

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074707.D
 Acq On : 03 Oct 2022 14:01
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 05:28:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:26:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.934	168	190778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.822	114	343737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	355413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	184498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	23312	4.863	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.720%#		
35) Dibromofluoromethane	7.863	113	19440	5.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.520%#		
50) Toluene-d8	10.310	98	72512	4.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.540%#		
62) 4-Bromofluorobenzene	12.610	95	18922	4.266	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.540%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	19731	5.012	ug/l #	71
3) Chloromethane	2.216	50	37879	5.567	ug/l	97
4) Vinyl Chloride	2.357	62	58472	5.122	ug/l #	87
5) Bromomethane	2.716	94	53290	5.994	ug/l	90
6) Chloroethane	2.887	64	51908	5.850	ug/l	88
7) Trichlorofluoromethane	3.240	101	33334	5.422	ug/l	96
8) Diethyl Ether	3.681	74	12874	4.760	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.051	101	16205	4.685	ug/l #	24
10) Methyl Iodide	4.257	142	20302	4.833	ug/l #	89
11) Tert butyl alcohol	5.181	59	27694m	26.511	ug/l	
12) 1,1-Dichloroethene	4.022	96	17482	5.093	ug/l #	76
13) Acrolein	3.893	56	19066	39.632	ug/l	100
14) Allyl chloride	4.651	41	35435	5.027	ug/l #	87
15) Acrylonitrile	5.357	53	77435	25.999	ug/l #	86
16) Acetone	4.122	43	66390	25.359	ug/l	99
17) Carbon Disulfide	4.351	76	53979	5.366	ug/l #	89
18) Methyl Acetate	4.669	43	41407	4.764	ug/l #	72
19) Methyl tert-butyl Ether	5.416	73	70458	5.160	ug/l #	90
20) Methylene Chloride	4.899	84	25359	5.319	ug/l #	67
21) trans-1,2-Dichloroethene	5.398	96	18642	5.012	ug/l	96
22) Diisopropyl ether	6.304	45	81045	5.217	ug/l #	88
23) Vinyl Acetate	6.245	43	285707	24.229	ug/l #	90
24) 1,1-Dichloroethane	6.198	63	39949	5.187	ug/l #	90
25) 2-Butanone	7.163	43	120291	26.497	ug/l #	78
26) 2,2-Dichloropropane	7.151	77	28811	4.938	ug/l #	66
27) cis-1,2-Dichloroethene	7.157	96	23239	5.001	ug/l	93
28) Bromochloromethane	7.481	49	15851	4.294	ug/l #	74
29) Tetrahydrofuran	7.522	42	74419	24.879	ug/l #	85
30) Chloroform	7.657	83	38664	5.134	ug/l	99
31) Cyclohexane	7.934	56	41229	5.566	ug/l #	83
32) 1,1,1-Trichloroethane	7.851	97	33411	5.157	ug/l	94
36) 1,1-Dichloropropene	8.069	75	27896	4.635	ug/l	95
37) Ethyl Acetate	7.245	43	44921	5.270	ug/l #	90
38) Carbon Tetrachloride	8.051	117	25002	4.698	ug/l #	73
39) Methylcyclohexane	9.310	83	31178	4.277	ug/l #	85
40) Benzene	8.304	78	87896	4.790	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	18687	4.670	ug/l	87
42) 1,2-Dichloroethane	8.387	62	30351	4.833	ug/l	98
43) Isopropyl Acetate	8.416	43	59799	4.657	ug/l #	83
44) Trichloroethene	9.075	130	21235	5.242	ug/l	80
45) 1,2-Dichloropropane	9.357	63	24381	5.009	ug/l	93
46) Dibromomethane	9.445	93	15365	4.530	ug/l #	82
47) Bromodichloromethane	9.628	83	29705	4.812	ug/l #	88
48) Methyl methacrylate	9.428	41	26859	4.565	ug/l #	80
49) 1,4-Dioxane	9.439	88	9962	91.553	ug/l #	82
51) 4-Methyl-2-Pentanone	10.198	43	216086	23.356	ug/l	89
52) Toluene	10.369	92	49018	4.391	ug/l	90
53) t-1,3-Dichloropropene	10.592	75	27852	4.578	ug/l	99
54) cis-1,3-Dichloropropene	10.063	75	29068	4.272	ug/l #	86
55) 1,1,2-Trichloroethane	10.775	97	21815	4.858	ug/l	99
56) Ethyl methacrylate	10.633	69	32032	4.531	ug/l #	80
57) 1,3-Dichloropropane	10.922	76	39012	4.835	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.910	63	62328	22.864	ug/l	92
59) 2-Hexanone	10.963	43	156232	22.537	ug/l	87
60) Dibromochloromethane	11.110	129	16285	3.964	ug/l	83
61) 1,2-Dibromoethane	11.216	107	21578	4.860	ug/l	100
64) Tetrachloroethene	10.845	164	15230	5.252	ug/l	85
65) Chlorobenzene	11.645	112	53159	4.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.716	131	16211	4.553	ug/l	98
67) Ethyl Benzene	11.716	91	99344	4.940	ug/l	94
68) m/p-Xylenes	11.827	106	68879	9.190	ug/l	95
69) o-Xylene	12.151	106	38158	5.073	ug/l	89
70) Styrene	12.169	104	50306	4.190	ug/l	98
71) Bromoform	12.339	173	11519	4.396	ug/l #	93
73) Isopropylbenzene	12.457	105	90251	5.294	ug/l	98
74) N-amyl acetate	12.269	43	41162	4.885	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.698	83	38186	5.873	ug/l	95
76) 1,2,3-Trichloropropane	12.763	75	26771m	5.246	ug/l	
77) Bromobenzene	12.733	156	20104	5.517	ug/l	85
78) n-propylbenzene	12.798	91	98484	5.046	ug/l	100
79) 2-Chlorotoluene	12.880	91	60010	5.218	ug/l	100
80) 1,3,5-Trimethylbenzene	12.933	105	67332	4.948	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.498	75	7689	4.815	ug/l #	77
82) 4-Chlorotoluene	12.980	91	52628	4.732	ug/l	100
83) tert-Butylbenzene	13.198	119	65619	5.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	63997	4.883	ug/l	96
85) sec-Butylbenzene	13.374	105	83464	4.809	ug/l	97
86) p-Isopropyltoluene	13.492	119	64498	4.847	ug/l	96
87) 1,3-Dichlorobenzene	13.486	146	35133	5.073	ug/l	97
88) 1,4-Dichlorobenzene	13.569	146	36361	5.359	ug/l	94
89) n-Butylbenzene	13.821	91	58234	4.846	ug/l	90
90) Hexachloroethane	14.080	117	9120	4.042	ug/l	98
91) 1,2-Dichlorobenzene	13.857	146	32657	4.848	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.480	75	6042	5.048	ug/l	73
93) 1,2,4-Trichlorobenzene	15.133	180	15657	5.271	ug/l	88
94) Hexachlorobutadiene	15.233	225	7696	5.124	ug/l	91
95) Naphthalene	15.363	128	50049	4.435	ug/l	97
96) 1,2,3-Trichlorobenzene	15.551	180	15797	5.040	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

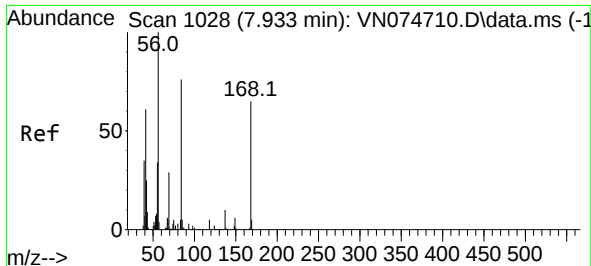
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 05:26:33 2022
Response via : Initial Calibration

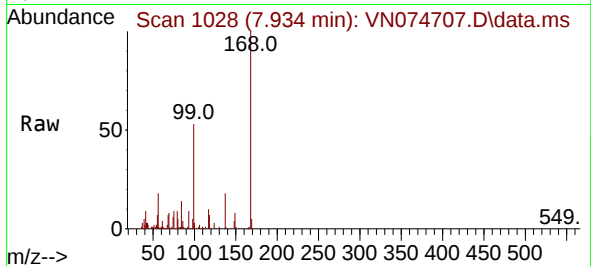
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

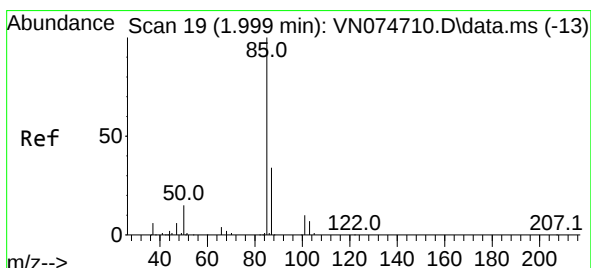
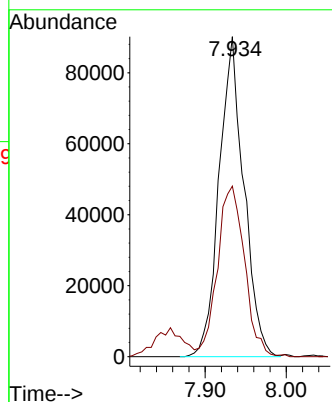
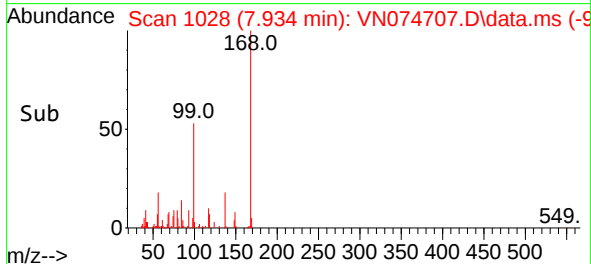
Instrument :
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ClientSampleId :
VSTDICC005



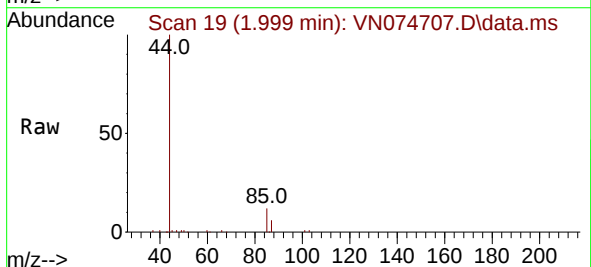
Tgt Ion:168 Resp: 190778
Ion Ratio Lower Upper
168 100
99 52.8 42.3 63.5

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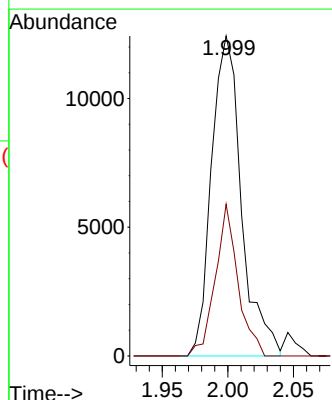
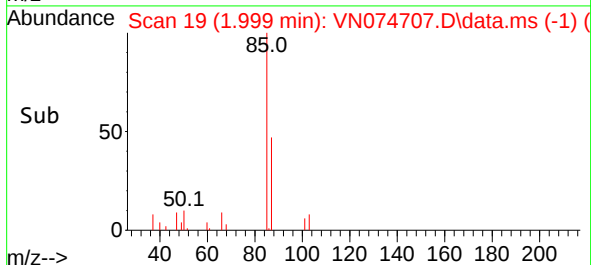
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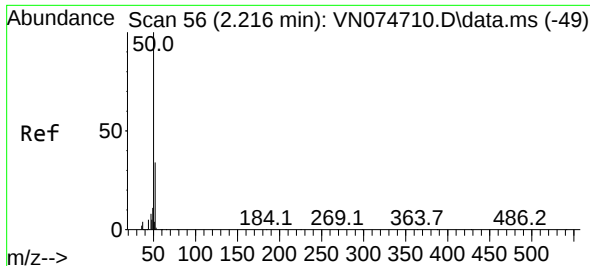


#2
Dichlorodifluoromethane
Concen: 5.012 ug/l
RT: 1.999 min Scan# 19
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



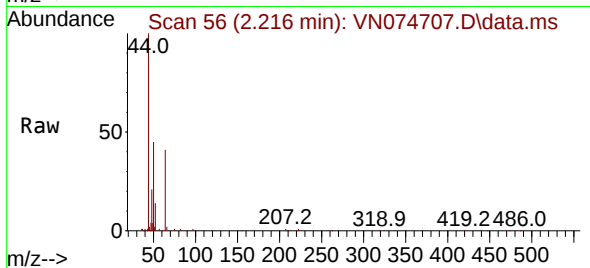
Tgt Ion: 85 Resp: 19731
Ion Ratio Lower Upper
85 100
87 47.4 15.7 47.1#





#3
Chloromethane
Concen: 5.567 ug/l
RT: 2.216 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

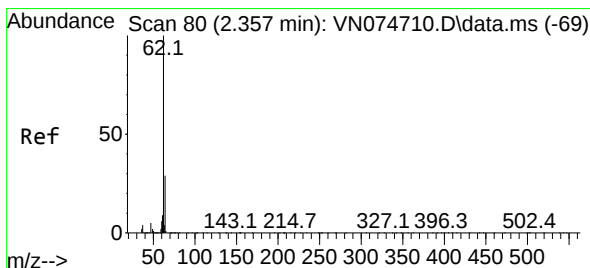
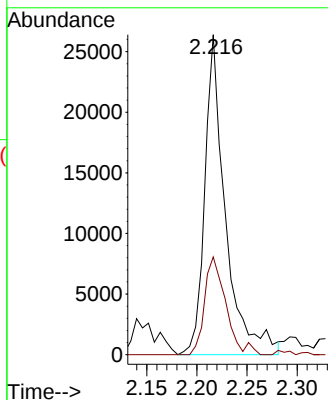
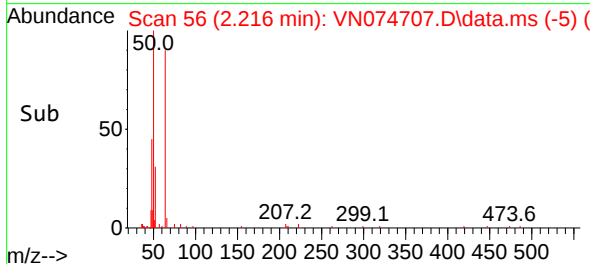
Instrument :
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VSTDICC005



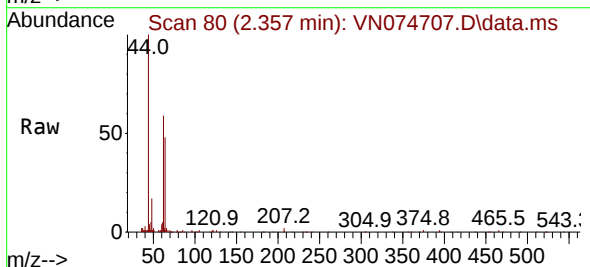
Tgt Ion: 50 Resp: 37879
Ion Ratio Lower Upper
50 100
52 30.6 25.7 38.5

Manual Integrations
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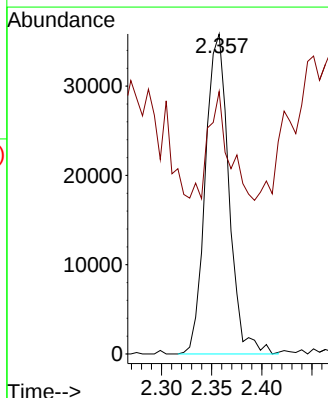
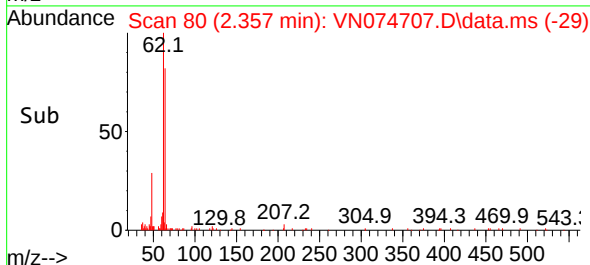
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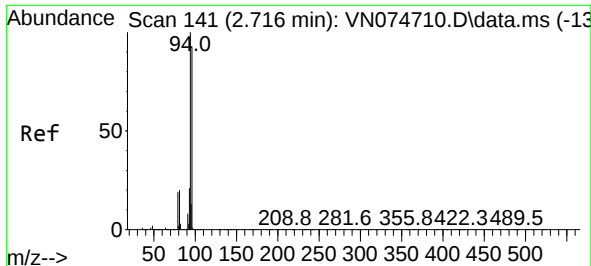


#4
Vinyl Chloride
Concen: 5.122 ug/l
RT: 2.357 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



Tgt Ion: 62 Resp: 58472
Ion Ratio Lower Upper
62 100
64 24.1 25.0 37.4





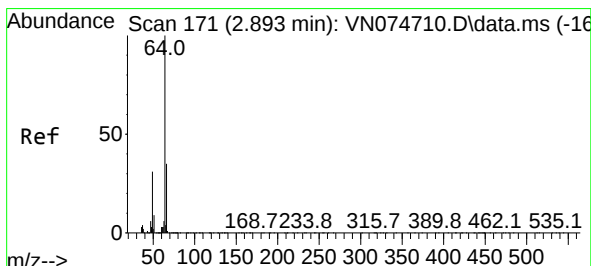
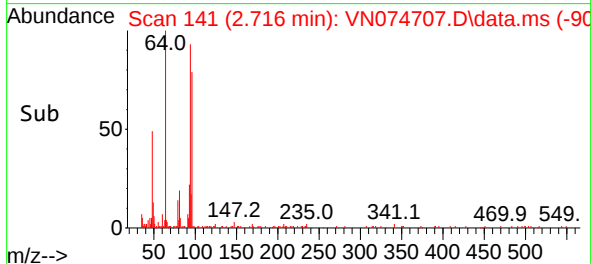
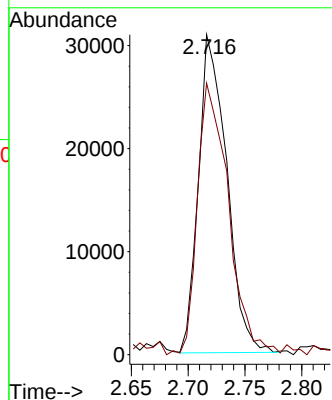
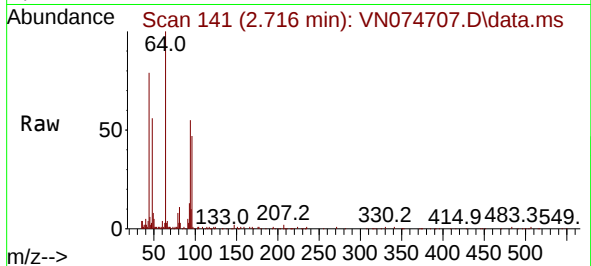
#5
Bromomethane
Concen: 5.994 ug/l
RT: 2.716 min Scan# 141
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 53290
Ion Ratio Lower Upper
94 100
96 85.0 76.0 114.0

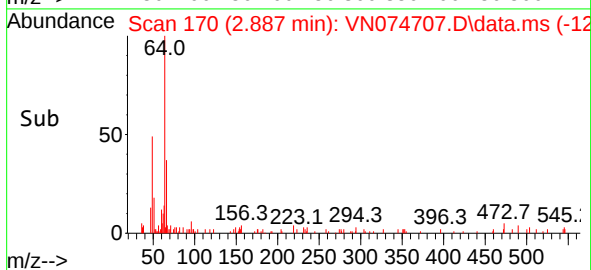
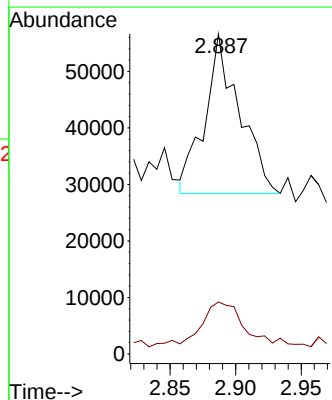
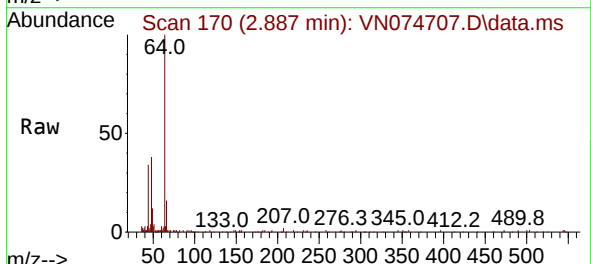
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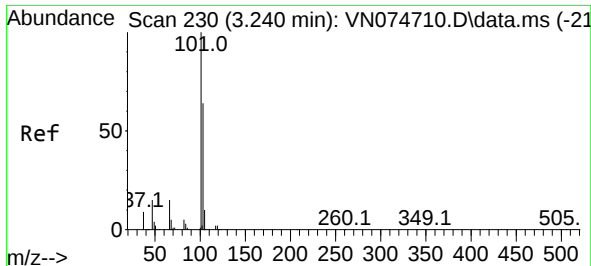
Reviewed By :John Carlone 10/04/2022
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#6
Chloroethane
Concen: 5.850 ug/l
RT: 2.887 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

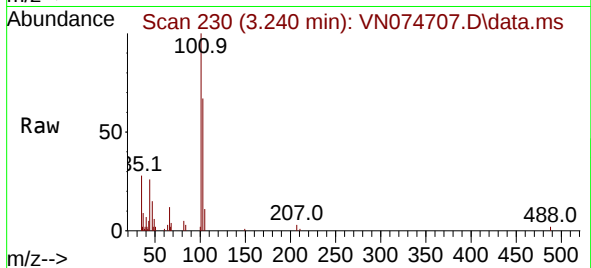
Tgt Ion: 64 Resp: 51908
Ion Ratio Lower Upper
64 100
66 26.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 5.422 ug/l
 RT: 3.240 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01

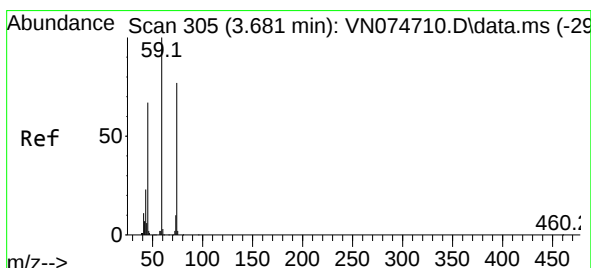
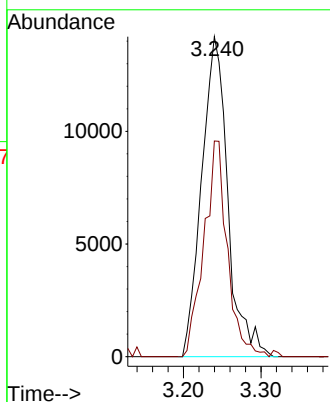
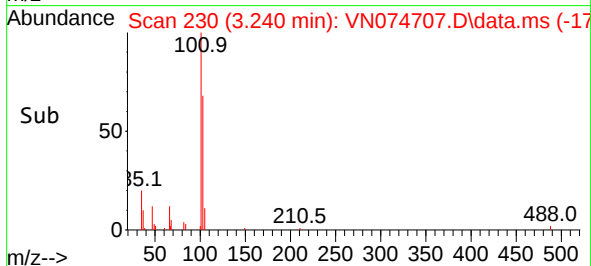
Instrument :
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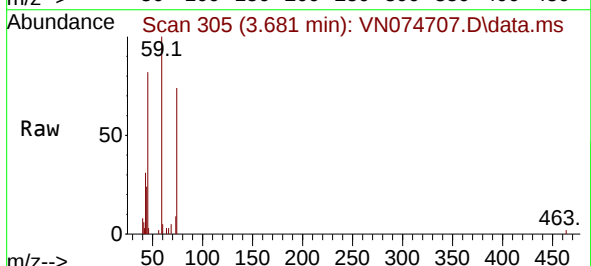
Tgt Ion:101 Resp: 33334
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.5 77.3

Manual Integrations
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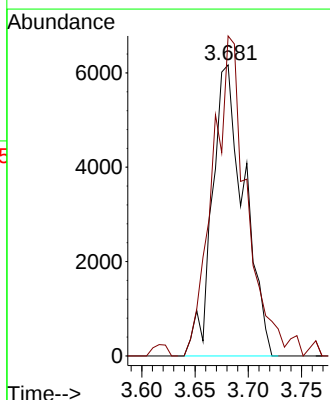
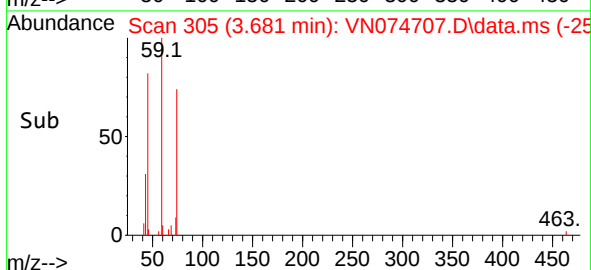
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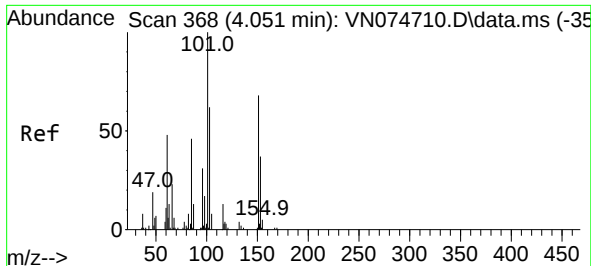


#8
 Diethyl Ether
 Concen: 4.760 ug/l
 RT: 3.681 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VN074707.D
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Tgt Ion: 74 Resp: 12874
 Ion Ratio Lower Upper
 74 100
 45 118.2 42.9 128.5





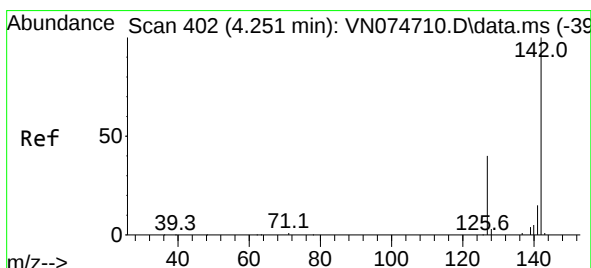
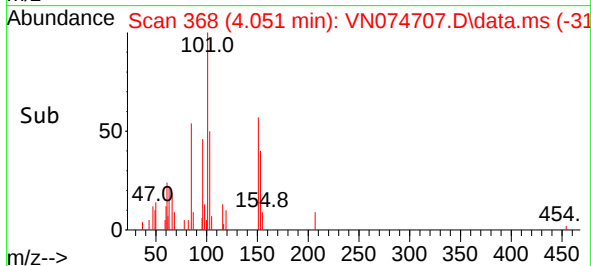
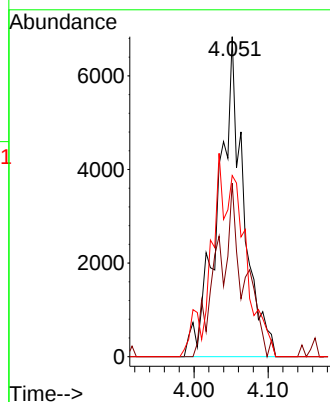
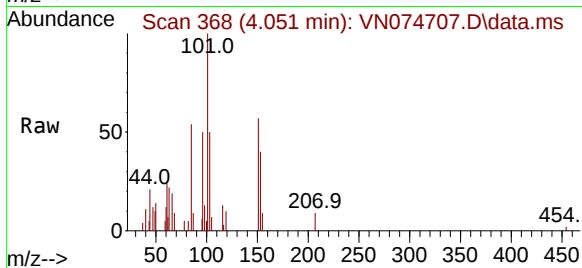
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.685 ug/l
RT: 4.051 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1620
Ion Ratio Lower Upper
101 100
85 11.4 34.7 52.1
151 0.0 63.0 94.4

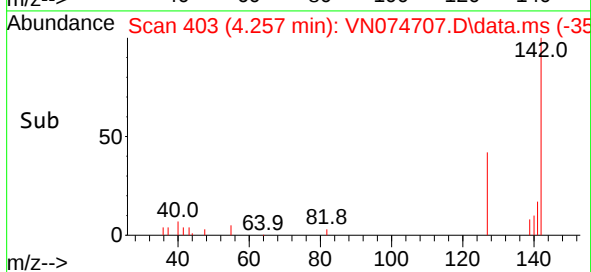
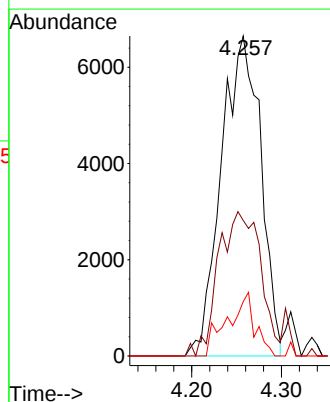
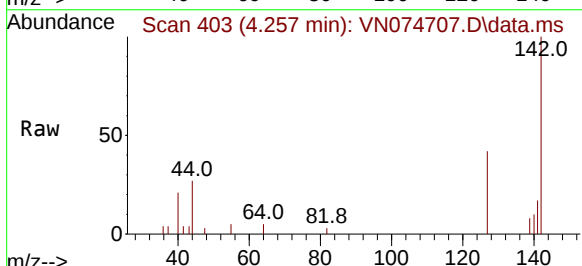
Manual Integrations
APPROVED

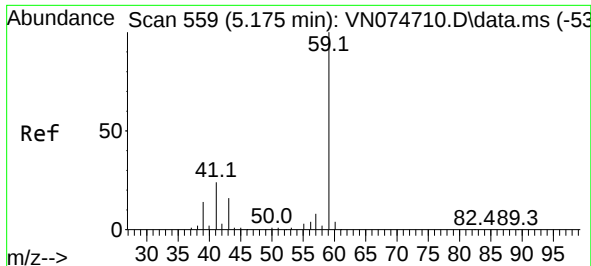
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 4.833 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion:142 Resp: 20302
Ion Ratio Lower Upper
142 100
127 48.2 31.3 46.9
141 13.9 11.2 16.8





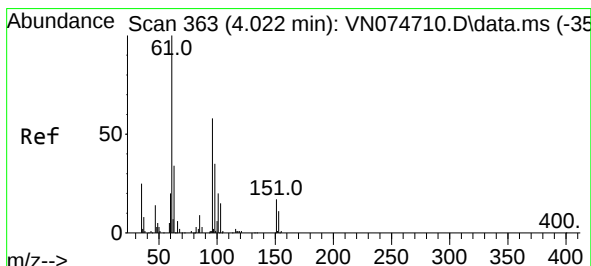
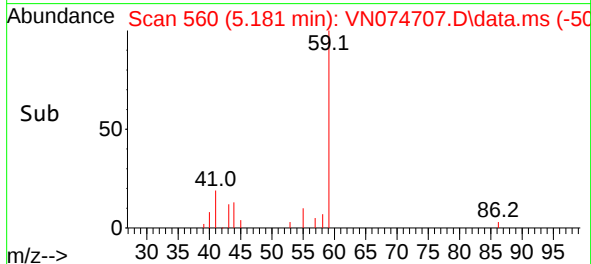
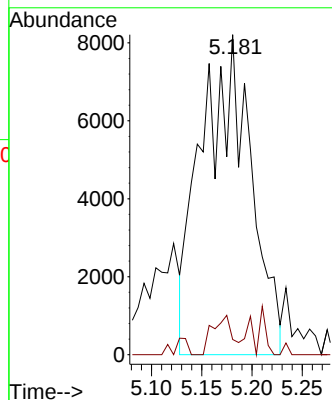
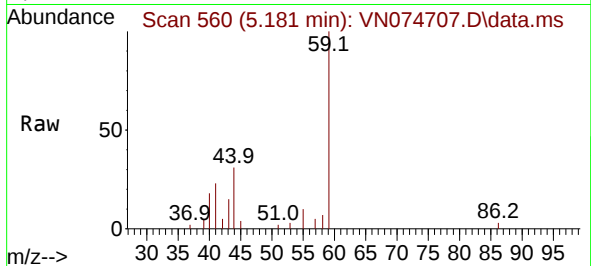
#11
Tert butyl alcohol
Concen: 26.511 ug/l m
RT: 5.181 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 27694
Ion Ratio Lower Upper
59 100
57 5.0 8.3 12.5

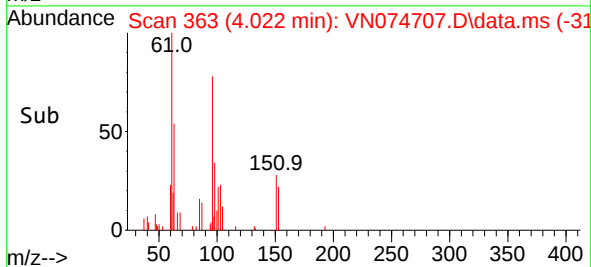
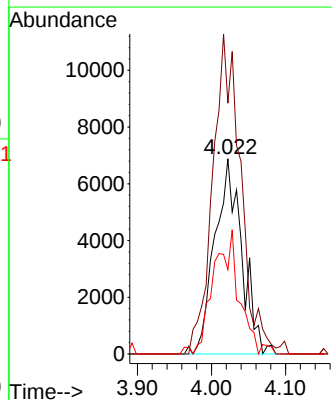
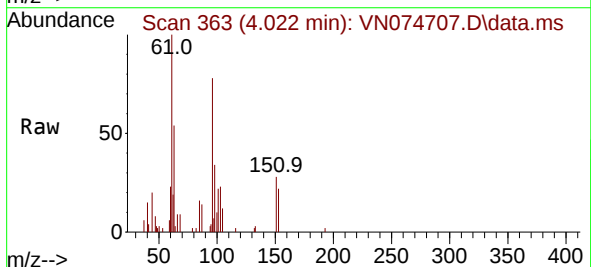
Manual Integrations
APPROVED

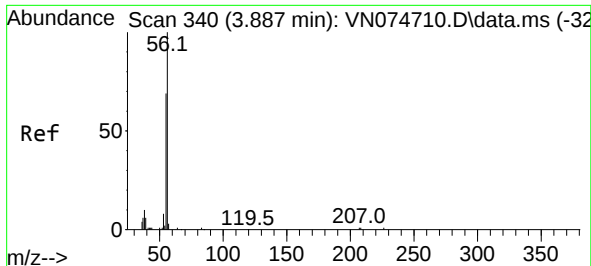
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#12
1,1-Dichloroethene
Concen: 5.093 ug/l
RT: 4.022 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion: 96 Resp: 17482
Ion Ratio Lower Upper
96 100
61 128.4 127.6 191.4
98 43.3 51.2 76.8





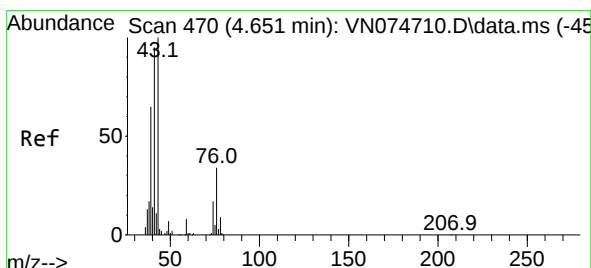
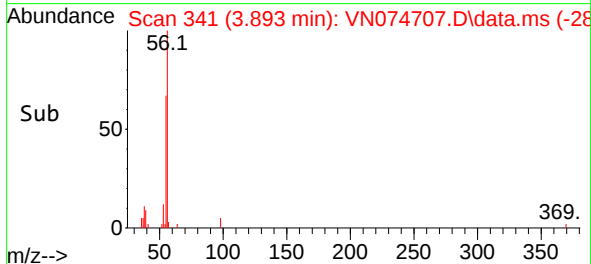
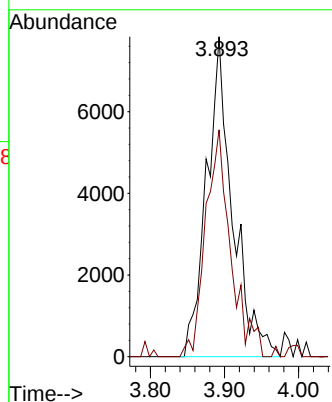
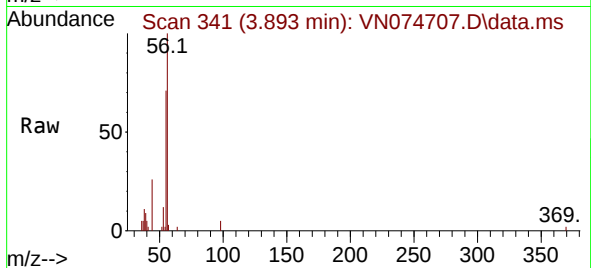
#13
Acrolein
Concen: 39.632 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 1906
Ion Ratio Lower Upper
56 100
55 68.6 54.8 82.2

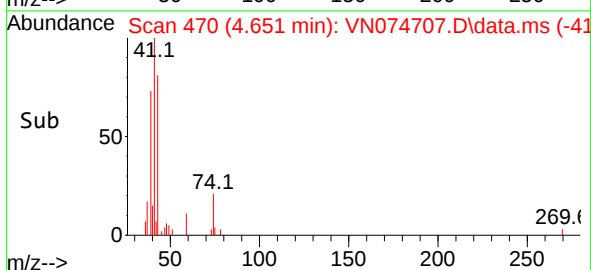
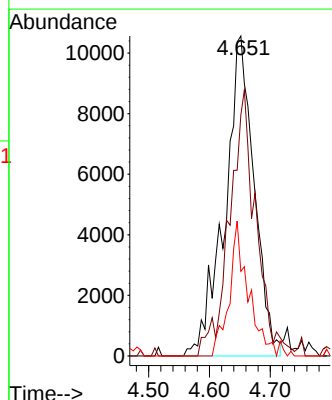
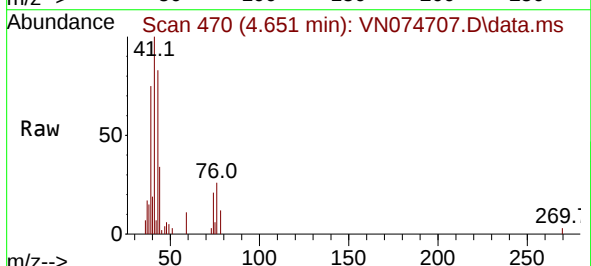
Manual Integrations
APPROVED

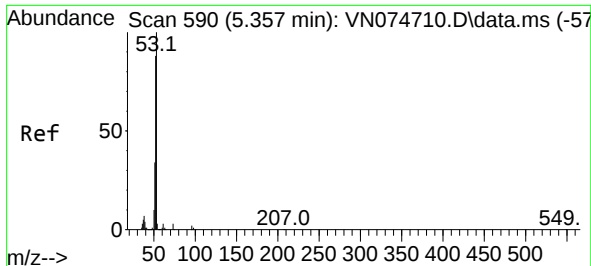
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 5.027 ug/l
RT: 4.651 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

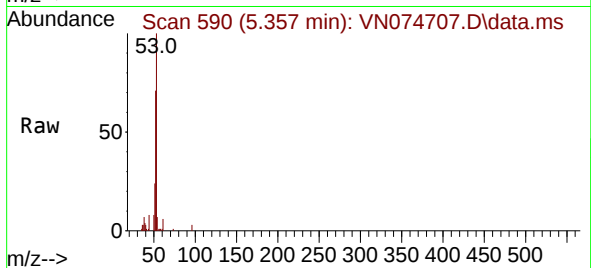
Tgt Ion: 41 Resp: 35435
Ion Ratio Lower Upper
41 100
39 74.7 53.2 79.8
76 27.2 29.9 44.9#





#15
Acrylonitrile
Concen: 25.999 ug/l
RT: 5.357 min Scan# 590
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

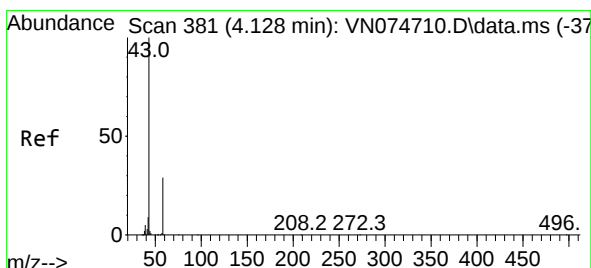
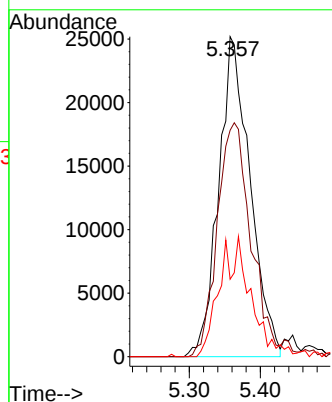
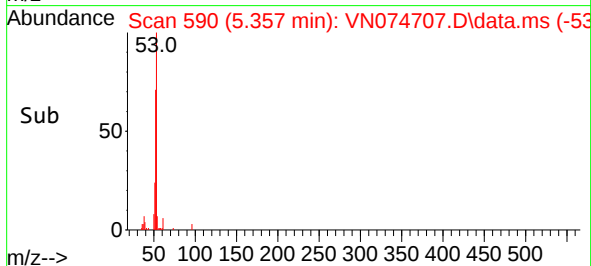
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 77438
Ion Ratio Lower Upper
53 100
52 77.8 66.4 99.6
51 15.4 28.5 42.7

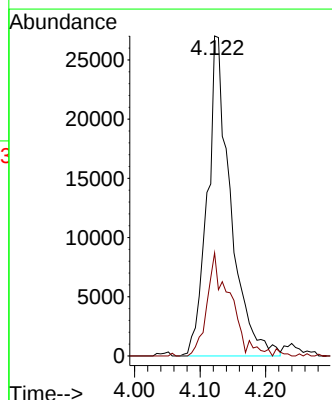
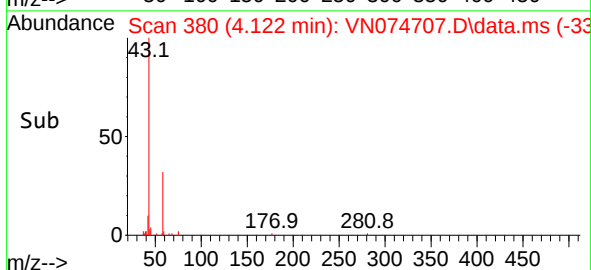
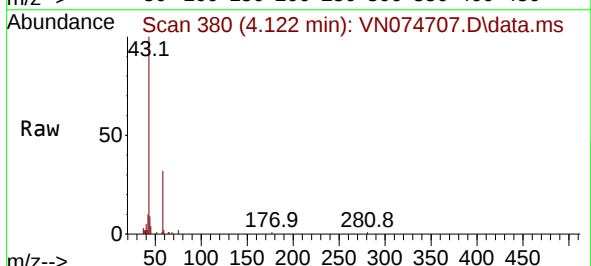
Manual Integrations
APPROVED

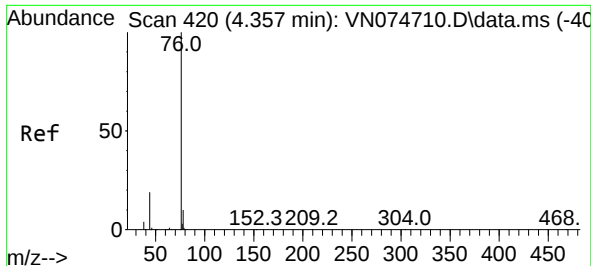
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 25.359 ug/l
RT: 4.122 min Scan# 380
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

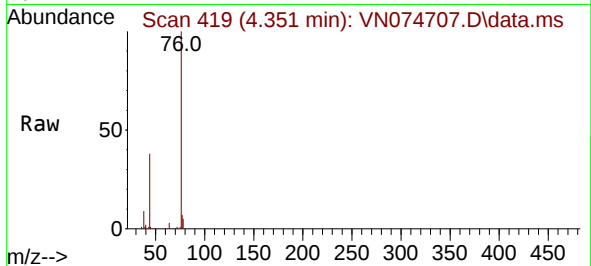
Tgt Ion: 43 Resp: 66390
Ion Ratio Lower Upper
43 100
58 32.2 26.0 39.0





#17
Carbon Disulfide
Concen: 5.366 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

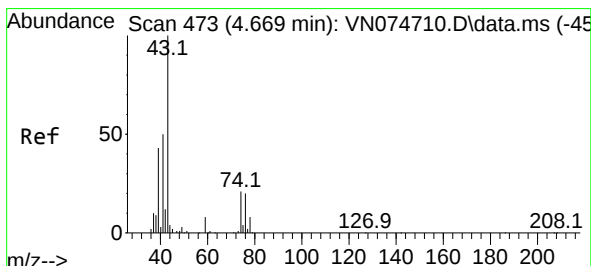
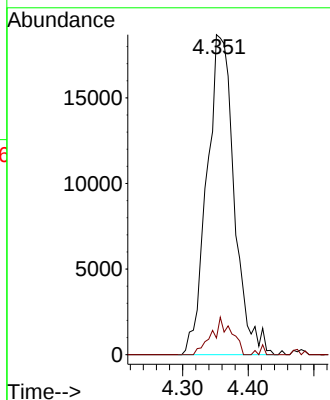
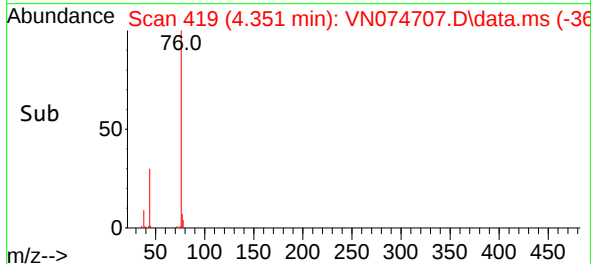
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 53979
Ion Ratio Lower Upper
76 100
78 5.2 7.2 10.8

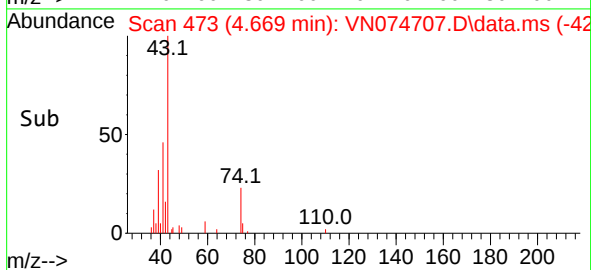
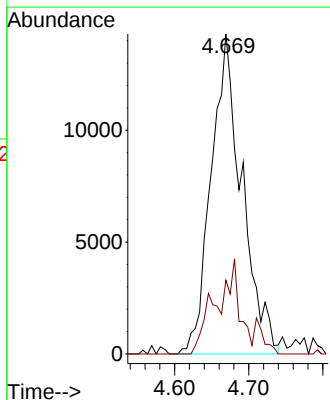
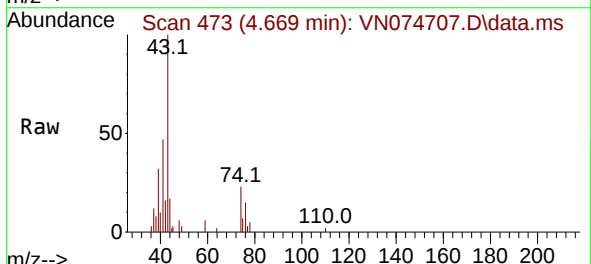
Manual Integrations
APPROVED

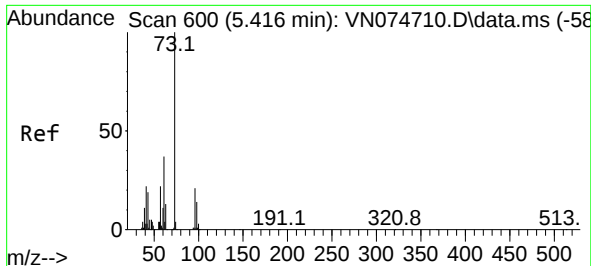
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
Methyl Acetate
Concen: 4.764 ug/l
RT: 4.669 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

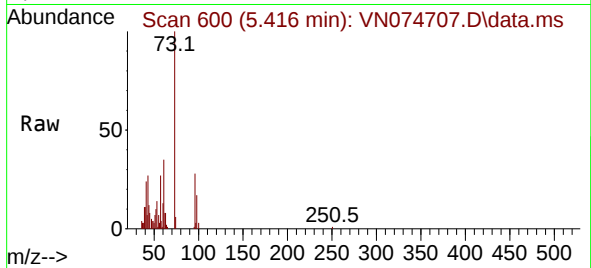
Tgt Ion: 43 Resp: 41407
Ion Ratio Lower Upper
43 100
74 12.6 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 5.160 ug/l
RT: 5.416 min Scan# 600
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

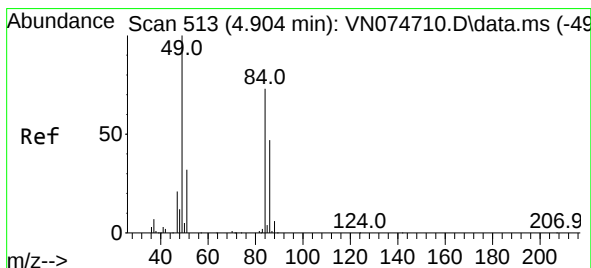
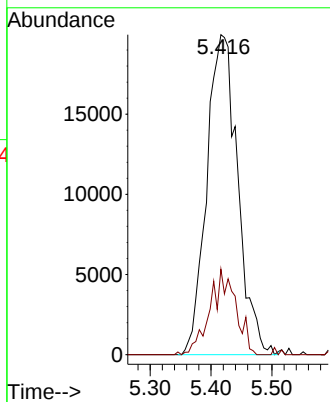
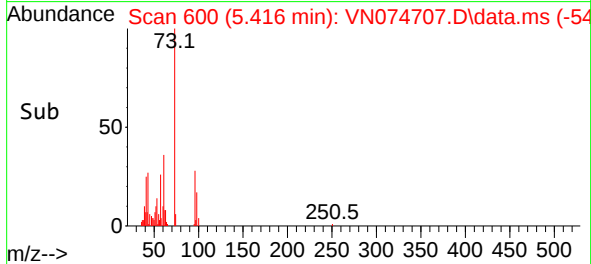
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



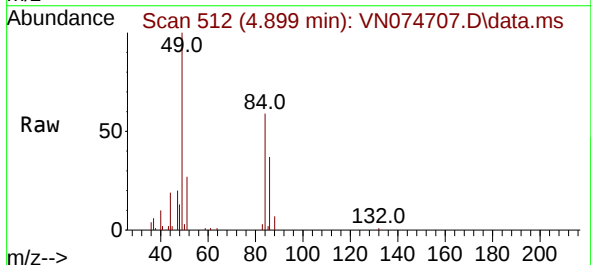
Tgt Ion: 73 Resp: 70458
Ion Ratio Lower Upper
73 100
57 26.7 17.6 26.4

Manual Integrations
APPROVED

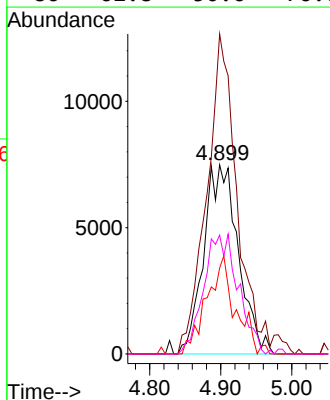
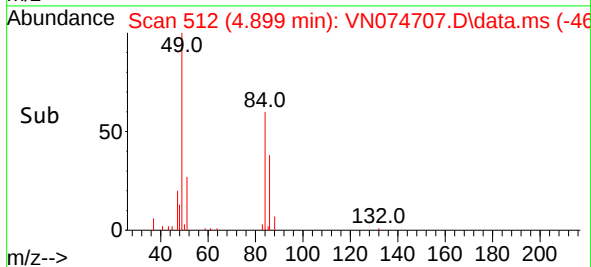
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

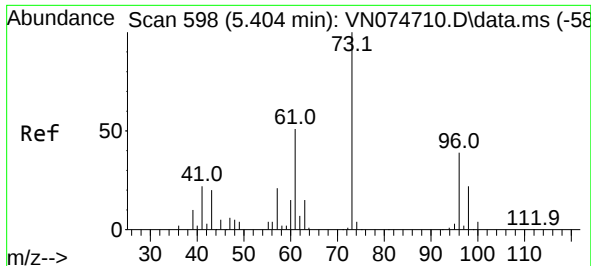


#20
Methylene Chloride
Concen: 5.319 ug/l
RT: 4.899 min Scan# 512
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



Tgt Ion: 84 Resp: 25359
Ion Ratio Lower Upper
84 100
49 169.2 88.3 132.5#
51 45.5 28.2 42.2#
86 62.8 50.6 76.0





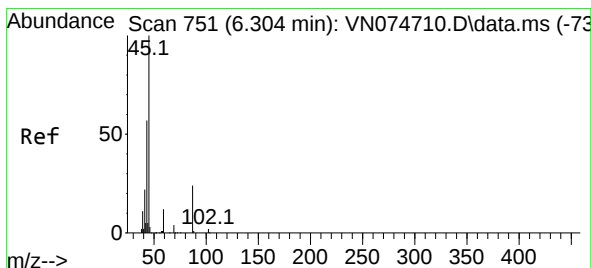
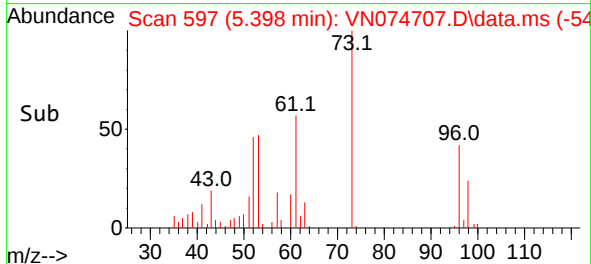
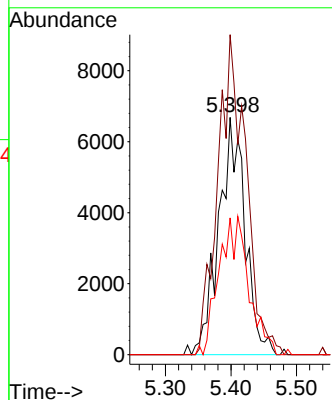
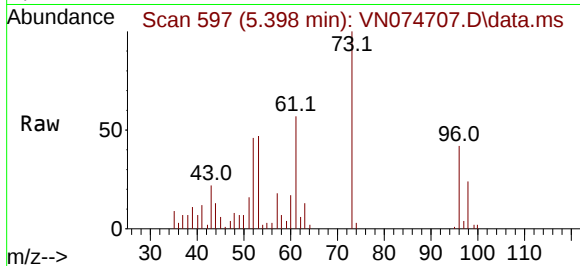
#21
trans-1,2-Dichloroethene
Concen: 5.012 ug/l
RT: 5.398 min Scan# 598
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 1864
Ion Ratio Lower Upper
96 100
61 134.8 105.8 158.8
98 57.7 50.3 75.5

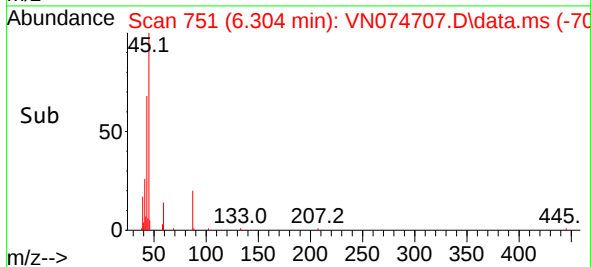
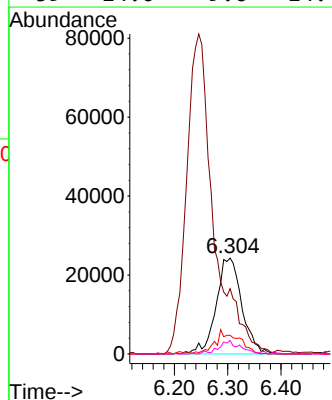
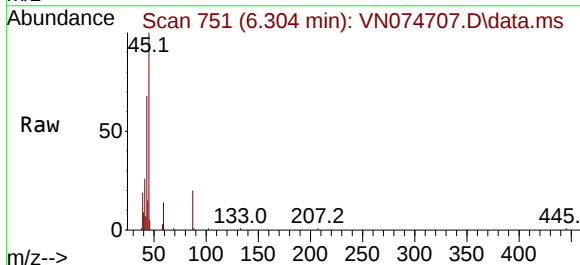
Manual Integrations
APPROVED

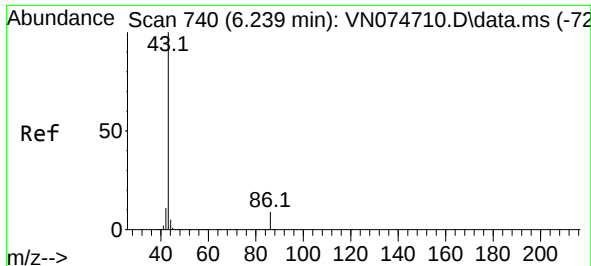
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 5.217 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion: 45 Resp: 81045
Ion Ratio Lower Upper
45 100
43 64.7 46.6 70.0
87 19.6 24.3 36.5#
59 14.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 24.229 ug/l
 RT: 6.245 min Scan# 741
 Delta R.T. 0.006 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01

Instrument :

MSVOA_N

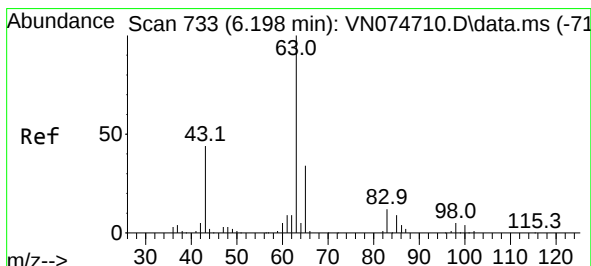
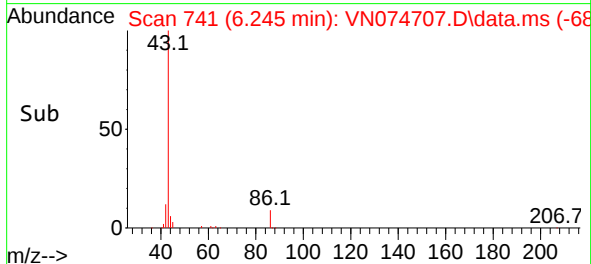
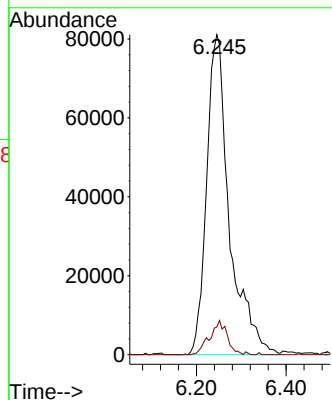
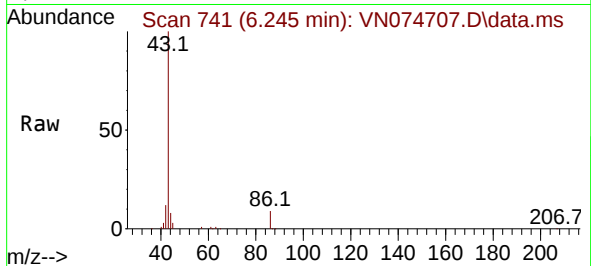
ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 28570
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.0 15.0

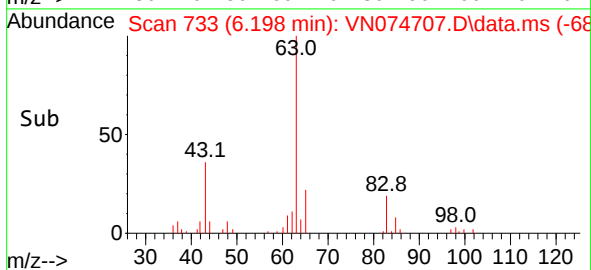
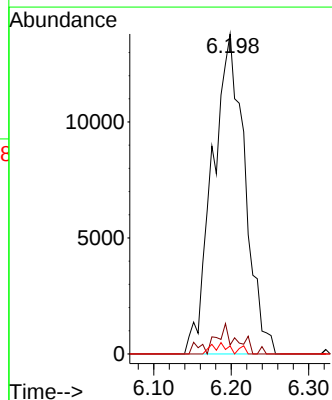
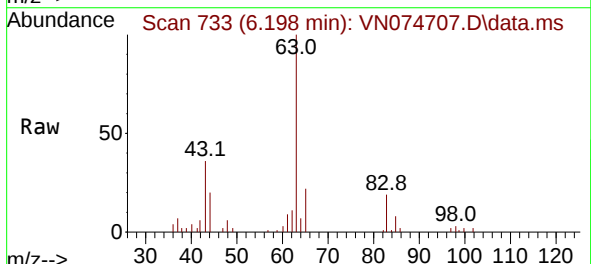
Manual Integrations
 APPROVED

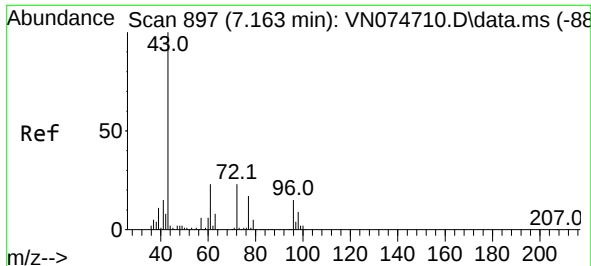
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#24
 1,1-Dichloroethane
 Concen: 5.187 ug/l
 RT: 6.198 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01

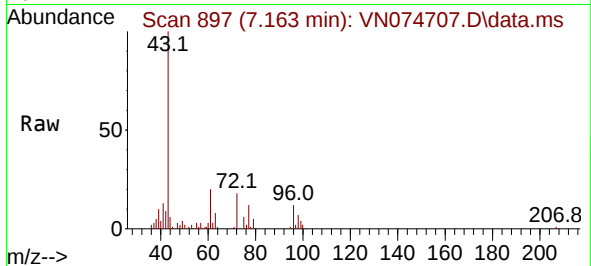
Tgt Ion: 63 Resp: 39949
 Ion Ratio Lower Upper
 63 100
 98 2.8 3.5 10.4#
 100 2.5 2.3 6.8





#25
2-Butanone
Concen: 26.497 ug/l
RT: 7.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

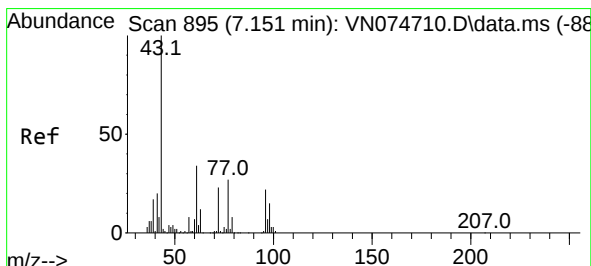
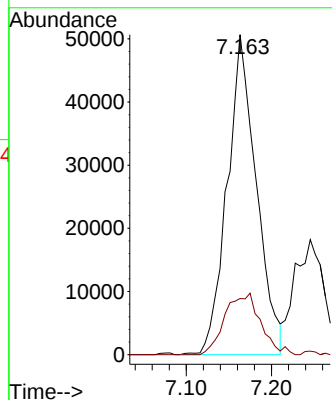
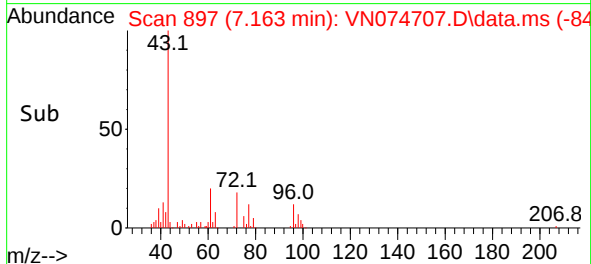
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 12029
Ion Ratio Lower Upper
43 100
72 17.6 23.7 35.5

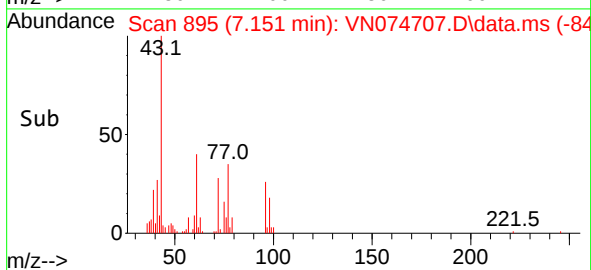
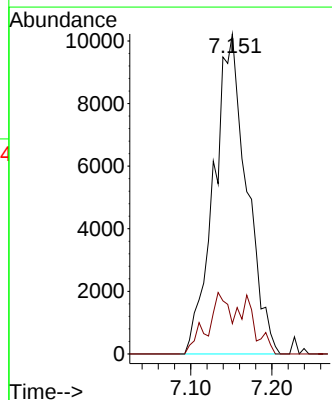
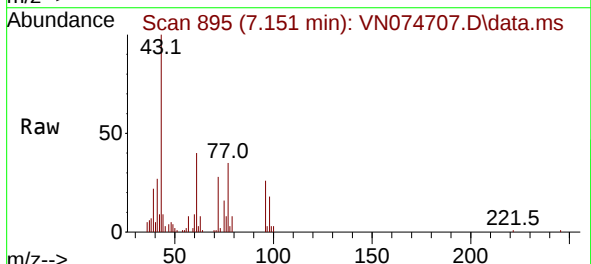
Manual Integrations
APPROVED

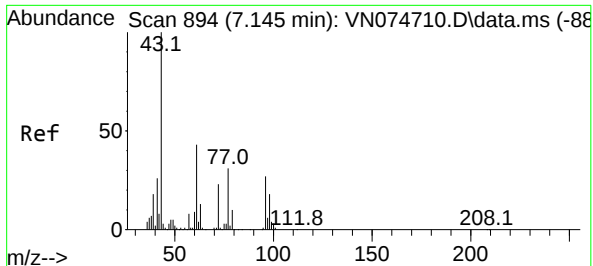
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 4.938 ug/l
RT: 7.151 min Scan# 895
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

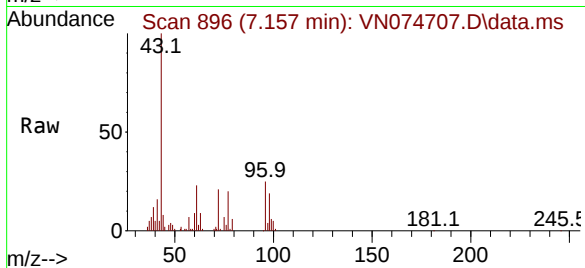
Tgt Ion: 77 Resp: 28811
Ion Ratio Lower Upper
77 100
97 6.3 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 5.001 ug/l
 RT: 7.157 min Scan# 894
 Delta R.T. 0.012 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01

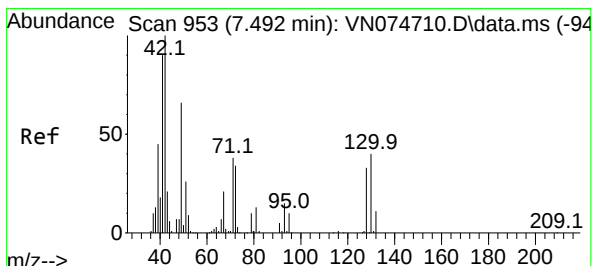
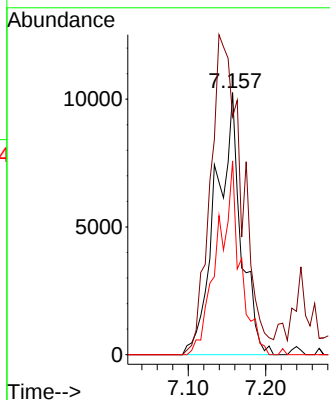
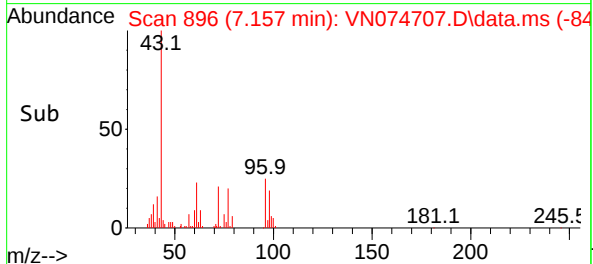
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



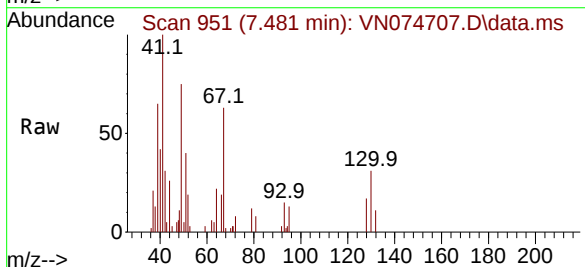
Tgt Ion: 96 Resp: 23239
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 280.6
 98 66.1 0.0 128.4

Manual Integrations
 APPROVED

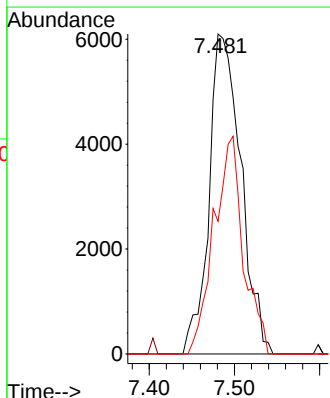
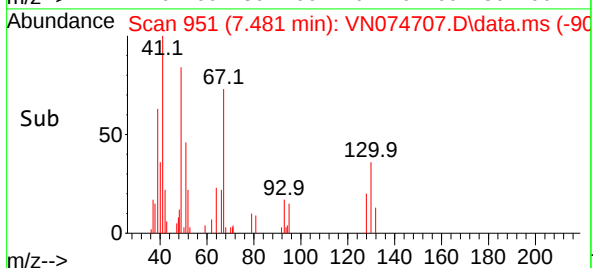
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

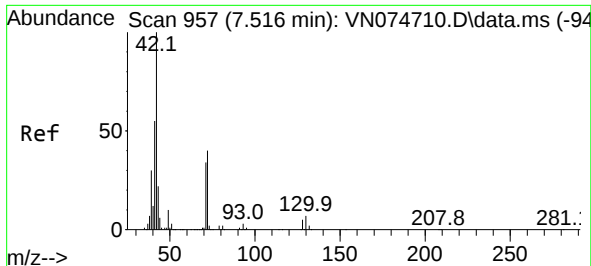


#28
 Bromochloromethane
 Concen: 4.294 ug/l
 RT: 7.481 min Scan# 951
 Delta R.T. -0.012 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01



Tgt Ion: 49 Resp: 15851
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 62.8 69.7 104.5#





#29

Tetrahydrofuran

Concen: 24.879 ug/l

RT: 7.522 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

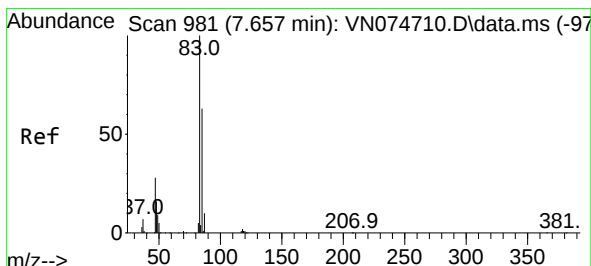
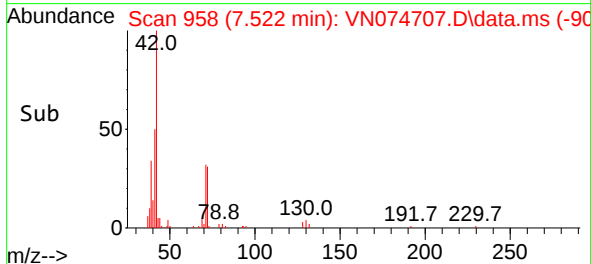
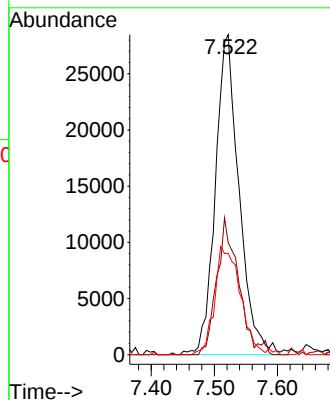
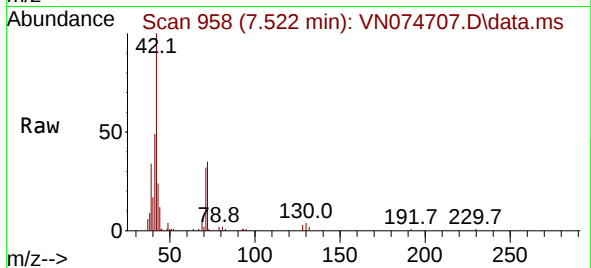
Tgt Ion: 42 Resp: 74419
 Ion Ratio Lower Upper
 42 100
 72 38.8 39.7 59.5
 71 36.3 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 5.134 ug/l

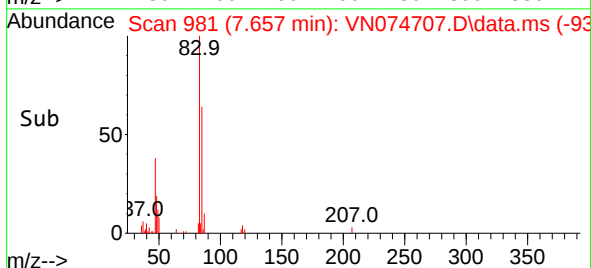
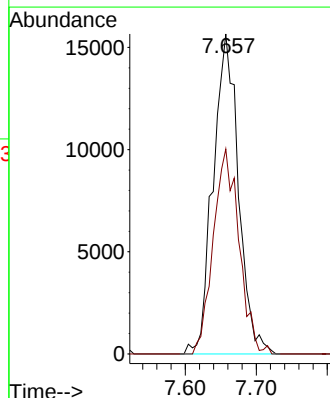
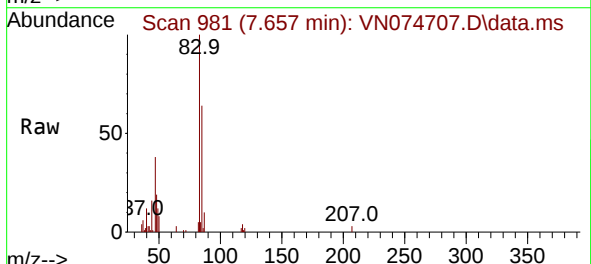
RT: 7.657 min Scan# 981

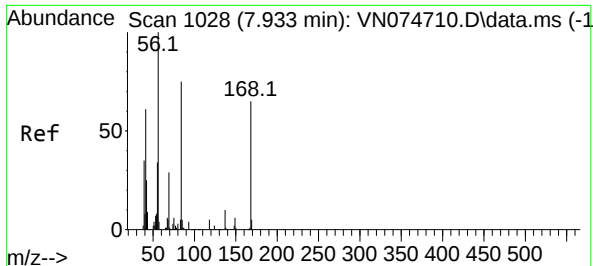
Delta R.T. 0.000 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

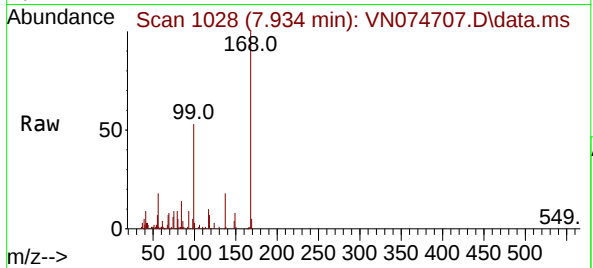
Tgt Ion: 83 Resp: 38664
 Ion Ratio Lower Upper
 83 100
 85 64.1 51.8 77.8





#31
Cyclohexane
Concen: 5.566 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

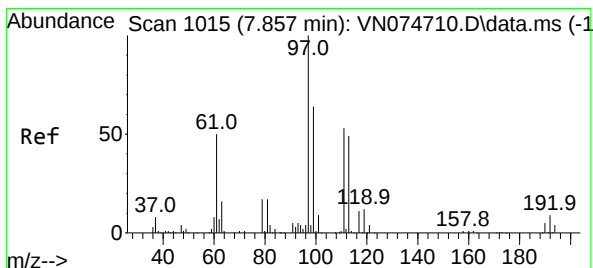
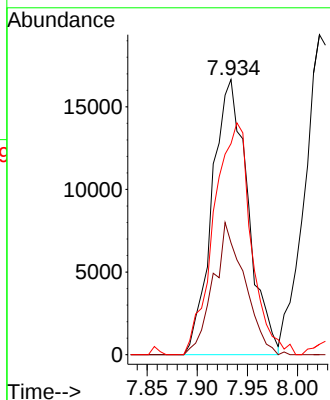
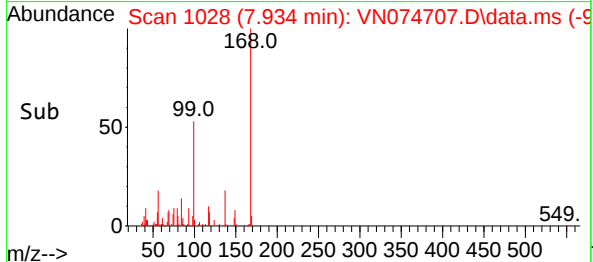
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 41229
Ion Ratio Lower Upper
56 100
69 40.6 27.8 41.8
84 76.7 76.9 115.3

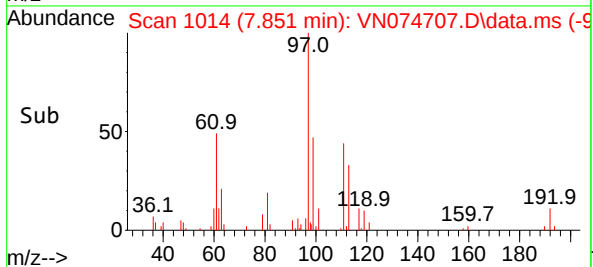
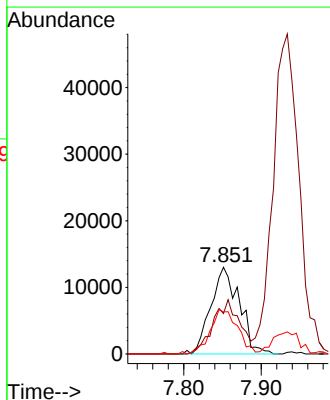
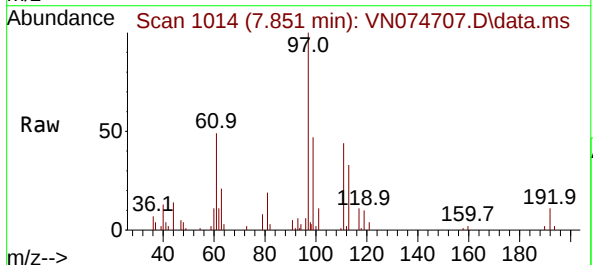
Manual Integrations
APPROVED

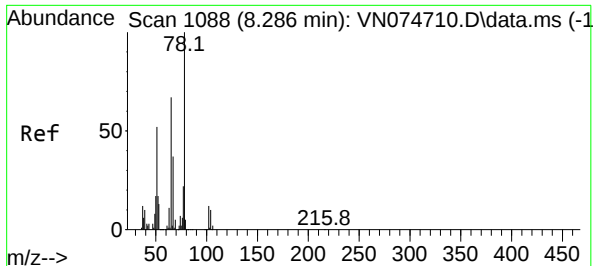
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#32
1,1,1-Trichloroethane
Concen: 5.157 ug/l
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion: 97 Resp: 33411
Ion Ratio Lower Upper
97 100
99 58.4 50.6 76.0
61 48.9 36.0 54.0





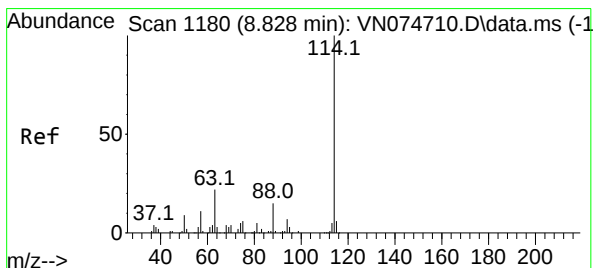
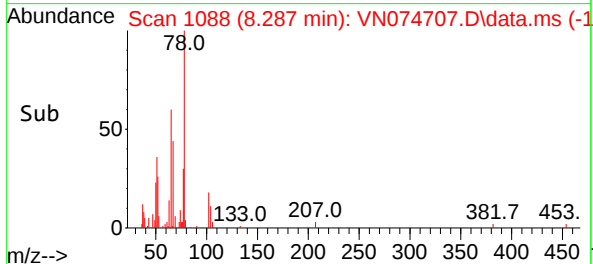
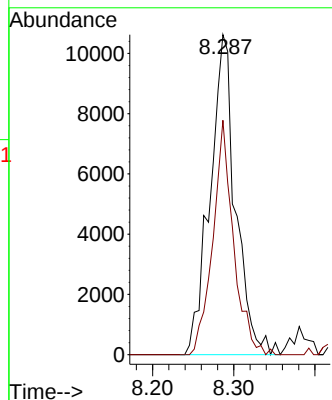
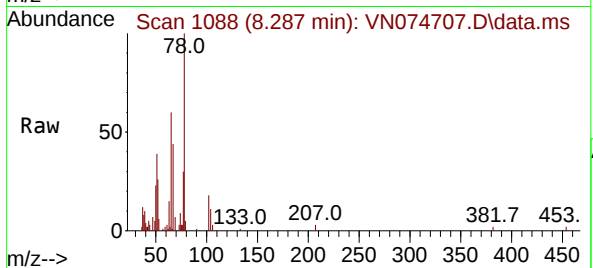
#33
1,2-Dichloroethane-d4
Concen: 4.863 ug/l
RT: 8.287 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 23312
Ion Ratio Lower Upper
65 100
67 59.0 0.0 104.8

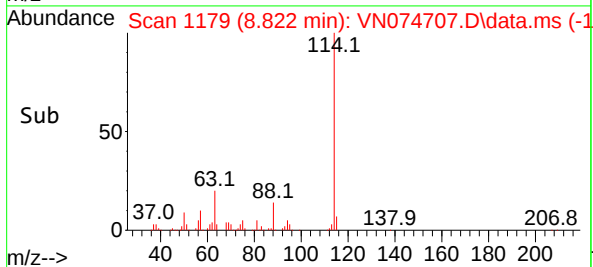
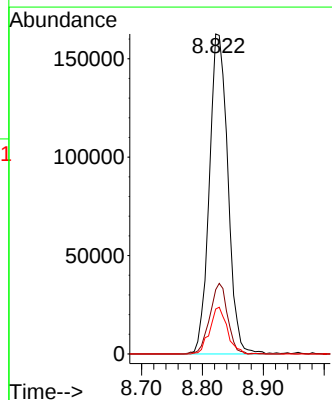
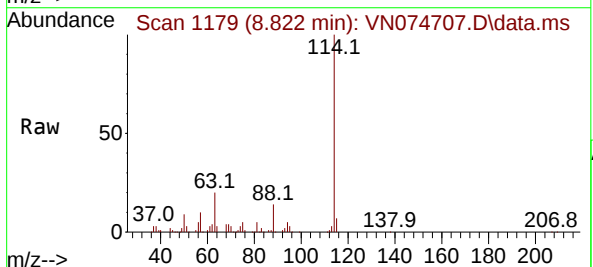
Manual Integrations
APPROVED

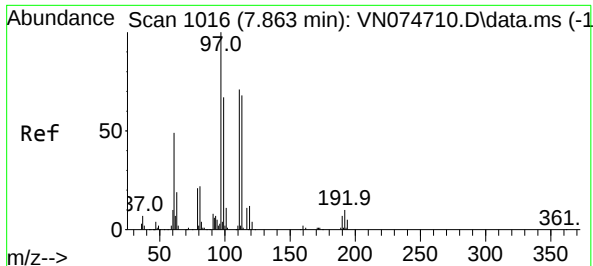
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.822 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

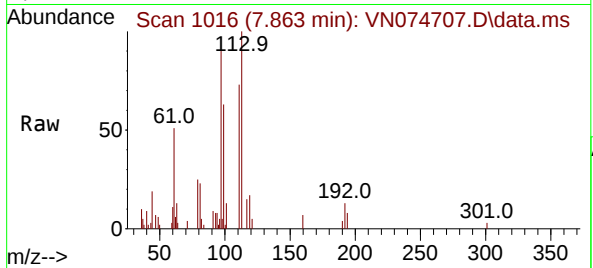
Tgt Ion:114 Resp: 343737
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 14.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 5.261 ug/l
RT: 7.863 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

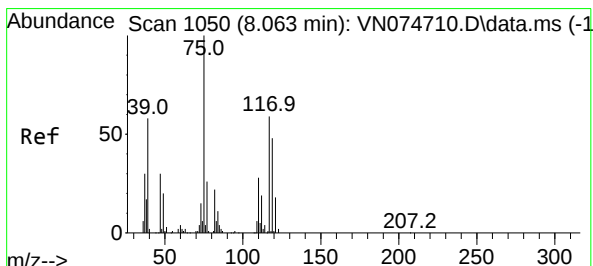
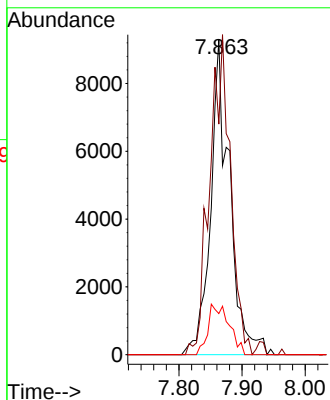
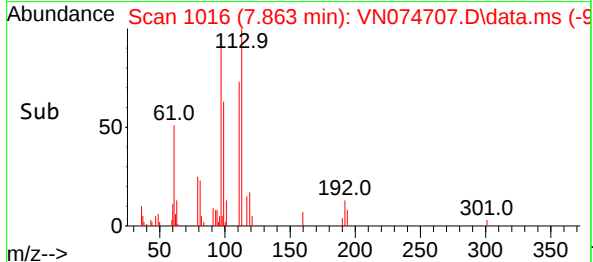
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



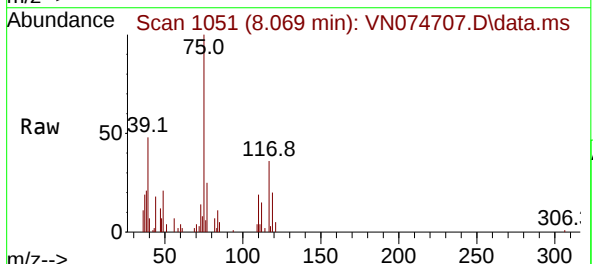
Tgt Ion: 113 Resp: 19440
Ion Ratio Lower Upper
113 100
111 110.8 81.4 122.0
192 17.8 17.0 25.6

Manual Integrations
APPROVED

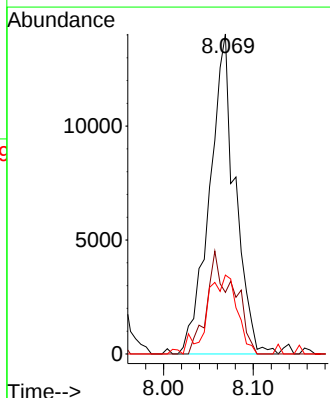
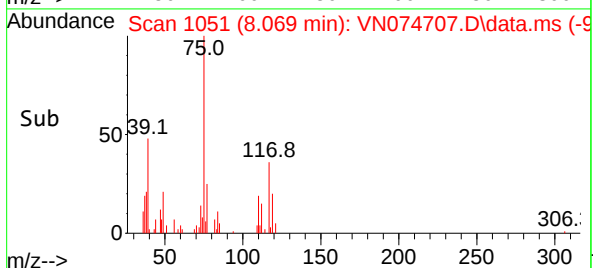
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

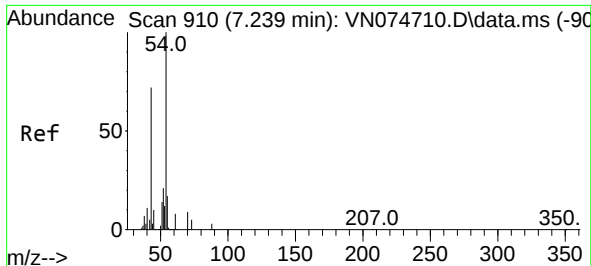


#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 8.069 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



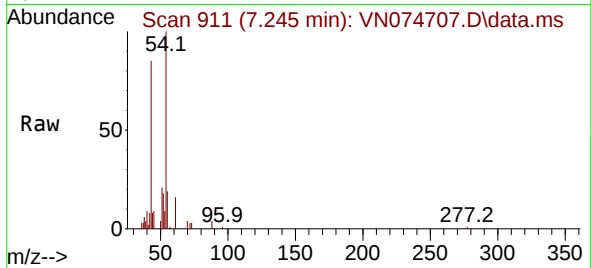
Tgt Ion: 75 Resp: 27896
Ion Ratio Lower Upper
75 100
110 33.3 18.3 54.8
77 29.2 25.1 37.7





#37
Ethyl Acetate
Concen: 5.270 ug/l
RT: 7.245 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

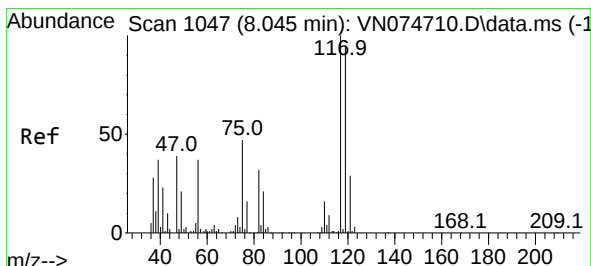
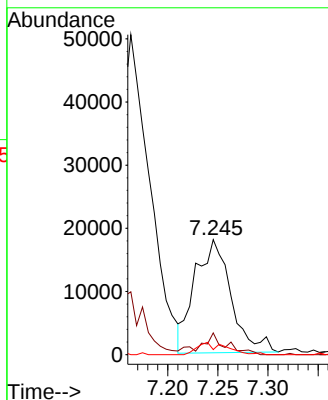
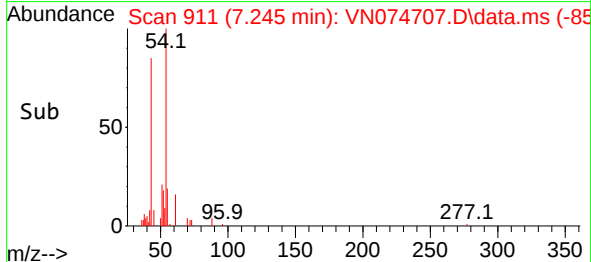
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 4492
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 4.5 9.3 13.9

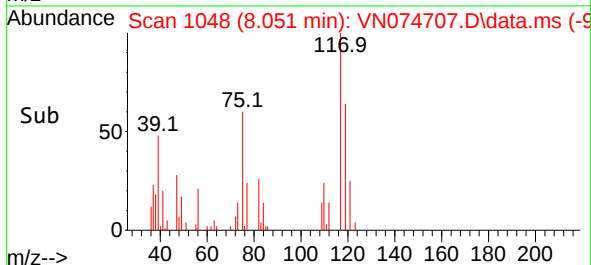
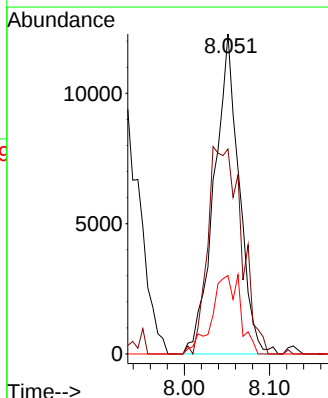
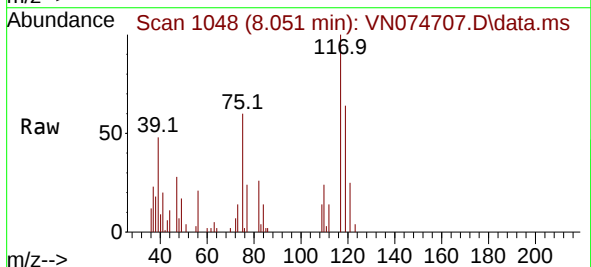
Manual Integrations
APPROVED

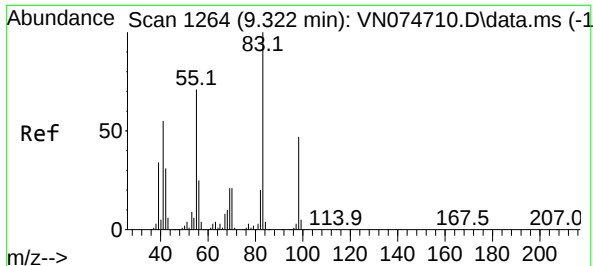
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#38
Carbon Tetrachloride
Concen: 4.698 ug/l
RT: 8.051 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion:117 Resp: 25002
Ion Ratio Lower Upper
117 100
119 64.1 75.8 113.8#
121 24.5 24.6 37.0#





#39

Methylcyclohexane

Concen: 4.277 ug/l

RT: 9.310 min Scan# 1091

Delta R.T. -0.012 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

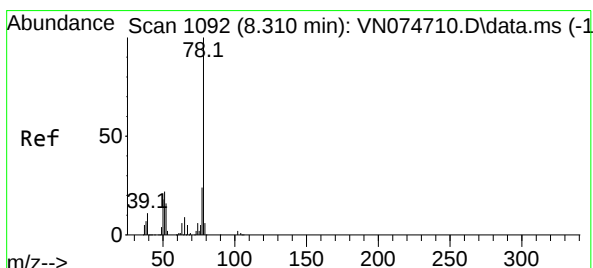
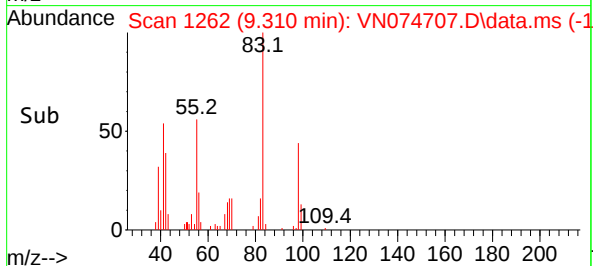
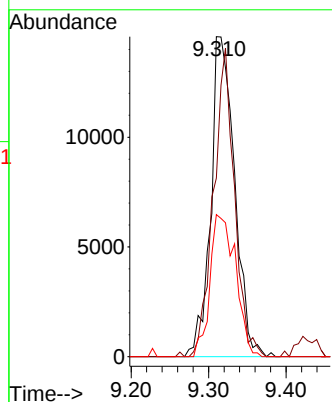
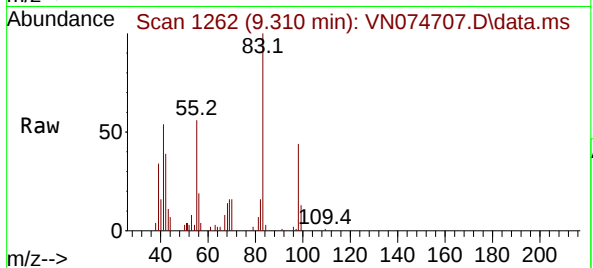
Tgt Ion:	83	Resp:	31178
Ion	Ratio	Lower	Upper
83	100		
55	55.8	57.8	86.8
98	44.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 4.790 ug/l

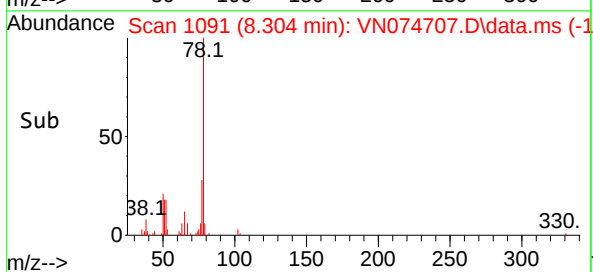
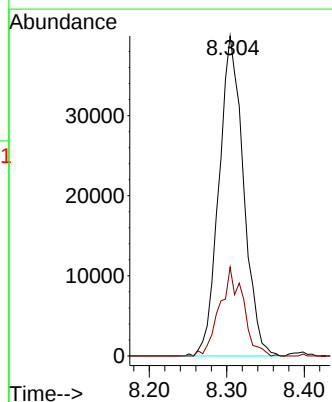
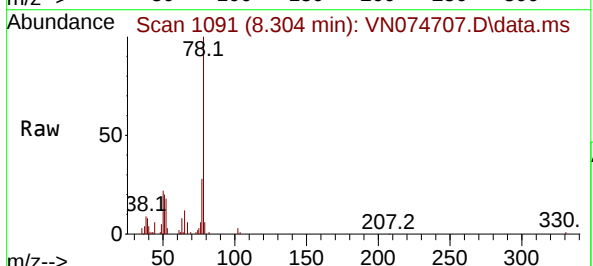
RT: 8.304 min Scan# 1091

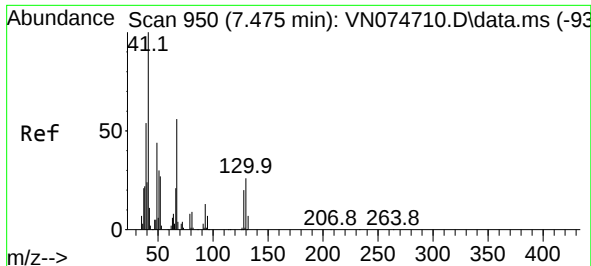
Delta R.T. -0.006 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

Tgt Ion:	78	Resp:	87896
Ion	Ratio	Lower	Upper
78	100		
77	27.7	19.4	29.0





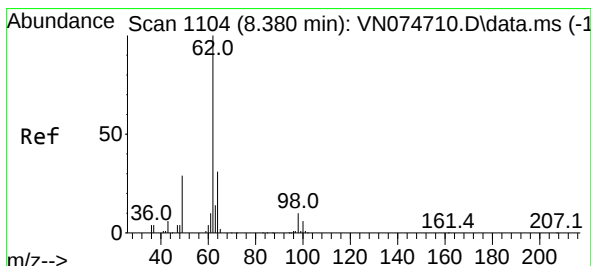
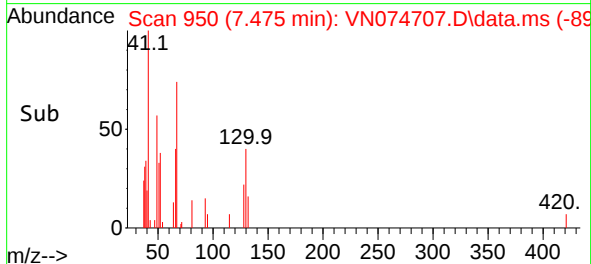
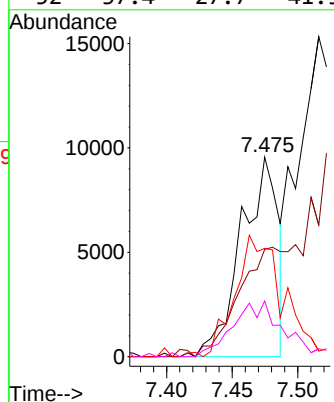
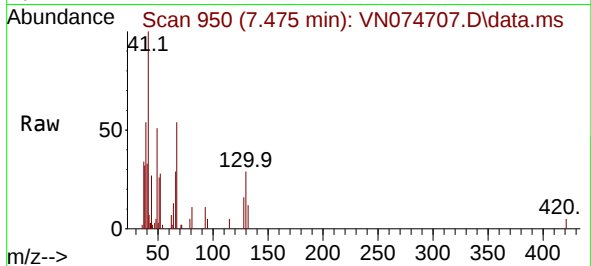
#41
Methacrylonitrile
Concen: 4.670 ug/l
RT: 7.475 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 1868
Ion Ratio Lower Upper
41 100
39 72.4 48.6 73.0
67 78.6 73.4 110.2
52 37.4 27.7 41.5

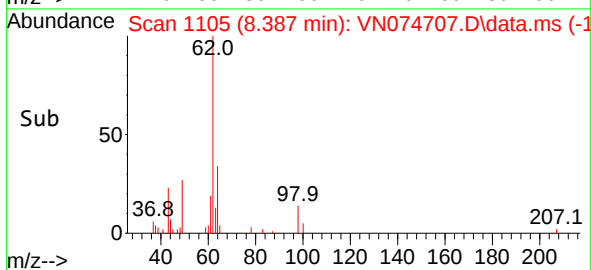
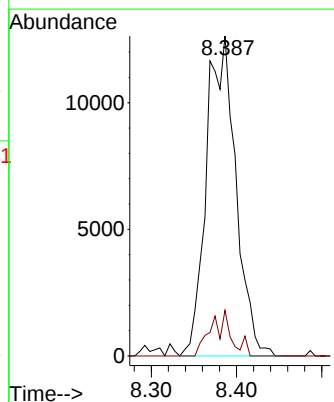
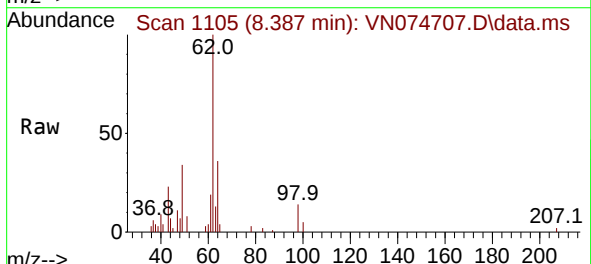
Manual Integrations
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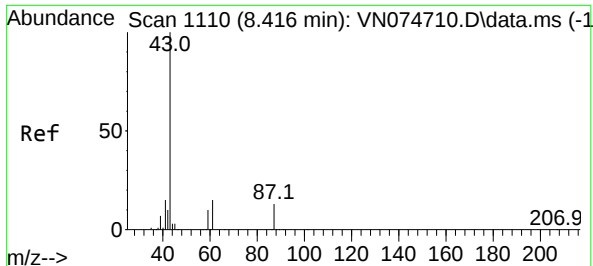
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 4.833 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

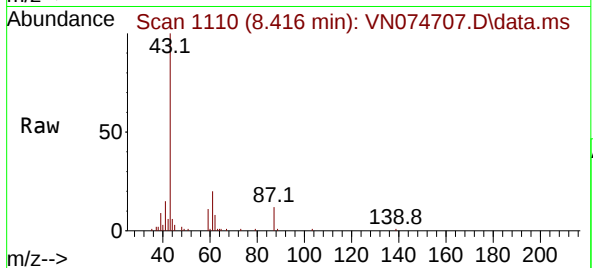
Tgt Ion: 62 Resp: 30351
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 4.657 ug/l
RT: 8.416 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

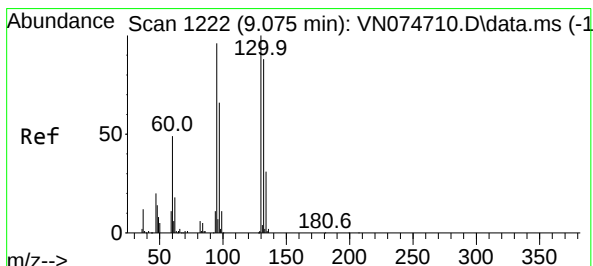
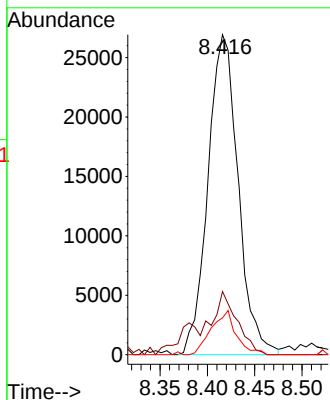
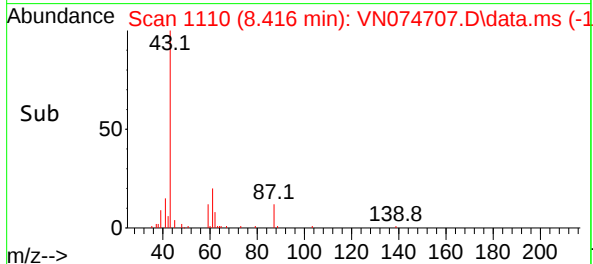
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 5979
Ion Ratio Lower Upper
43 100
61 16.3 21.9 32.9
87 11.4 12.0 18.0

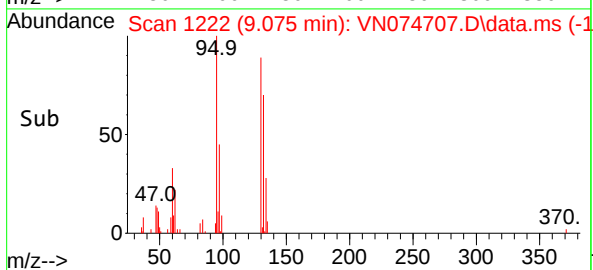
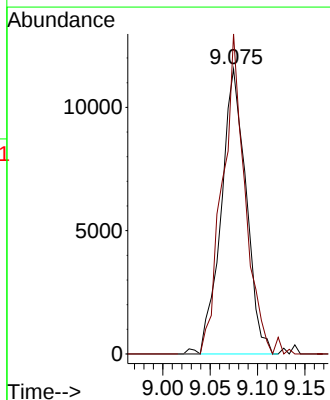
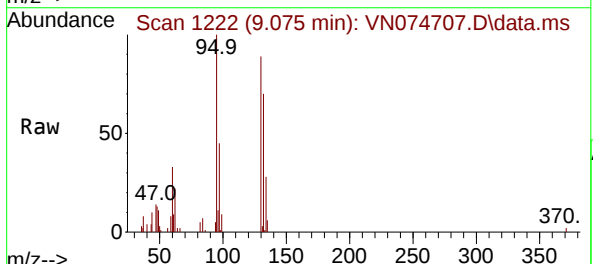
Manual Integrations
APPROVED

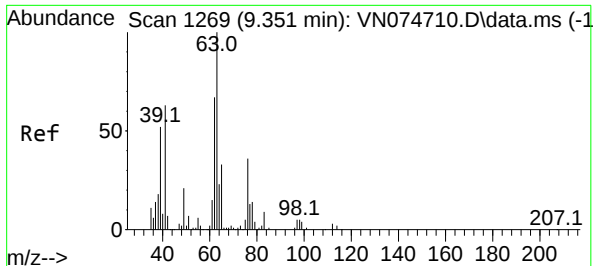
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Trichloroethene
Concen: 5.242 ug/l
RT: 9.075 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion:130 Resp: 21235
Ion Ratio Lower Upper
130 100
95 112.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 5.009 ug/l

RT: 9.357 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2438

Ion Ratio Lower Upper

63 100

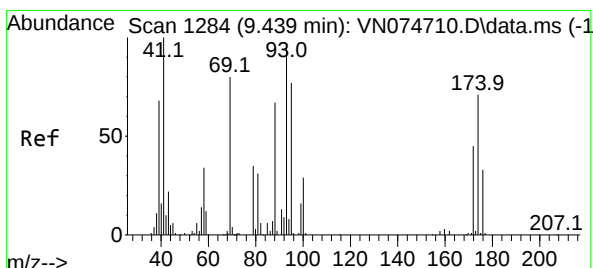
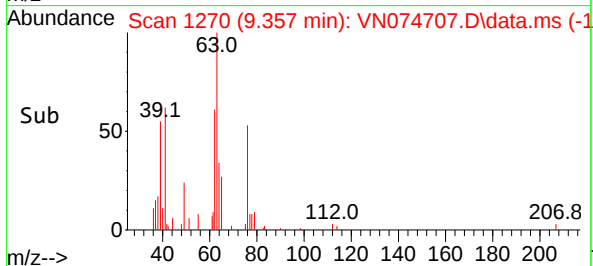
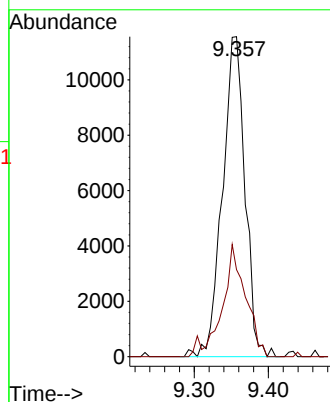
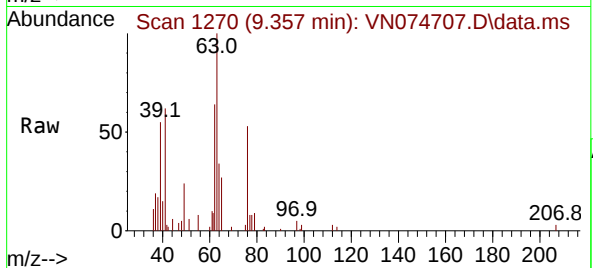
65 27.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 4.530 ug/l

RT: 9.445 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

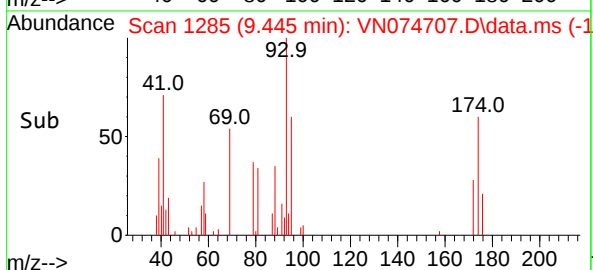
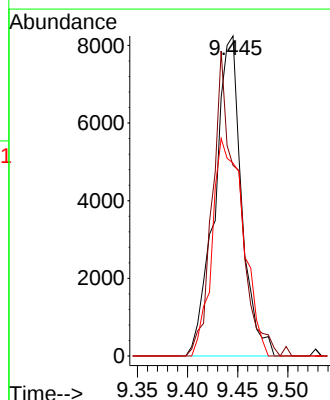
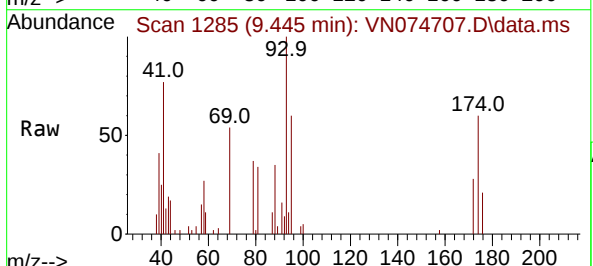
Tgt Ion: 93 Resp: 15365

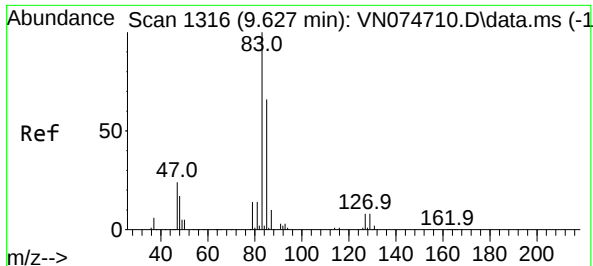
Ion Ratio Lower Upper

93 100

95 88.9 66.9 100.3

174 78.7 86.6 130.0#





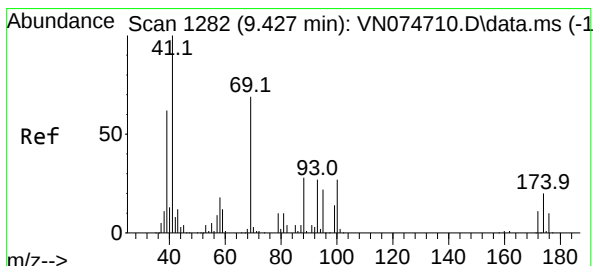
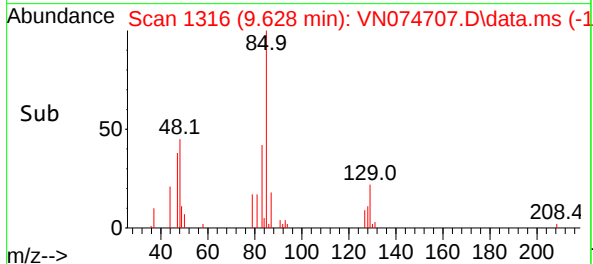
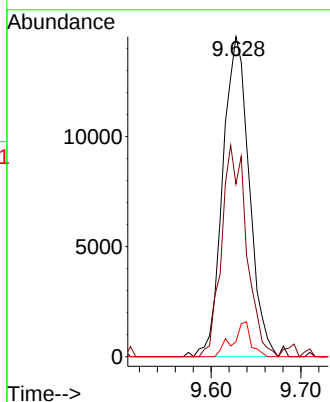
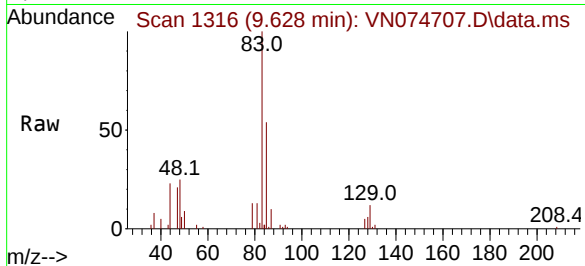
#47
Bromodichloromethane
Concen: 4.812 ug/l
RT: 9.628 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2970
Ion Ratio Lower Upper
83 100
85 53.9 50.5 75.7
127 4.6 6.8 10.2

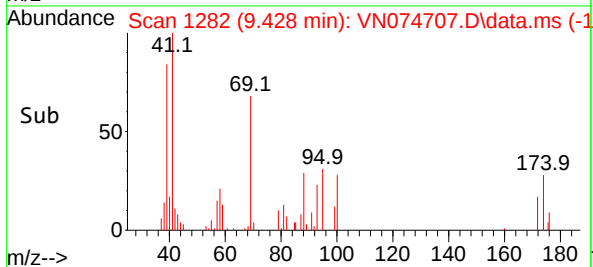
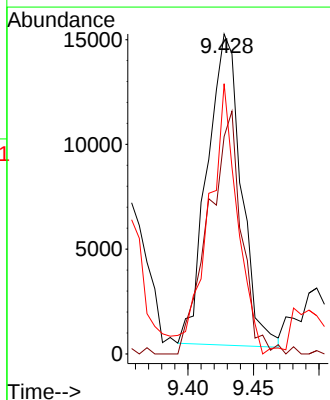
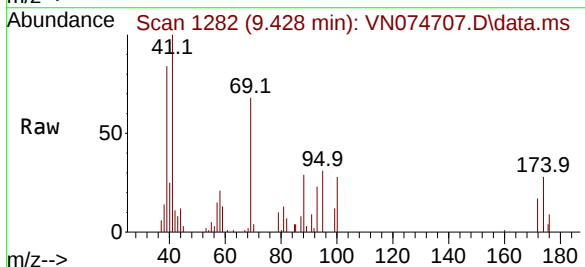
Manual Integrations
APPROVED

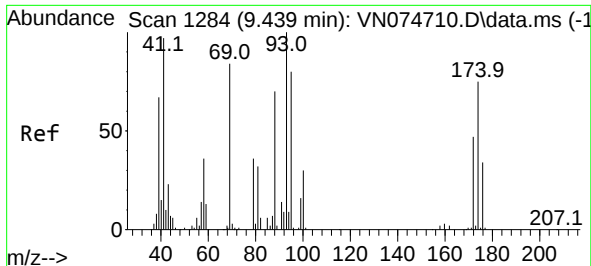
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#48
Methyl methacrylate
Concen: 4.565 ug/l
RT: 9.428 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion: 41 Resp: 26859
Ion Ratio Lower Upper
41 100
69 76.3 74.7 112.1
39 74.0 45.6 68.4





#49

1,4-Dioxane

Concen: 91.553 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN074707.D

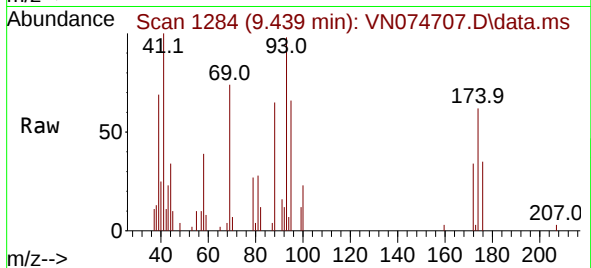
Acq: 03 Oct 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



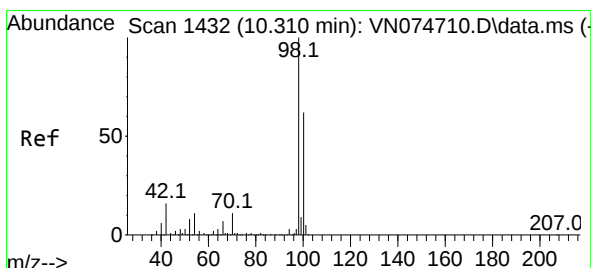
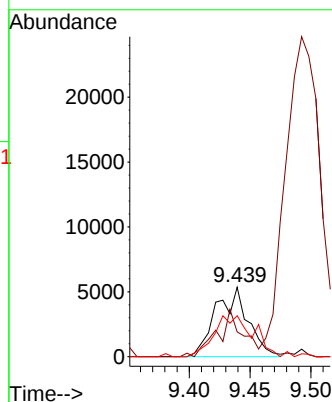
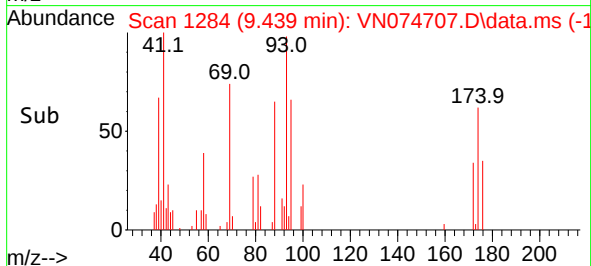
Tgt Ion:	88	Resp:	996
Ion Ratio	Lower	Upper	
88	100		
43	52.8	20.2	30.4
58	70.8	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 4.774 ug/l

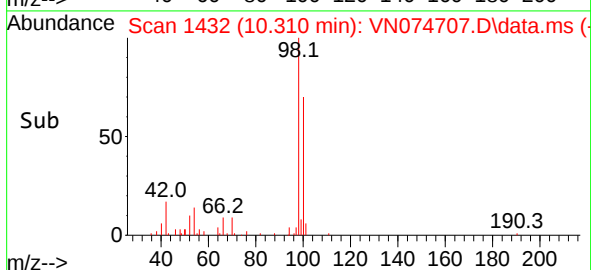
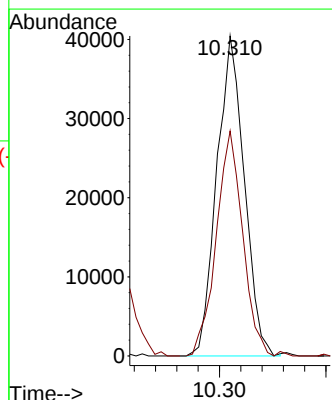
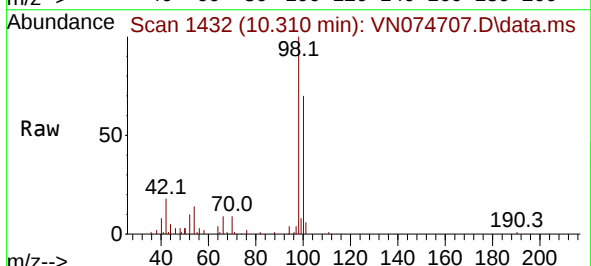
RT: 10.310 min Scan# 1432

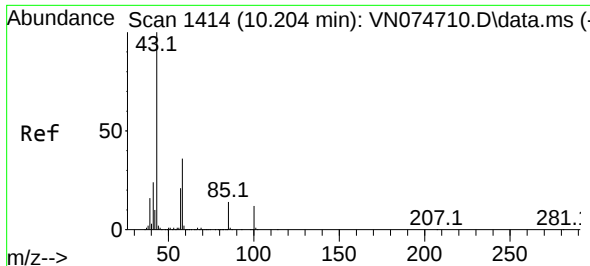
Delta R.T. 0.000 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

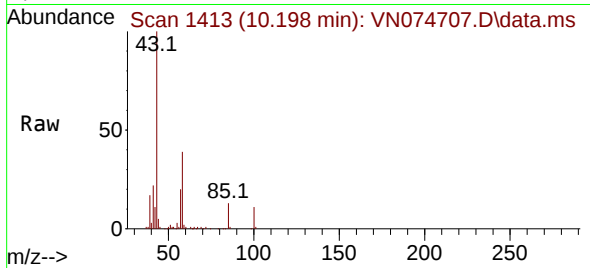
Tgt Ion:	98	Resp:	72512
Ion Ratio	Lower	Upper	
98	100		
100	67.6	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 23.356 ug/l
RT: 10.198 min Scan# 1413
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

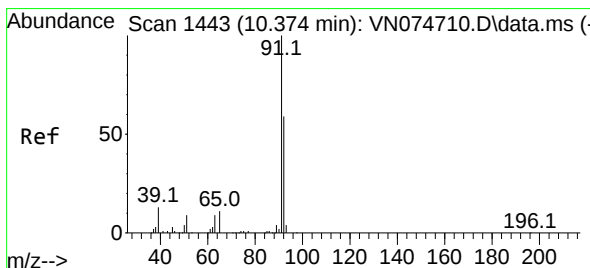
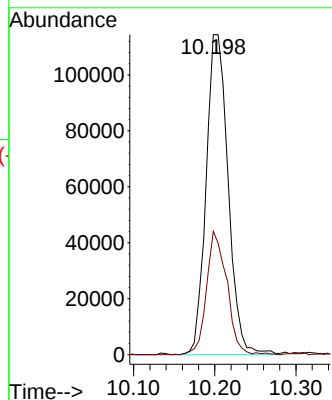
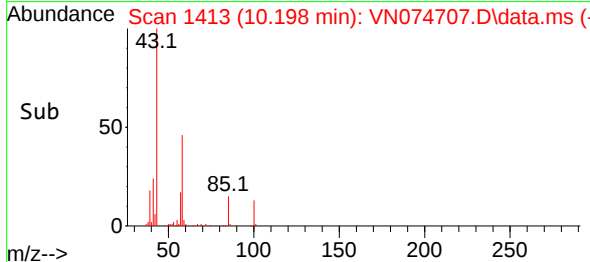
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 21608
Ion Ratio Lower Upper
43 100
58 35.6 34.1 51.1

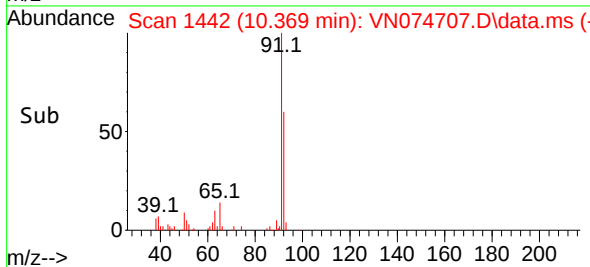
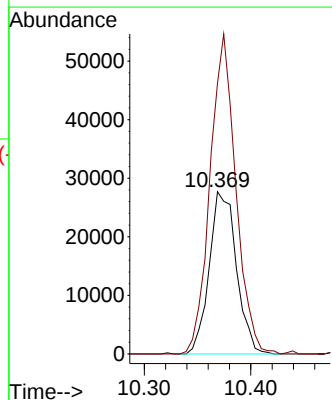
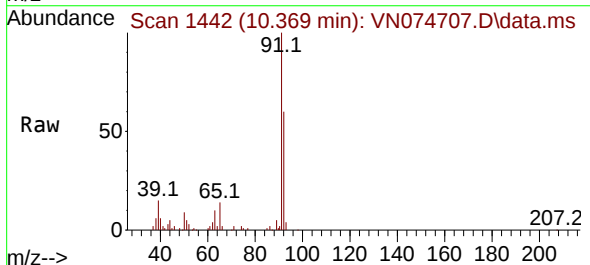
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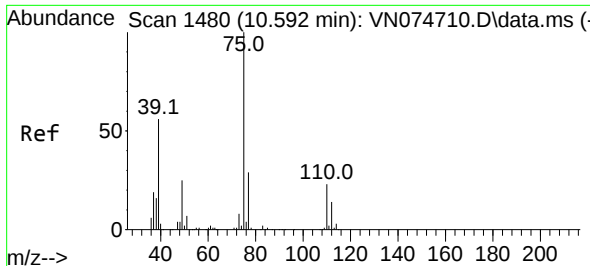
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#52
Toluene
Concen: 4.391 ug/l
RT: 10.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion: 92 Resp: 49018
Ion Ratio Lower Upper
92 100
91 187.2 138.6 207.8





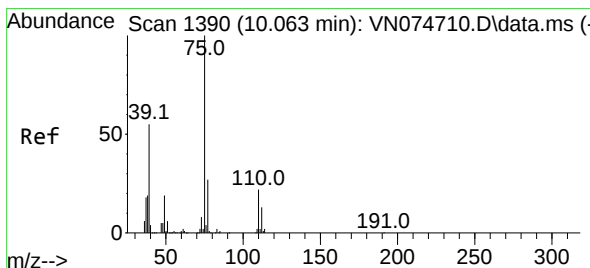
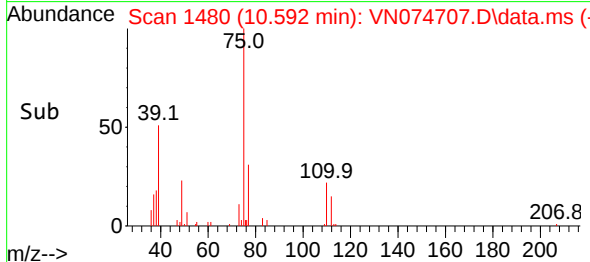
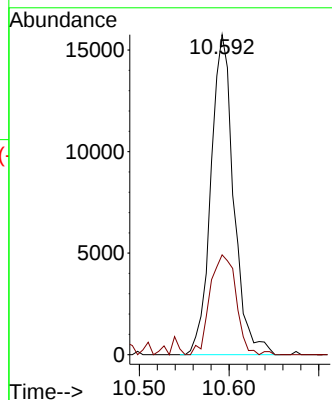
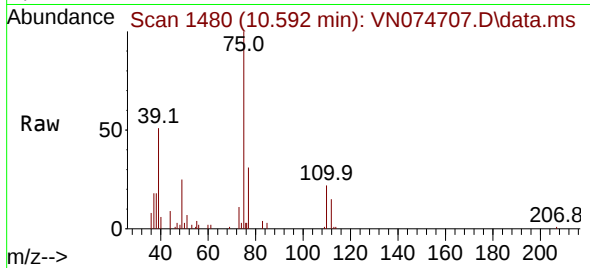
#53
 t-1,3-Dichloropropene
 Concen: 4.578 ug/l
 RT: 10.592 min Scan# 1480
 Delta R.T. 0.000 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 27852
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4

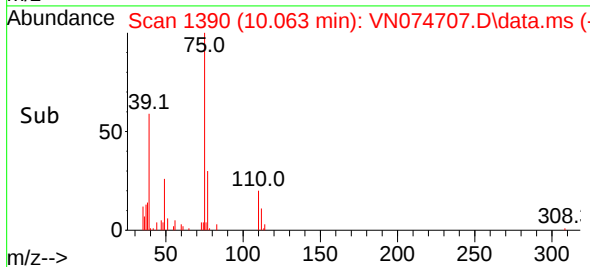
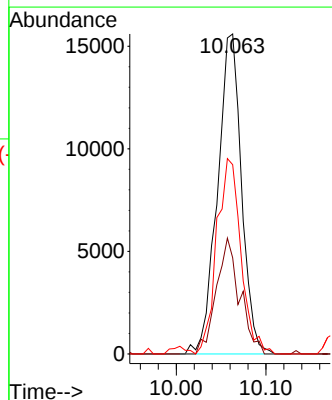
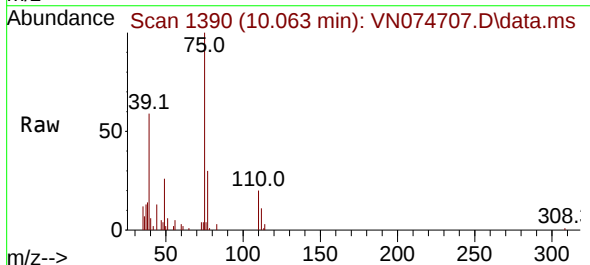
Manual Integrations
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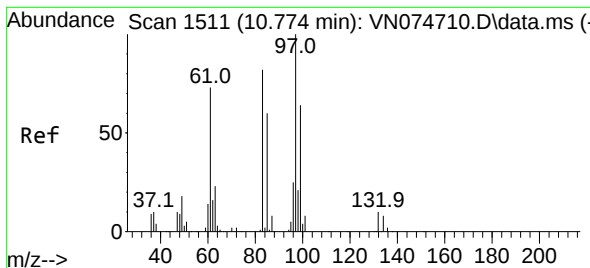
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#54
 cis-1,3-Dichloropropene
 Concen: 4.272 ug/l
 RT: 10.063 min Scan# 1390
 Delta R.T. 0.000 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01

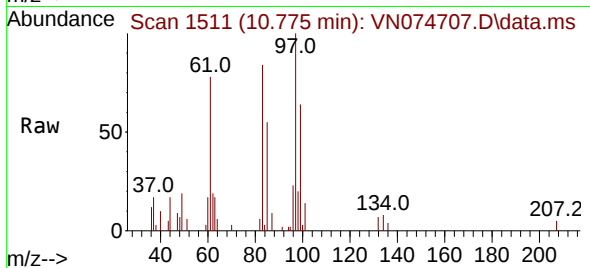
Tgt Ion: 75 Resp: 29068
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.2 37.8
 39 59.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 4.858 ug/l
RT: 10.775 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

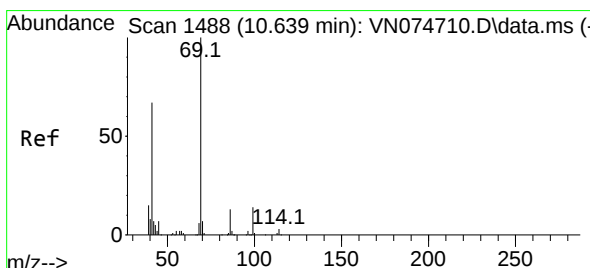
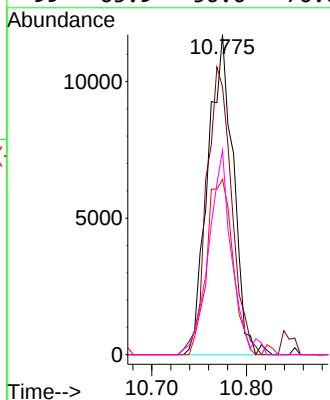
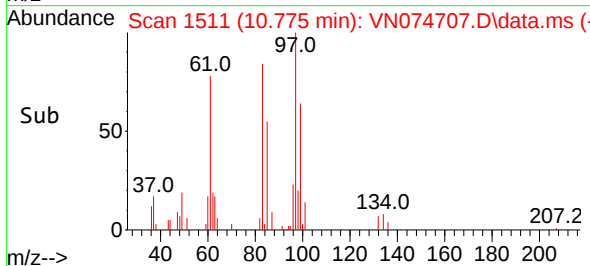
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



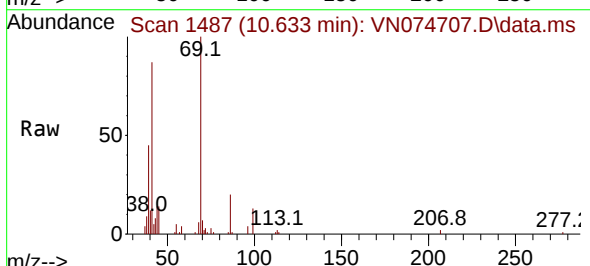
Tgt Ion:	97	Resp:	2181
Ion Ratio	100	Lower	Upper
97	100		
83	83.7	66.2	99.4
85	54.8	43.9	65.9
99	63.9	50.6	76.0

Manual Integrations
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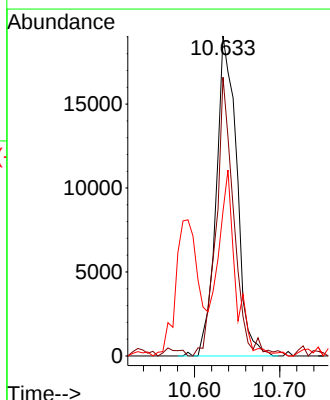
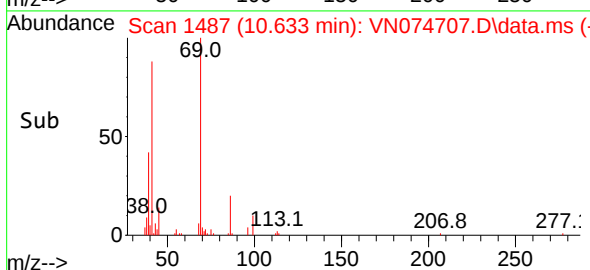
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

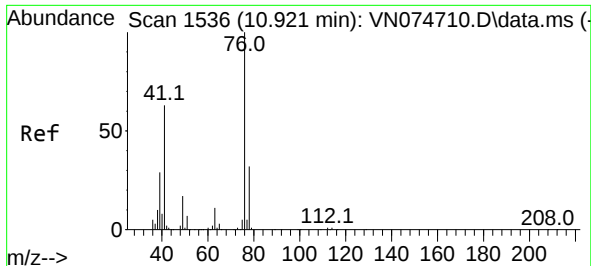


#56
Ethyl methacrylate
Concen: 4.531 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



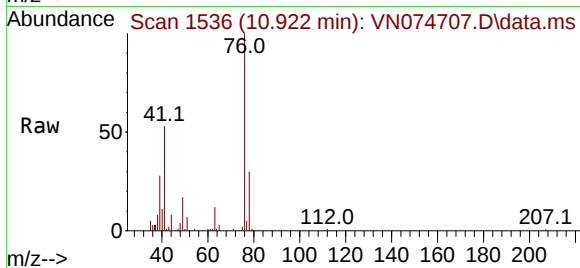
Tgt Ion:	69	Resp:	32032
Ion Ratio	100	Lower	Upper
69	100		
41	72.1	47.8	71.6#
39	49.3	27.3	40.9#





#57
1,3-Dichloropropane
Concen: 4.835 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

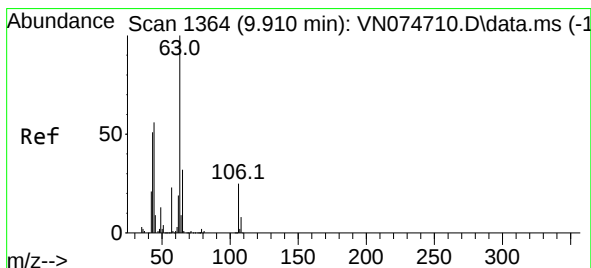
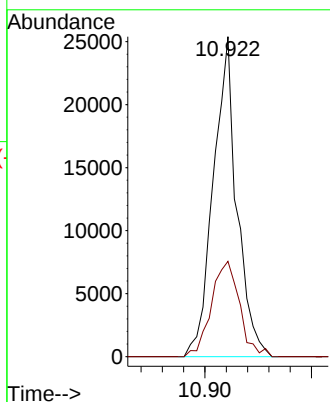
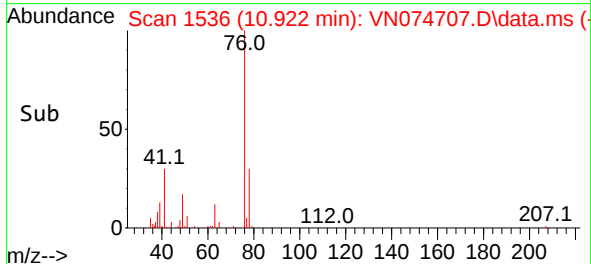
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



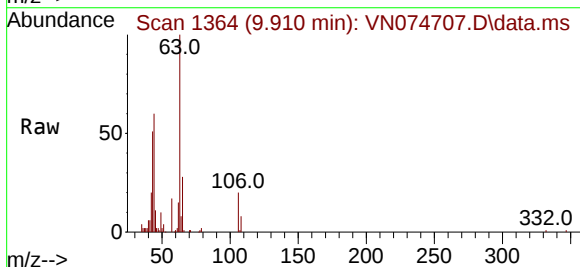
Tgt Ion: 76 Resp: 39012
Ion Ratio Lower Upper
76 100
78 35.7 26.2 39.2

Manual Integrations
APPROVED

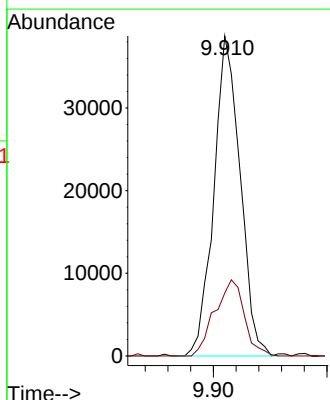
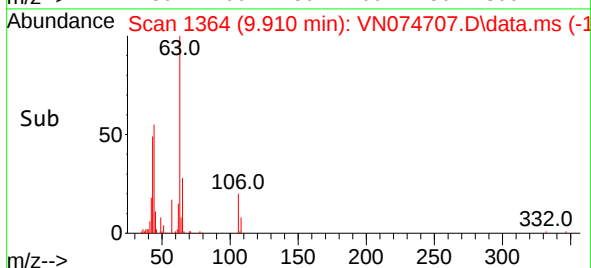
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

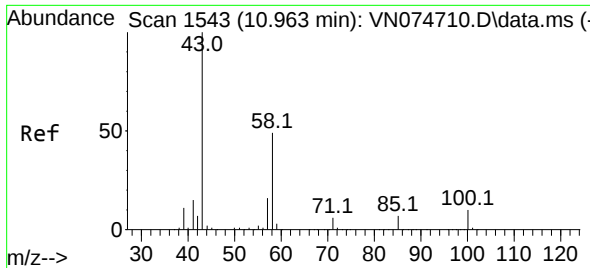


#58
2-Chloroethyl Vinyl ether
Concen: 22.864 ug/l
RT: 9.910 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



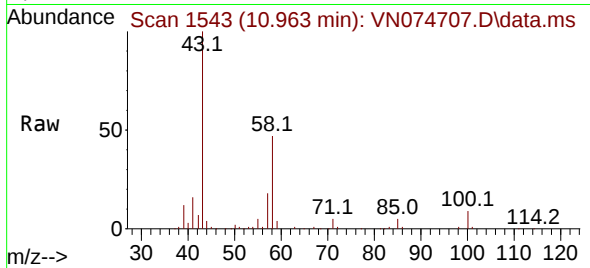
Tgt Ion: 63 Resp: 62328
Ion Ratio Lower Upper
63 100
106 26.6 24.6 36.8





#59
2-Hexanone
Concen: 22.537 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

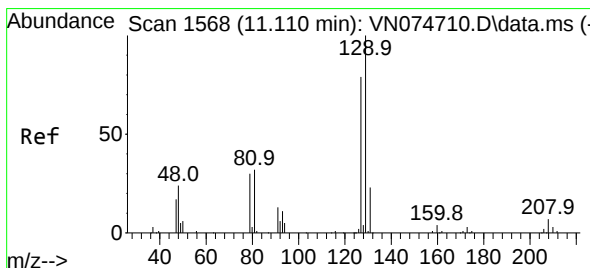
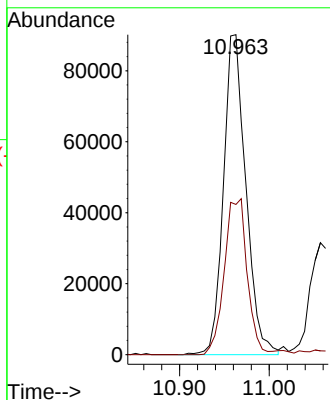
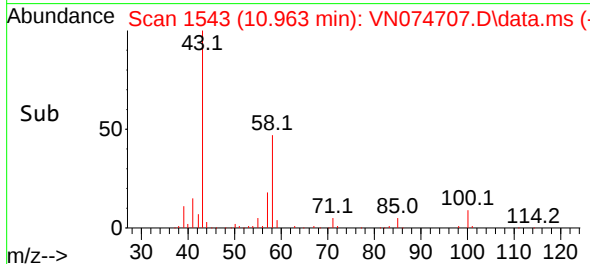
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



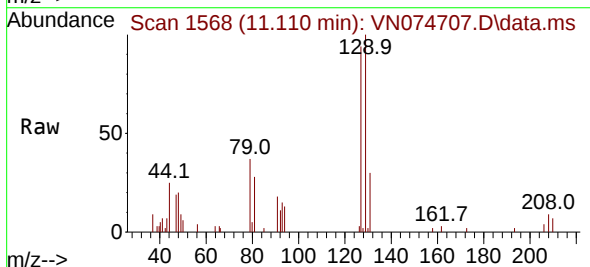
Tgt Ion: 43 Resp: 15623
Ion Ratio Lower Upper
43 100
58 49.8 29.7 89.1

Manual Integrations
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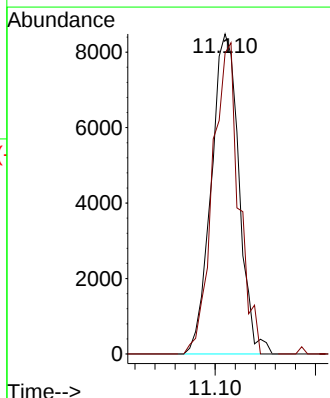
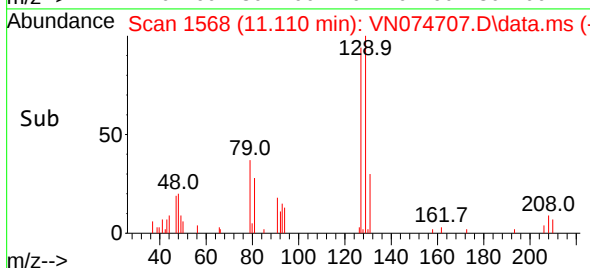
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

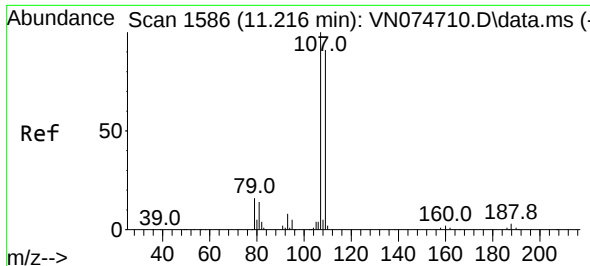


#60
Dibromochloromethane
Concen: 3.964 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



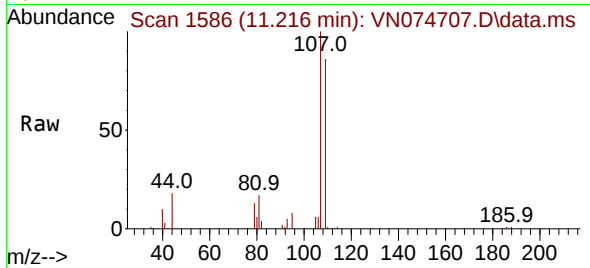
Tgt Ion:129 Resp: 16285
Ion Ratio Lower Upper
129 100
127 92.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.860 ug/l
RT: 11.216 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

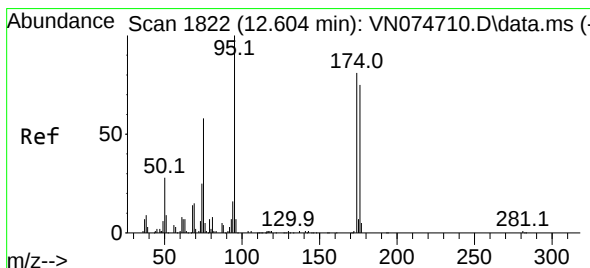
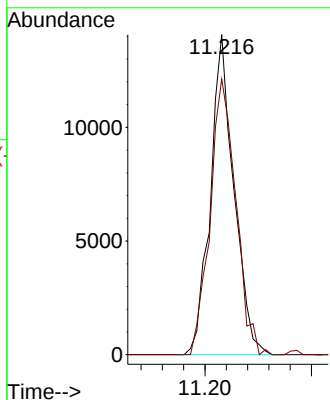
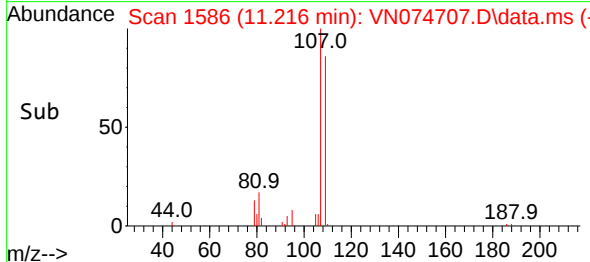
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



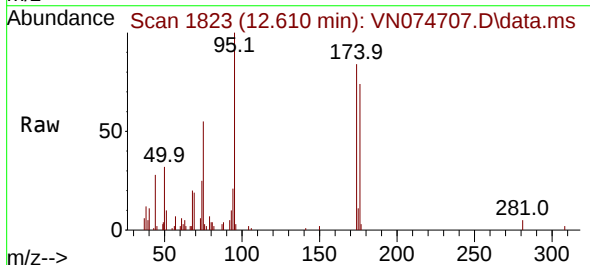
Tgt Ion: 107 Resp: 21578
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6

Manual Integrations
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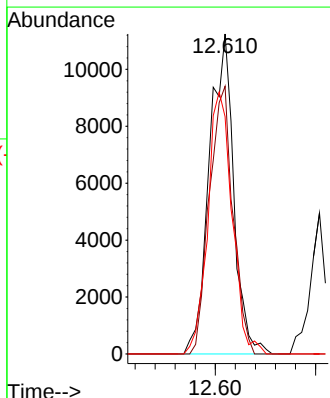
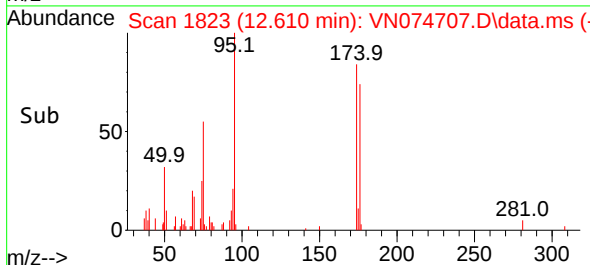
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

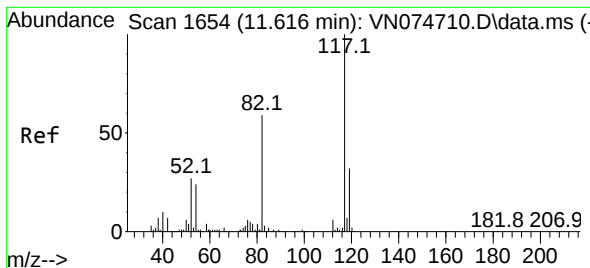


#62
4-Bromofluorobenzene
Concen: 4.266 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



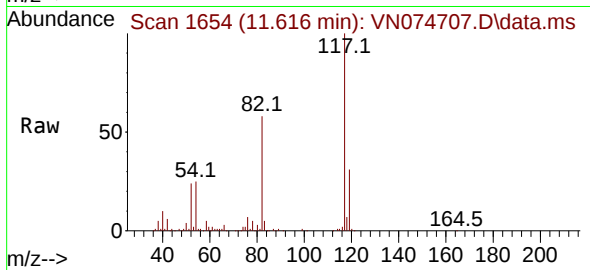
Tgt Ion: 95 Resp: 18922
Ion Ratio Lower Upper
95 100
174 81.4 0.0 167.6
176 82.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

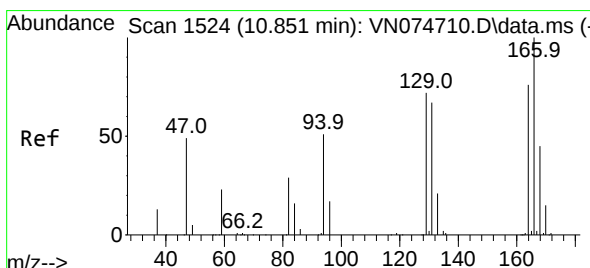
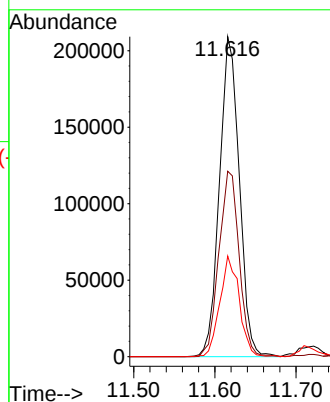
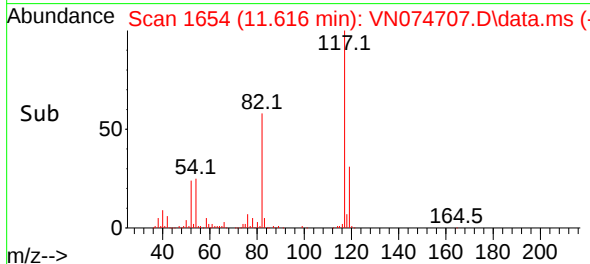
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



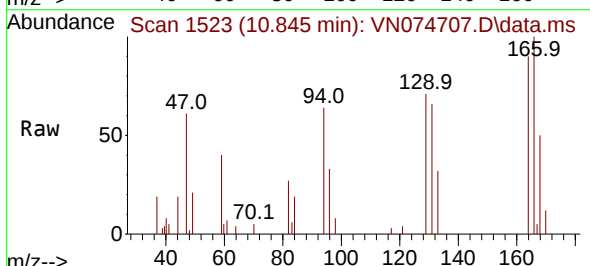
Tgt Ion:117 Resp: 35541
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 31.4 25.4 38.0

Manual Integrations
APPROVED

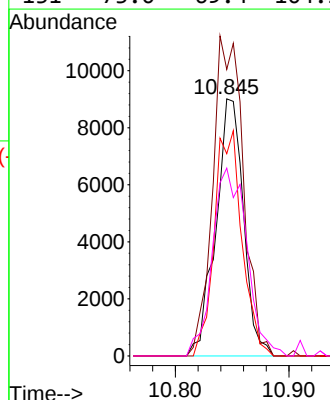
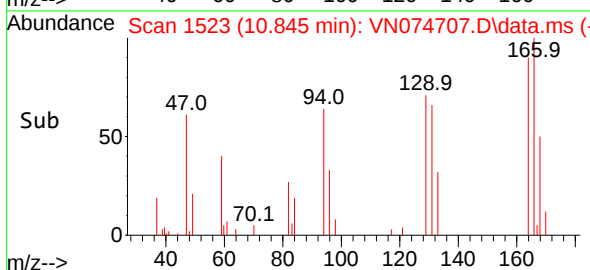
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

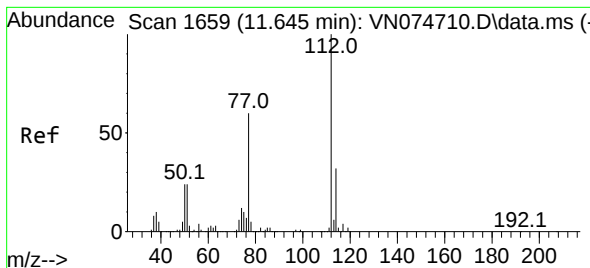


#64
Tetrachloroethene
Concen: 5.252 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



Tgt Ion:164 Resp: 15230
Ion Ratio Lower Upper
164 100
166 111.4 104.2 156.2
129 78.6 73.9 110.9
131 73.0 69.4 104.2





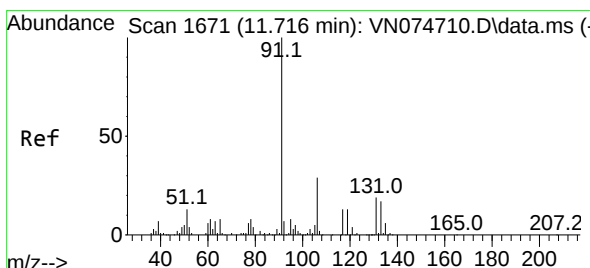
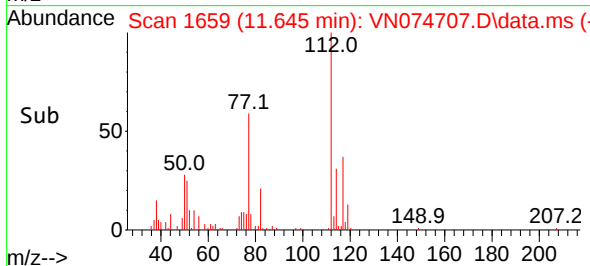
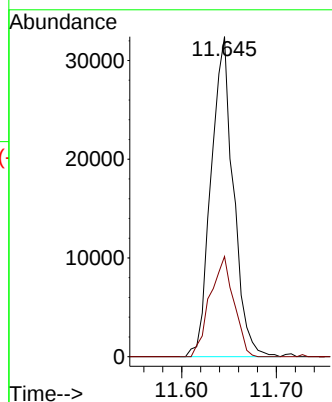
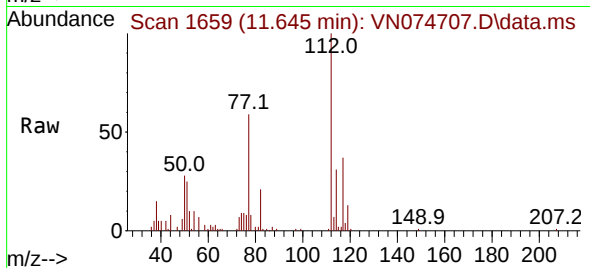
#65
Chlorobenzene
Concen: 4.926 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 53159
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

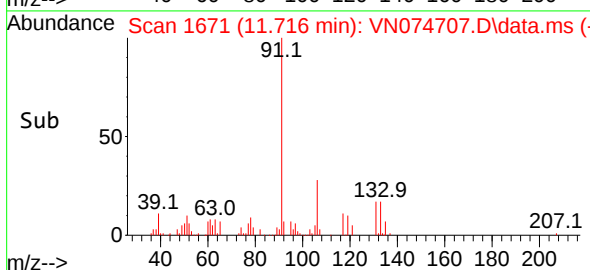
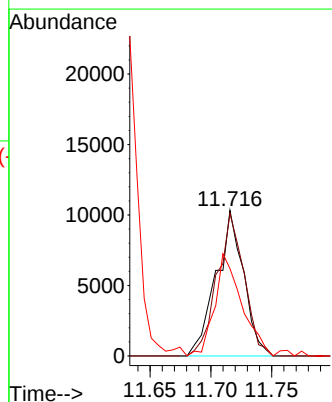
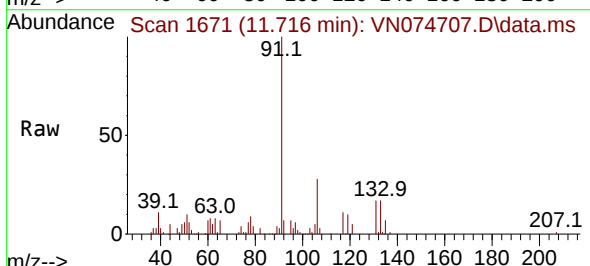
Manual Integrations
APPROVED

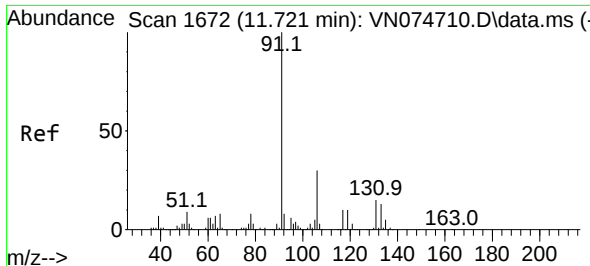
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.553 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion:131 Resp: 16211
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 69.2 33.4 100.2





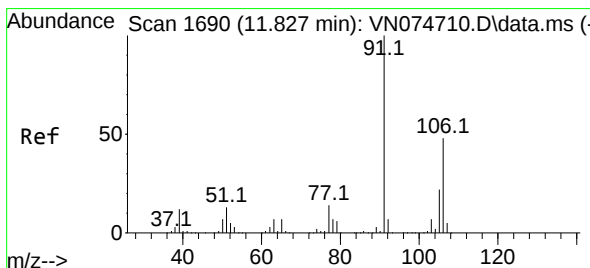
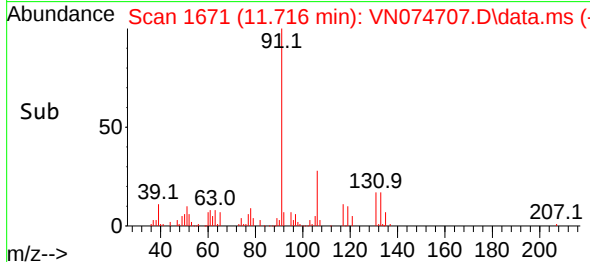
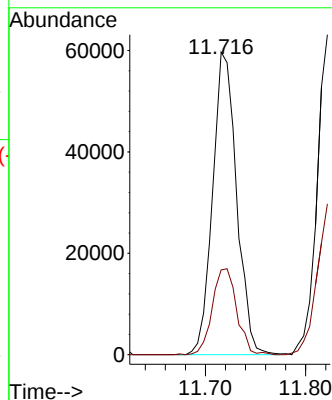
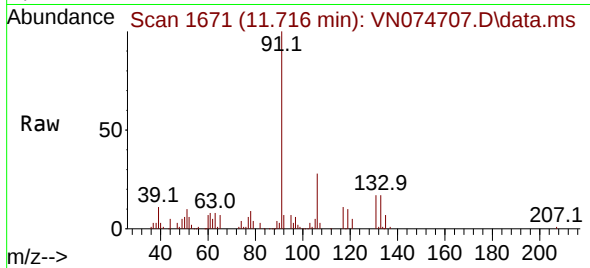
#67
Ethyl Benzene
Concen: 4.940 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 99344
Ion Ratio Lower Upper
91 100
106 28.0 24.9 37.3

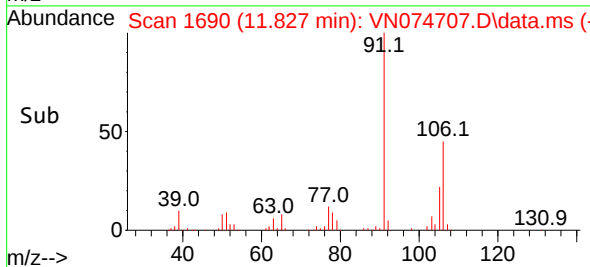
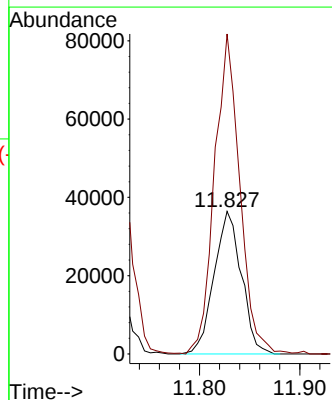
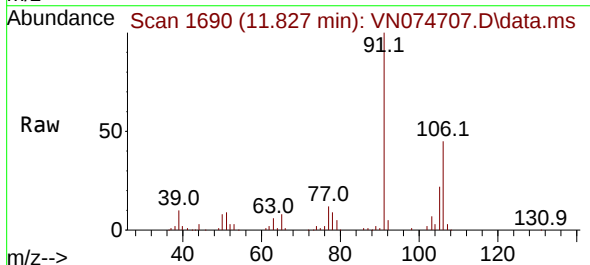
Manual Integrations
APPROVED

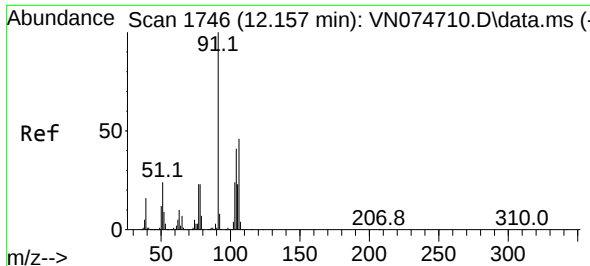
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#68
m/p-Xylenes
Concen: 9.190 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion:106 Resp: 68879
Ion Ratio Lower Upper
106 100
91 206.3 158.9 238.3





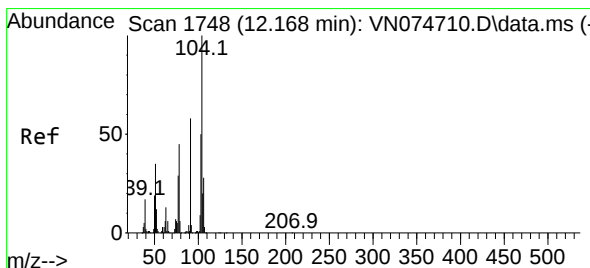
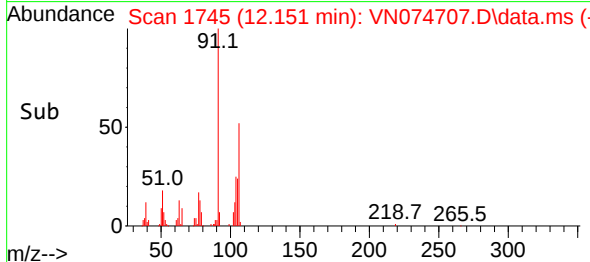
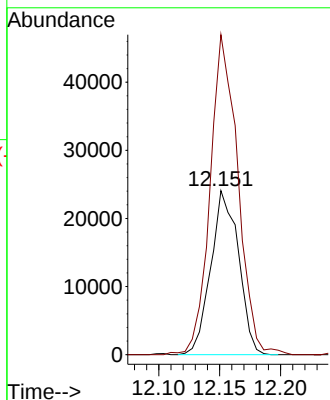
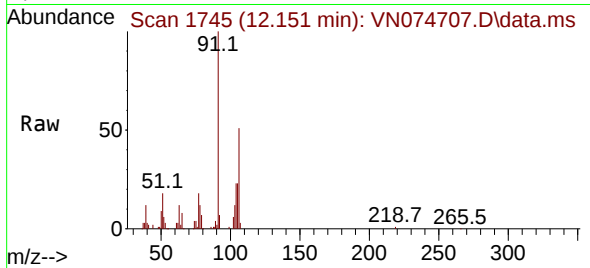
#69
o-Xylene
Concen: 5.073 ug/l
RT: 12.151 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 38158
Ion Ratio Lower Upper
106 100
91 195.2 106.0 318.0

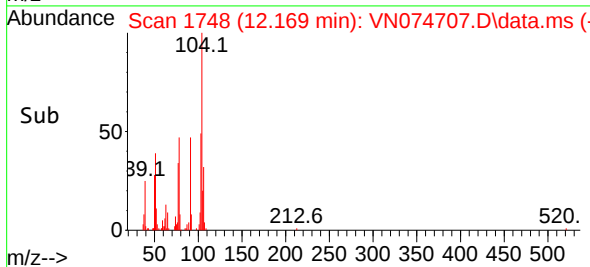
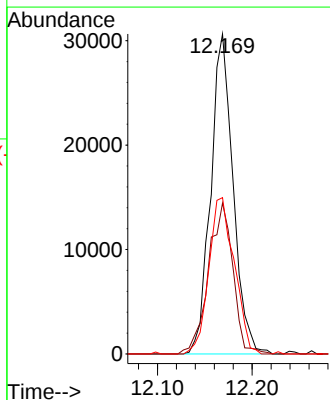
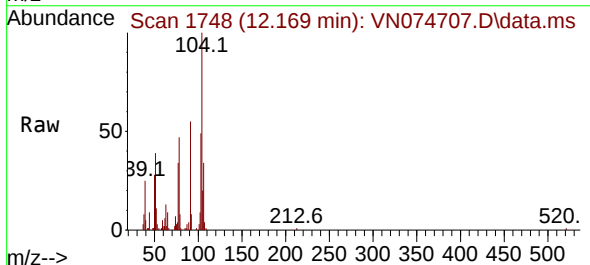
Manual Integrations
APPROVED

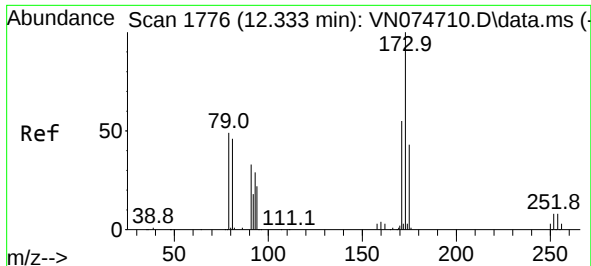
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
Styrene
Concen: 4.190 ug/l
RT: 12.169 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

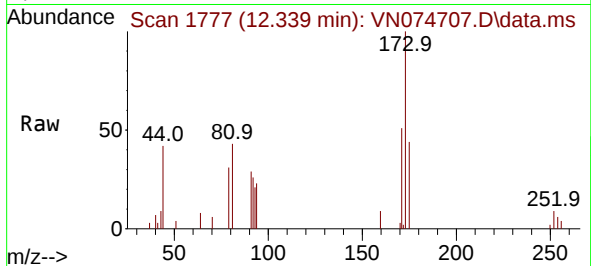
Tgt Ion:104 Resp: 50306
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 55.7 44.0 66.0





#71
Bromoform
Concen: 4.396 ug/l
RT: 12.339 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

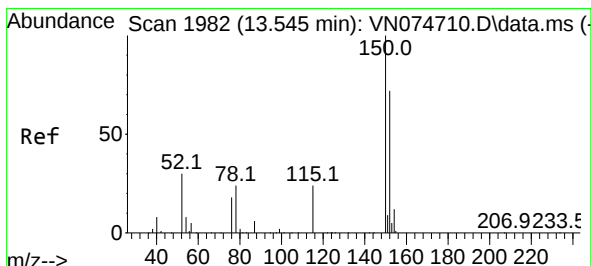
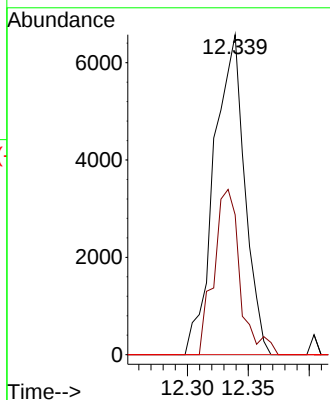
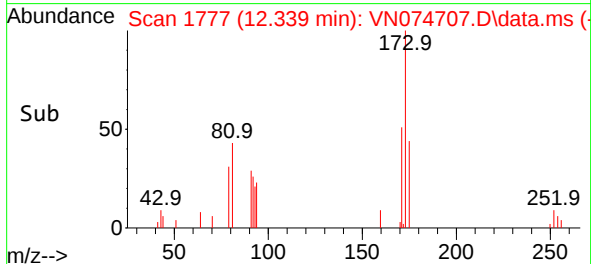
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



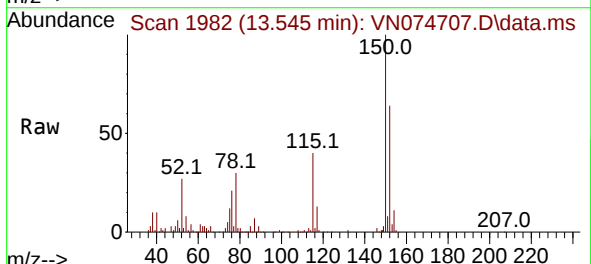
Tgt Ion:173 Resp: 11519
Ion Ratio Lower Upper
173 100
175 44.1 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

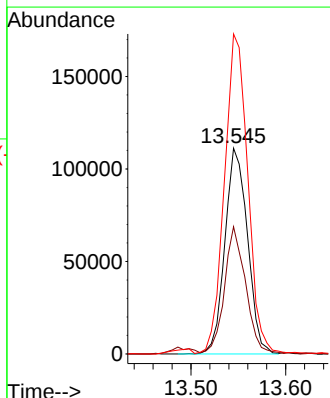
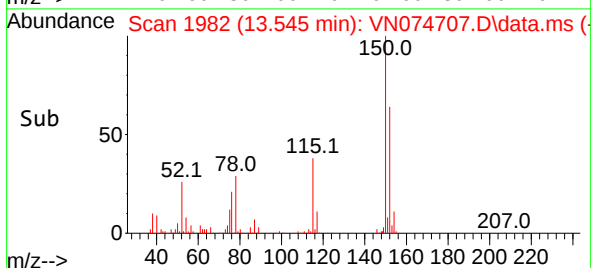
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

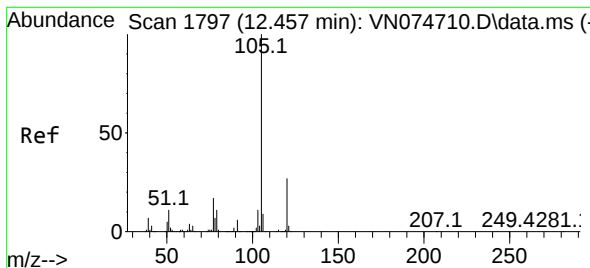


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



Tgt Ion:152 Resp: 184498
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 159.9 0.0 356.2





#73

Isopropylbenzene

Concen: 5.294 ug/l

RT: 12.457 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 9025

Ion Ratio Lower Upper

105 100

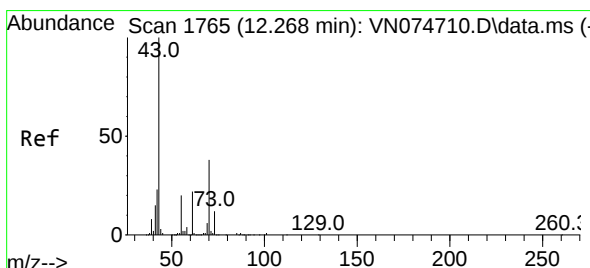
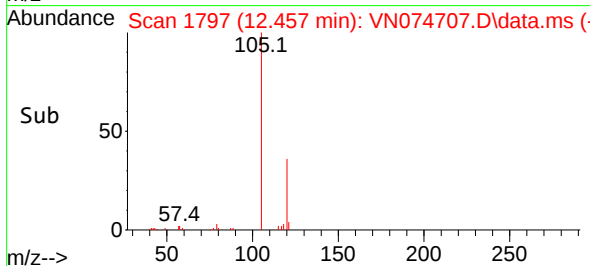
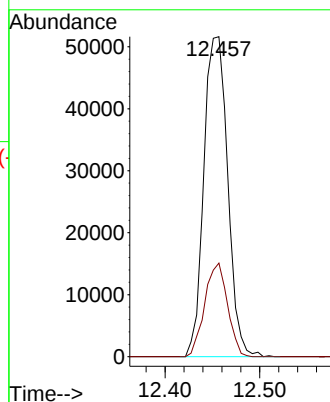
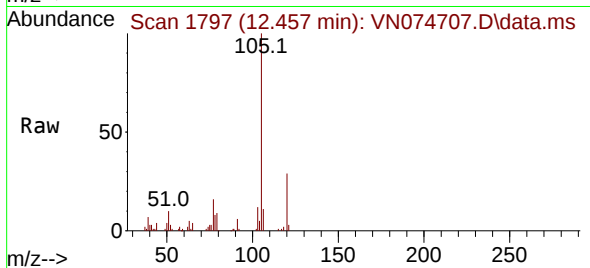
120 27.9 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#74

N-ethyl acetate

Concen: 4.885 ug/l

RT: 12.269 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

Tgt Ion: 43 Resp: 41162

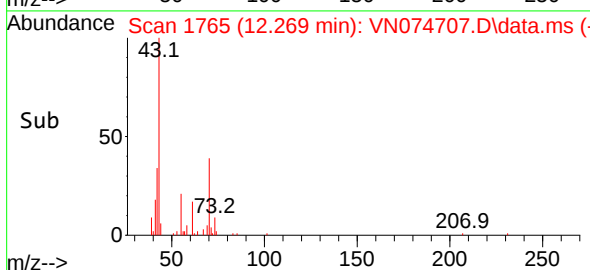
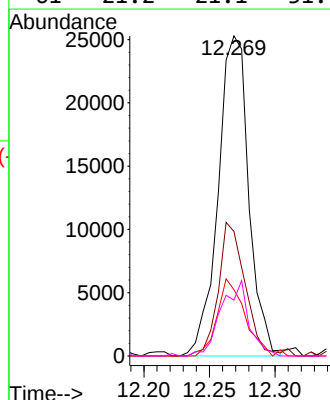
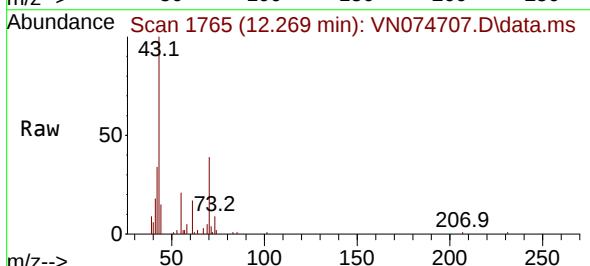
Ion Ratio Lower Upper

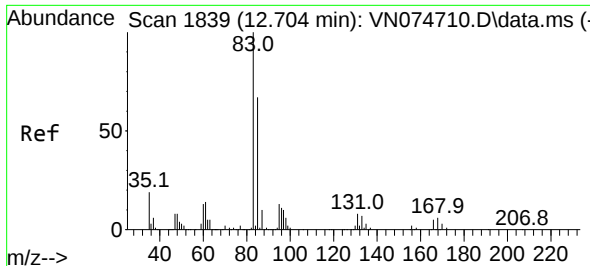
43 100

70 36.8 39.0 58.4

55 21.9 21.1 31.7

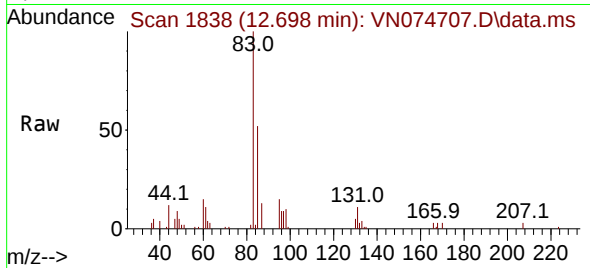
61 21.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.873 ug/l
RT: 12.698 min Scan# 1838
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

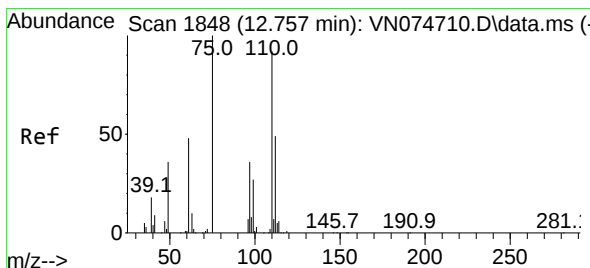
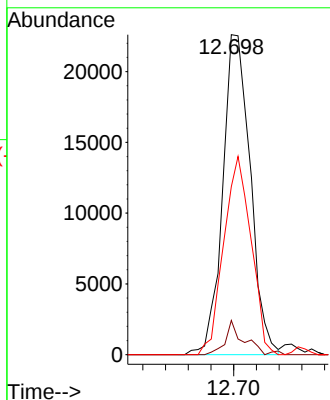
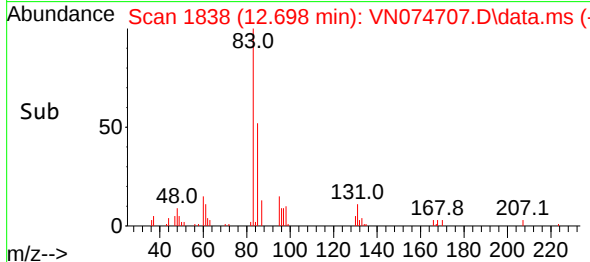
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 38180
Ion Ratio Lower Upper
83 100
131 7.2 5.3 15.9
85 61.4 32.3 96.9

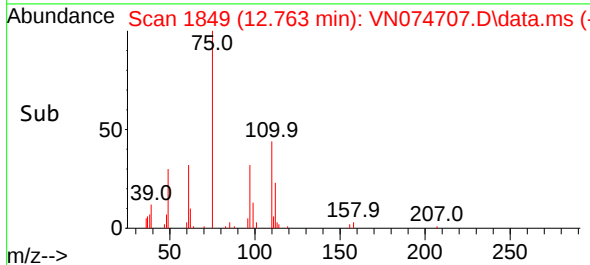
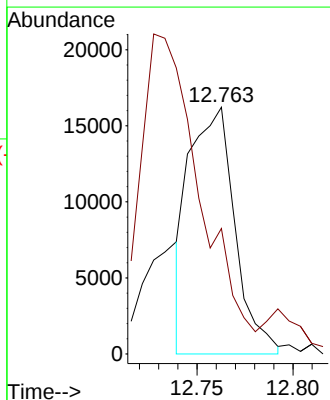
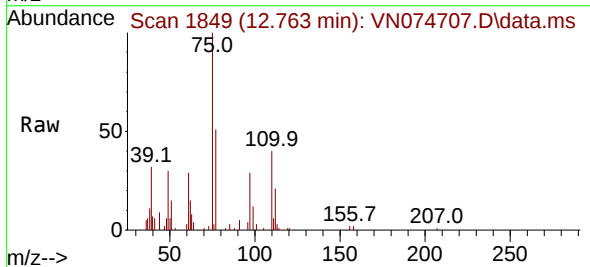
Manual Integrations
APPROVED

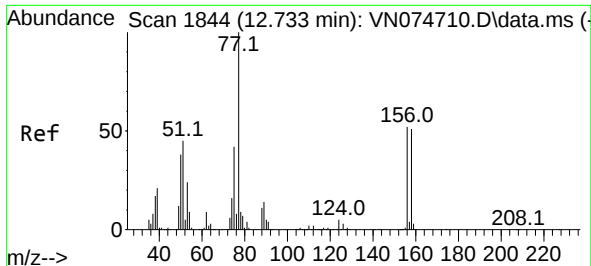
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#76
1,2,3-Trichloropropane
Concen: 5.246 ug/l m
RT: 12.763 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

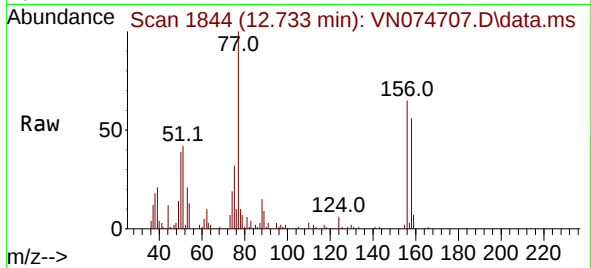
Tgt Ion: 75 Resp: 26771
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 5.517 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

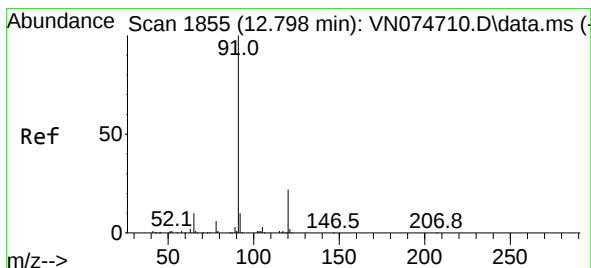
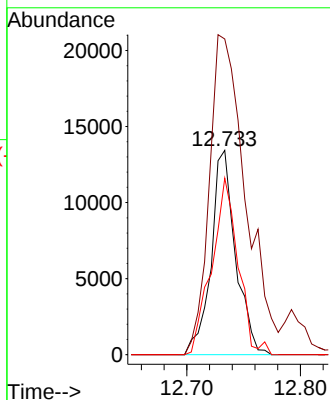
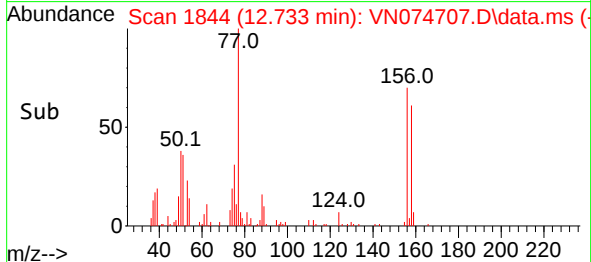
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 20104
Ion Ratio Lower Upper
156 100
77 232.7 100.5 301.5
158 93.3 48.9 146.6

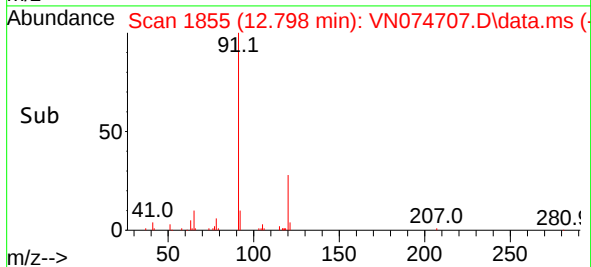
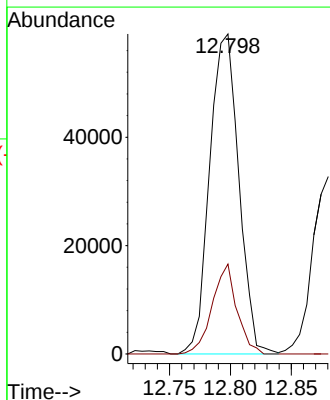
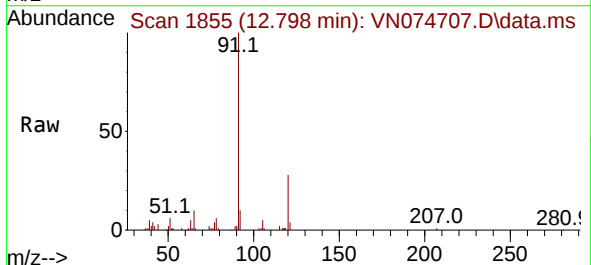
Manual Integrations
APPROVED

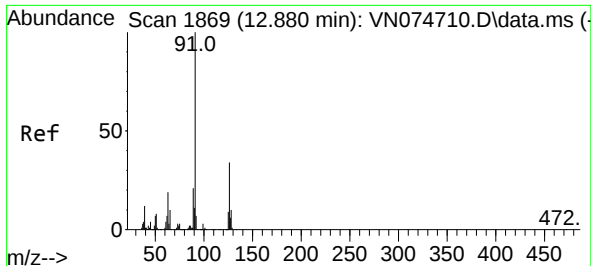
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 5.046 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

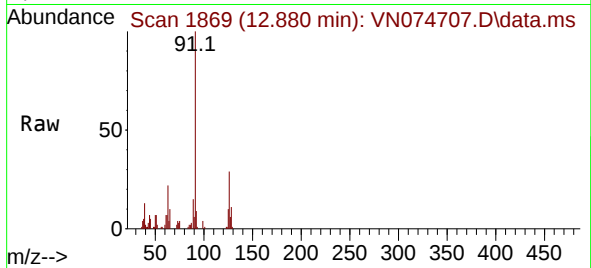
Tgt Ion: 91 Resp: 98484
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 5.218 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

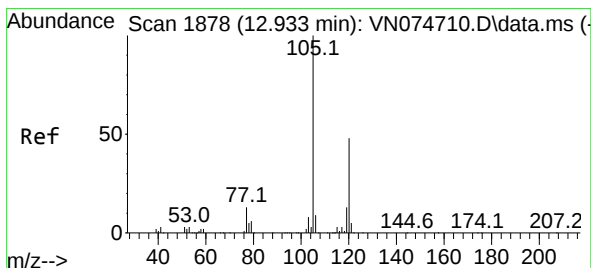
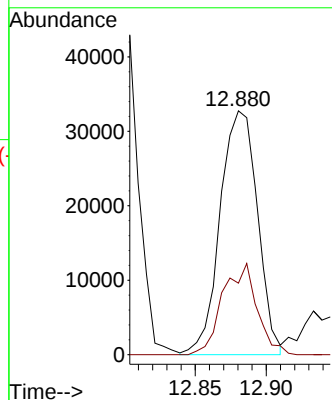
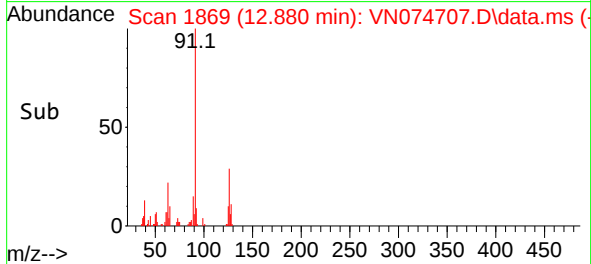
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



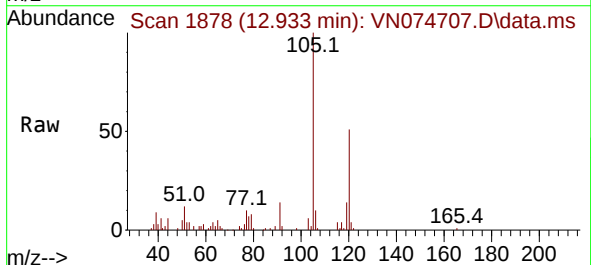
Tgt Ion: 91 Resp: 60010
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.9

Manual Integrations
APPROVED

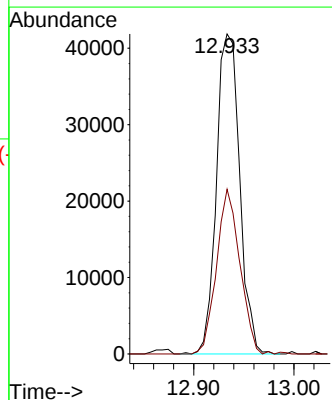
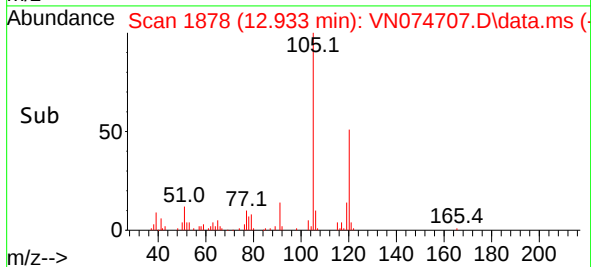
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

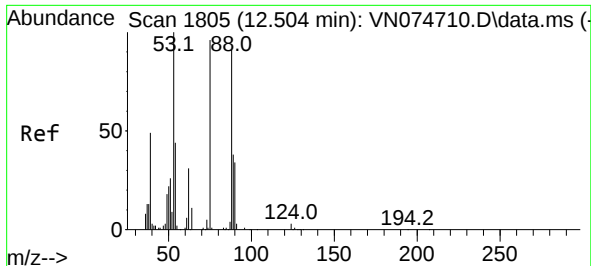


#80
1,3,5-Trimethylbenzene
Concen: 4.948 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



Tgt Ion: 105 Resp: 67332
Ion Ratio Lower Upper
105 100
120 51.9 24.9 74.7





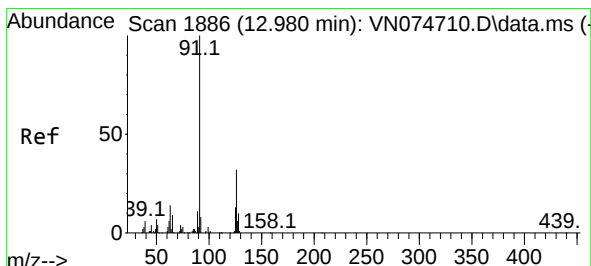
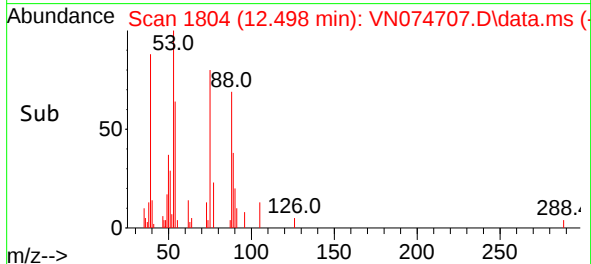
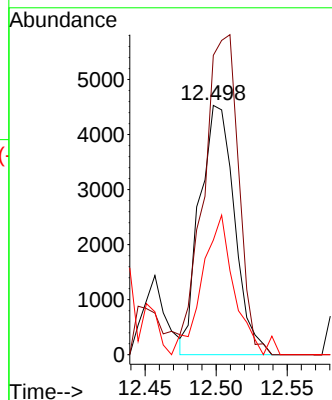
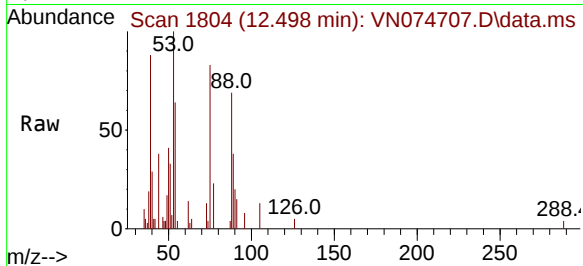
#81
trans-1,4-Dichloro-2-butene
Concen: 4.815 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 7689
Ion Ratio Lower Upper
75 100
53 128.4 78.0 117.0
89 50.9 37.2 55.8

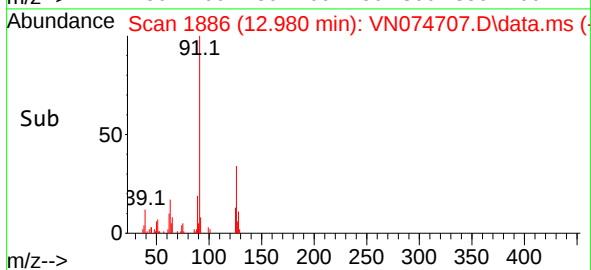
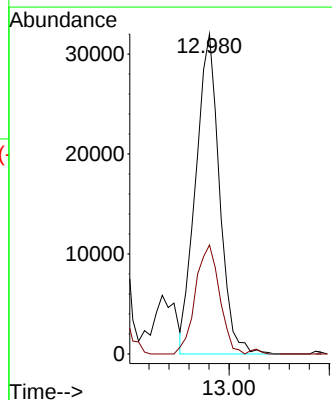
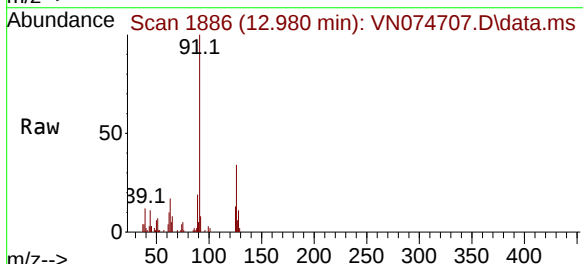
Manual Integrations
APPROVED

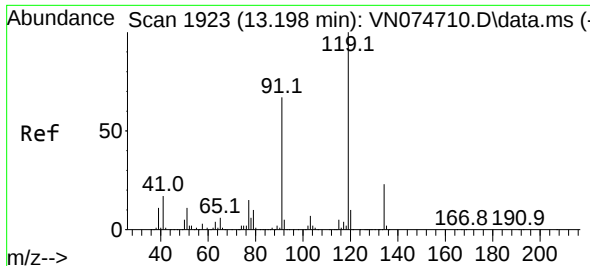
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 4.732 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

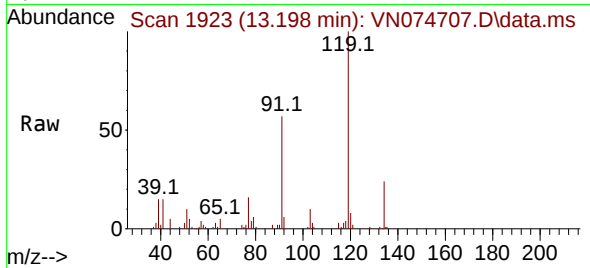
Tgt Ion: 91 Resp: 52628
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 5.390 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

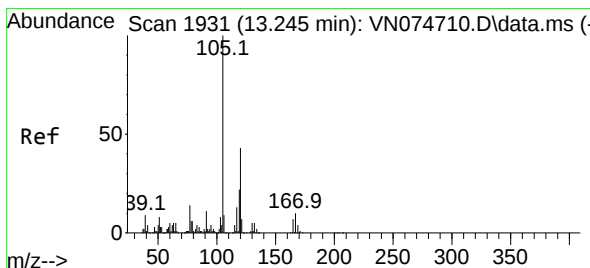
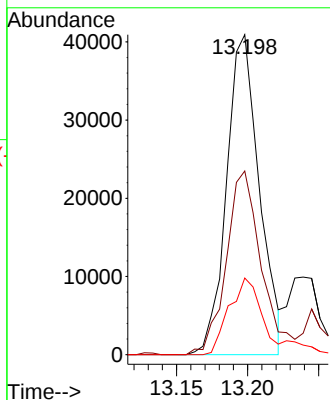
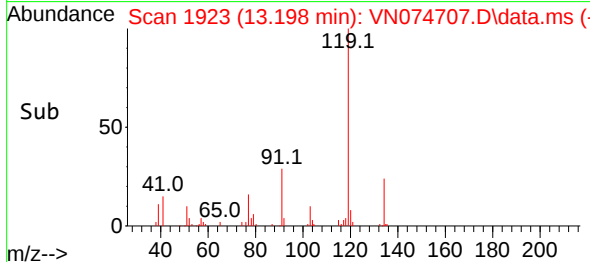
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



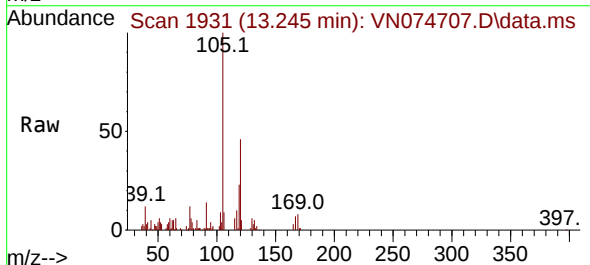
Tgt Ion:119 Resp: 65619
Ion Ratio Lower Upper
119 100
91 61.4 31.6 94.8
134 26.7 13.7 41.1

Manual Integrations
APPROVED

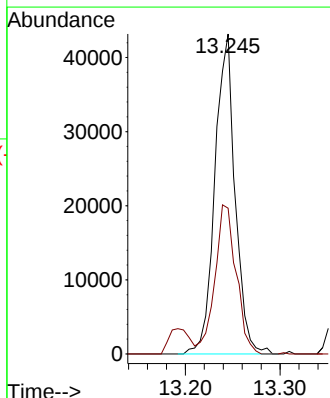
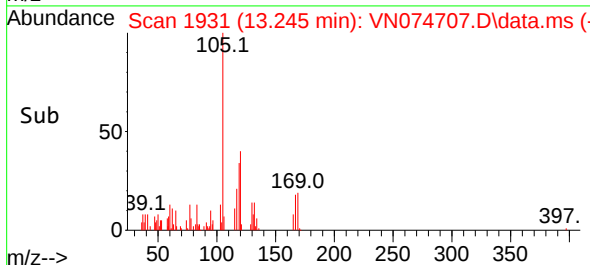
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

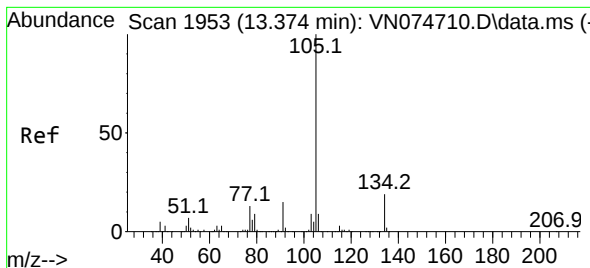


#84
1,2,4-Trimethylbenzene
Concen: 4.883 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01



Tgt Ion:105 Resp: 63997
Ion Ratio Lower Upper
105 100
120 49.2 23.3 69.8





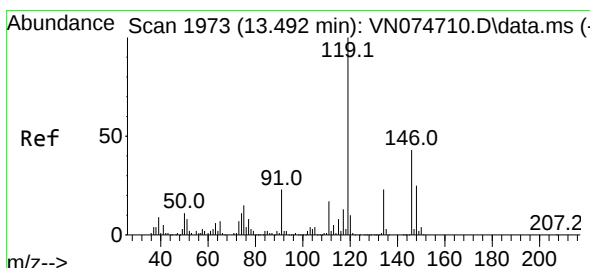
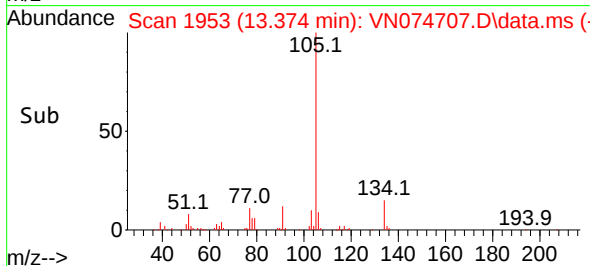
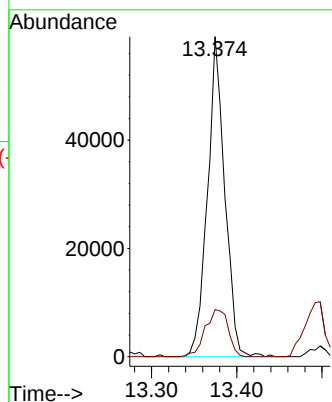
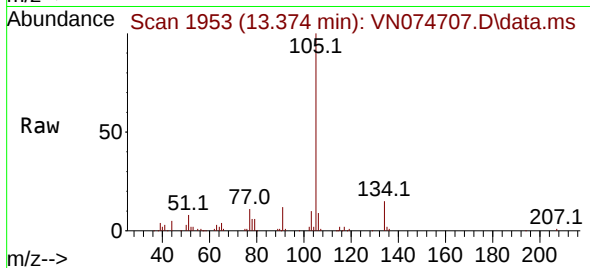
#85
 sec-Butylbenzene
 Concen: 4.809 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 83464
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

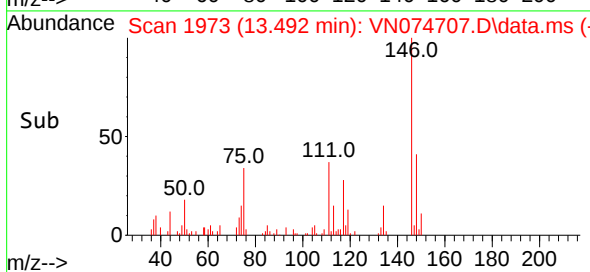
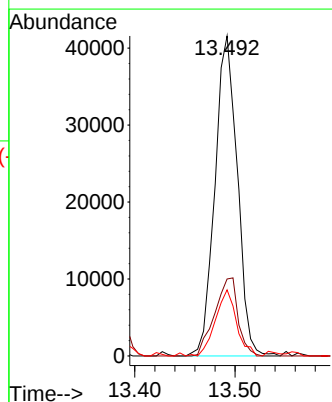
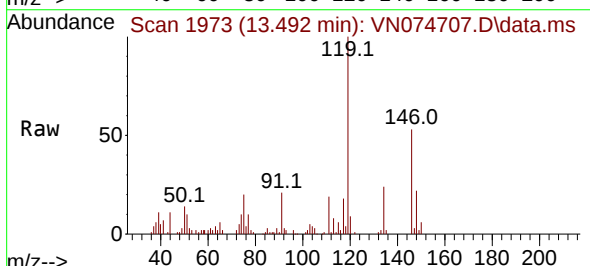
Manual Integrations
 APPROVED

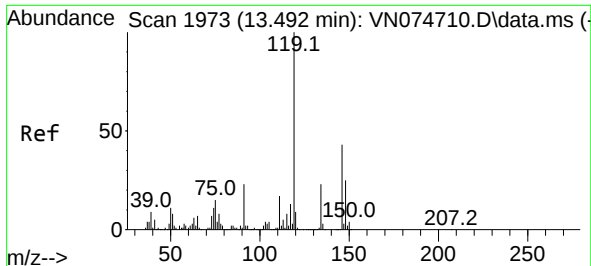
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#86
 p-Isopropyltoluene
 Concen: 4.847 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VN074707.D
 Acq: 03 Oct 2022 14:01

Tgt Ion:119 Resp: 64498
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 19.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 5.073 ug/l

RT: 13.486 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

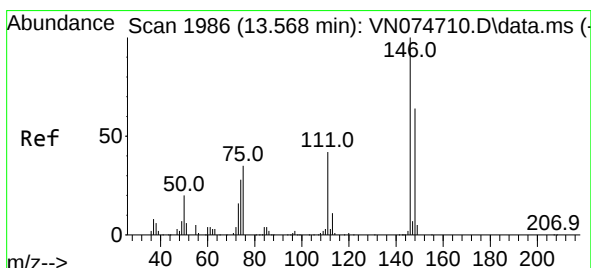
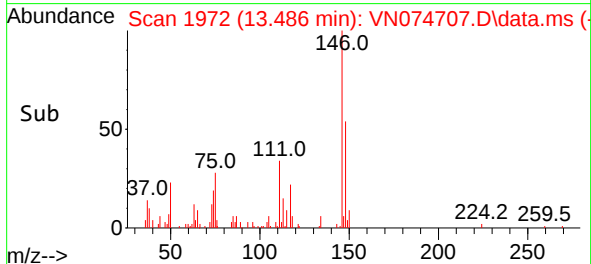
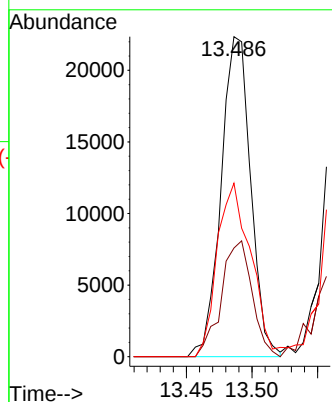
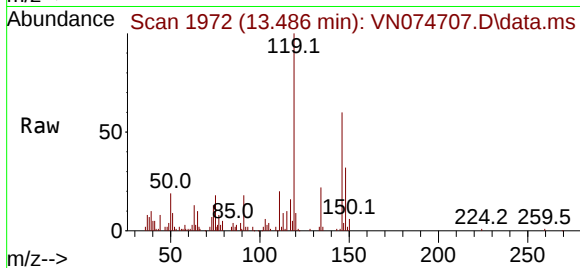
Tgt Ion:	146	Resp:	3513
Ion Ratio	Lower	Upper	
146	100		
111	37.4	20.0	60.0
148	62.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#88

1,4-Dichlorobenzene

Concen: 5.359 ug/l

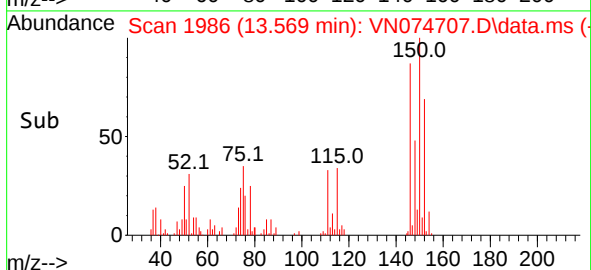
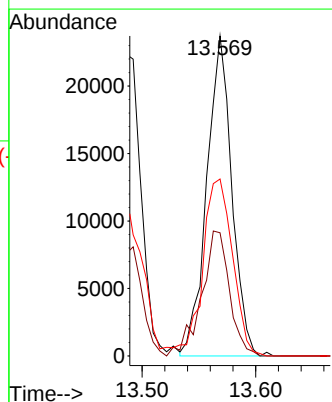
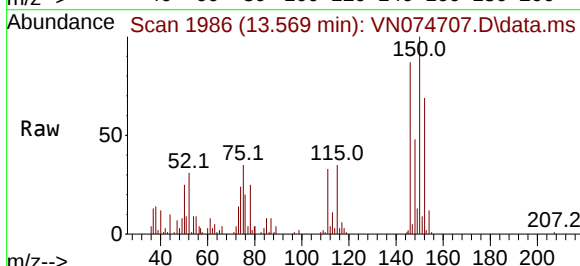
RT: 13.569 min Scan# 1986

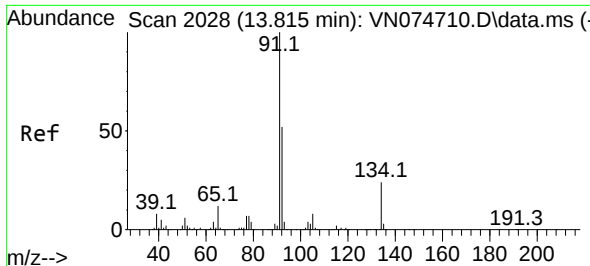
Delta R.T. 0.000 min

Lab File: VN074707.D

Acq: 03 Oct 2022 14:01

Tgt Ion:	146	Resp:	36361
Ion Ratio	Lower	Upper	
146	100		
111	43.5	19.1	57.1
148	65.6	31.4	94.3





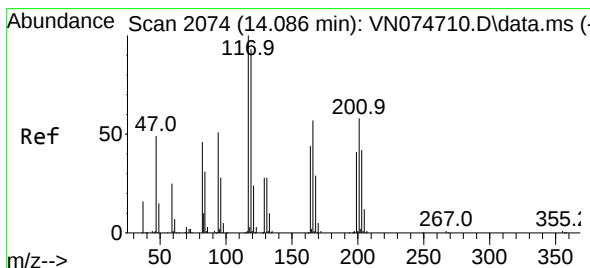
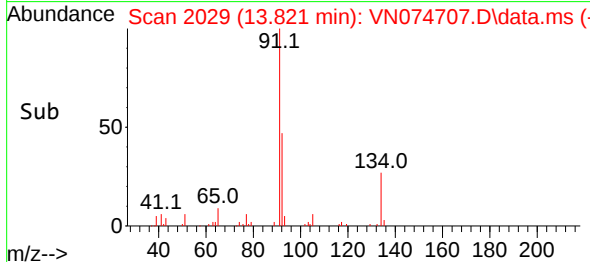
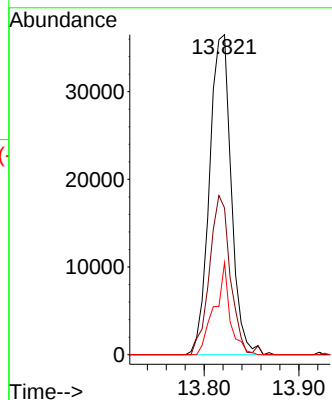
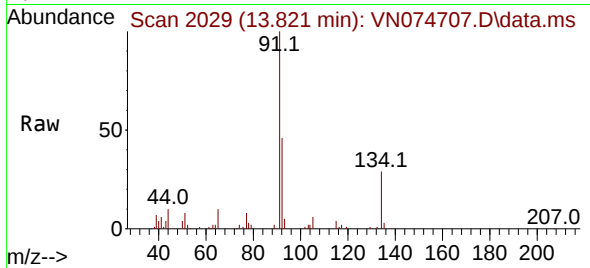
#89
n-Butylbenzene
Concen: 4.846 ug/l
RT: 13.821 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 58234
Ion Ratio Lower Upper
91 100
92 47.3 26.9 80.7
134 20.5 13.6 40.8

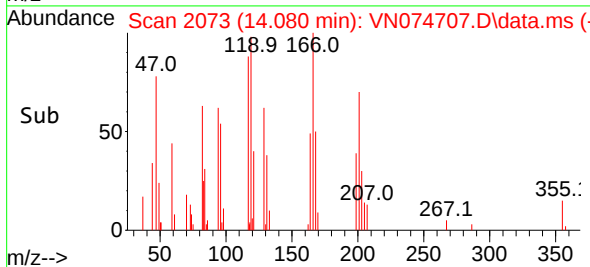
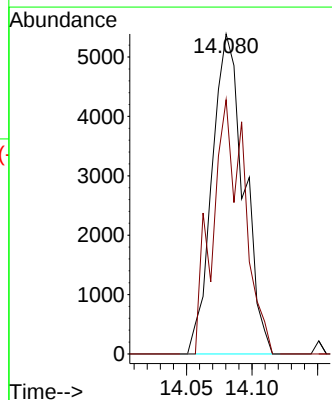
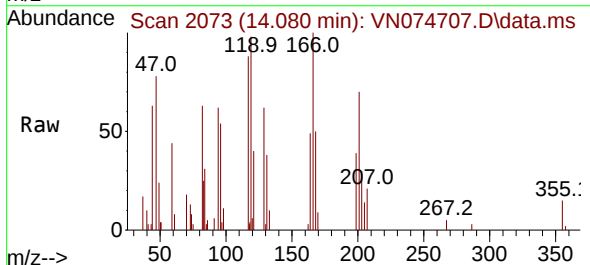
Manual Integrations
APPROVED

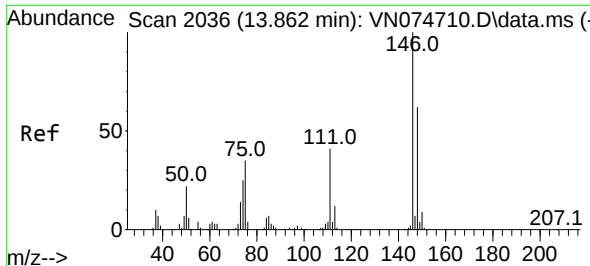
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 4.042 ug/l
RT: 14.080 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion:117 Resp: 9120
Ion Ratio Lower Upper
117 100
201 79.9 40.6 122.0





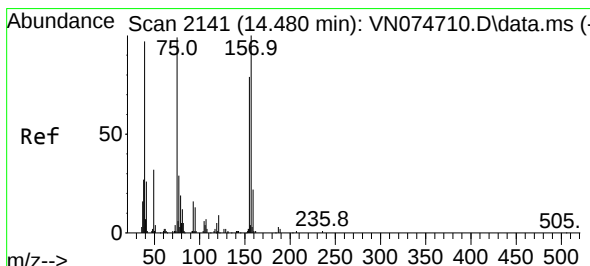
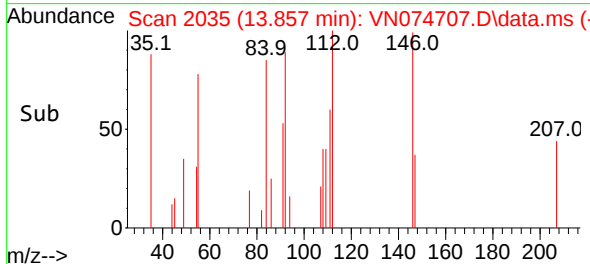
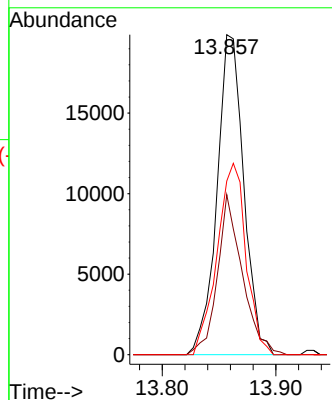
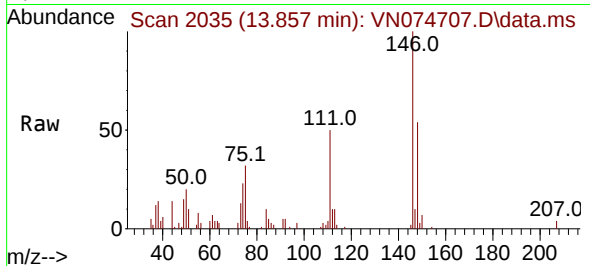
#91
1,2-Dichlorobenzene
Concen: 4.848 ug/l
RT: 13.857 min Scan# 2035
Delta R.T. -0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 3265
Ion Ratio Lower Upper
146 100
111 46.4 20.9 62.8
148 64.4 32.1 96.3

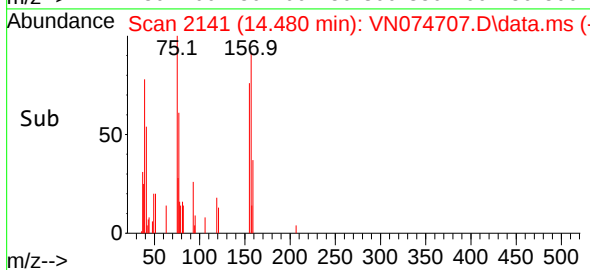
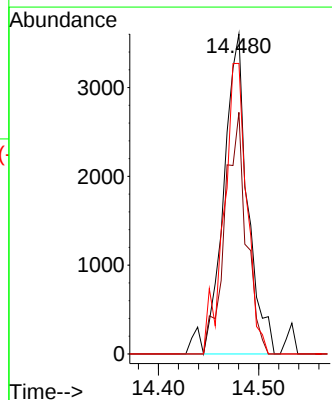
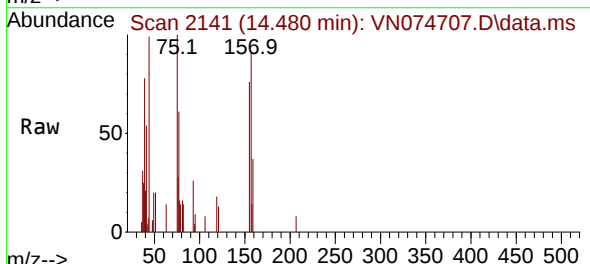
Manual Integrations
APPROVED

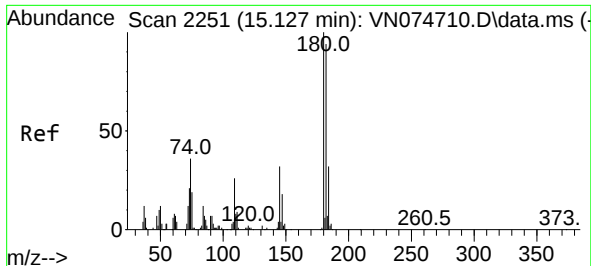
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.048 ug/l
RT: 14.480 min Scan# 2141
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion: 75 Resp: 6042
Ion Ratio Lower Upper
75 100
155 67.7 44.9 134.5
157 85.3 59.0 176.8





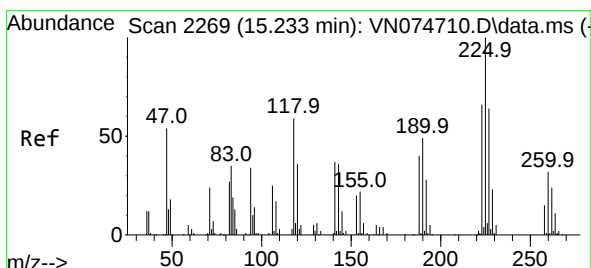
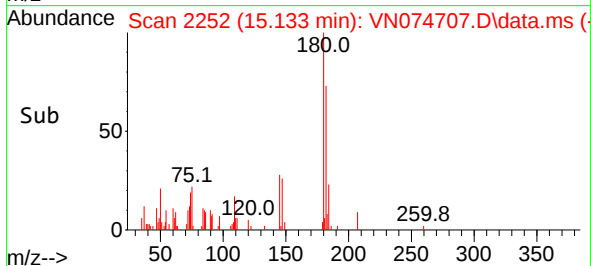
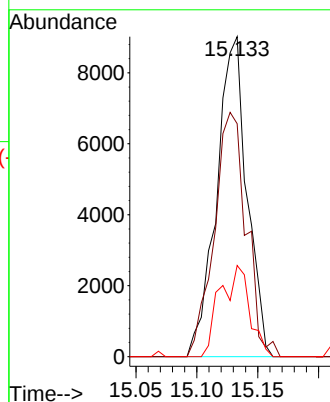
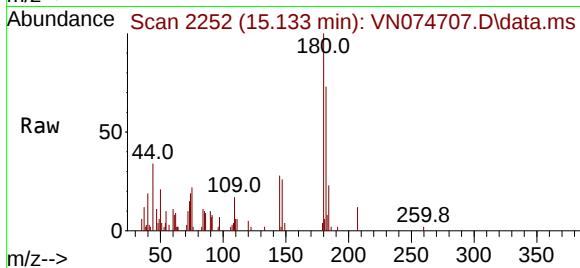
#93
1,2,4-Trichlorobenzene
Concen: 5.271 ug/l
RT: 15.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 1565
Ion Ratio Lower Upper
180 100
182 80.6 47.5 142.5
145 27.8 14.5 43.5

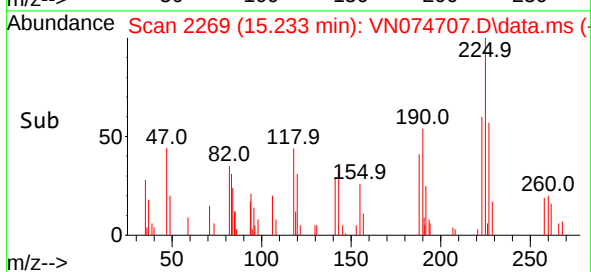
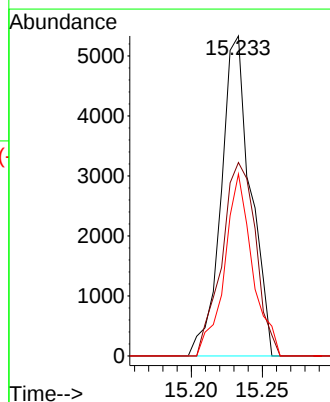
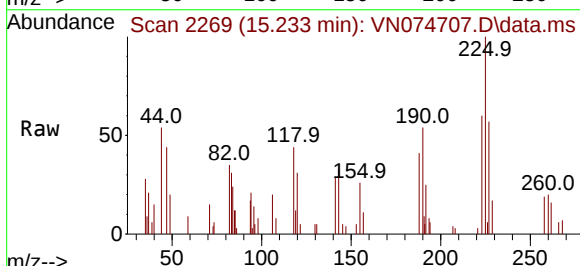
Manual Integrations
APPROVED

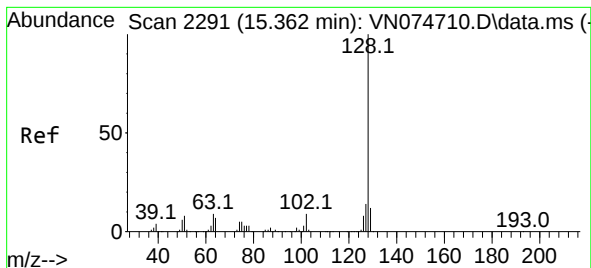
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#94
Hexachlorobutadiene
Concen: 5.124 ug/l
RT: 15.233 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion:225 Resp: 7696
Ion Ratio Lower Upper
225 100
223 69.9 32.4 97.2
227 54.0 31.8 95.4





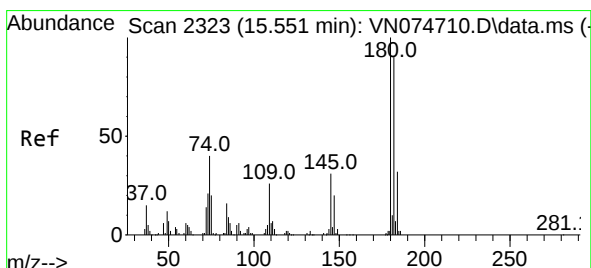
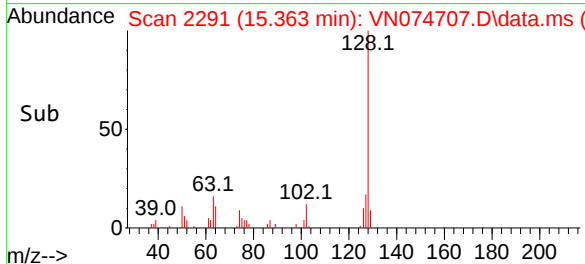
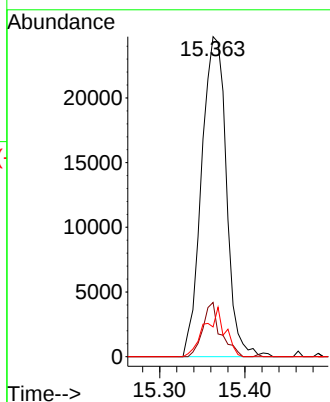
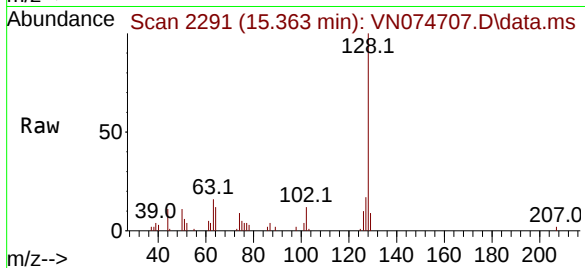
#95
Naphthalene
Concen: 4.435 ug/l
RT: 15.363 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 50049
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 12.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.040 ug/l
RT: 15.551 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN074707.D
Acq: 03 Oct 2022 14:01

Tgt Ion:180 Resp: 15797
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.3
145 31.6 15.5 46.5

