

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074708.D
 Acq On : 03 Oct 2022 14:25
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 04 05:29:28 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	190954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	334845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	358273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	192551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	52414	10.923	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	21.840%#		
35) Dibromofluoromethane	7.863	113	38133	10.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.180%#		
50) Toluene-d8	10.310	98	150946	10.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.400%#		
62) 4-Bromofluorobenzene	12.604	95	41433	9.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	42355	10.749	ug/l	99
3) Chloromethane	2.216	50	70894	10.409	ug/l	92
4) Vinyl Chloride	2.358	62	118607	10.379	ug/l #	83
5) Bromomethane	2.746	94	92271	10.369	ug/l	81
6) Chloroethane	2.905	64	89010	10.023	ug/l	90
7) Trichlorofluoromethane	3.246	101	64258	10.443	ug/l	98
8) Diethyl Ether	3.687	74	29074	10.739	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.052	101	36044	10.412	ug/l	92
10) Methyl Iodide	4.257	142	42062	10.005	ug/l	93
11) Tert butyl alcohol	5.169	59	52525	50.235	ug/l #	88
12) 1,1-Dichloroethene	4.022	96	34252	9.970	ug/l	83
13) Acrolein	3.899	56	24556	50.997	ug/l #	79
14) Allyl chloride	4.652	41	71327	10.110	ug/l #	91
15) Acrylonitrile	5.363	53	145250	48.722	ug/l	97
16) Acetone	4.128	43	127912	48.814	ug/l	99
17) Carbon Disulfide	4.357	76	102509	10.180	ug/l	95
18) Methyl Acetate	4.675	43	87701	10.082	ug/l	93
19) Methyl tert-butyl Ether	5.416	73	134038	9.806	ug/l	99
20) Methylene Chloride	4.904	84	43542	9.125	ug/l #	85
21) trans-1,2-Dichloroethene	5.410	96	35816	9.621	ug/l	89
22) Diisopropyl ether	6.310	45	151782	9.762	ug/l	93
23) Vinyl Acetate	6.240	43	560151	47.459	ug/l #	87
24) 1,1-Dichloroethane	6.198	63	78388	10.169	ug/l	97
25) 2-Butanone	7.163	43	221720	48.793	ug/l #	89
26) 2,2-Dichloropropane	7.145	77	52654	9.016	ug/l	99
27) cis-1,2-Dichloroethene	7.151	96	46262	9.946	ug/l	97
28) Bromochloromethane	7.493	49	41927	11.348	ug/l #	72
29) Tetrahydrofuran	7.510	42	141077	47.121	ug/l #	87
30) Chloroform	7.657	83	74260	9.852	ug/l	91
31) Cyclohexane	7.934	56	73845	9.959	ug/l	93
32) 1,1,1-Trichloroethane	7.857	97	60211	9.286	ug/l	90
36) 1,1-Dichloropropene	8.069	75	54592	9.312	ug/l	96
37) Ethyl Acetate	7.240	43	73952m	8.906	ug/l	
38) Carbon Tetrachloride	8.051	117	49865	9.618	ug/l	92
39) Methylcyclohexane	9.316	83	68576	9.656	ug/l	97
40) Benzene	8.304	78	173355	9.699	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	41924	10.755	ug/l #	79
42) 1,2-Dichloroethane	8.375	62	59095	9.660	ug/l	99
43) Isopropyl Acetate	8.416	43	121941	9.748	ug/l	92
44) Trichloroethene	9.069	130	36897	9.350	ug/l	84
45) 1,2-Dichloropropane	9.351	63	45624	9.623	ug/l #	82
46) Dibromomethane	9.439	93	32328	9.785	ug/l #	82
47) Bromodichloromethane	9.628	83	59929	9.966	ug/l #	97
48) Methyl methacrylate	9.428	41	54168	9.451	ug/l #	82
49) 1,4-Dioxane	9.428	88	21643	204.187	ug/l #	91
51) 4-Methyl-2-Pentanone	10.204	43	436732	48.458	ug/l	88
52) Toluene	10.375	92	102279	9.405	ug/l	95
53) t-1,3-Dichloropropene	10.592	75	52893	8.925	ug/l	95
54) cis-1,3-Dichloropropene	10.057	75	64076	9.666	ug/l	93
55) 1,1,2-Trichloroethane	10.775	97	41885	9.575	ug/l	87
56) Ethyl methacrylate	10.639	69	64319	9.340	ug/l #	79
57) 1,3-Dichloropropane	10.916	76	75672	9.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.910	63	134217	50.542	ug/l	92
59) 2-Hexanone	10.963	43	319603	47.328	ug/l	86
60) Dibromochloromethane	11.116	129	39486	9.868	ug/l	90
61) 1,2-Dibromoethane	11.216	107	42223	9.762	ug/l	97
64) Tetrachloroethene	10.845	164	27964	9.567	ug/l	91
65) Chlorobenzene	11.645	112	96977	8.915	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.716	131	35557	9.907	ug/l	98
67) Ethyl Benzene	11.722	91	192898	9.515	ug/l	98
68) m/p-Xylenes	11.828	106	149624	19.804	ug/l	94
69) o-Xylene	12.157	106	73207	9.654	ug/l	96
70) Styrene	12.169	104	110684	9.144	ug/l	95
71) Bromoform	12.328	173	23409	8.863	ug/l #	96
73) Isopropylbenzene	12.457	105	181593	10.207	ug/l	96
74) N-amyl acetate	12.269	43	85635	9.738	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	70118	10.334	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	56674m	10.642	ug/l	
77) Bromobenzene	12.727	156	37604	9.888	ug/l	83
78) n-propylbenzene	12.792	91	202842	9.959	ug/l	94
79) 2-Chlorotoluene	12.880	91	119013	9.916	ug/l	93
80) 1,3,5-Trimethylbenzene	12.933	105	141069	9.934	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.504	75	14211	8.527	ug/l #	65
82) 4-Chlorotoluene	12.975	91	114888	9.897	ug/l	97
83) tert-Butylbenzene	13.198	119	127293	10.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	142390	10.411	ug/l	99
85) sec-Butylbenzene	13.374	105	175581	9.692	ug/l	94
86) p-Isopropyltoluene	13.492	119	137396	9.894	ug/l	97
87) 1,3-Dichlorobenzene	13.492	146	67694	9.367	ug/l	99
88) 1,4-Dichlorobenzene	13.569	146	66194	9.348	ug/l	93
89) n-Butylbenzene	13.816	91	110843	8.838	ug/l	91
90) Hexachloroethane	14.086	117	23170	9.838	ug/l	85
91) 1,2-Dichlorobenzene	13.863	146	69301	9.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.474	75	11356	9.091	ug/l	88
93) 1,2,4-Trichlorobenzene	15.127	180	31708	10.229	ug/l	98
94) Hexachlorobutadiene	15.233	225	14641	9.341	ug/l	89
95) Naphthalene	15.363	128	116059	9.853	ug/l	96
96) 1,2,3-Trichlorobenzene	15.551	180	32359	9.892	ug/l	98

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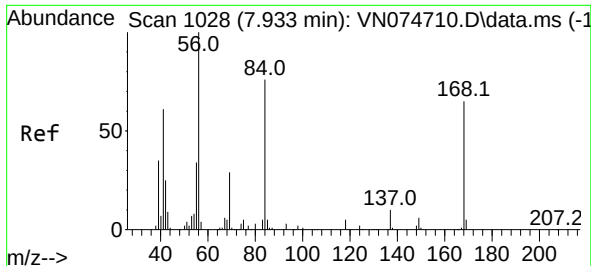
Manual Integrations
APPROVED

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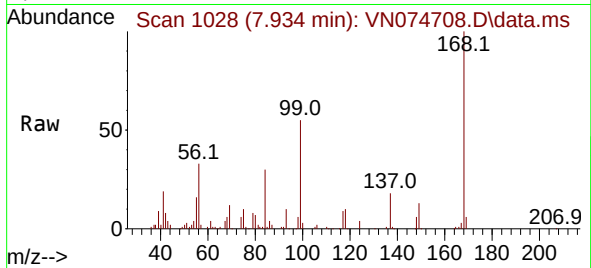
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 10
Delta R.T. 0.001 min
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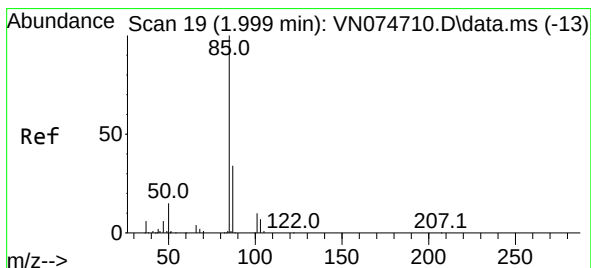
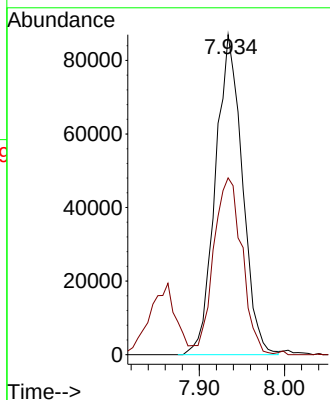
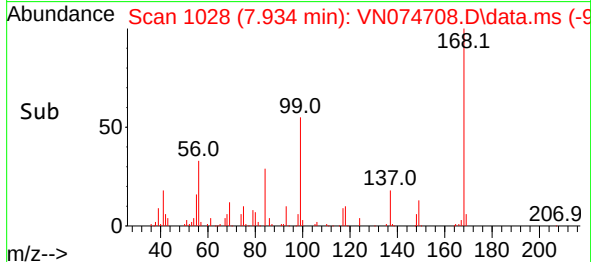
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 190954
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5

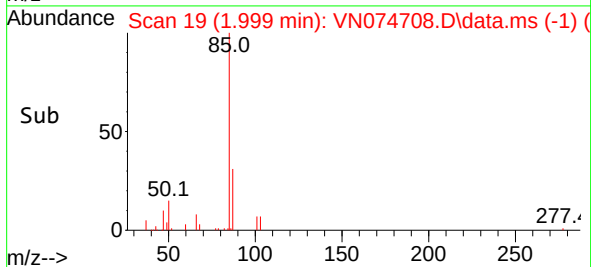
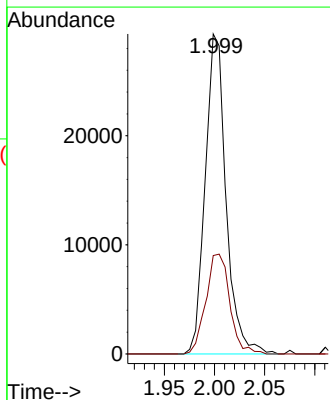
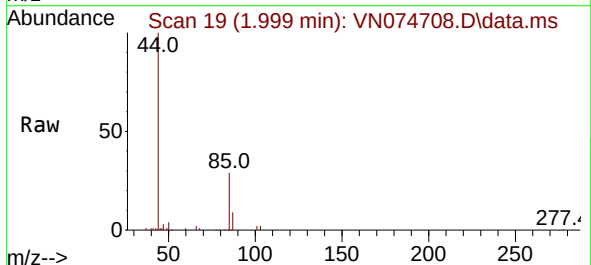
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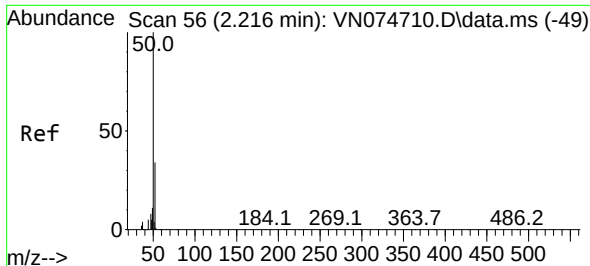
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#2
Dichlorodifluoromethane
Concen: 10.749 ug/l
RT: 1.999 min Scan# 19
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

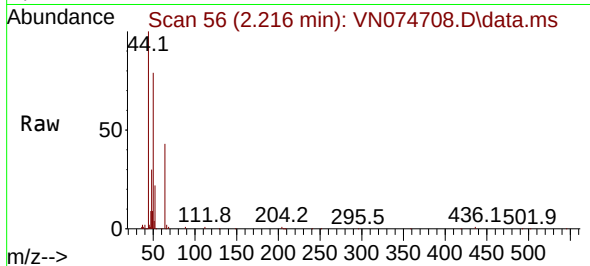
Tgt Ion: 85 Resp: 42355
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.1





#3
Chloromethane
Concen: 10.409 ug/l
RT: 2.216 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

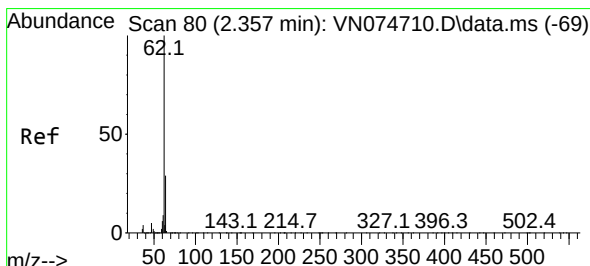
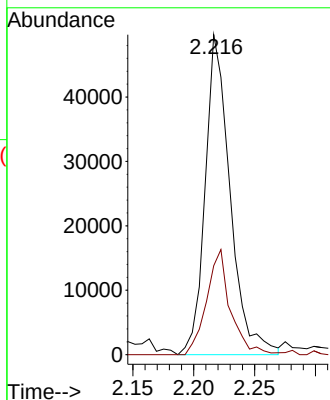
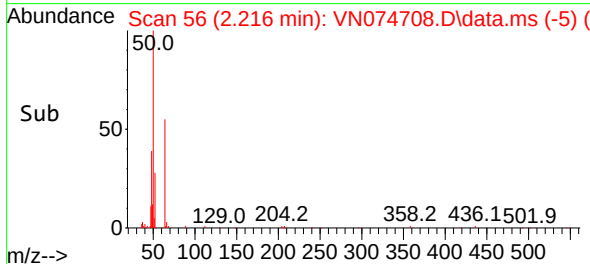
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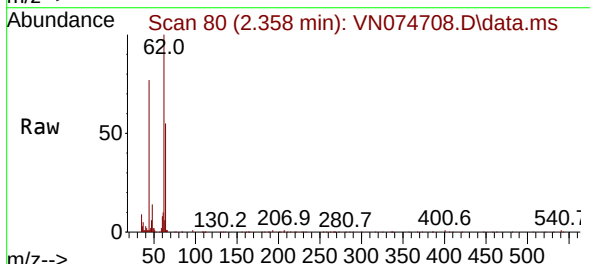
Tgt Ion: 50 Resp: 70894
Ion Ratio Lower Upper
50 100
52 27.8 25.7 38.5

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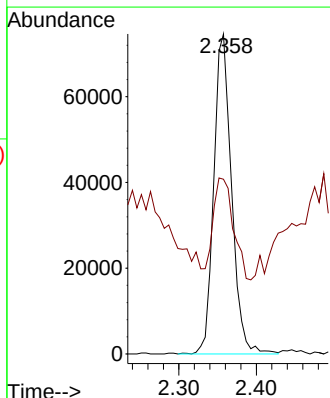
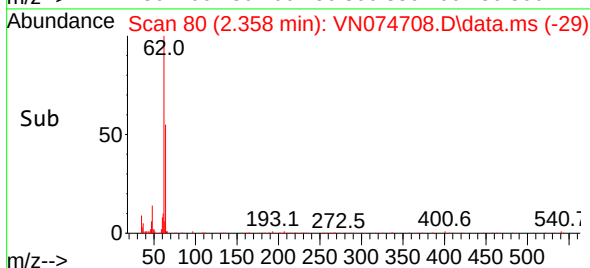
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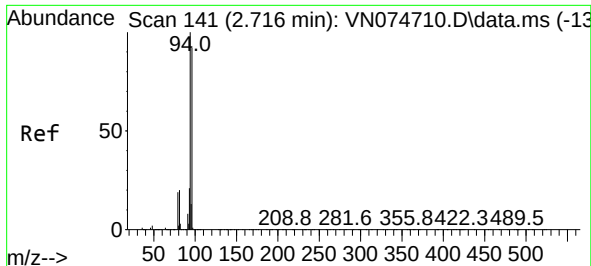


#4
Vinyl Chloride
Concen: 10.379 ug/l
RT: 2.358 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



Tgt Ion: 62 Resp: 118607
Ion Ratio Lower Upper
62 100
64 21.7 25.0 37.4#





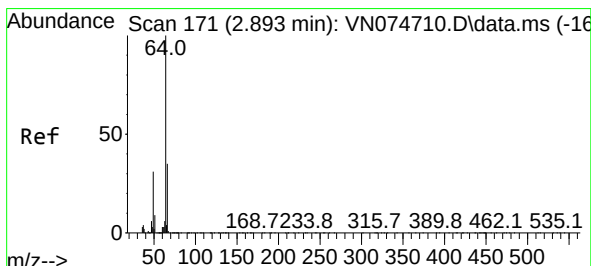
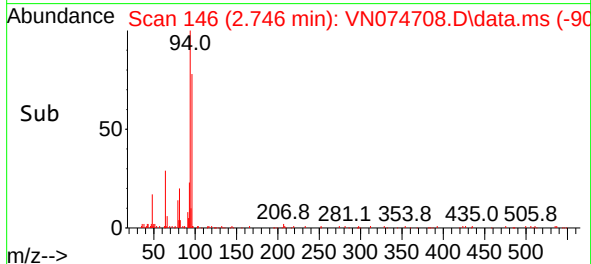
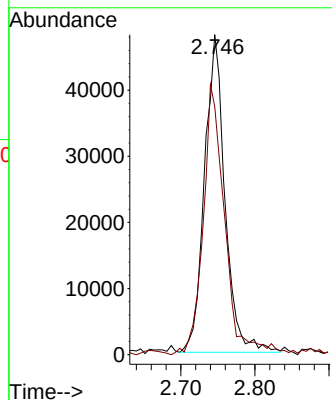
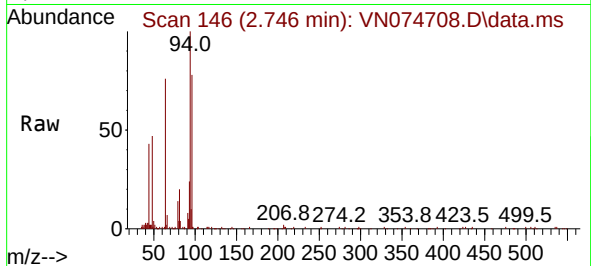
#5
Bromomethane
Concen: 10.369 ug/l
RT: 2.746 min Scan# 141
Delta R.T. 0.030 min
Lab File: VN074708.D
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Tgt Ion: 94 Resp: 9227
Ion Ratio Lower Upper
94 100
96 76.9 76.0 114.0

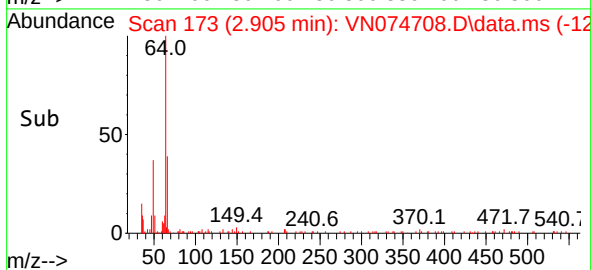
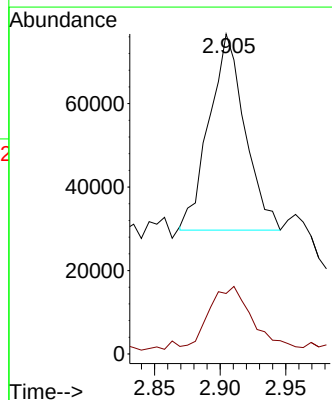
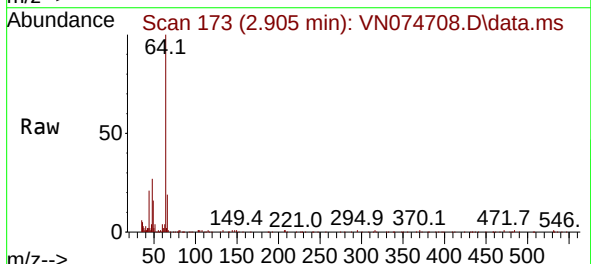
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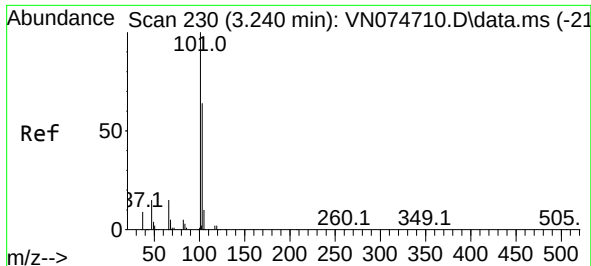
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#6
Chloroethane
Concen: 10.023 ug/l
RT: 2.905 min Scan# 173
Delta R.T. 0.012 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion: 64 Resp: 89010
Ion Ratio Lower Upper
64 100
66 27.0 26.2 39.4





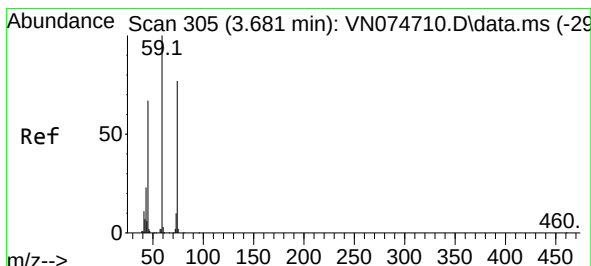
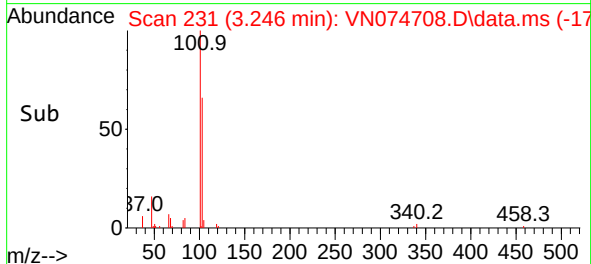
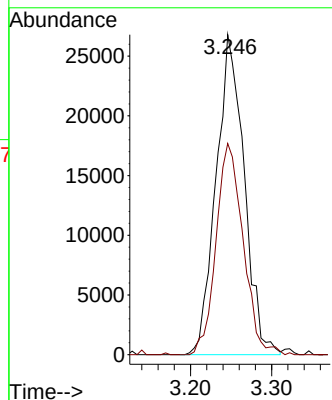
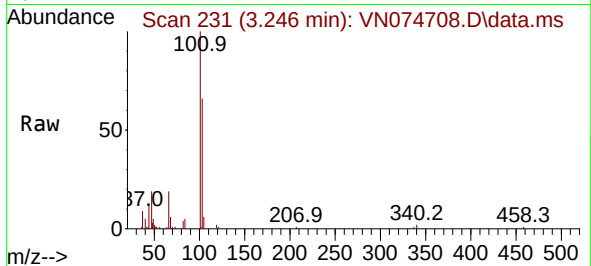
#7
 Trichlorofluoromethane
 Concen: 10.443 ug/l
 RT: 3.246 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074708.D
 Acq: 03 Oct 2022 14:25

Instrument :
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Tgt Ion:101 Resp: 64258
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.5 77.3

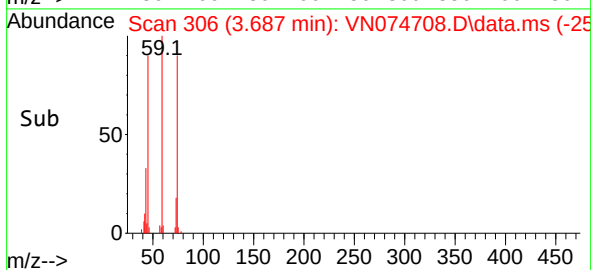
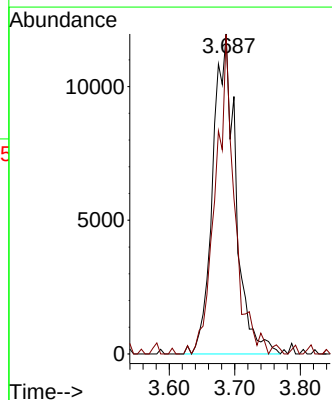
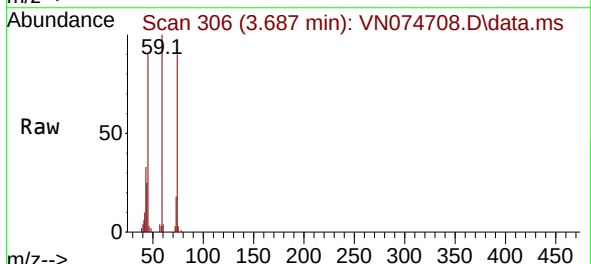
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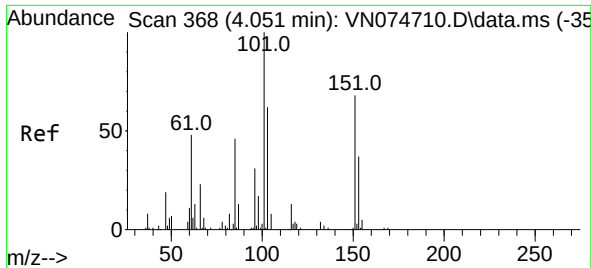
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#8
 Diethyl Ether
 Concen: 10.739 ug/l
 RT: 3.687 min Scan# 306
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 29074
 Ion Ratio Lower Upper
 74 100
 45 82.1 42.9 128.5





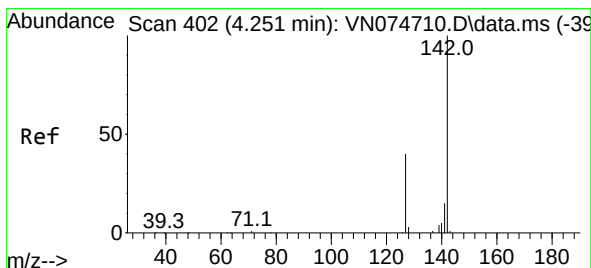
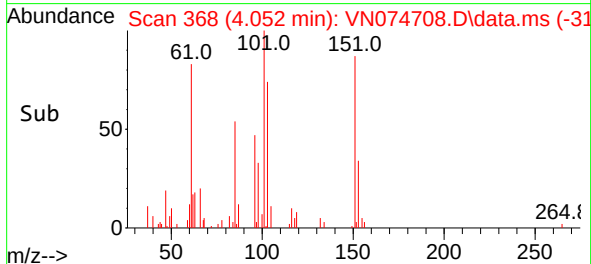
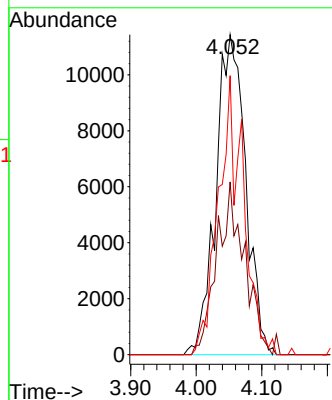
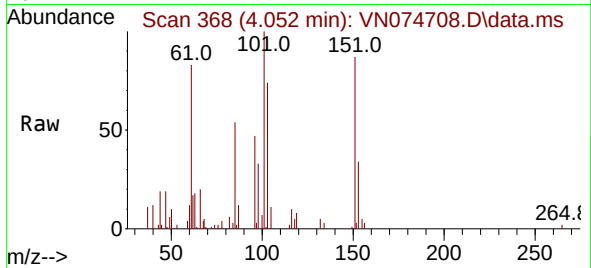
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.412 ug/l
RT: 4.052 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN074708.D
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MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 3604
Ion Ratio Lower Upper
101 100
85 50.0 34.7 52.1
151 73.3 63.0 94.4

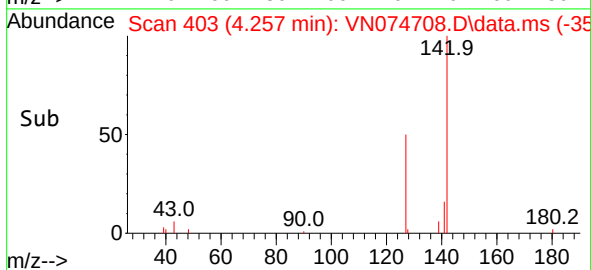
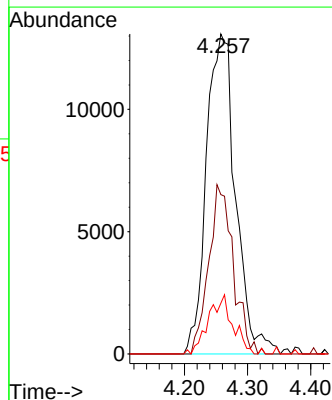
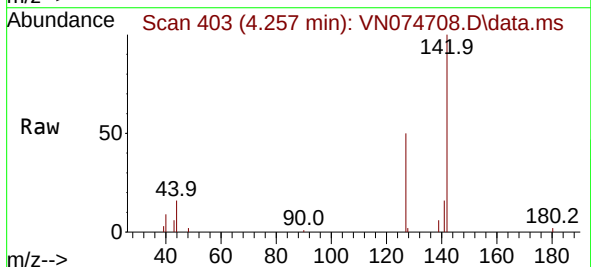
Manual Integrations
APPROVED

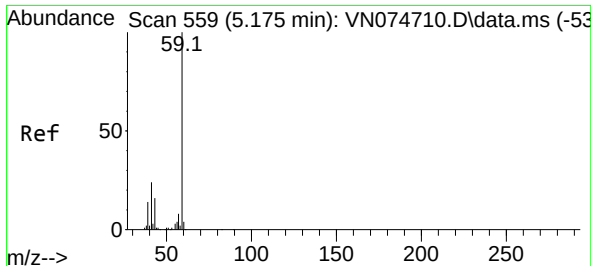
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 10.005 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion:142 Resp: 42062
Ion Ratio Lower Upper
142 100
127 44.3 31.3 46.9
141 15.3 11.2 16.8





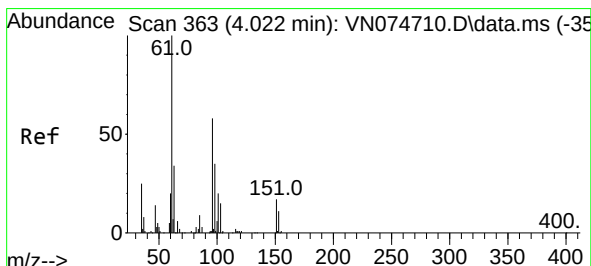
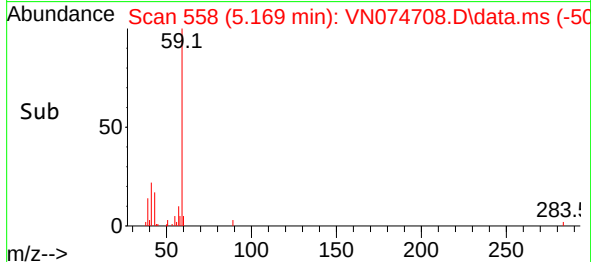
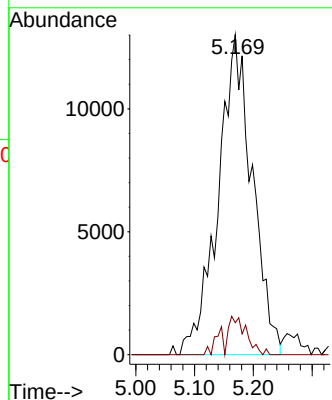
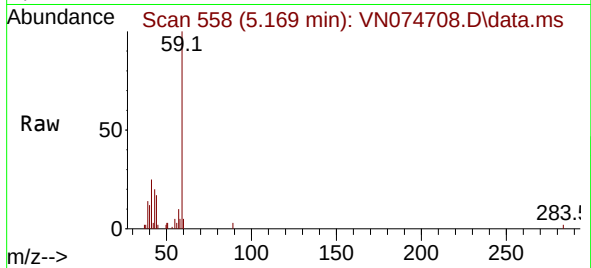
#11
Tert butyl alcohol
Concen: 50.235 ug/l
RT: 5.169 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 5252
Ion Ratio Lower Upper
59 100
57 6.0 8.3 12.5

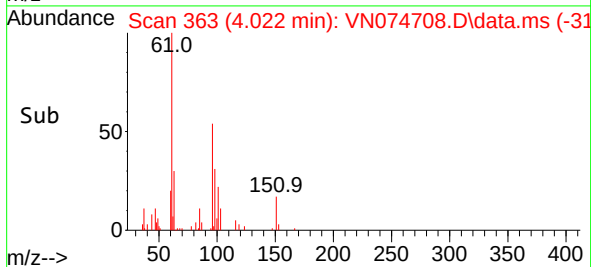
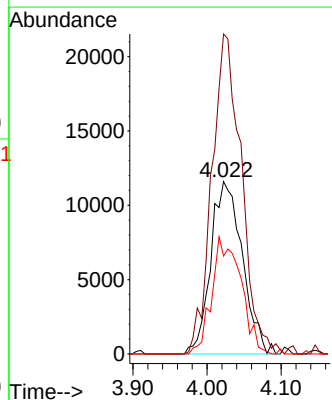
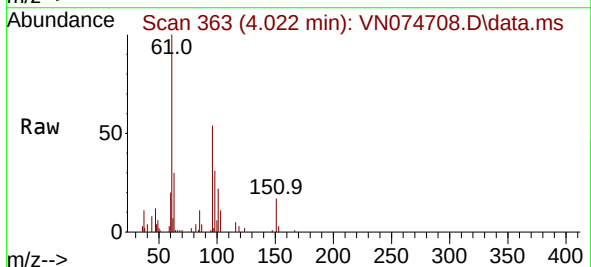
Manual Integrations
APPROVED

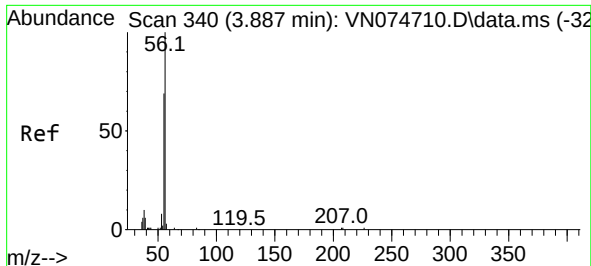
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#12
1,1-Dichloroethene
Concen: 9.970 ug/l
RT: 4.022 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

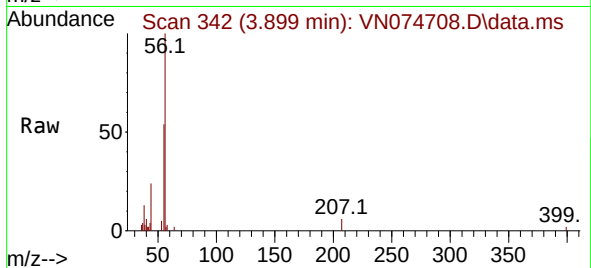
Tgt Ion: 96 Resp: 34252
Ion Ratio Lower Upper
96 100
61 185.6 127.6 191.4
98 56.8 51.2 76.8





#13
Acrolein
Concen: 50.997 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.012 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

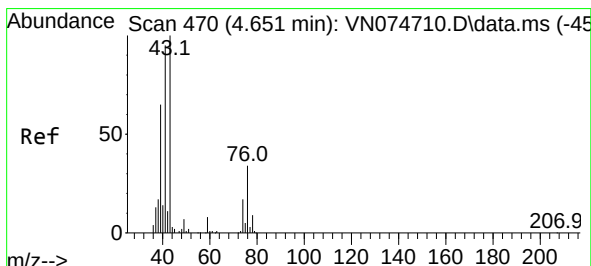
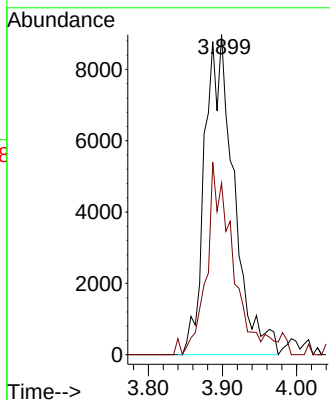
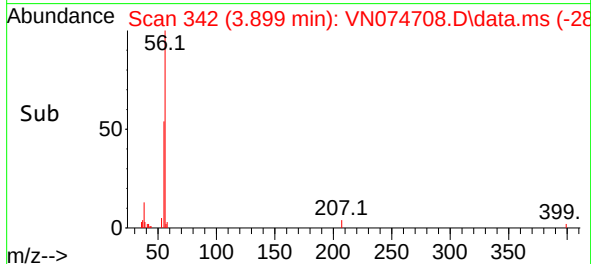
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 24550
Ion Ratio Lower Upper
56 100
55 51.4 54.8 82.2

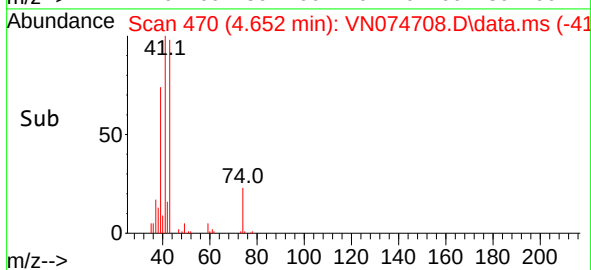
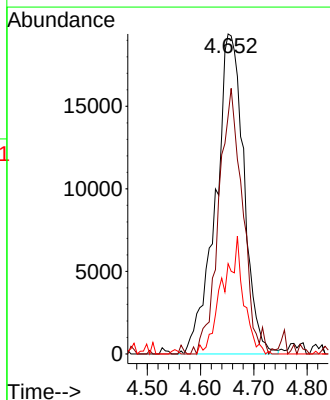
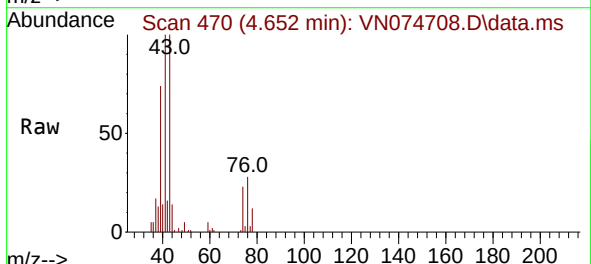
Manual Integrations
APPROVED

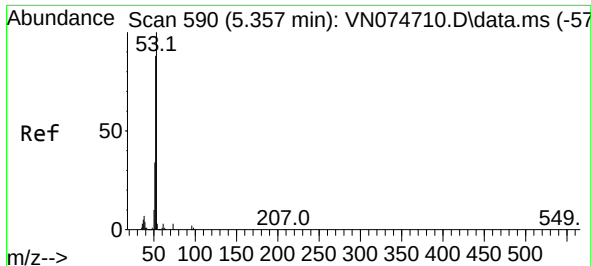
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#14
Allyl chloride
Concen: 10.110 ug/l
RT: 4.652 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

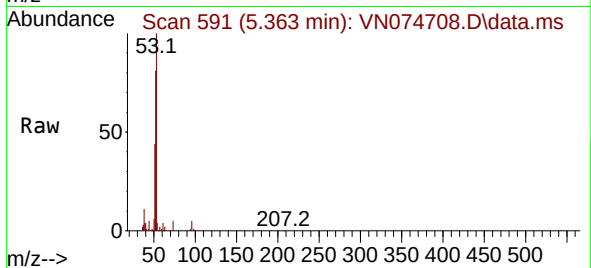
Tgt Ion: 41 Resp: 71327
Ion Ratio Lower Upper
41 100
39 70.3 53.2 79.8
76 27.4 29.9 44.9





#15
Acrylonitrile
Concen: 48.722 ug/l
RT: 5.363 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

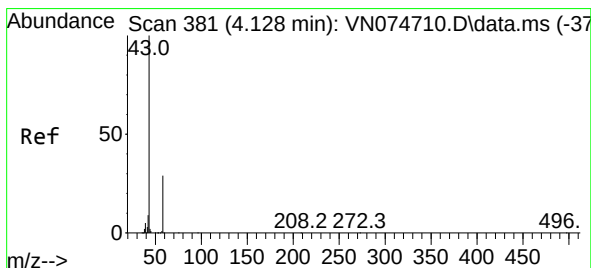
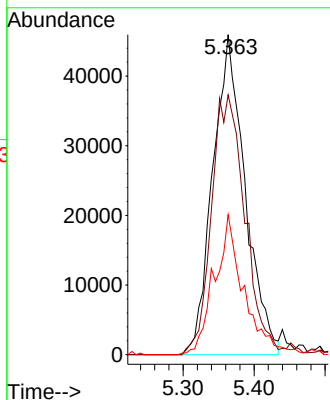
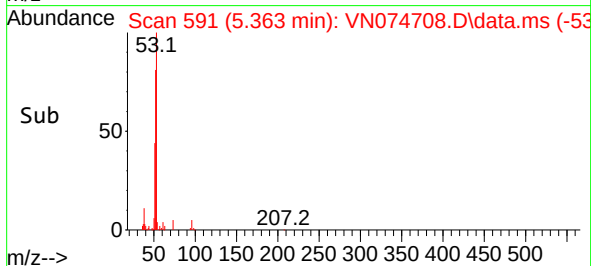
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 145250
Ion Ratio Lower Upper
53 100
52 84.3 66.4 99.6
51 39.7 28.5 42.7

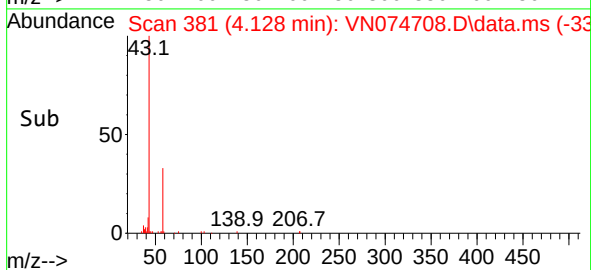
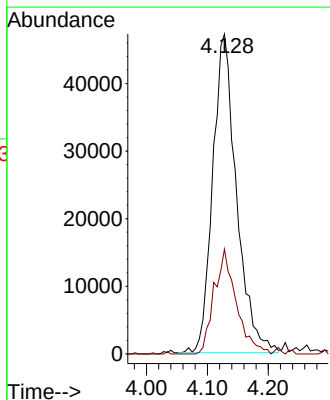
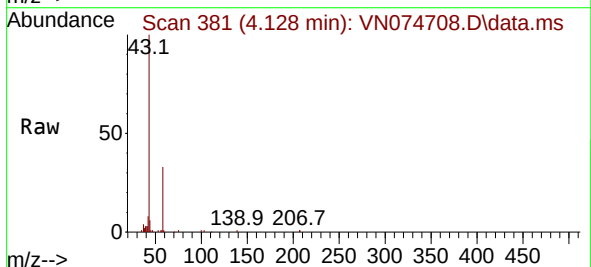
Manual Integrations
APPROVED

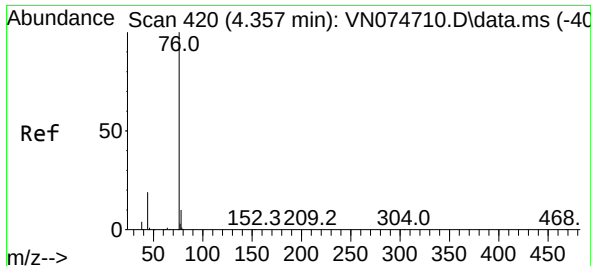
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 48.814 ug/l
RT: 4.128 min Scan# 381
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

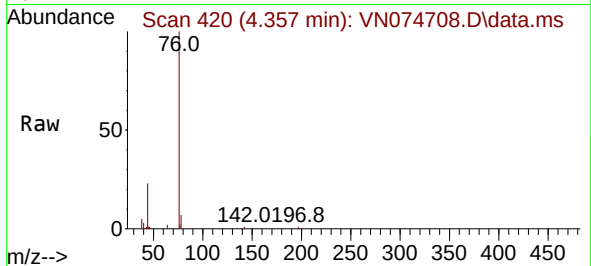
Tgt Ion: 43 Resp: 127912
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17
Carbon Disulfide
Concen: 10.180 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

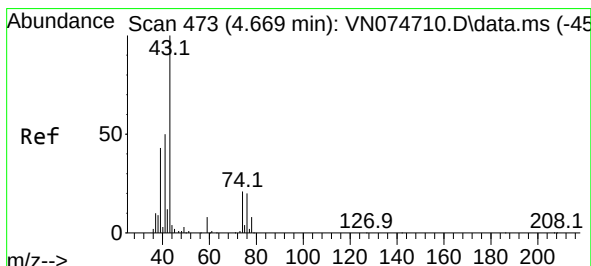
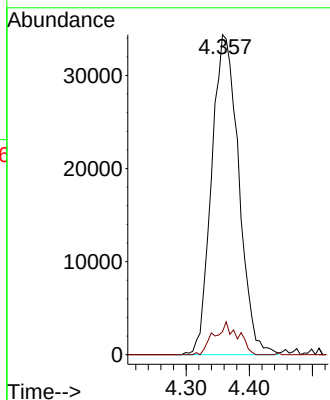
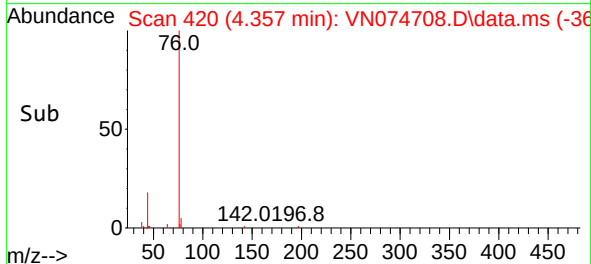
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



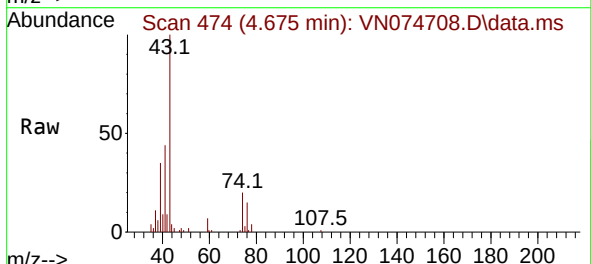
Tgt Ion: 76 Resp: 102509
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8

Manual Integrations
APPROVED

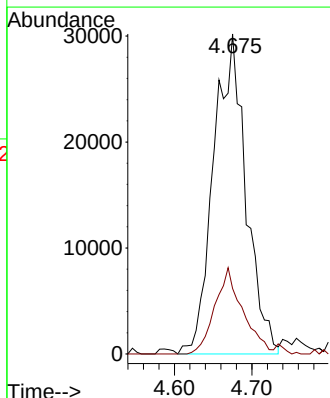
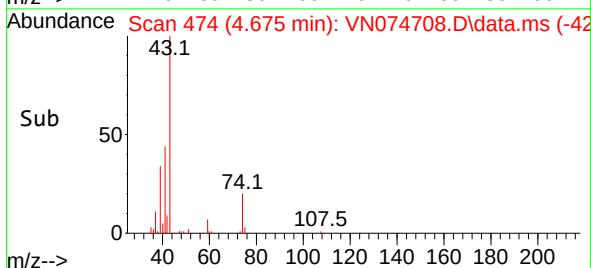
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

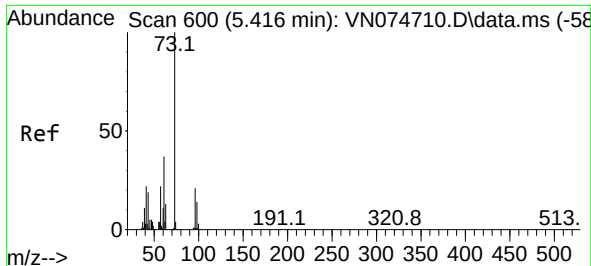


#18
Methyl Acetate
Concen: 10.082 ug/l
RT: 4.675 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



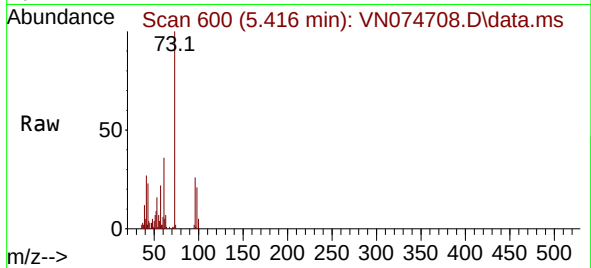
Tgt Ion: 43 Resp: 87701
Ion Ratio Lower Upper
43 100
74 23.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 9.806 ug/l
RT: 5.416 min Scan# 600
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

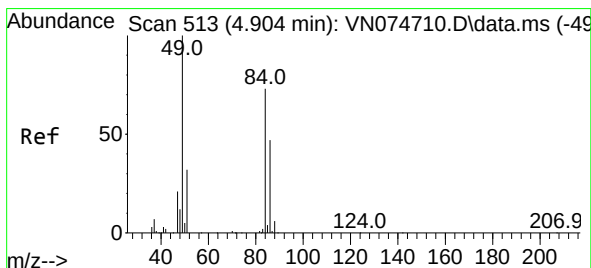
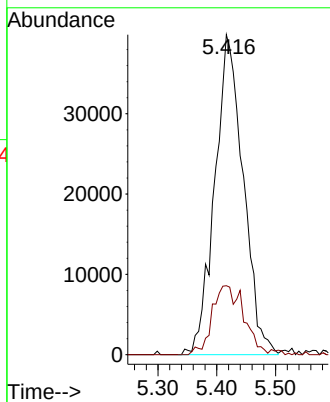
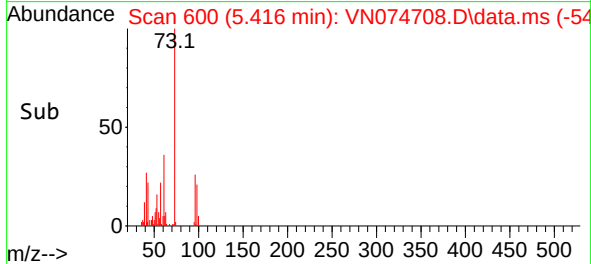
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



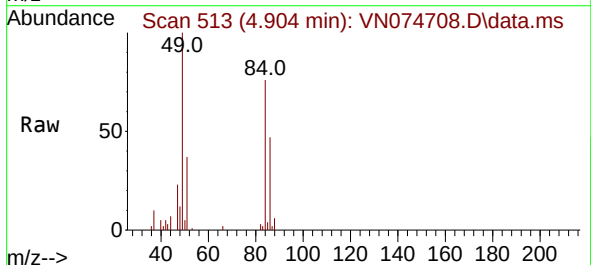
Tgt Ion: 73 Resp: 134038
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

Manual Integrations
APPROVED

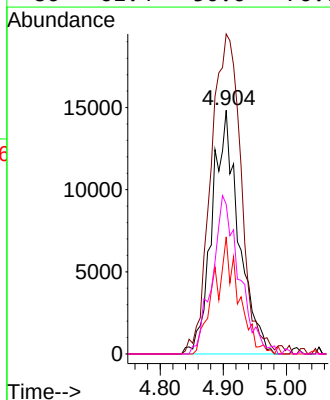
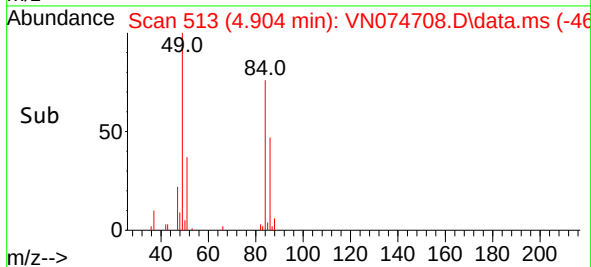
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

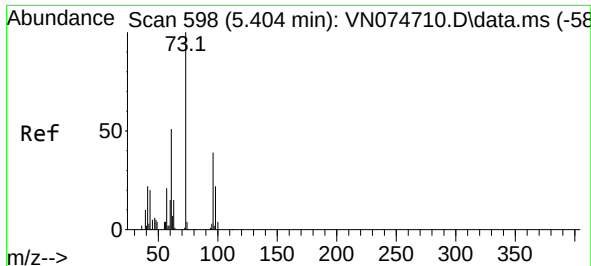


#20
Methylene Chloride
Concen: 9.125 ug/l
RT: 4.904 min Scan# 513
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



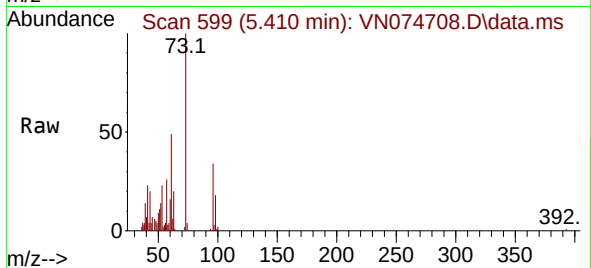
Tgt Ion: 84 Resp: 43542
Ion Ratio Lower Upper
84 100
49 131.4 88.3 132.5
51 48.1 28.2 42.2#
86 61.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 9.621 ug/l
RT: 5.410 min Scan# 598
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

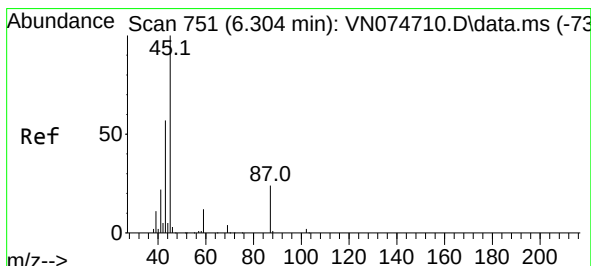
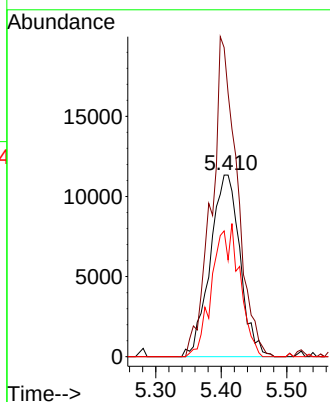
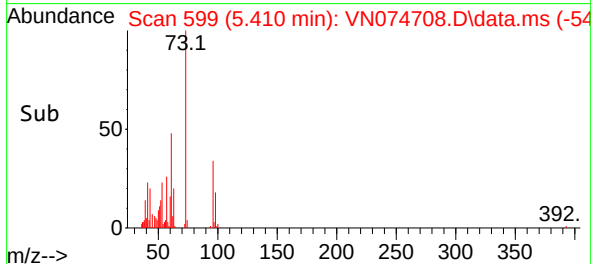
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 35810
Ion Ratio Lower Upper
96 100
61 145.0 105.8 158.8
98 53.2 50.3 75.5

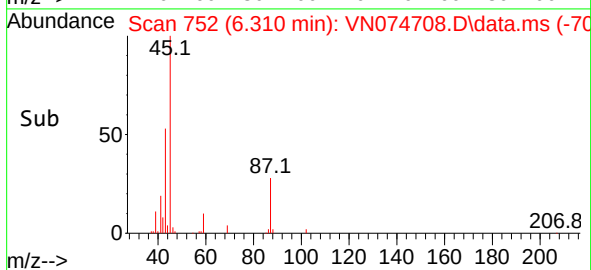
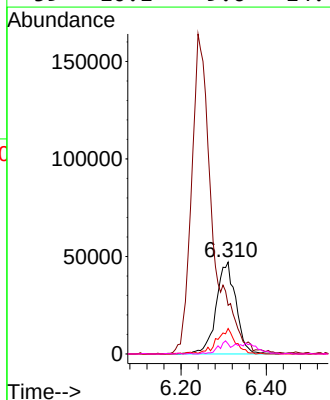
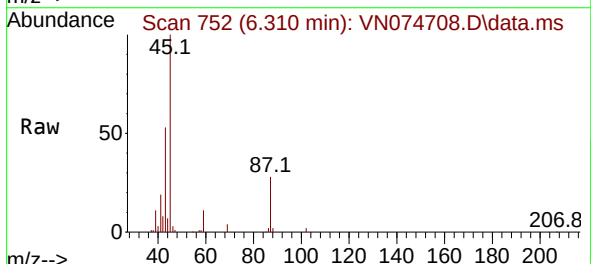
Manual Integrations
APPROVED

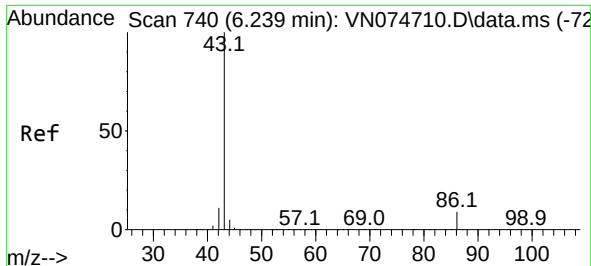
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 9.762 ug/l
RT: 6.310 min Scan# 752
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

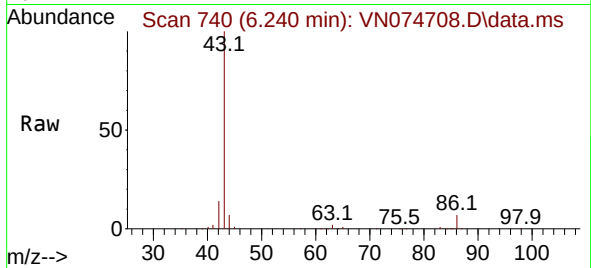
Tgt Ion: 45 Resp: 151782
Ion Ratio Lower Upper
45 100
43 51.6 46.6 70.0
87 27.6 24.3 36.5
59 10.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 47.459 ug/l
 RT: 6.240 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VN074708.D
 Acq: 03 Oct 2022 14:25

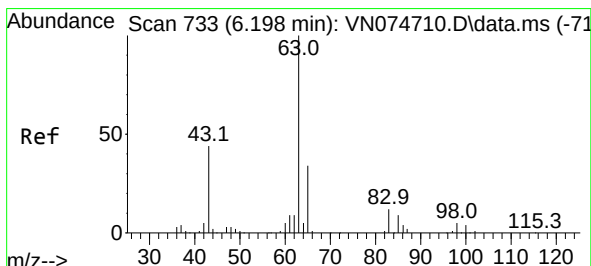
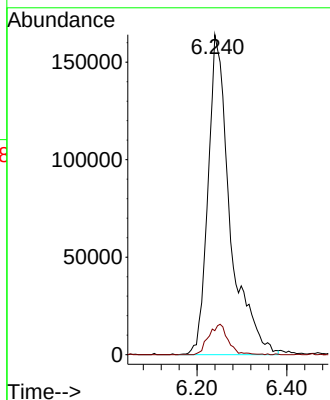
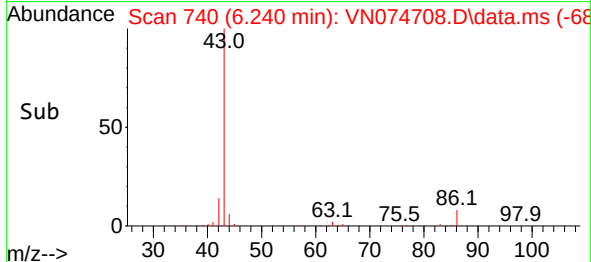
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



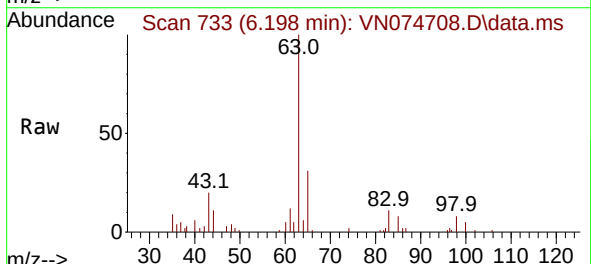
Tgt Ion: 43 Resp: 56015
 Ion Ratio Lower Upper
 43 100
 86 7.5 10.0 15.0

Manual Integrations
 APPROVED

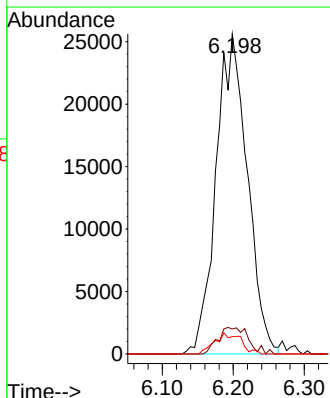
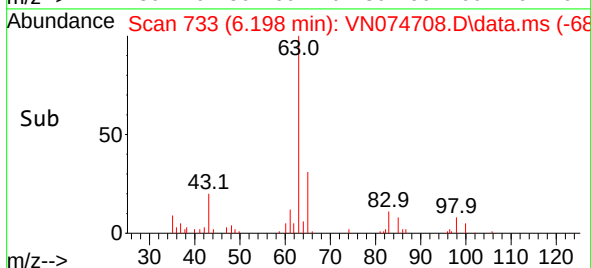
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

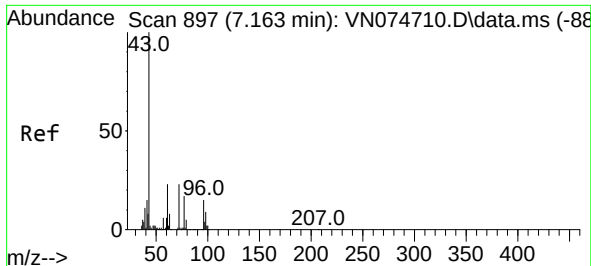


#24
 1,1-Dichloroethane
 Concen: 10.169 ug/l
 RT: 6.198 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: VN074708.D
 Acq: 03 Oct 2022 14:25



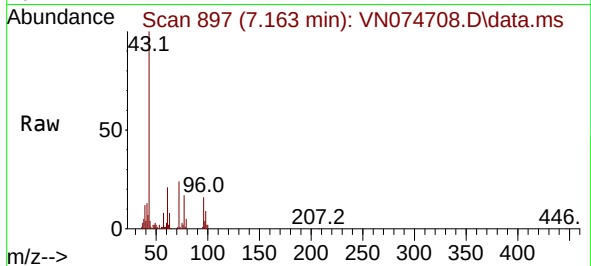
Tgt Ion: 63 Resp: 78388
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.4 2.3 6.8





#25
2-Butanone
Concen: 48.793 ug/l
RT: 7.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

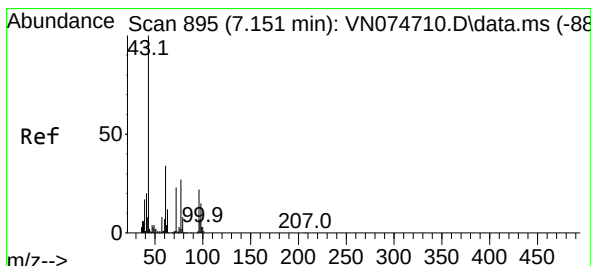
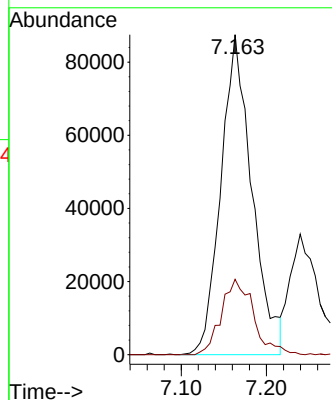
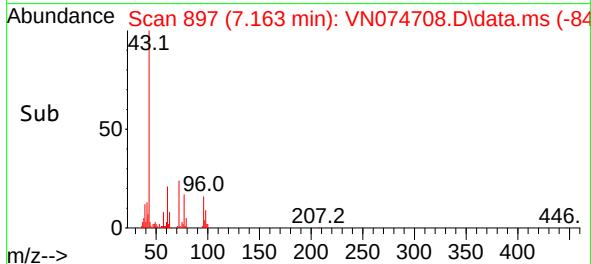
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



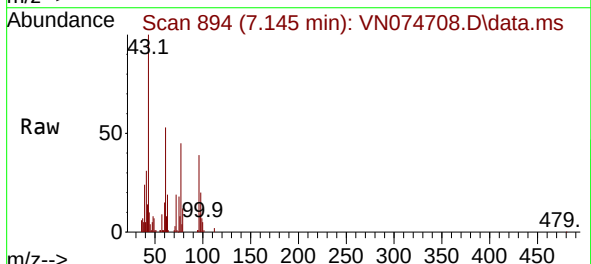
Tgt Ion: 43 Resp: 221720
Ion Ratio Lower Upper
43 100
72 23.5 23.7 35.5

Manual Integrations
APPROVED

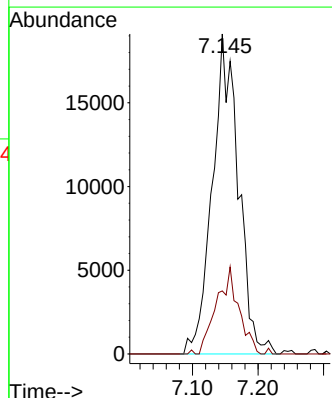
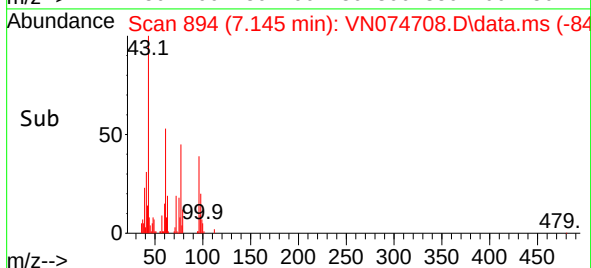
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

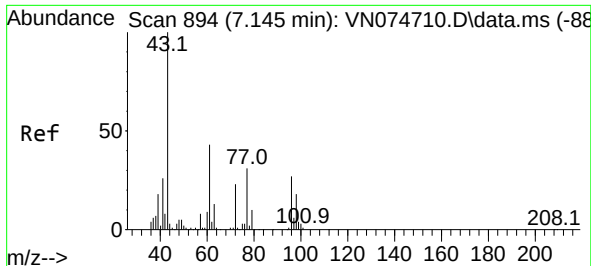


#26
2,2-Dichloropropane
Concen: 9.016 ug/l
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



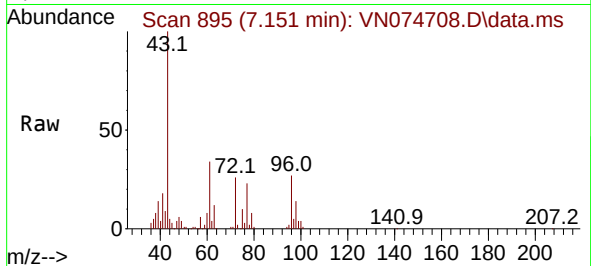
Tgt Ion: 77 Resp: 52654
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 9.946 ug/l
 RT: 7.151 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VN074708.D
 Acq: 03 Oct 2022 14:25

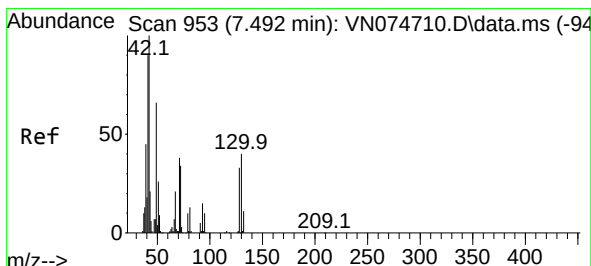
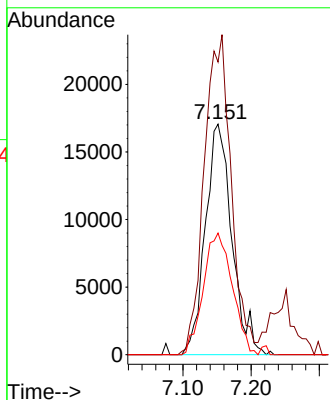
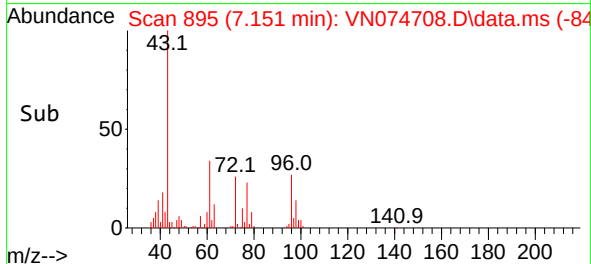
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010



Tgt Ion: 96 Resp: 46262
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 280.6
 98 57.6 0.0 128.4

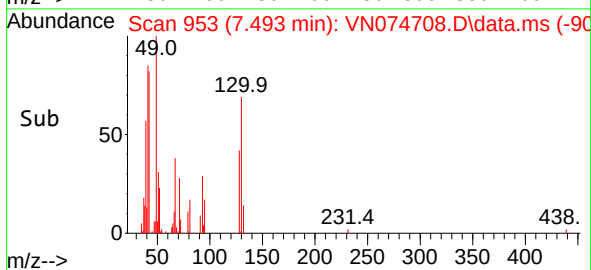
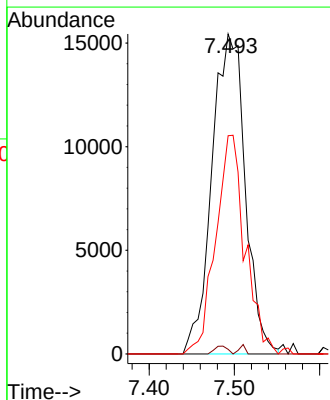
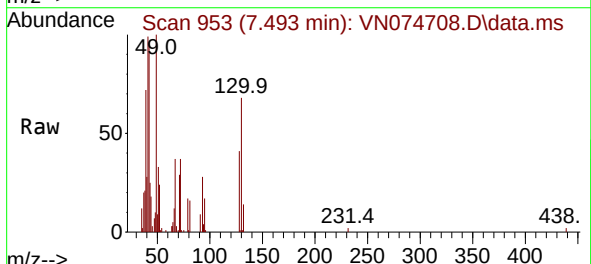
Manual Integrations
 APPROVED

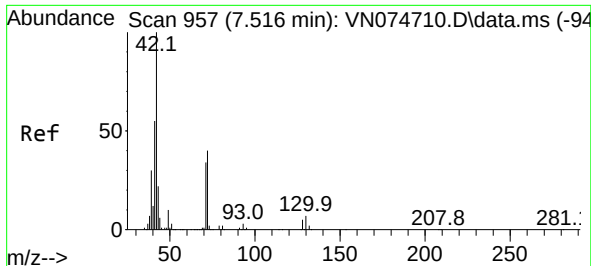
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#28
 Bromochloromethane
 Concen: 11.348 ug/l
 RT: 7.493 min Scan# 953
 Delta R.T. 0.000 min
 Lab File: VN074708.D
 Acq: 03 Oct 2022 14:25

Tgt Ion: 49 Resp: 41927
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 60.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 47.121 ug/l

RT: 7.510 min Scan# 956

Delta R.T. -0.006 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

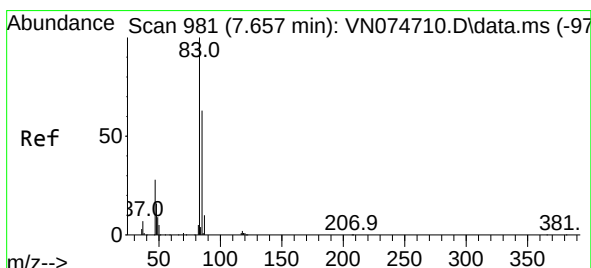
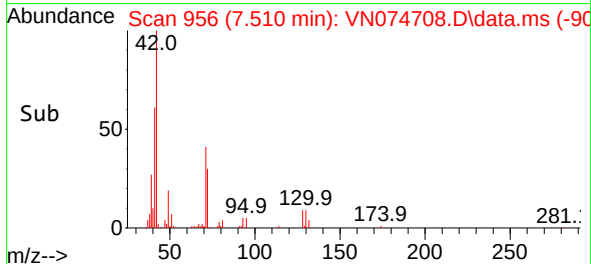
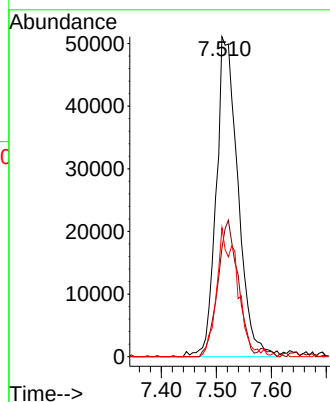
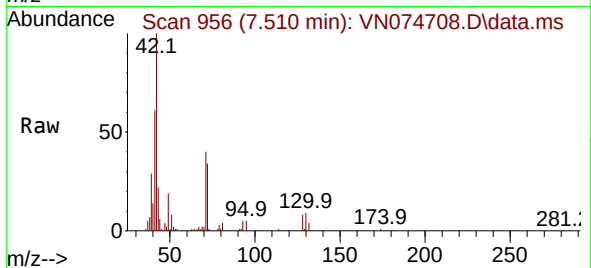
Tgt Ion: 42 Resp: 141072
 Ion Ratio Lower Upper
 42 100
 72 39.4 39.7 59.5
 71 38.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 9.852 ug/l

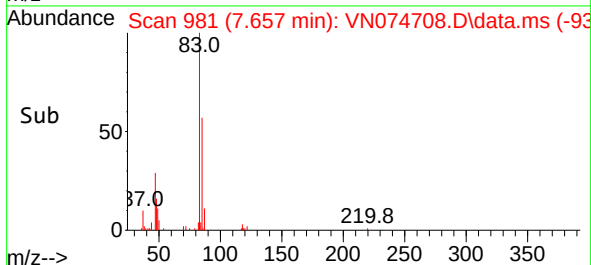
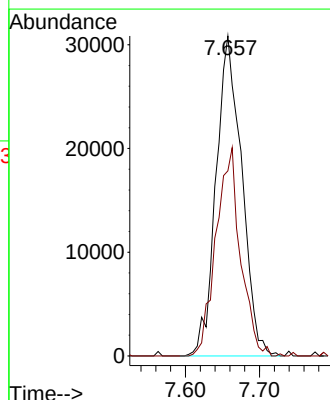
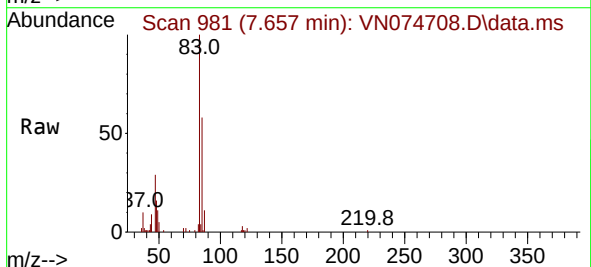
RT: 7.657 min Scan# 981

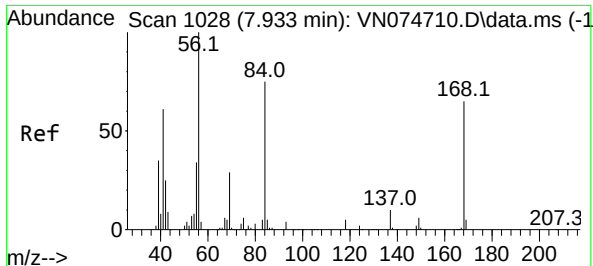
Delta R.T. 0.000 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Tgt Ion: 83 Resp: 74260
 Ion Ratio Lower Upper
 83 100
 85 57.8 51.8 77.8





#31

Cyclohexane

Concen: 9.959 ug/l

RT: 7.934 min Scan# 1028

Delta R.T. 0.000 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 7384

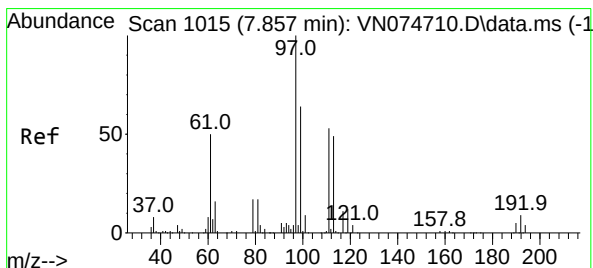
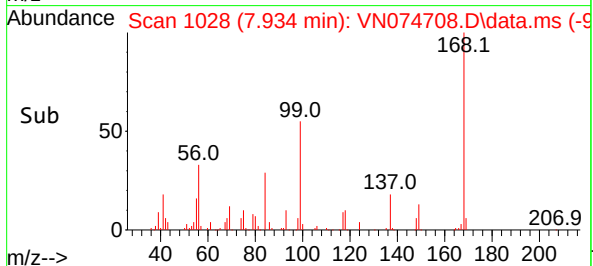
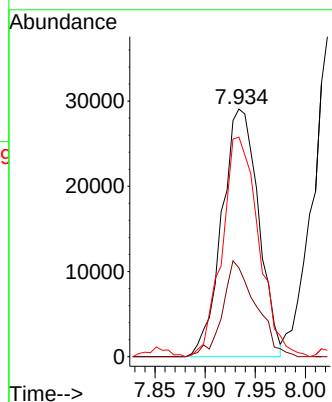
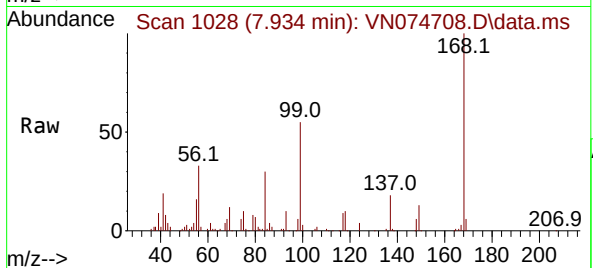
Ion	Ratio	Lower	Upper
56	100		
69	35.9	27.8	41.8
84	87.8	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#32

1,1,1-Trichloroethane

Concen: 9.286 ug/l

RT: 7.857 min Scan# 1015

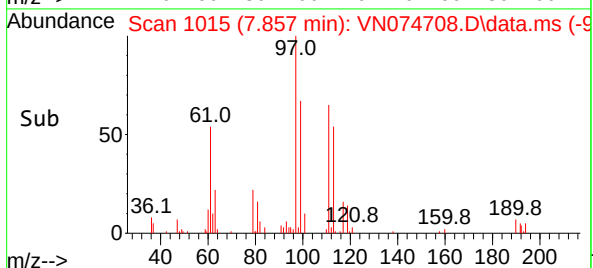
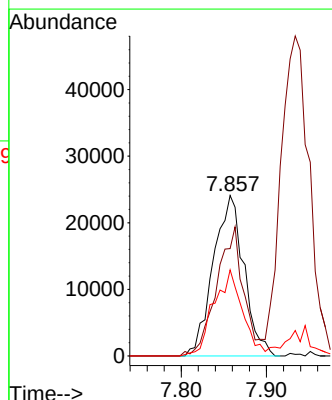
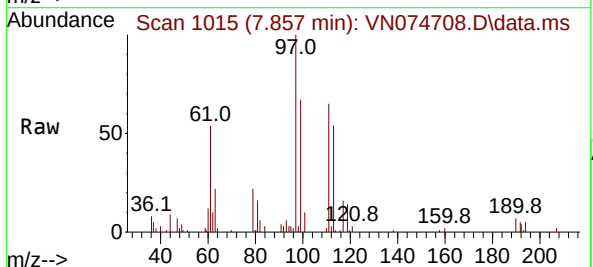
Delta R.T. 0.000 min

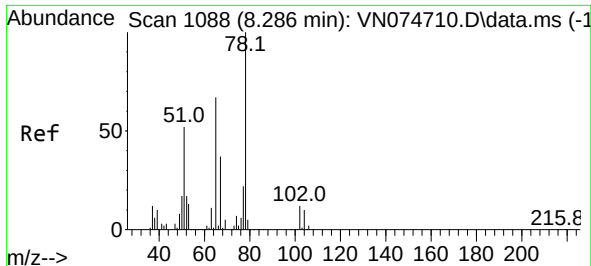
Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Tgt Ion: 97 Resp: 60211

Ion	Ratio	Lower	Upper
97	100		
99	71.9	50.6	76.0
61	50.2	36.0	54.0





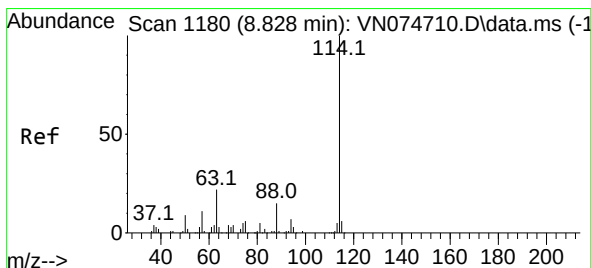
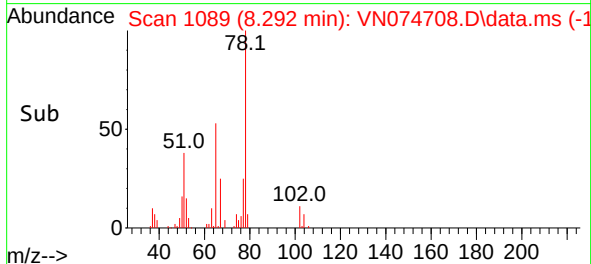
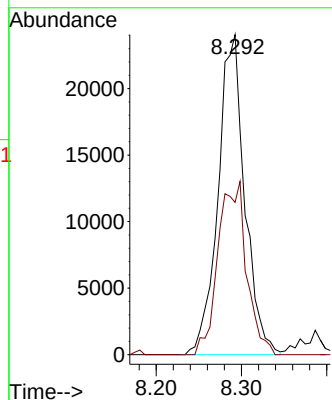
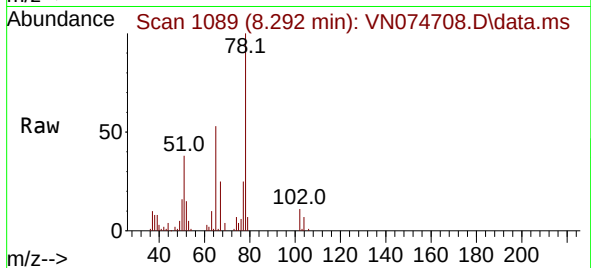
#33
1,2-Dichloroethane-d4
Concen: 10.923 ug/l
RT: 8.292 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 52414
Ion Ratio Lower Upper
65 100
67 57.4 0.0 104.8

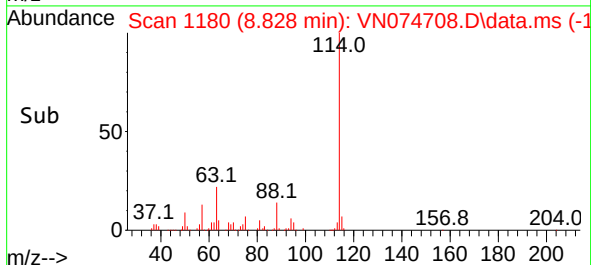
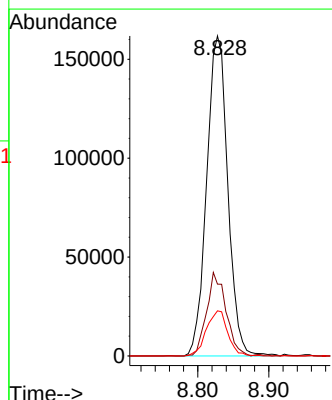
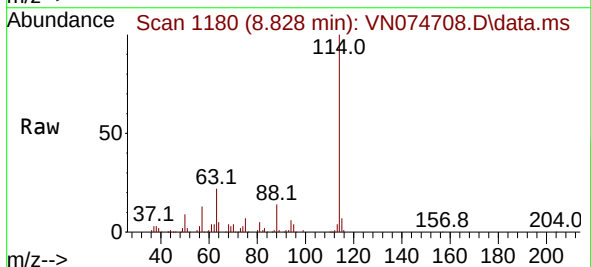
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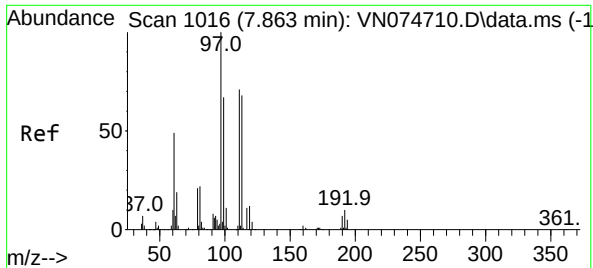
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.828 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion:114 Resp: 334845
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 14.1 0.0 32.6





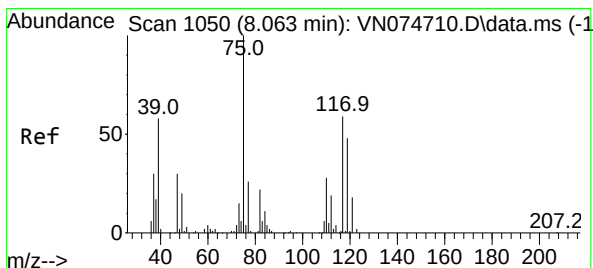
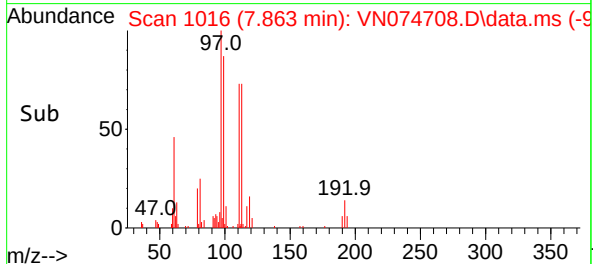
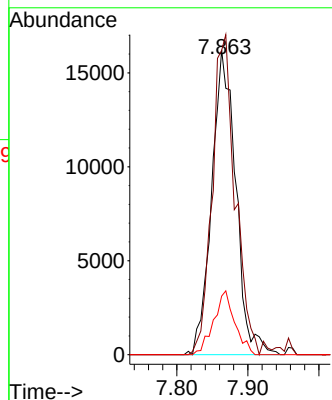
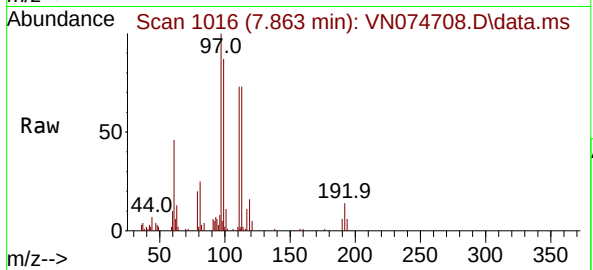
#35
Dibromofluoromethane
Concen: 10.593 ug/l
RT: 7.863 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 113 Resp: 3813
Ion Ratio Lower Upper
113 100
111 99.9 81.4 122.0
192 18.4 17.0 25.6

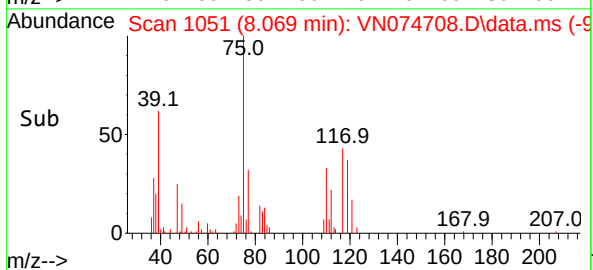
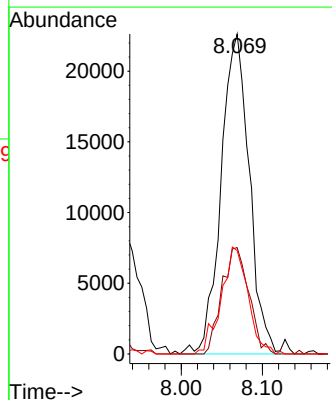
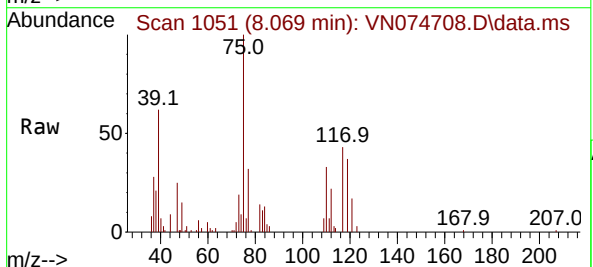
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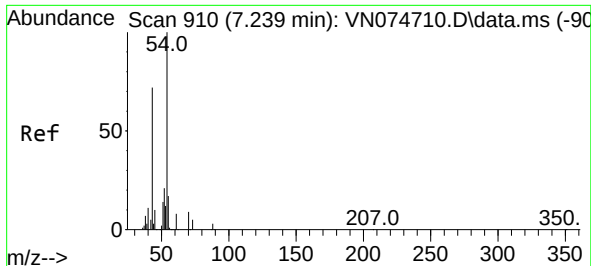
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#36
1,1-Dichloropropene
Concen: 9.312 ug/l
RT: 8.069 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

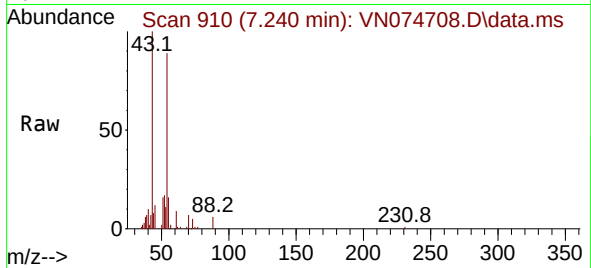
Tgt Ion: 75 Resp: 54592
Ion Ratio Lower Upper
75 100
110 31.9 18.3 54.8
77 31.7 25.1 37.7





#37
Ethyl Acetate
Concen: 8.906 ug/l m
RT: 7.240 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

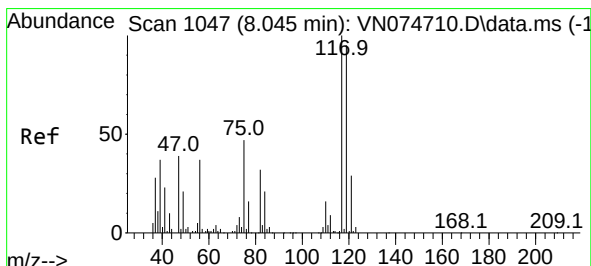
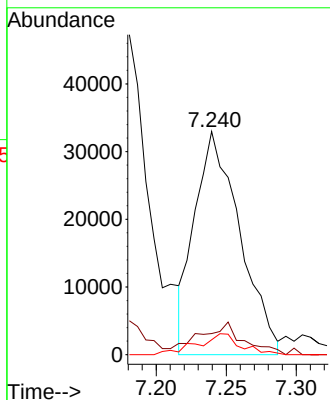
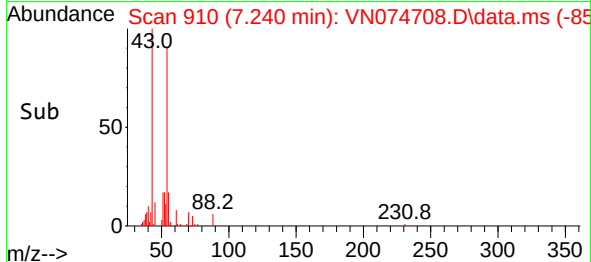
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 73952
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 9.0 9.3 13.9

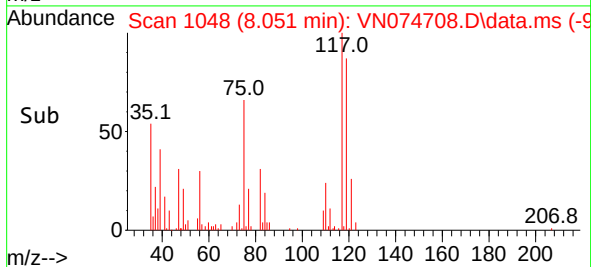
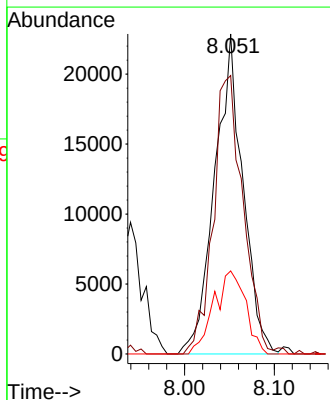
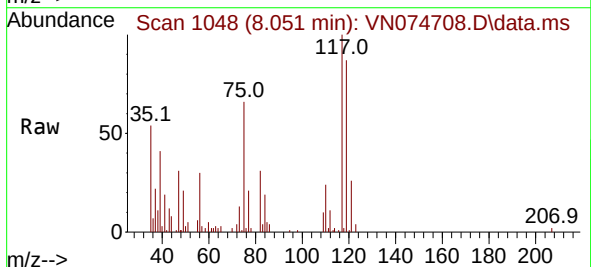
Manual Integrations
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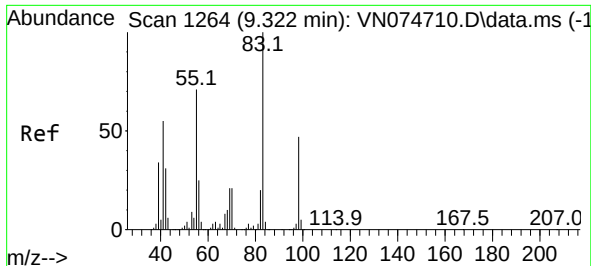
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#38
Carbon Tetrachloride
Concen: 9.618 ug/l
RT: 8.051 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion:117 Resp: 49865
Ion Ratio Lower Upper
117 100
119 87.0 75.8 113.8
121 26.0 24.6 37.0





#39

Methylcyclohexane

Concen: 9.656 ug/l

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

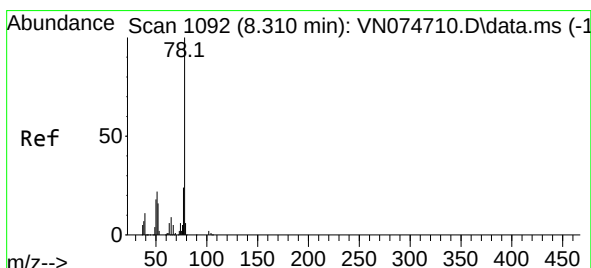
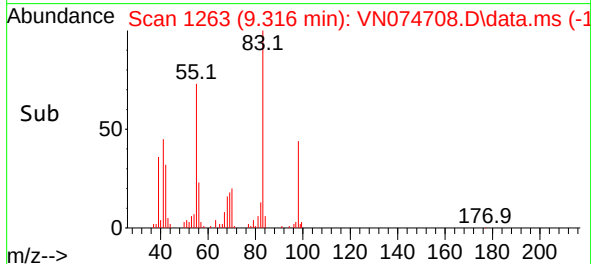
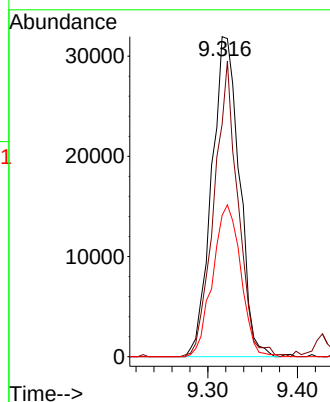
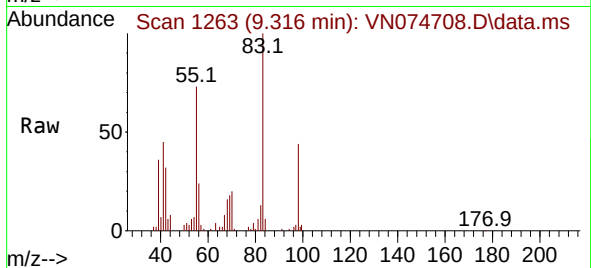
Tgt Ion:	83	Resp:	68570
Ion	Ratio	Lower	Upper
83	100		
55	72.7	57.8	86.8
98	44.2	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 9.699 ug/l

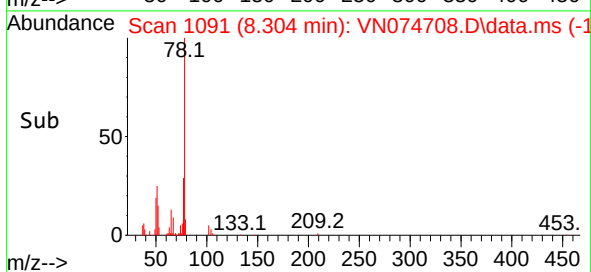
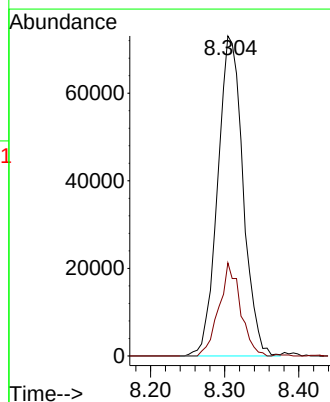
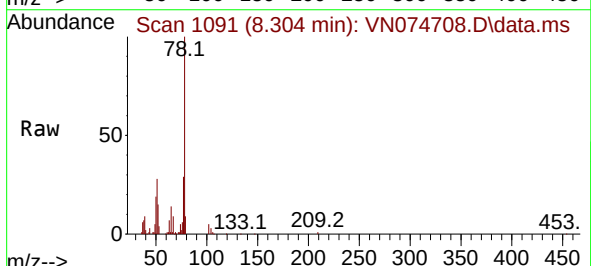
RT: 8.304 min Scan# 1091

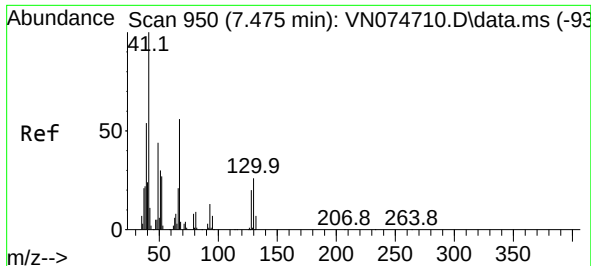
Delta R.T. -0.006 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Tgt Ion:	78	Resp:	173355
Ion	Ratio	Lower	Upper
78	100		
77	29.1	19.4	29.0





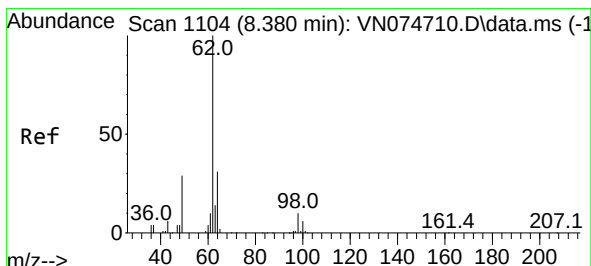
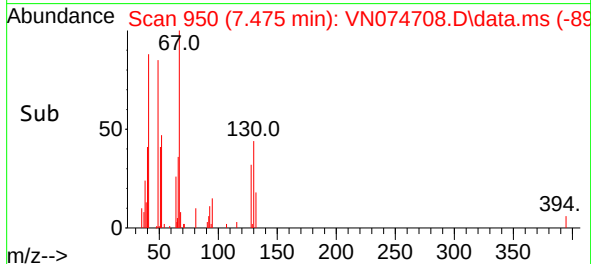
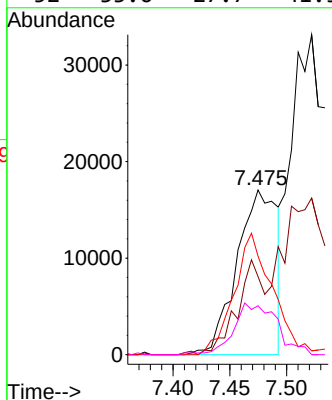
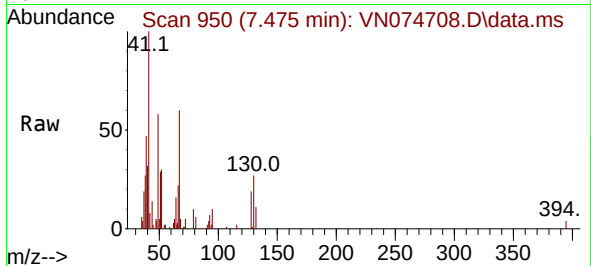
#41
Methacrylonitrile
Concen: 10.755 ug/l
RT: 7.475 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 41924
Ion Ratio Lower Upper
41 100
39 37.2 48.6 73.0
67 71.6 73.4 110.2
52 33.6 27.7 41.5

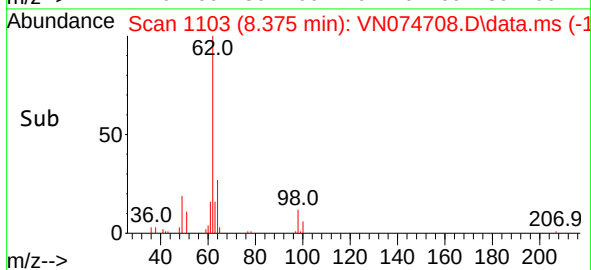
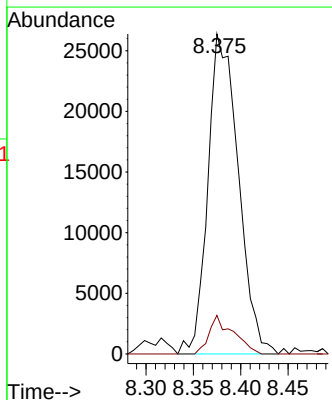
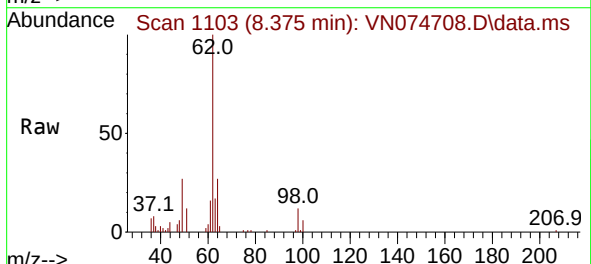
Manual Integrations
APPROVED

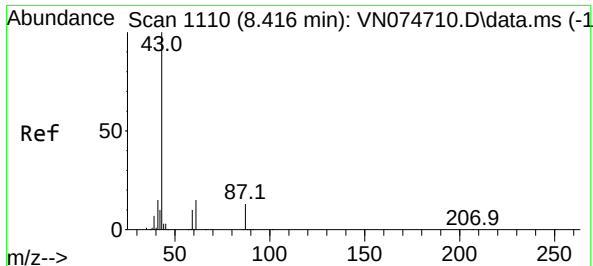
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 9.660 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

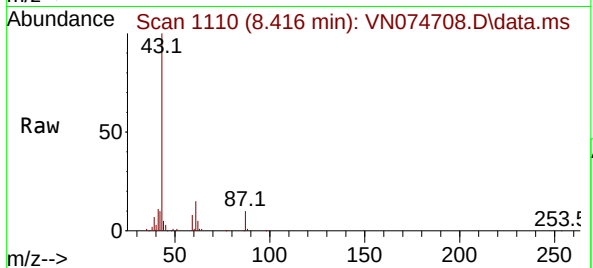
Tgt Ion: 62 Resp: 59095
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 9.748 ug/l
RT: 8.416 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

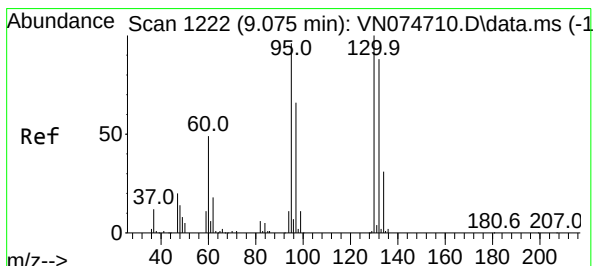
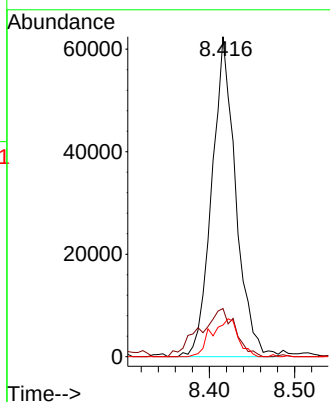
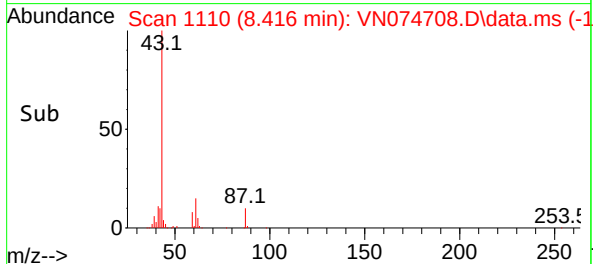
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 12194
Ion Ratio Lower Upper
43 100
61 22.3 21.9 32.9
87 13.2 12.0 18.0

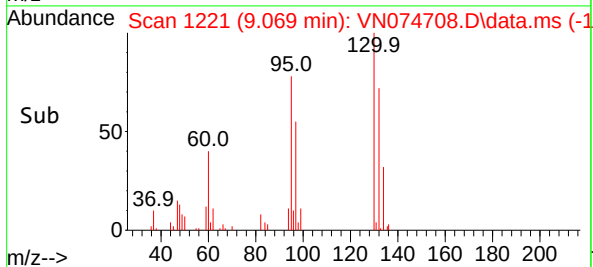
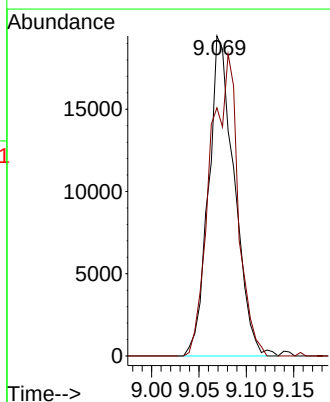
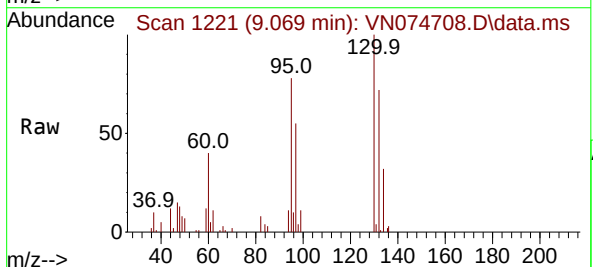
Manual Integrations
APPROVED

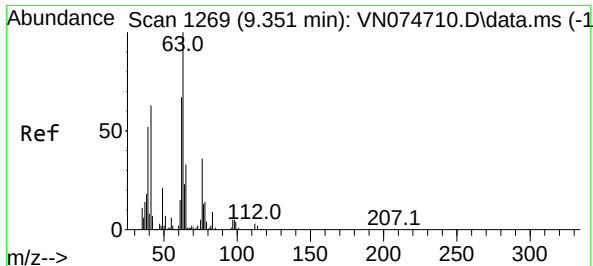
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Trichloroethene
Concen: 9.350 ug/l
RT: 9.069 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion:130 Resp: 36897
Ion Ratio Lower Upper
130 100
95 77.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 9.623 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 45624

Ion Ratio Lower Upper

63 100

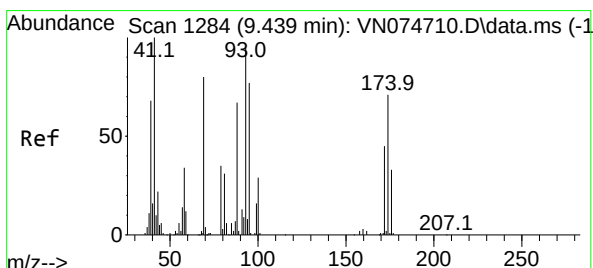
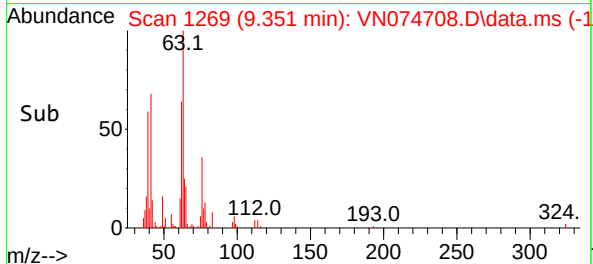
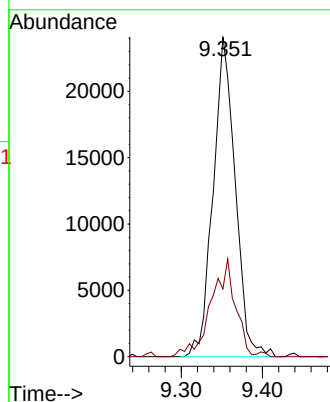
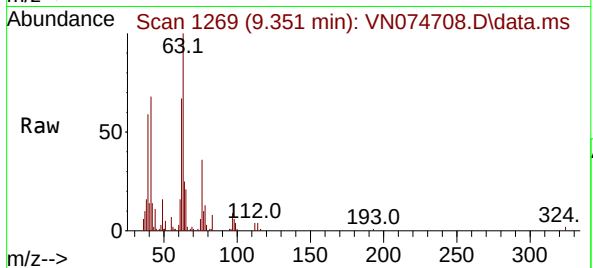
65 21.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 9.785 ug/l

RT: 9.439 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

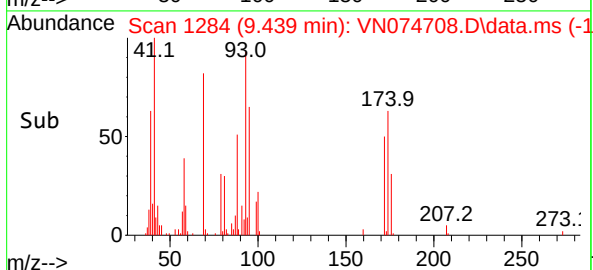
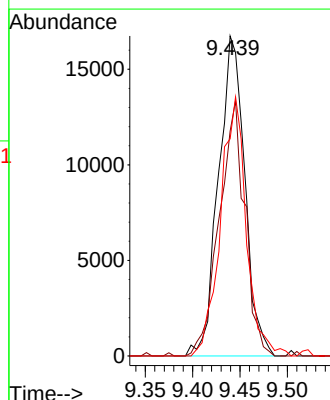
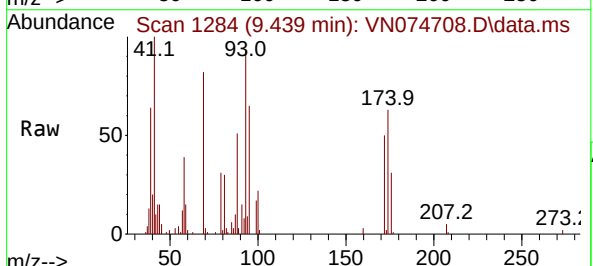
Tgt Ion: 93 Resp: 32328

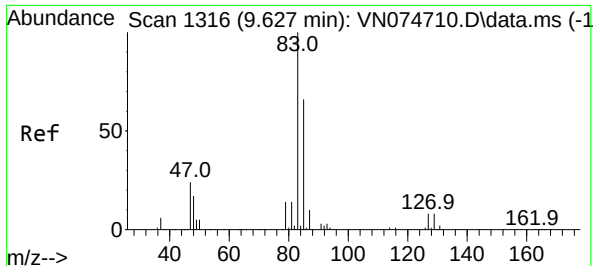
Ion Ratio Lower Upper

93 100

95 77.8 66.9 100.3

174 79.5 86.6 130.0





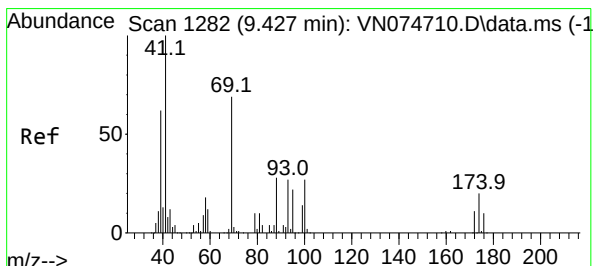
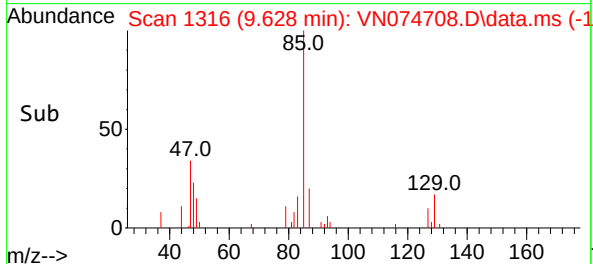
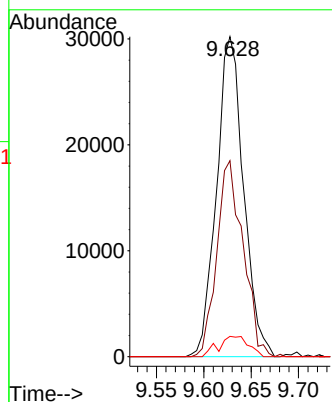
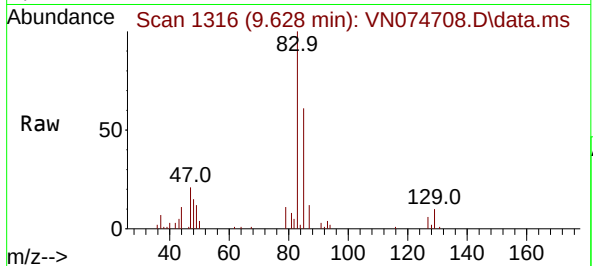
#47
Bromodichloromethane
Concen: 9.966 ug/l
RT: 9.628 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 59929
Ion Ratio Lower Upper
83 100
85 61.2 50.5 75.7
127 6.4 6.8 10.2

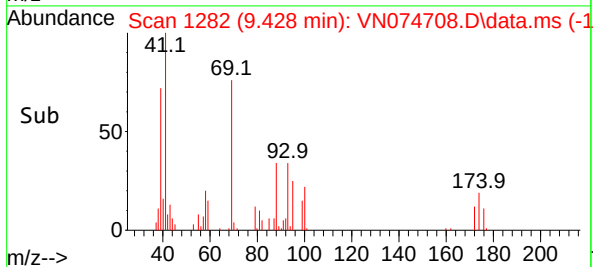
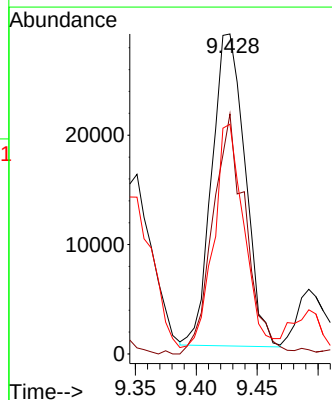
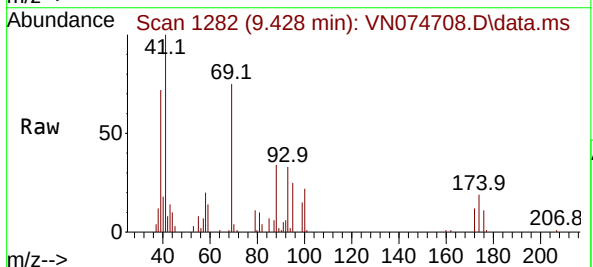
Manual Integrations
APPROVED

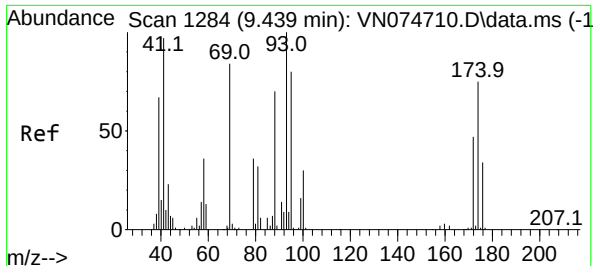
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#48
Methyl methacrylate
Concen: 9.451 ug/l
RT: 9.428 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion: 41 Resp: 54168
Ion Ratio Lower Upper
41 100
69 75.8 74.7 112.1
39 70.2 45.6 68.4





#49

1,4-Dioxane

Concen: 204.187 ug/l

RT: 9.428 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

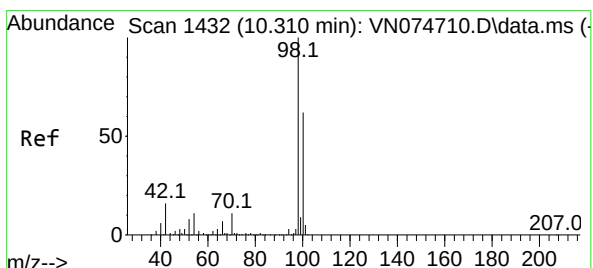
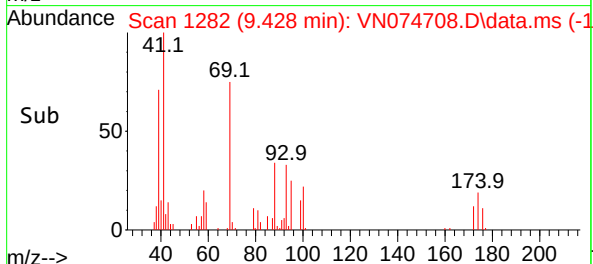
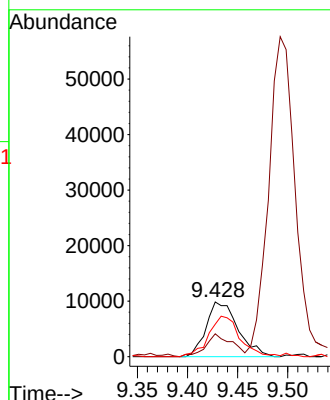
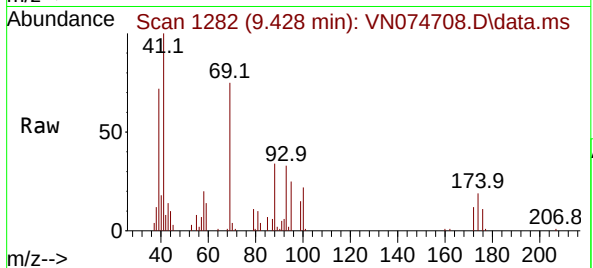
Tgt Ion: 88	Resp: 2164
Ion Ratio	Lower Upper
88 100	
43 34.1	20.2 30.4
58 72.6	54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 10.202 ug/l

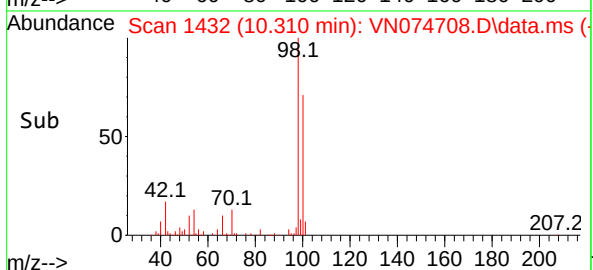
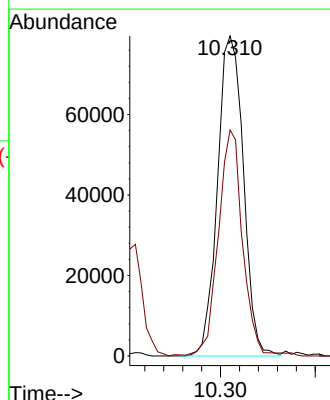
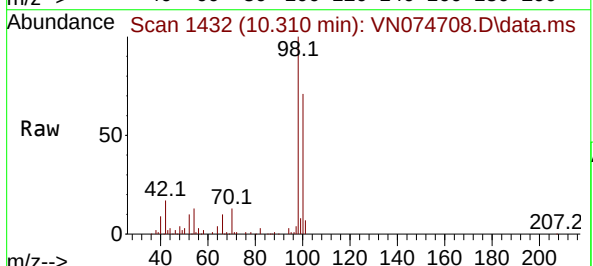
RT: 10.310 min Scan# 1432

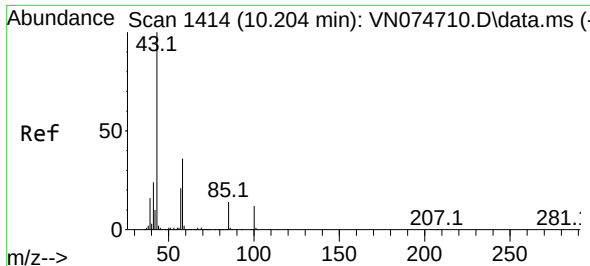
Delta R.T. 0.000 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Tgt Ion: 98	Resp: 150946
Ion Ratio	Lower Upper
98 100	
100 66.3	52.6 78.8





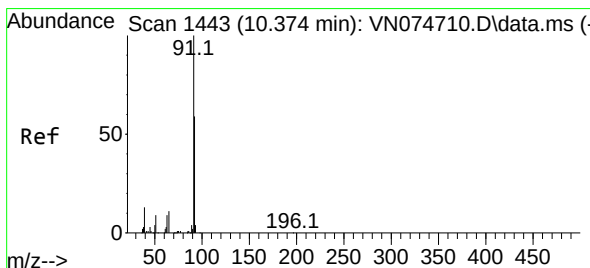
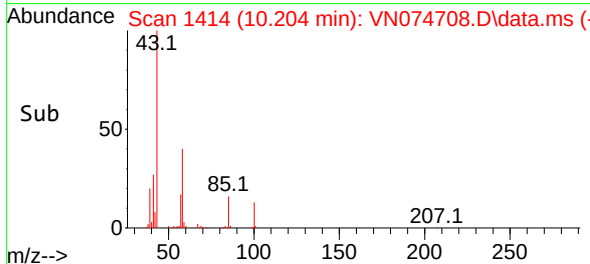
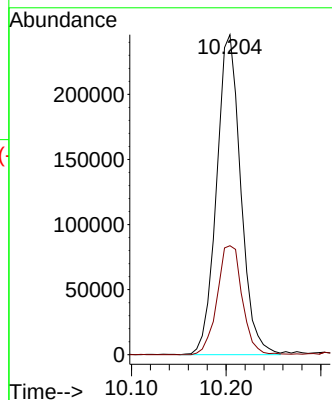
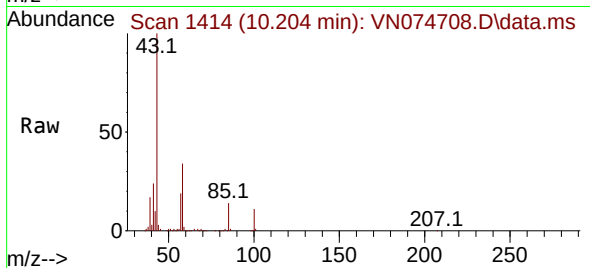
#51
4-Methyl-2-Pentanone
Concen: 48.458 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 436732
Ion Ratio Lower Upper
43 100
58 35.2 34.1 51.1

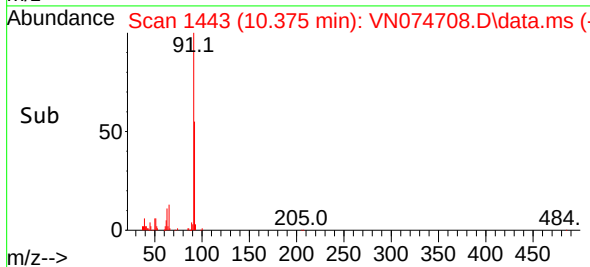
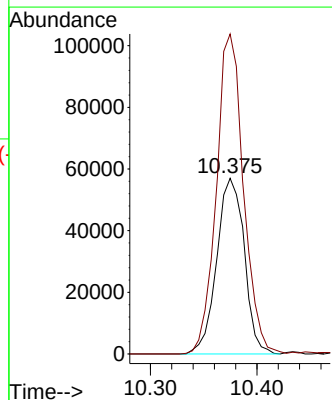
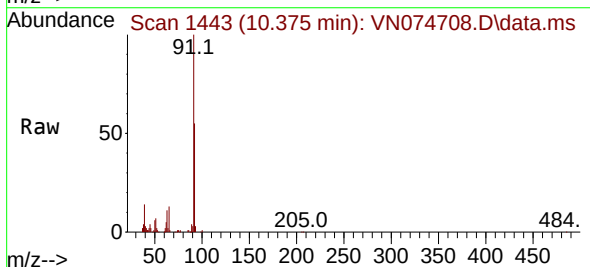
Manual Integrations
APPROVED

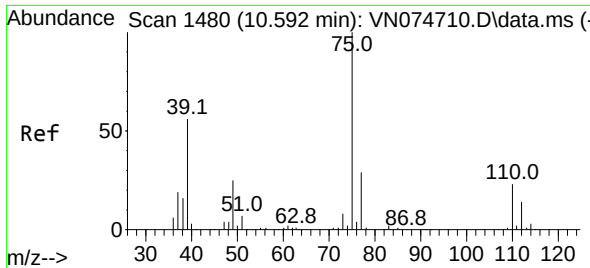
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#52
Toluene
Concen: 9.405 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

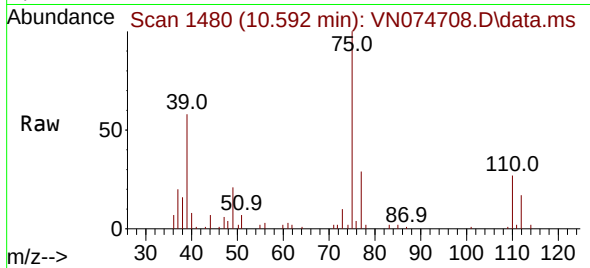
Tgt Ion: 92 Resp: 102279
Ion Ratio Lower Upper
92 100
91 179.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 8.925 ug/l
RT: 10.592 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

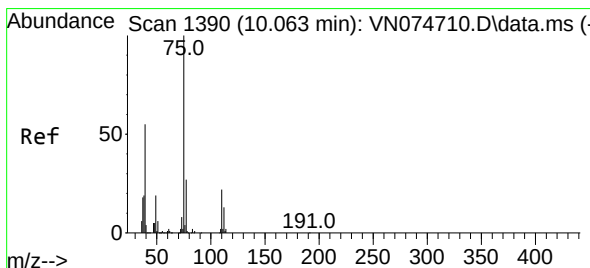
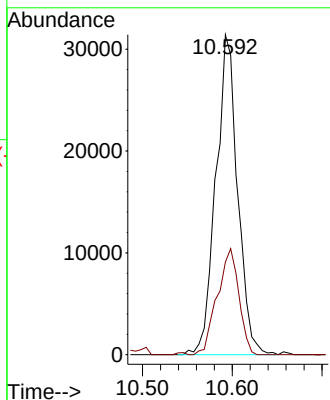
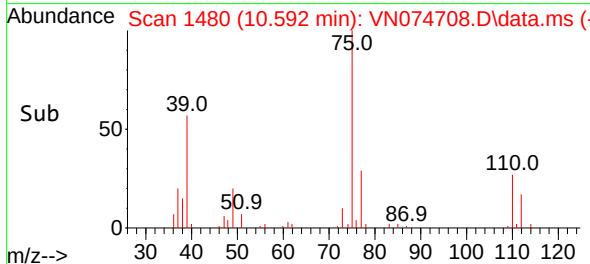
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



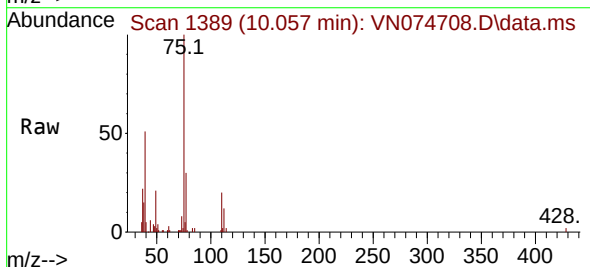
Tgt Ion: 75 Resp: 5289
Ion Ratio Lower Upper
75 100
77 29.0 25.6 38.4

Manual Integrations
APPROVED

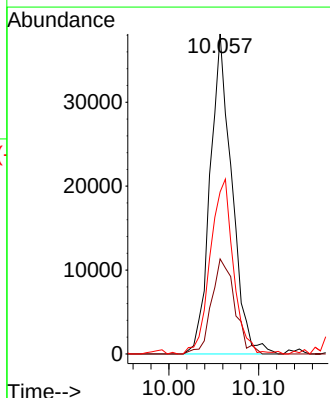
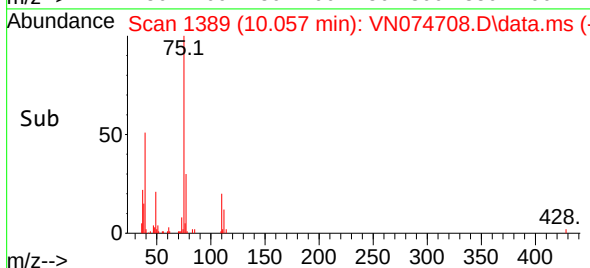
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

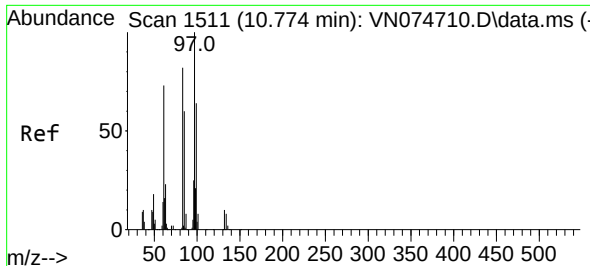


#54
cis-1,3-Dichloropropene
Concen: 9.666 ug/l
RT: 10.057 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



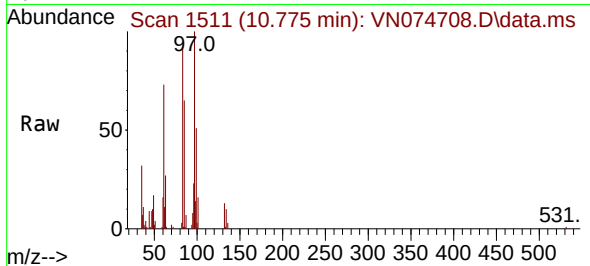
Tgt Ion: 75 Resp: 64076
Ion Ratio Lower Upper
75 100
77 29.7 25.2 37.8
39 50.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 9.575 ug/l
RT: 10.775 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

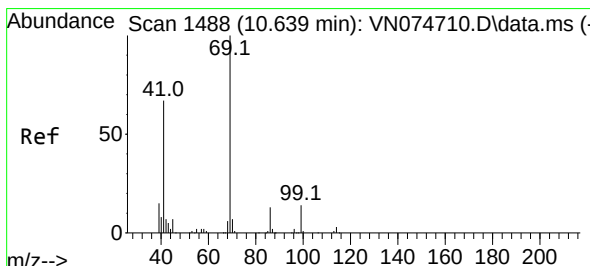
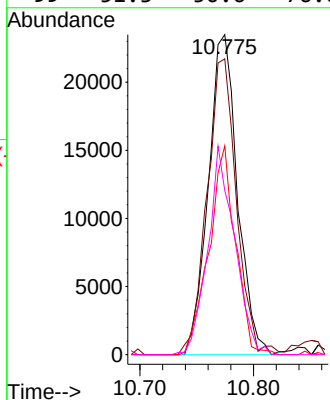
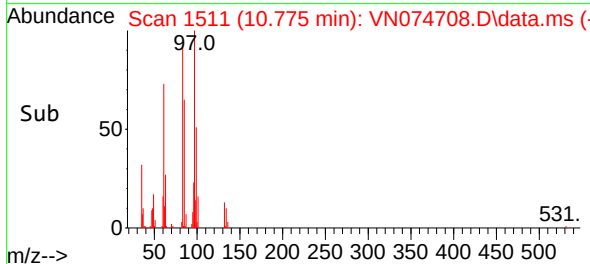
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 97 Resp: 4188
Ion Ratio Lower Upper
97 100
83 92.5 66.2 99.4
85 65.2 43.9 65.9
99 51.3 50.6 76.0

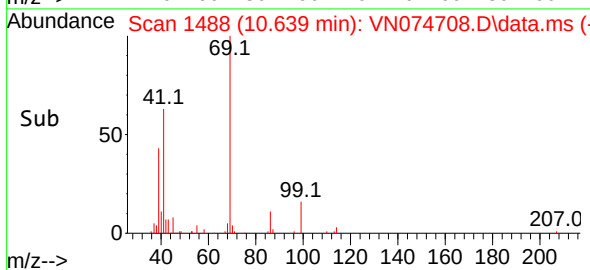
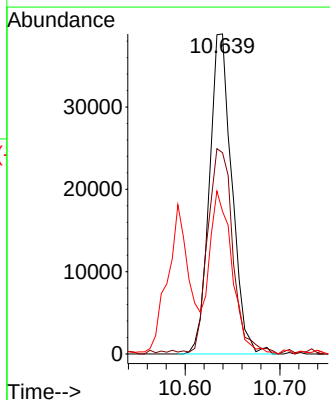
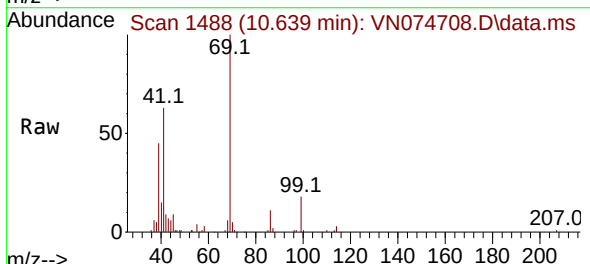
Manual Integrations
APPROVED

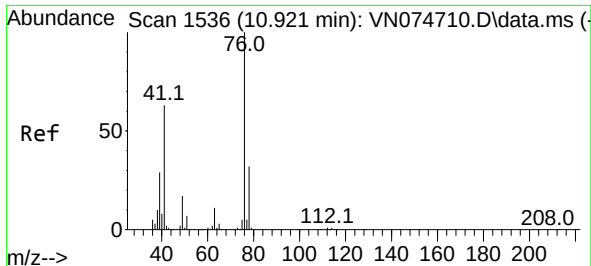
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#56
Ethyl methacrylate
Concen: 9.340 ug/l
RT: 10.639 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

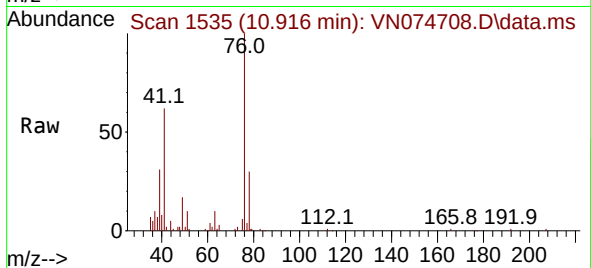
Tgt Ion: 69 Resp: 64319
Ion Ratio Lower Upper
69 100
41 71.5 47.8 71.6
39 51.2 27.3 40.9





#57
1,3-Dichloropropane
Concen: 9.628 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

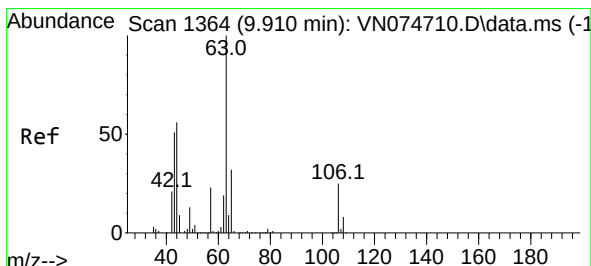
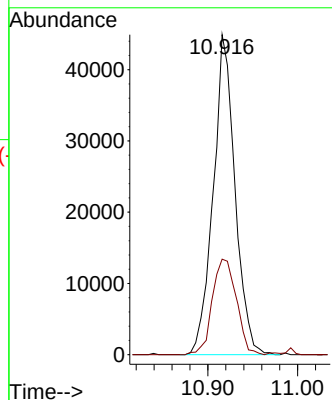
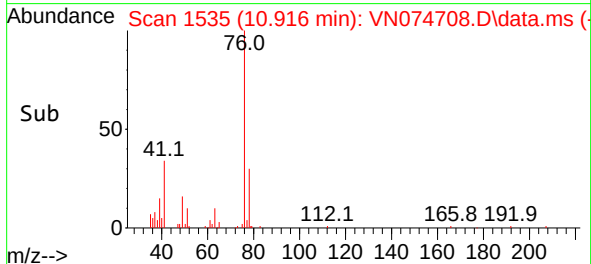
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



Tgt Ion: 76 Resp: 75672
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.2

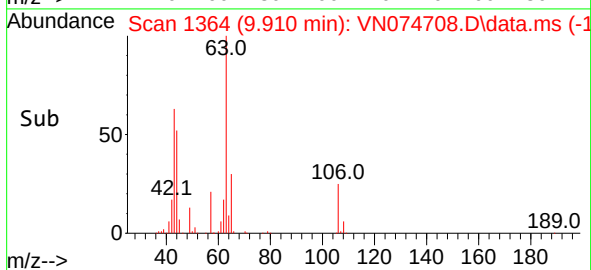
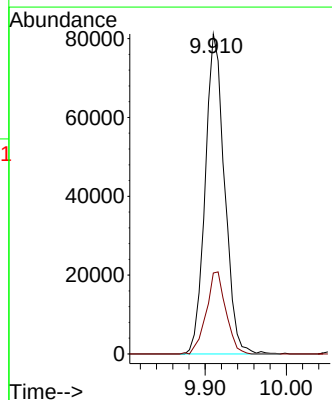
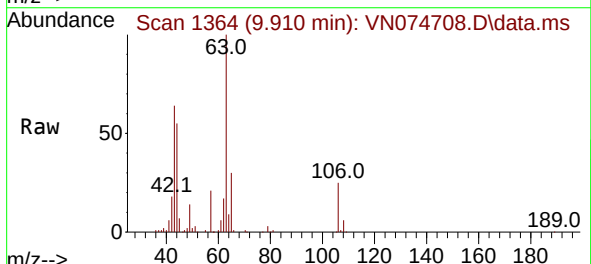
Manual Integrations
APPROVED

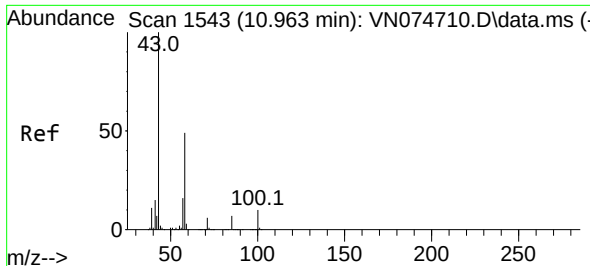
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 50.542 ug/l
RT: 9.910 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

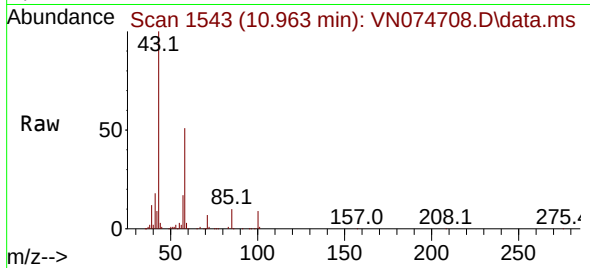
Tgt Ion: 63 Resp: 134217
Ion Ratio Lower Upper
63 100
106 26.1 24.6 36.8





#59
2-Hexanone
Concen: 47.328 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

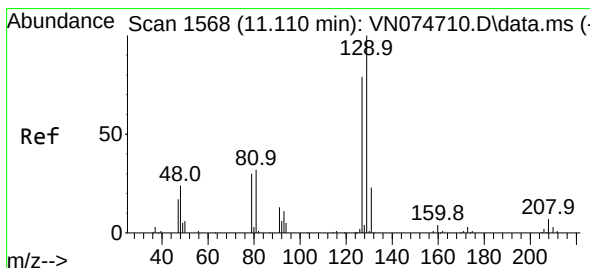
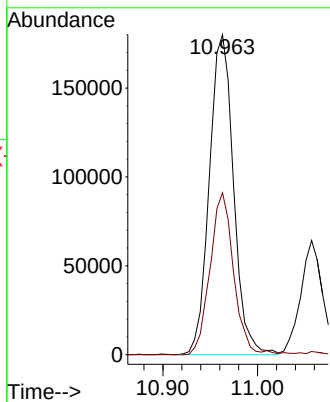
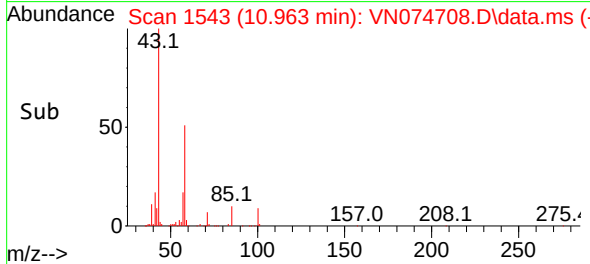
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 31960
Ion Ratio Lower Upper
43 100
58 49.1 29.7 89.1

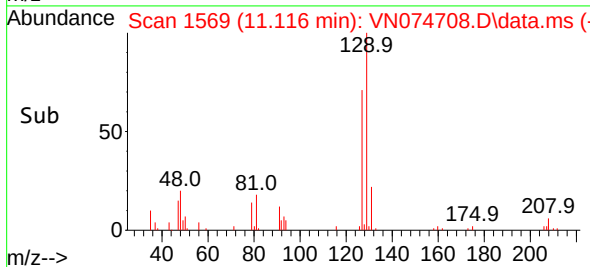
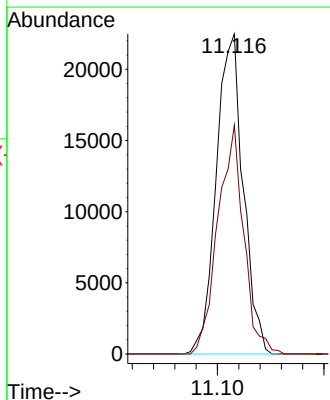
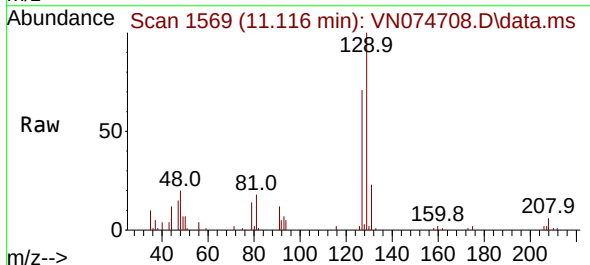
Manual Integrations
APPROVED

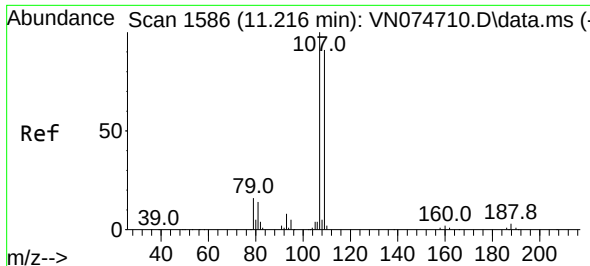
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 9.868 ug/l
RT: 11.116 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion:129 Resp: 39486
Ion Ratio Lower Upper
129 100
127 68.7 38.8 116.4





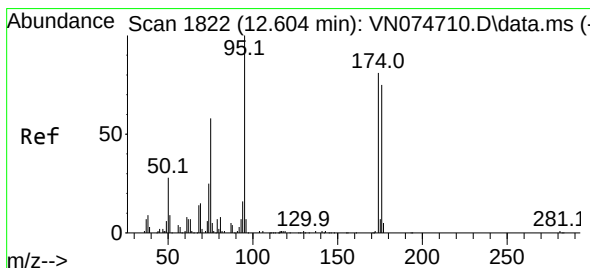
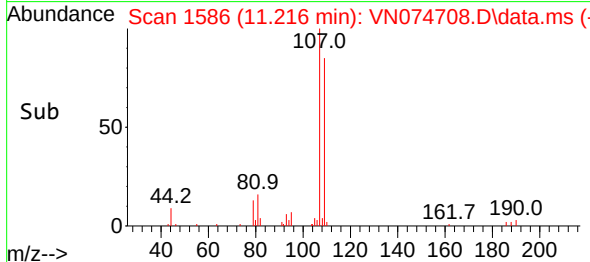
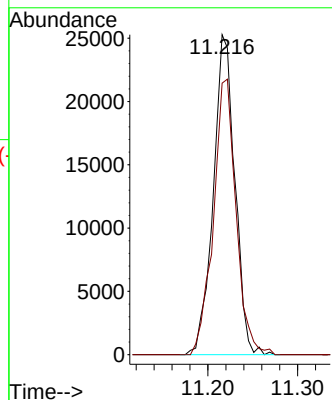
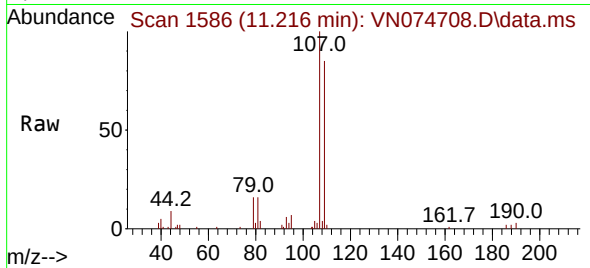
#61
1,2-Dibromoethane
Concen: 9.762 ug/l
RT: 11.216 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 4222
Ion Ratio Lower Upper
107 100
109 90.5 75.0 112.6

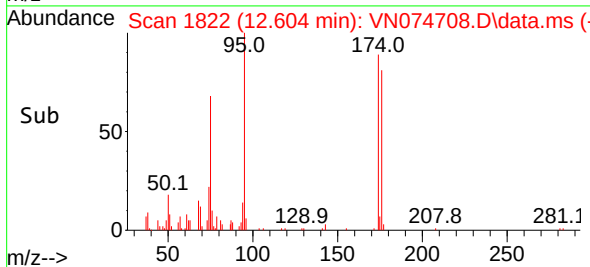
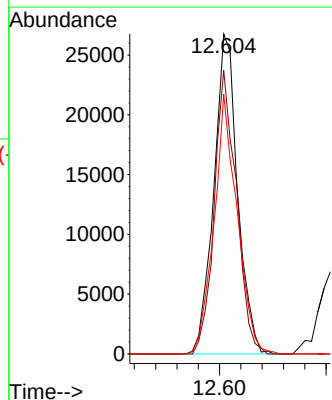
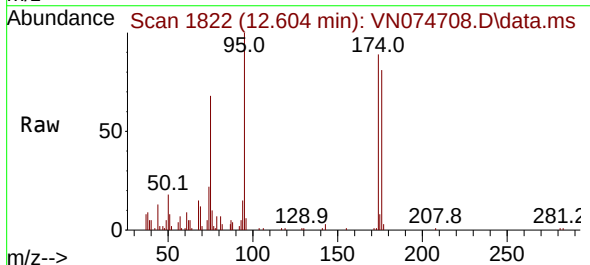
Manual Integrations
APPROVED

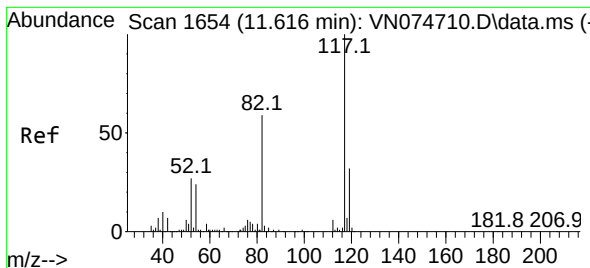
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#62
4-Bromofluorobenzene
Concen: 9.588 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

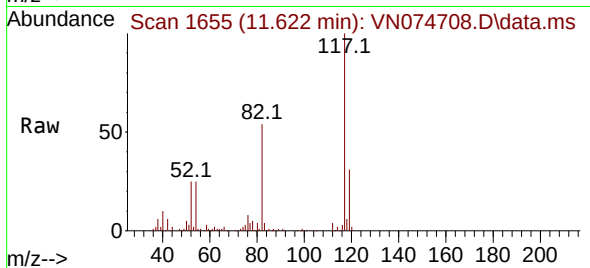
Tgt Ion: 95 Resp: 41433
Ion Ratio Lower Upper
95 100
174 82.7 0.0 167.6
176 79.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.622 min Scan# 11655
Delta R.T. 0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

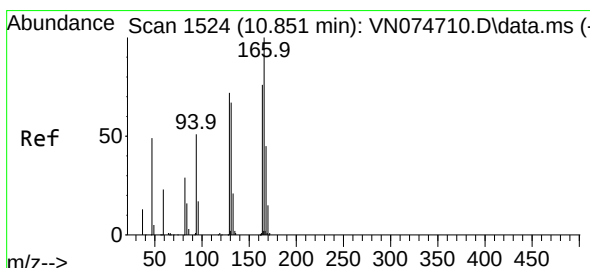
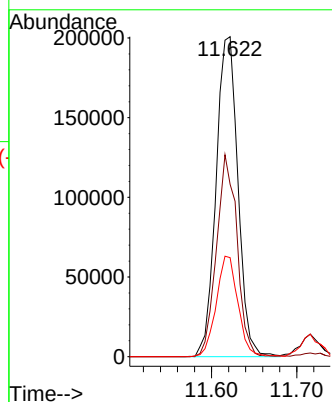
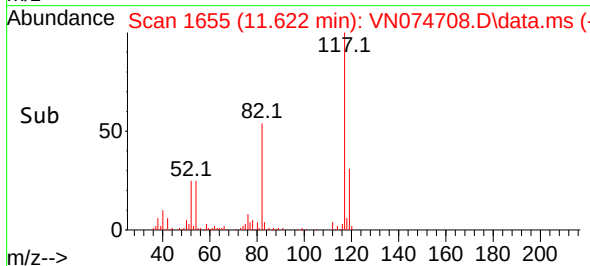
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



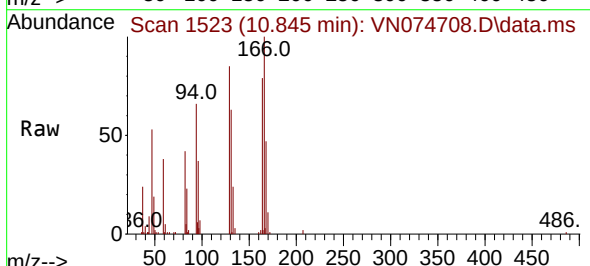
Tgt Ion:117 Resp: 35827
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 30.9 25.4 38.0

Manual Integrations
APPROVED

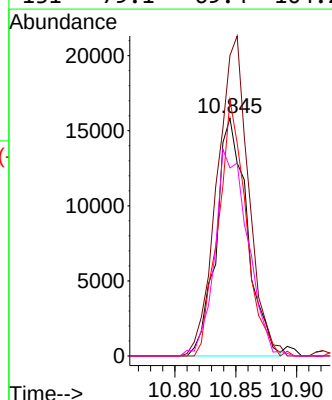
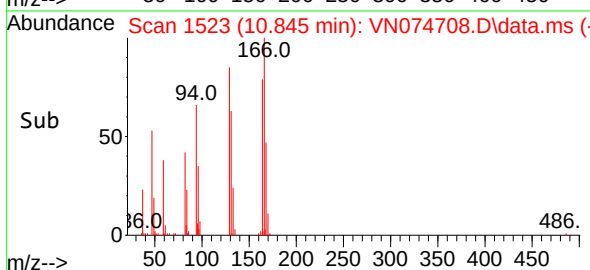
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

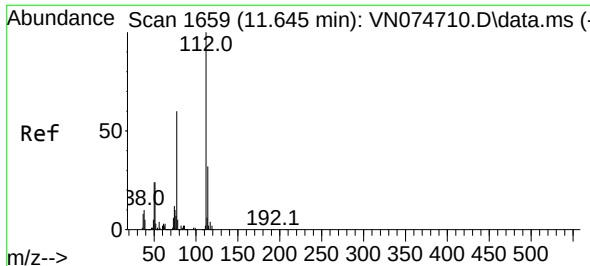


#64
Tetrachloroethene
Concen: 9.567 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



Tgt Ion:164 Resp: 27964
Ion Ratio Lower Upper
164 100
166 126.4 104.2 156.2
129 107.7 73.9 110.9
131 79.1 69.4 104.2





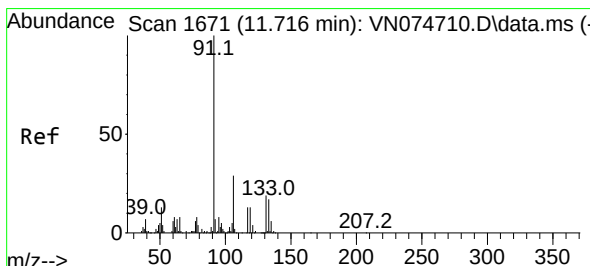
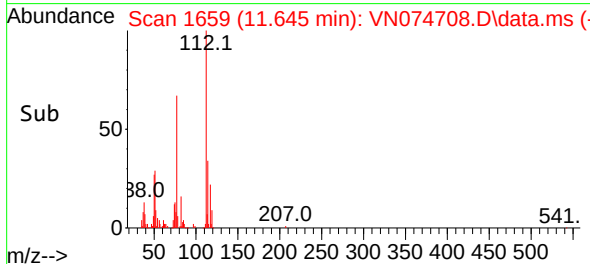
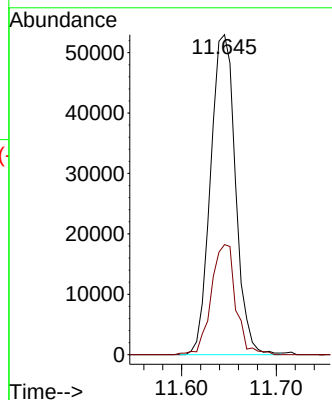
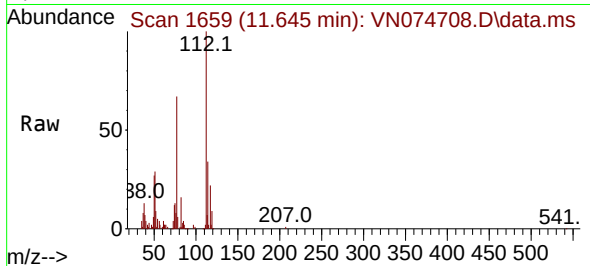
#65
Chlorobenzene
Concen: 8.915 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 9697
Ion Ratio Lower Upper
112 100
114 34.4 25.4 38.2

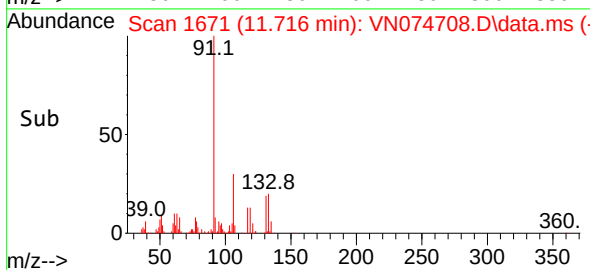
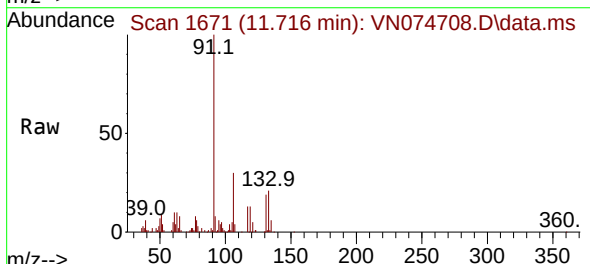
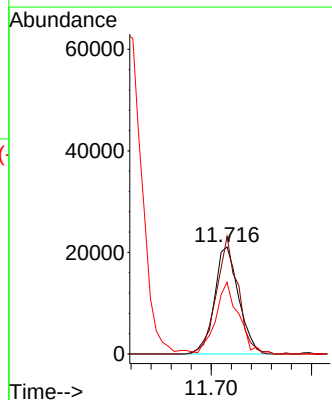
Manual Integrations
APPROVED

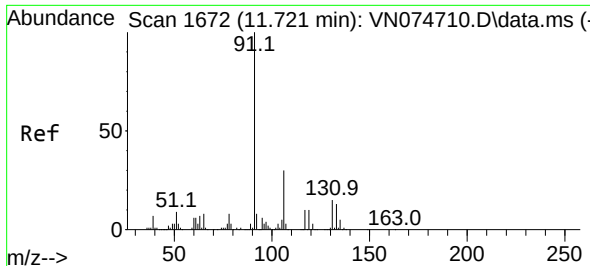
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.907 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

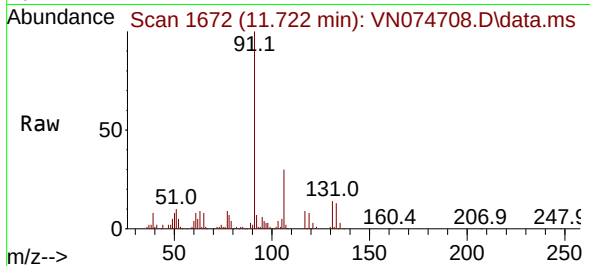
Tgt Ion:131 Resp: 35557
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 63.1 33.4 100.2





#67
Ethyl Benzene
Concen: 9.515 ug/l
RT: 11.722 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

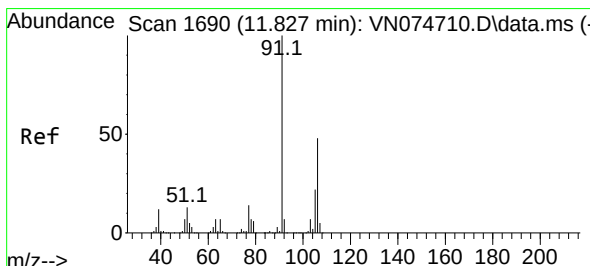
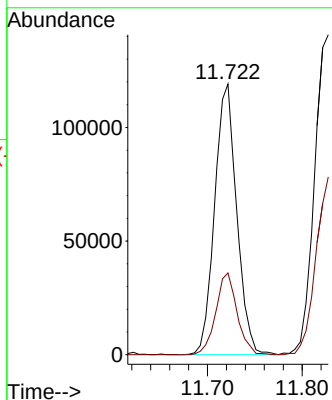
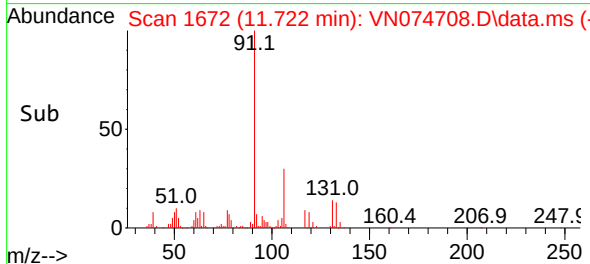
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



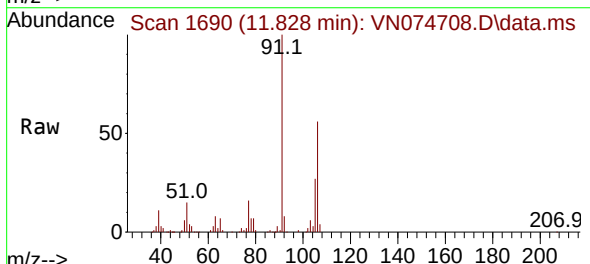
Tgt Ion: 91 Resp: 192898
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

Manual Integrations
APPROVED

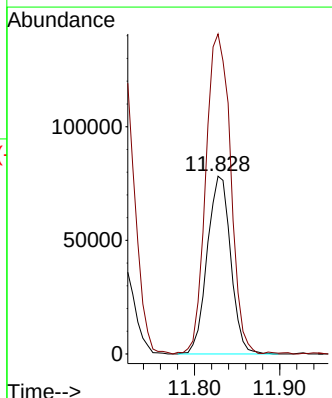
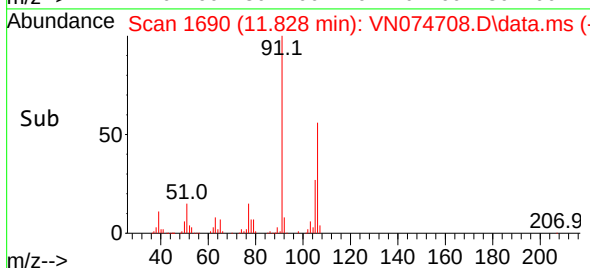
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

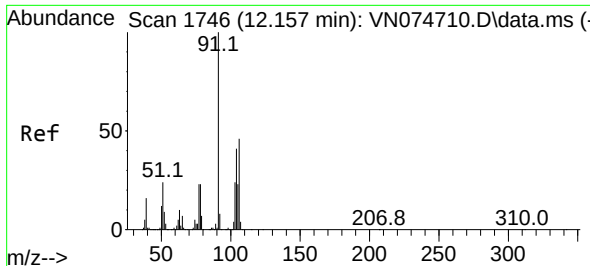


#68
m/p-Xylenes
Concen: 19.804 ug/l
RT: 11.828 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



Tgt Ion:106 Resp: 149624
Ion Ratio Lower Upper
106 100
91 189.7 158.9 238.3





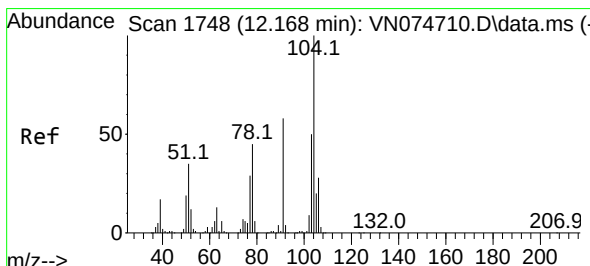
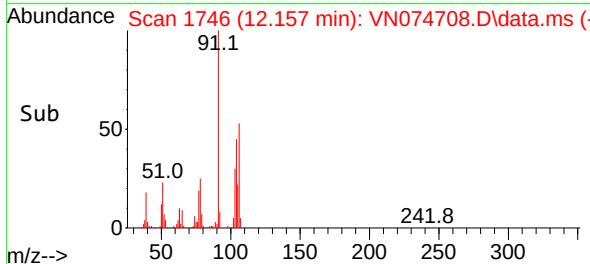
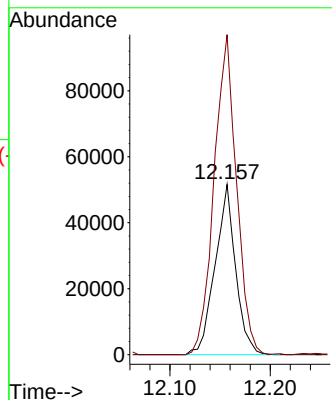
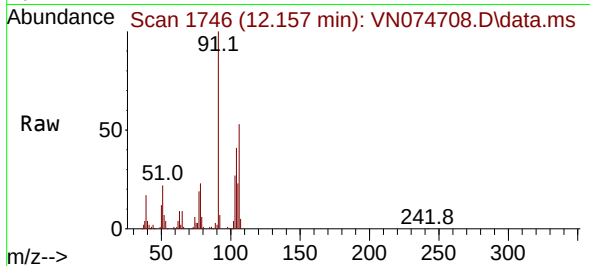
#69
o-Xylene
Concen: 9.654 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 7320
Ion Ratio Lower Upper
106 100
91 205.8 106.0 318.0

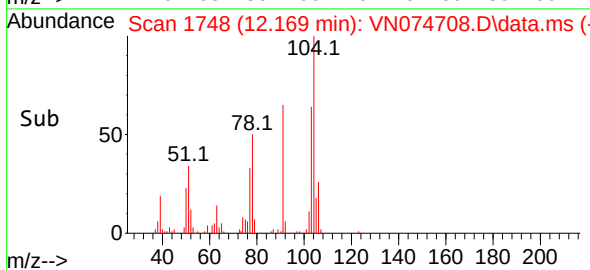
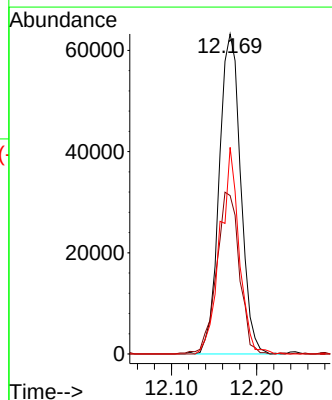
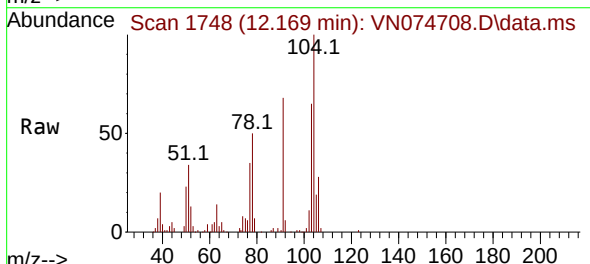
Manual Integrations
APPROVED

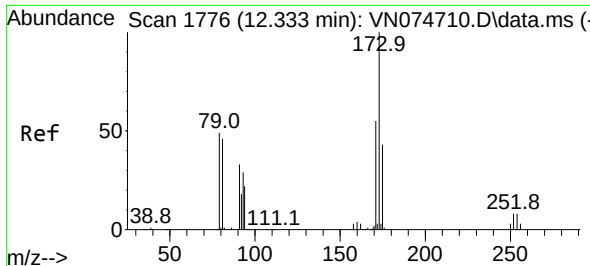
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
Styrene
Concen: 9.144 ug/l
RT: 12.169 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

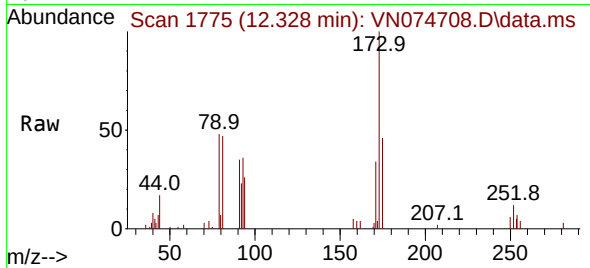
Tgt Ion:104 Resp: 110684
Ion Ratio Lower Upper
104 100
78 53.8 39.5 59.3
103 57.6 44.0 66.0





#71
Bromoform
Concen: 8.863 ug/l
RT: 12.328 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

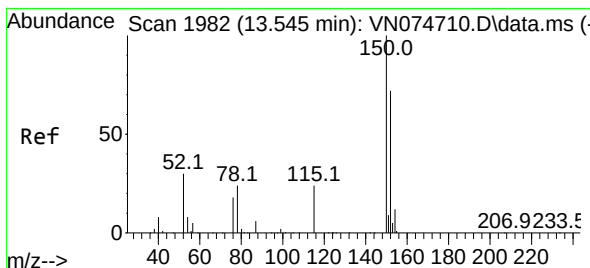
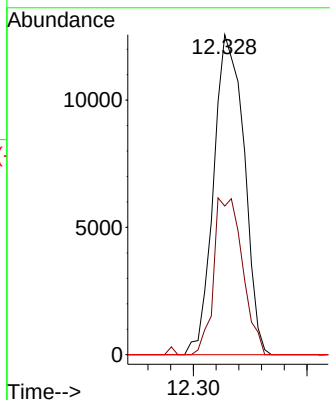
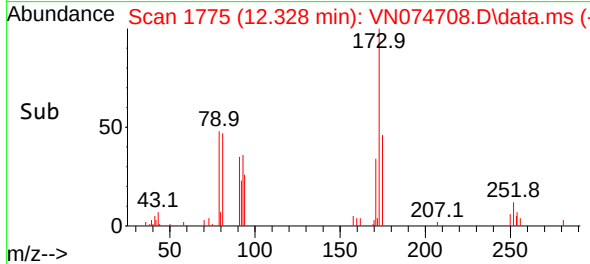
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



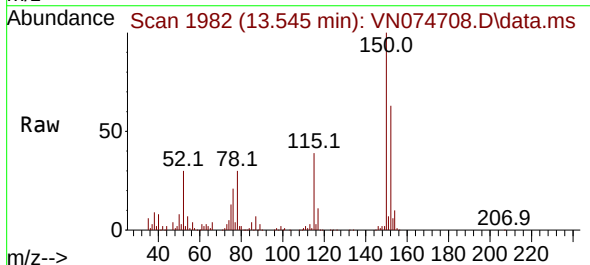
Tgt Ion:173 Resp: 23409
Ion Ratio Lower Upper
173 100
175 46.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

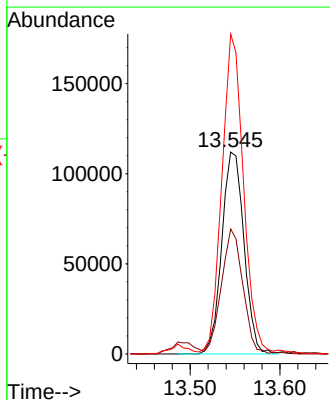
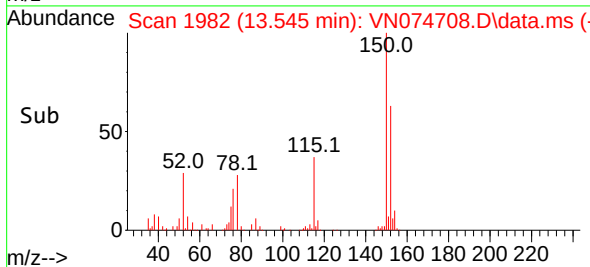
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

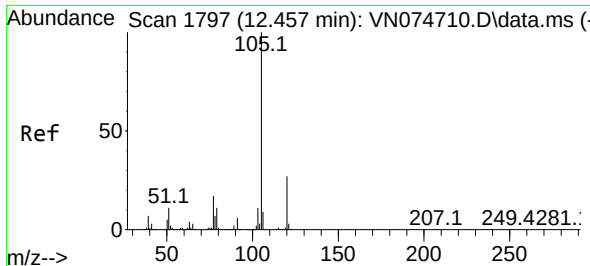


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



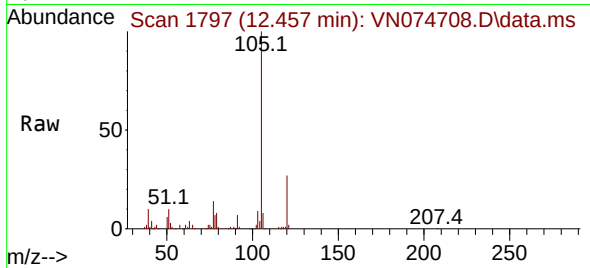
Tgt Ion:152 Resp: 192551
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 155.3 0.0 356.2





#73
Isopropylbenzene
Concen: 10.207 ug/l
RT: 12.457 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

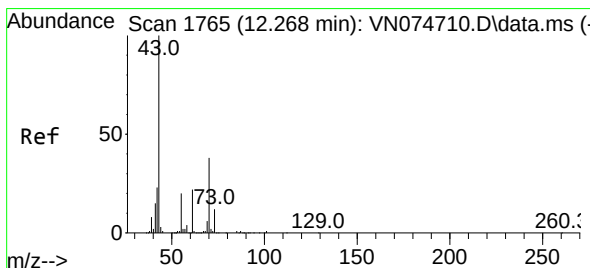
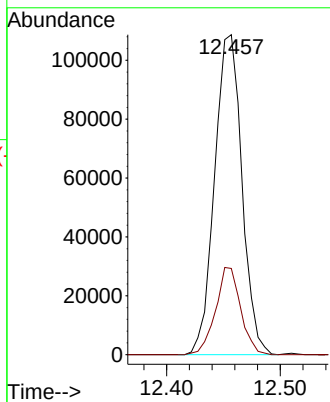
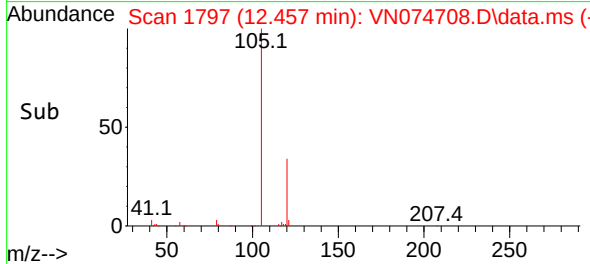
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



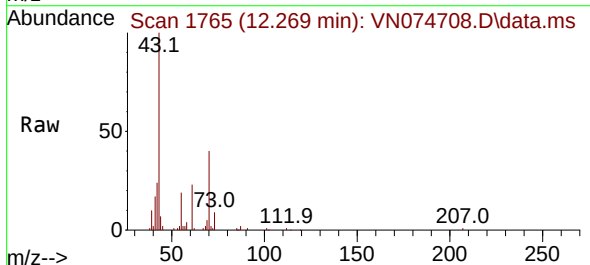
Tgt Ion:105 Resp: 18159
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.4

Manual Integrations
APPROVED

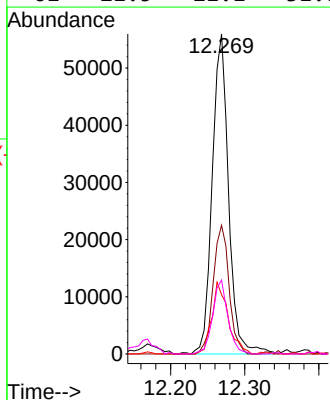
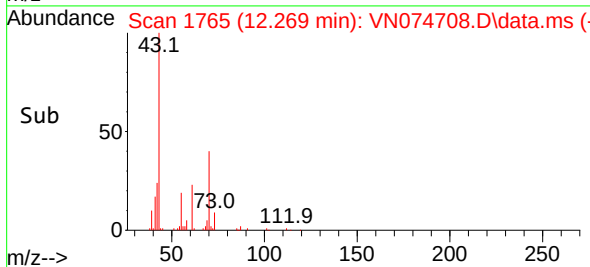
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

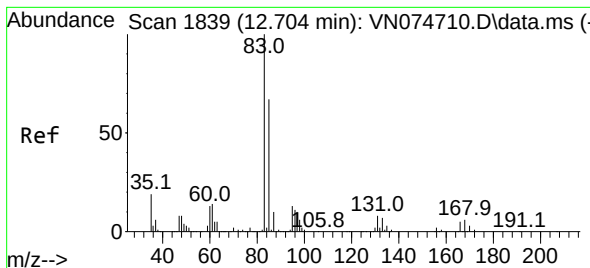


#74
N-ethyl acetate
Concen: 9.738 ug/l
RT: 12.269 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



Tgt Ion: 43 Resp: 85635
Ion Ratio Lower Upper
43 100
70 38.9 39.0 58.4#
55 22.5 21.1 31.7
61 21.5 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 10.334 ug/l

RT: 12.704 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

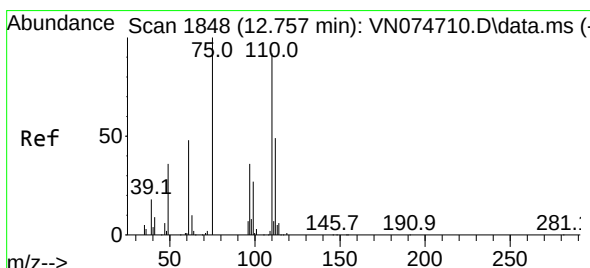
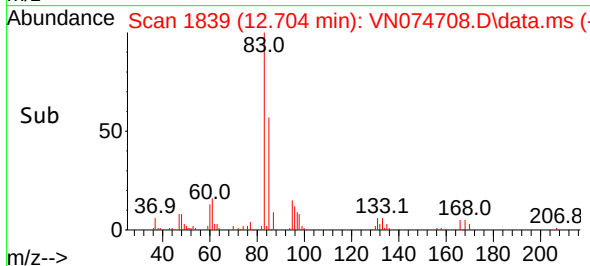
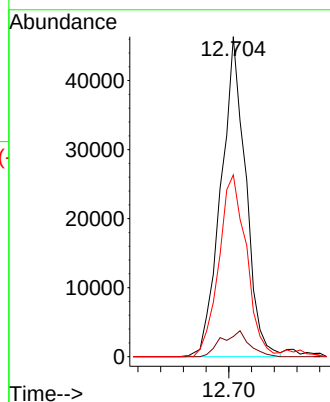
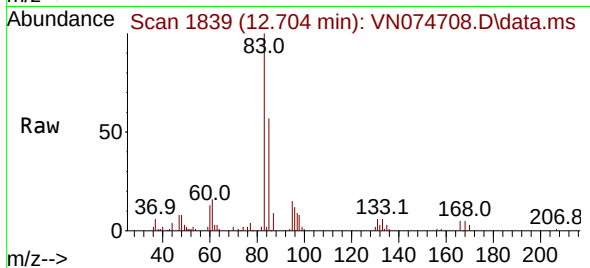
Tgt Ion:	83	Resp:	70118
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.3	15.9
85	63.4	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#76

1,2,3-Trichloropropane

Concen: 10.642 ug/l m

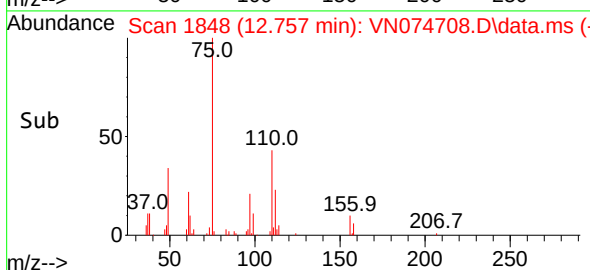
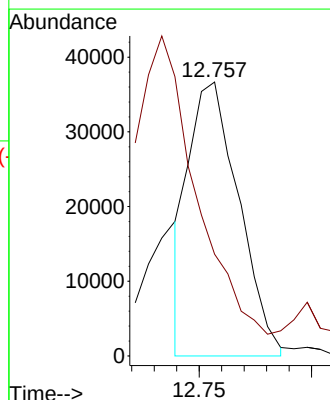
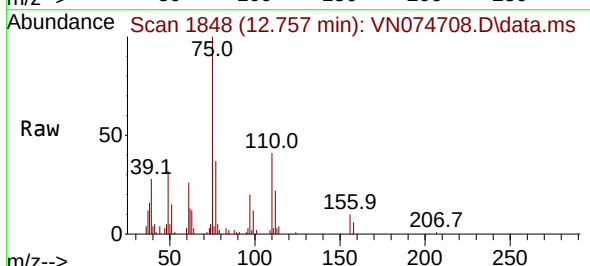
RT: 12.757 min Scan# 1848

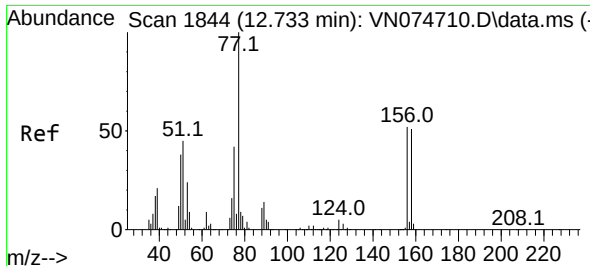
Delta R.T. 0.000 min

Lab File: VN074708.D

Acq: 03 Oct 2022 14:25

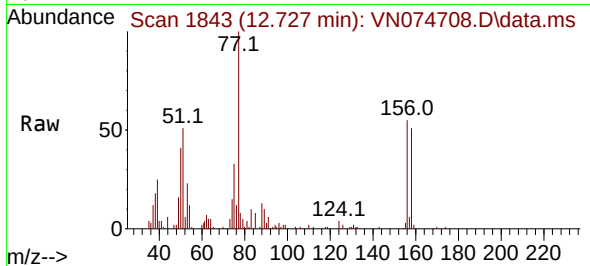
Tgt Ion:	75	Resp:	56674
Ion Ratio	Lower	Upper	
75	100		
77	0.0	98.5	295.5#





#77
Bromobenzene
Concen: 9.888 ug/l
RT: 12.727 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

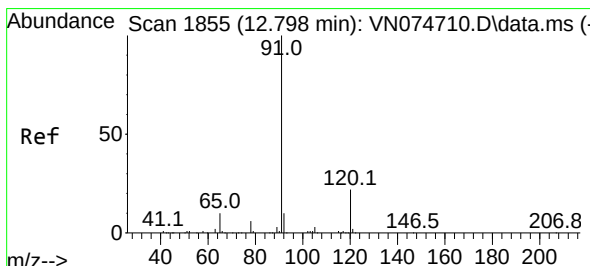
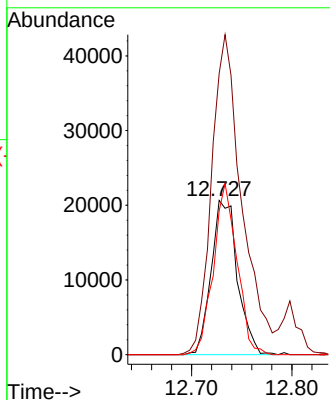
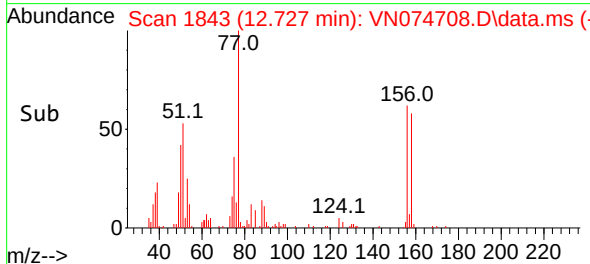
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:156 Resp: 37604
Ion Ratio Lower Upper
156 100
77 237.4 100.5 301.5
158 99.5 48.9 146.6

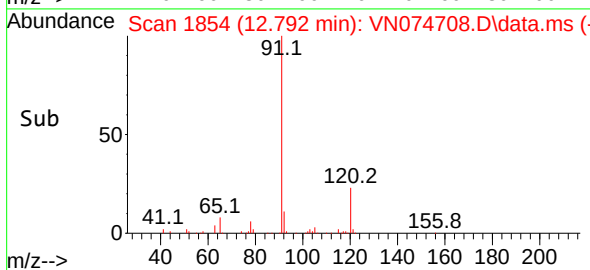
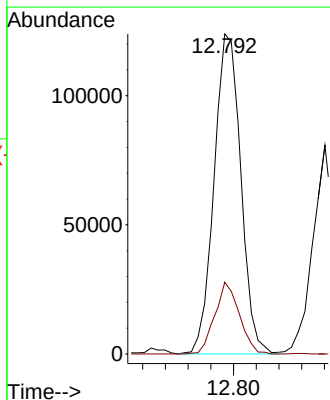
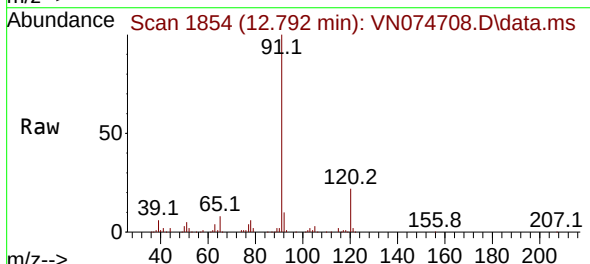
Manual Integrations
APPROVED

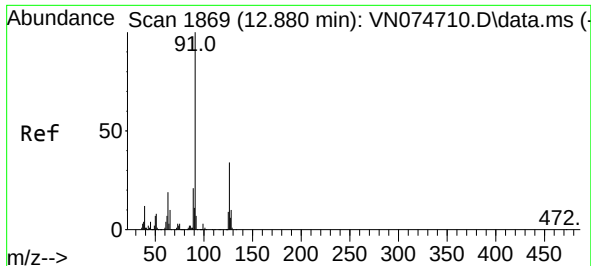
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 9.959 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion: 91 Resp: 202842
Ion Ratio Lower Upper
91 100
120 20.5 11.9 35.5





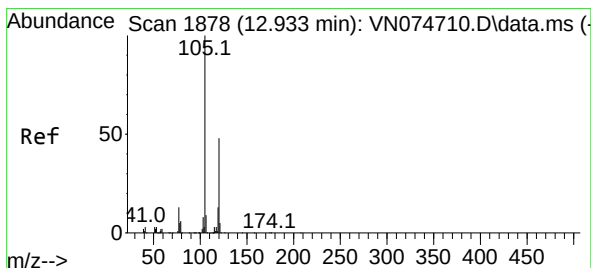
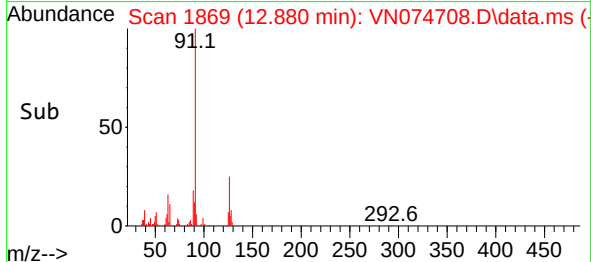
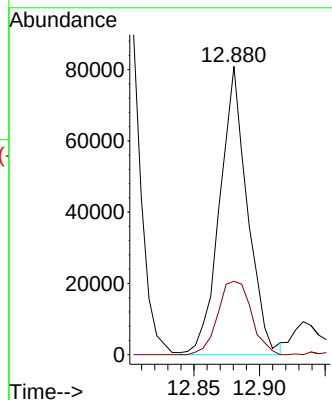
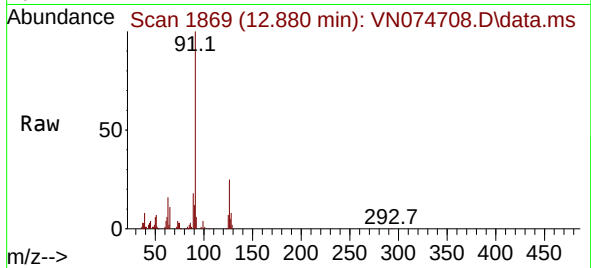
#79
2-Chlorotoluene
Concen: 9.916 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 11901
Ion Ratio Lower Upper
91 100
126 30.8 17.3 51.9

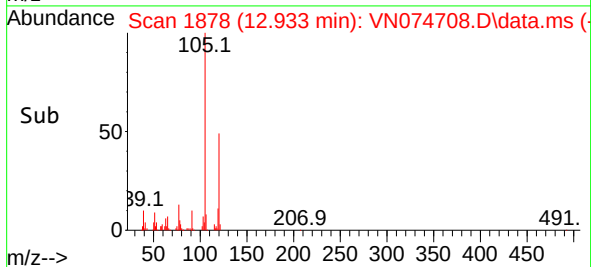
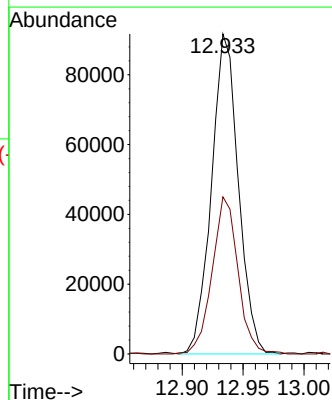
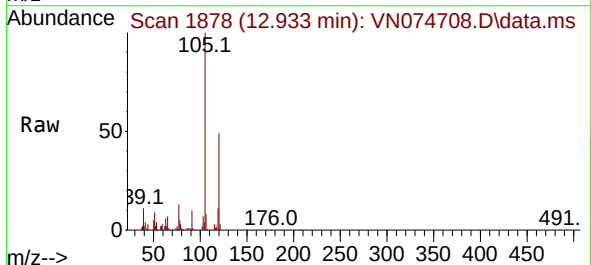
Manual Integrations
APPROVED

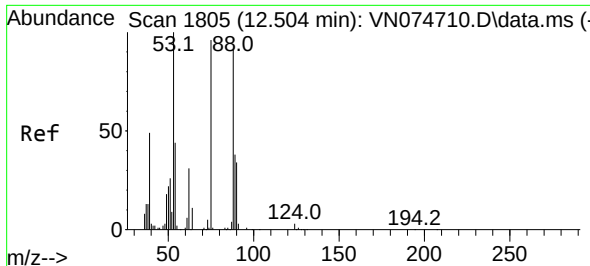
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.934 ug/l
RT: 12.933 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

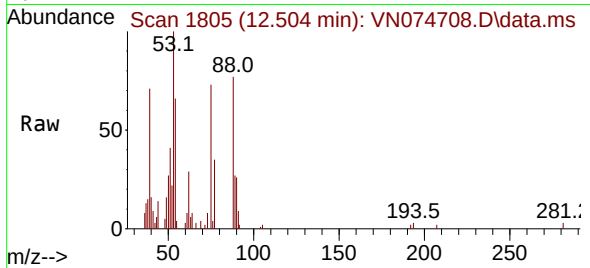
Tgt Ion:105 Resp: 141069
Ion Ratio Lower Upper
105 100
120 47.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 8.527 ug/l
RT: 12.504 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

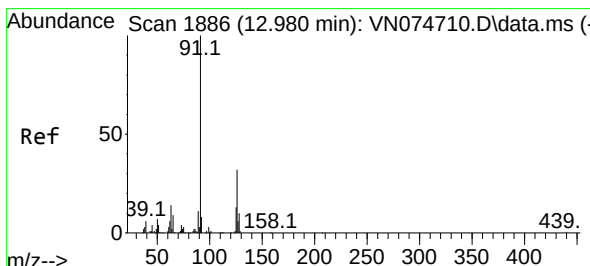
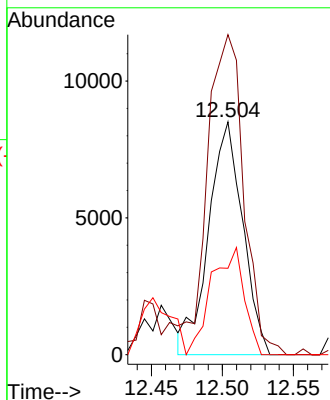
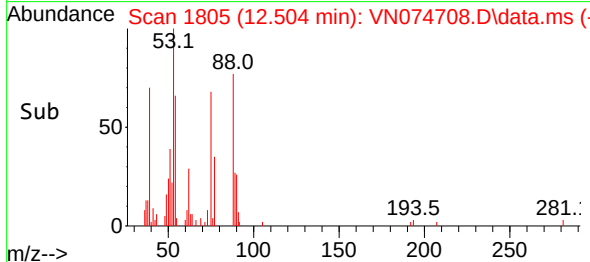
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



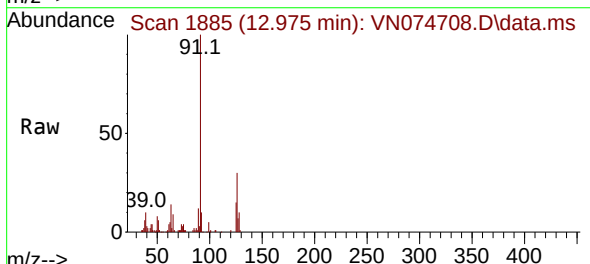
Tgt Ion: 75 Resp: 1421
Ion Ratio Lower Upper
75 100
53 146.5 78.0 117.0
89 44.1 37.2 55.8

Manual Integrations
APPROVED

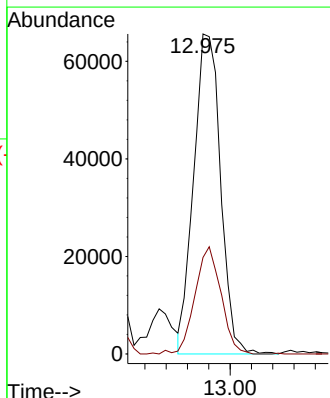
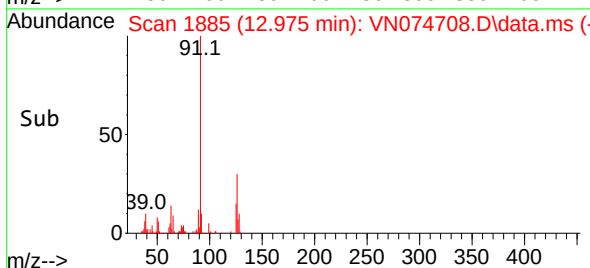
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

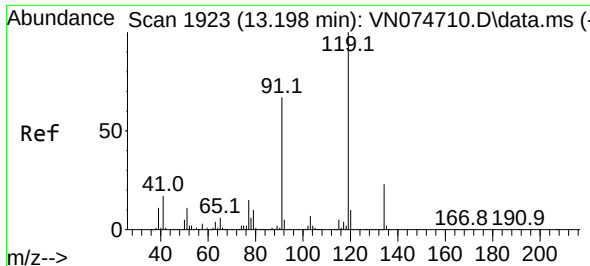


#82
4-Chlorotoluene
Concen: 9.897 ug/l
RT: 12.975 min Scan# 1885
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



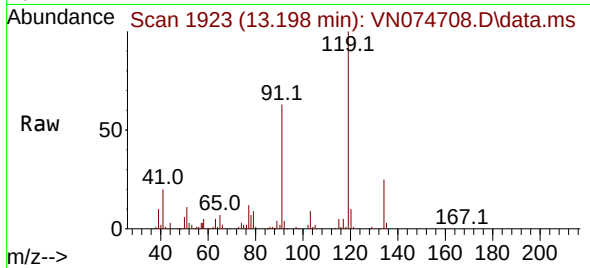
Tgt Ion: 91 Resp: 114888
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 10.019 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

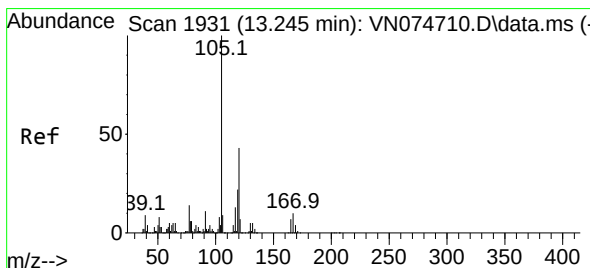
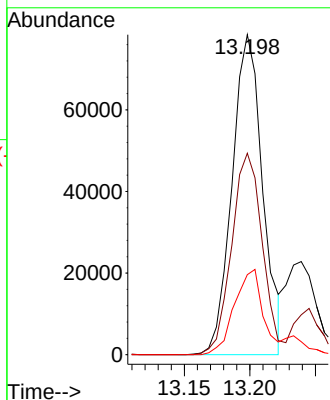
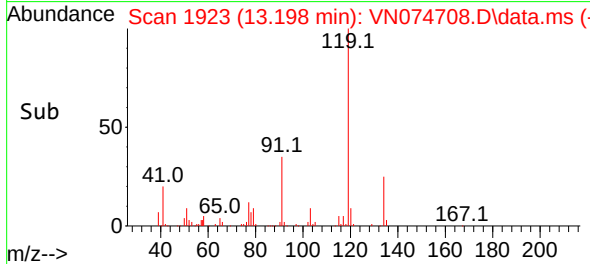
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



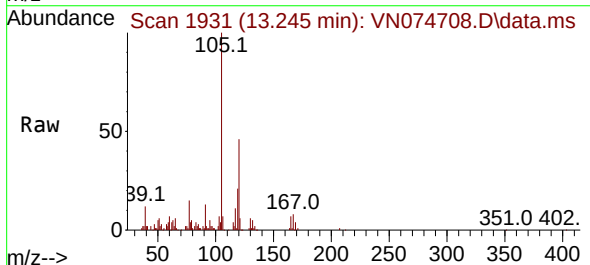
Tgt Ion:119 Resp: 127290
Ion Ratio Lower Upper
119 100
91 63.2 31.6 94.8
134 24.9 13.7 41.1

Manual Integrations
APPROVED

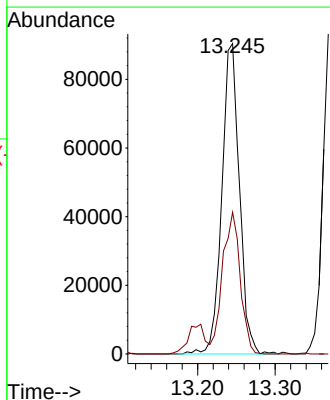
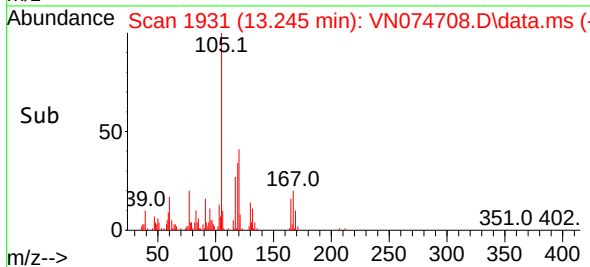
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

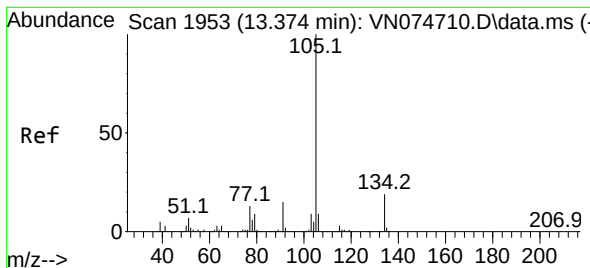


#84
1,2,4-Trimethylbenzene
Concen: 10.411 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



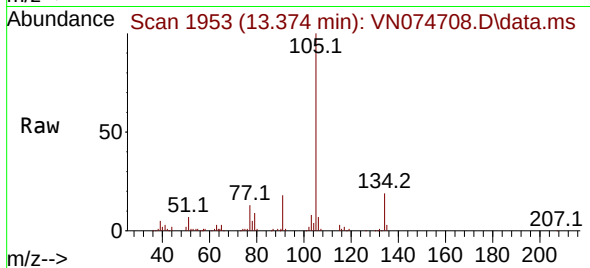
Tgt Ion:105 Resp: 142390
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 9.692 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN074708.D
 Acq: 03 Oct 2022 14:25

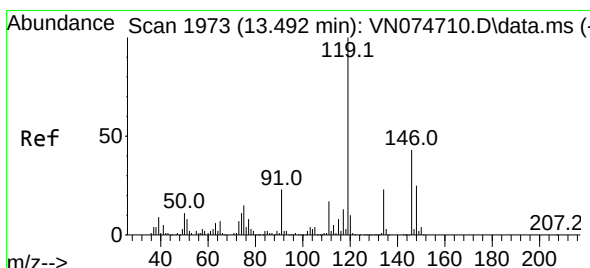
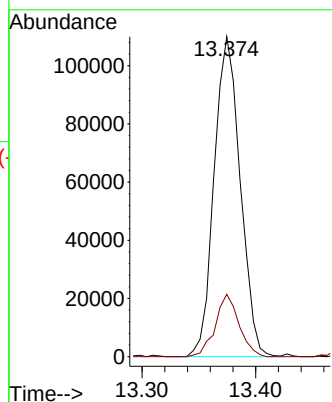
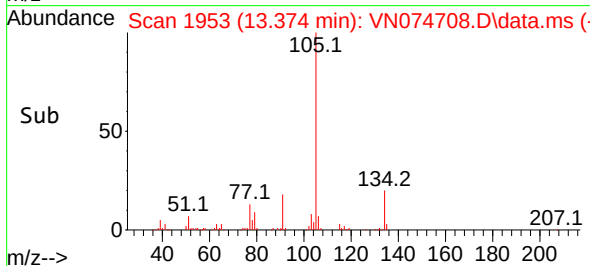
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



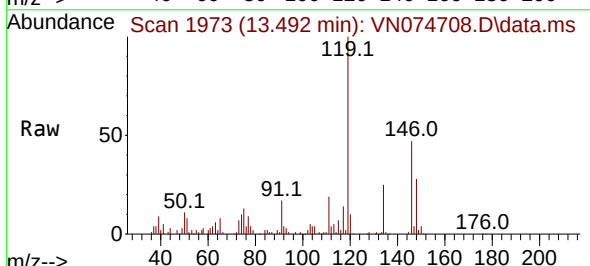
Tgt Ion:105 Resp: 17558
 Ion Ratio Lower Upper
 105 100
 134 17.7 10.4 31.1

Manual Integrations
 APPROVED

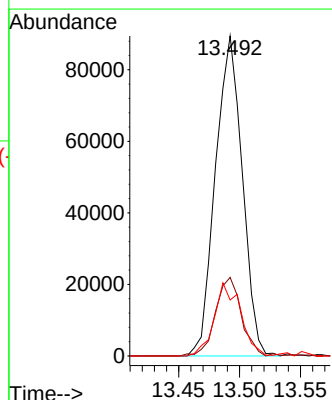
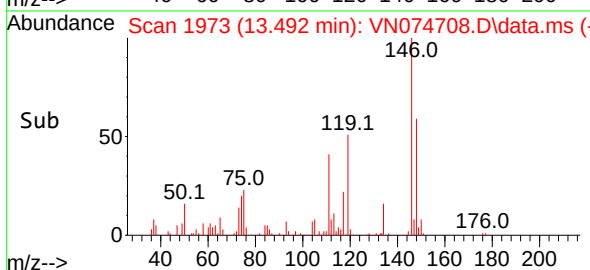
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

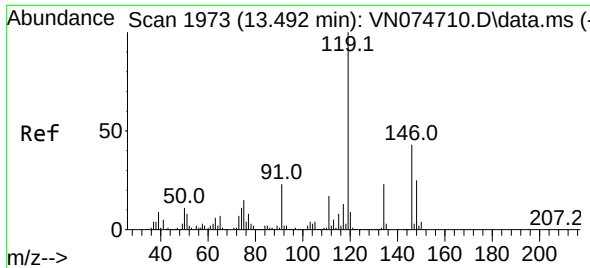


#86
 p-Isopropyltoluene
 Concen: 9.894 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VN074708.D
 Acq: 03 Oct 2022 14:25



Tgt Ion:119 Resp: 137396
 Ion Ratio Lower Upper
 119 100
 134 23.7 13.3 39.8
 91 22.5 11.3 33.9





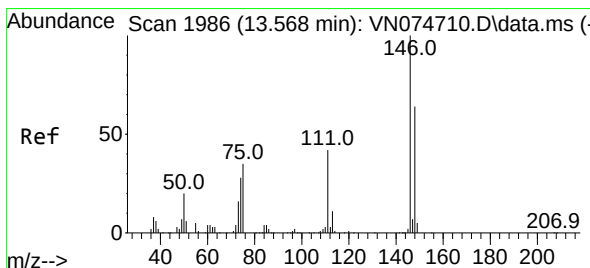
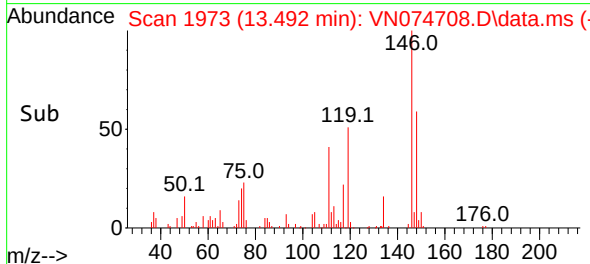
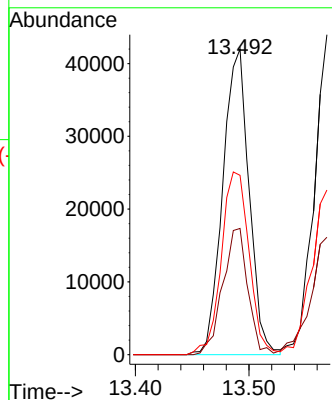
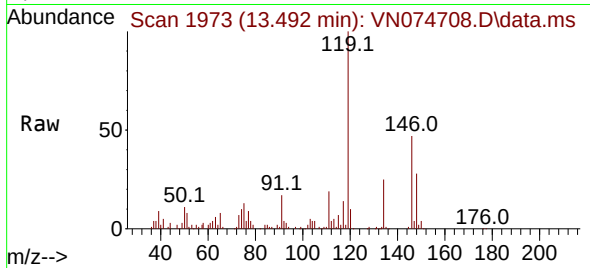
#87
1,3-Dichlorobenzene
Concen: 9.367 ug/l
RT: 13.492 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 67694
Ion Ratio Lower Upper
146 100
111 39.3 20.0 60.0
148 63.2 32.0 96.0

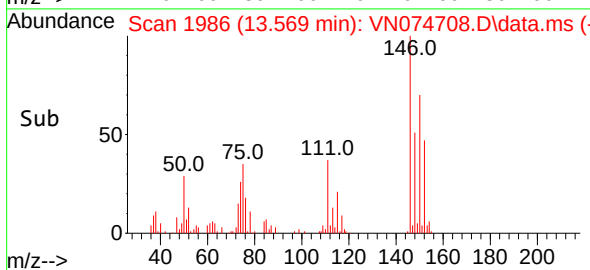
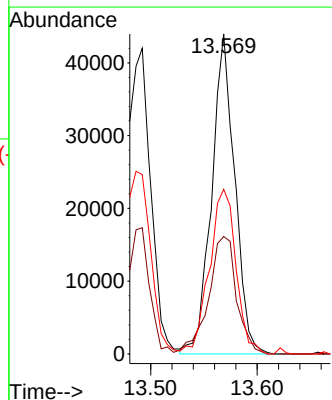
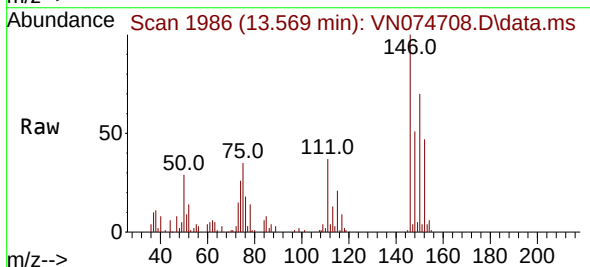
Manual Integrations
APPROVED

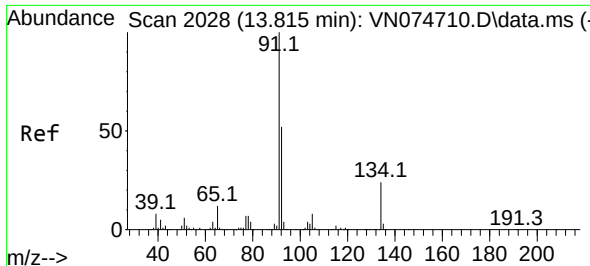
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#88
1,4-Dichlorobenzene
Concen: 9.348 ug/l
RT: 13.569 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion:146 Resp: 66194
Ion Ratio Lower Upper
146 100
111 44.8 19.1 57.1
148 59.4 31.4 94.3





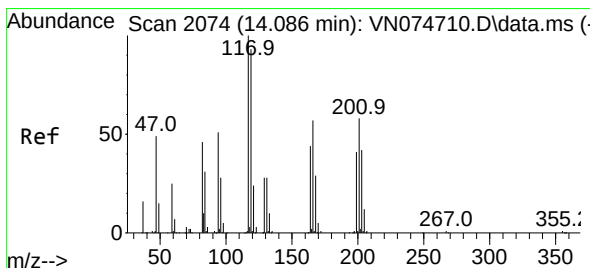
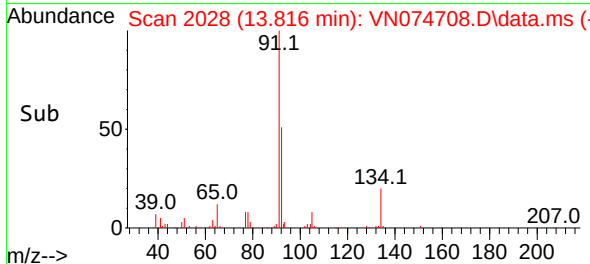
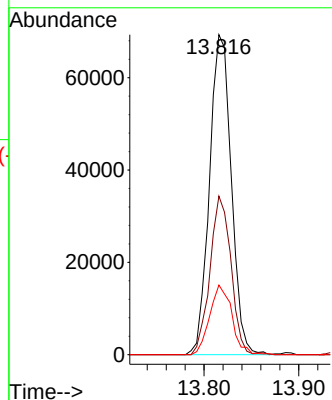
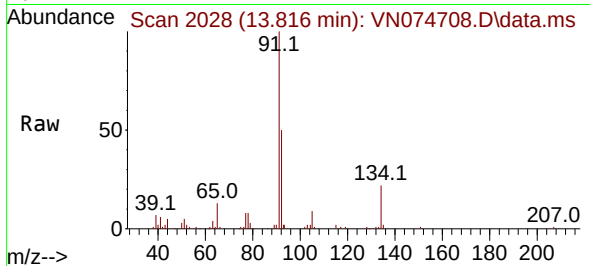
#89
n-Butylbenzene
Concen: 8.838 ug/l
RT: 13.816 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 11084
Ion Ratio Lower Upper
91 100
92 47.8 26.9 80.7
134 22.2 13.6 40.8

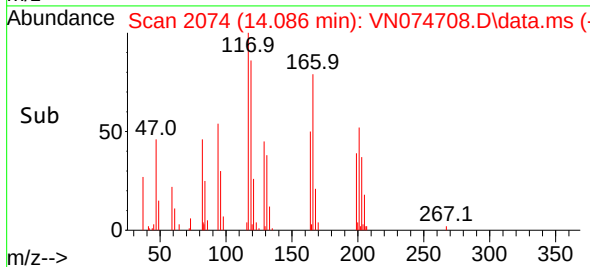
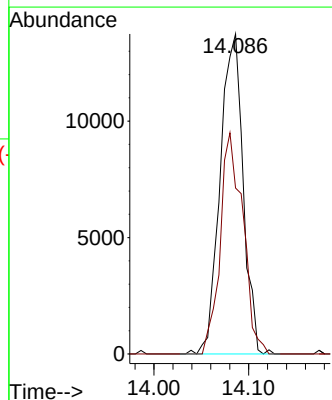
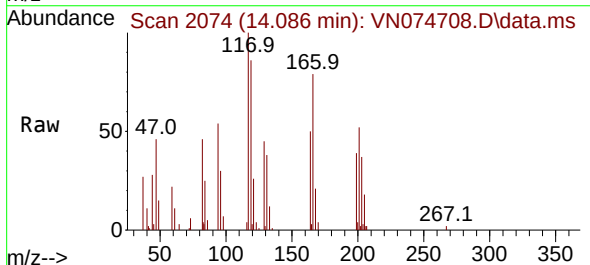
Manual Integrations
APPROVED

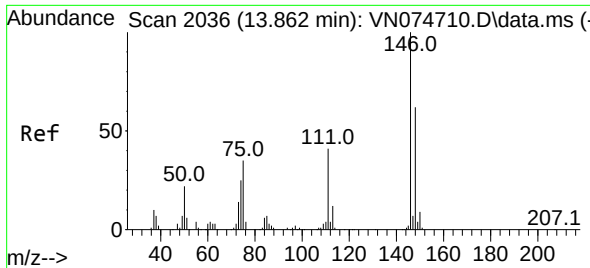
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 9.838 ug/l
RT: 14.086 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion:117 Resp: 23170
Ion Ratio Lower Upper
117 100
201 68.2 40.6 122.0





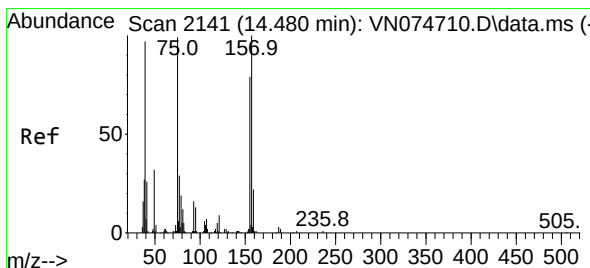
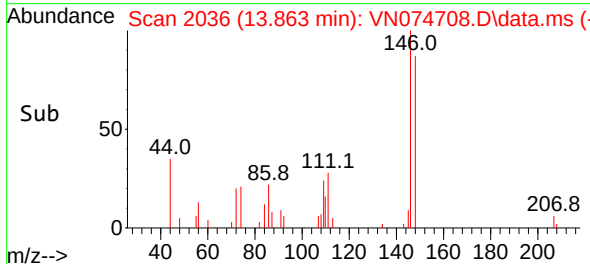
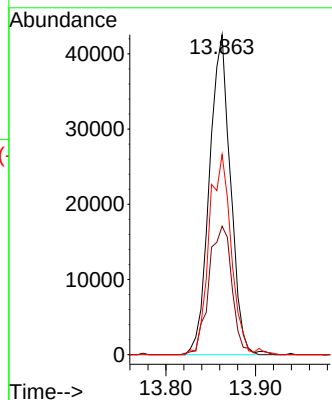
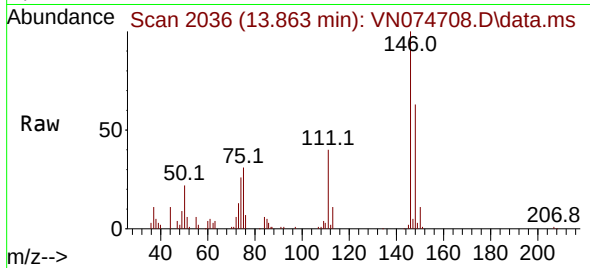
#91
1,2-Dichlorobenzene
Concen: 9.858 ug/l
RT: 13.863 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 6930
Ion Ratio Lower Upper
146 100
111 44.0 20.9 62.8
148 65.3 32.1 96.3

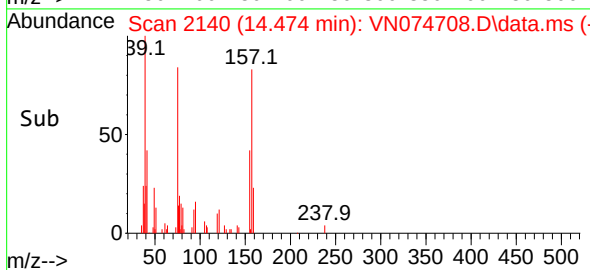
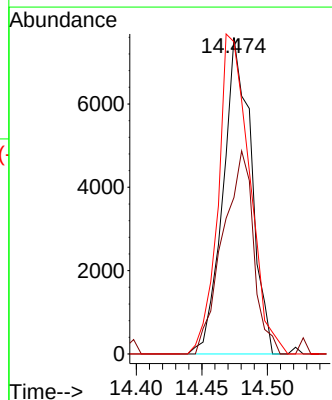
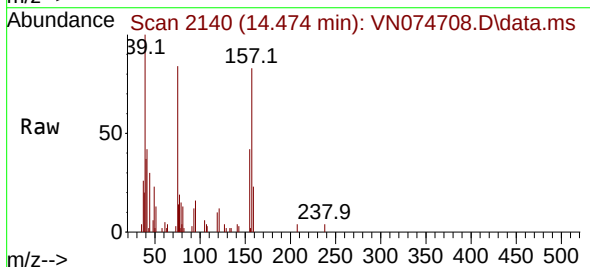
Manual Integrations
APPROVED

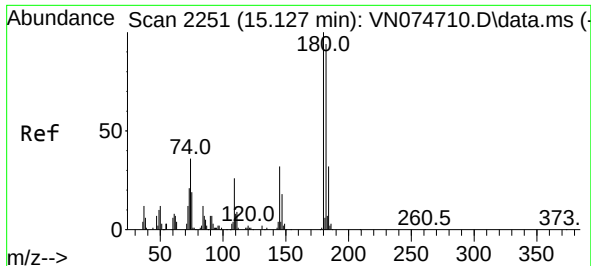
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.091 ug/l
RT: 14.474 min Scan# 2140
Delta R.T. -0.006 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

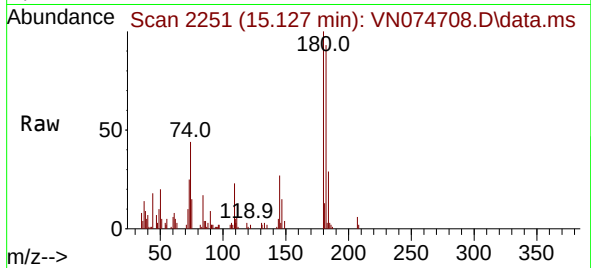
Tgt Ion: 75 Resp: 11356
Ion Ratio Lower Upper
75 100
155 70.2 44.9 134.5
157 112.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 10.229 ug/l
RT: 15.127 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

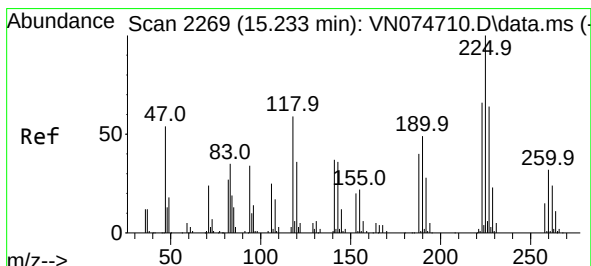
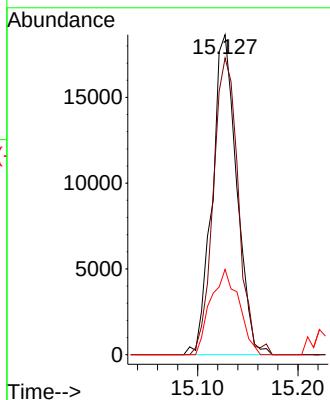
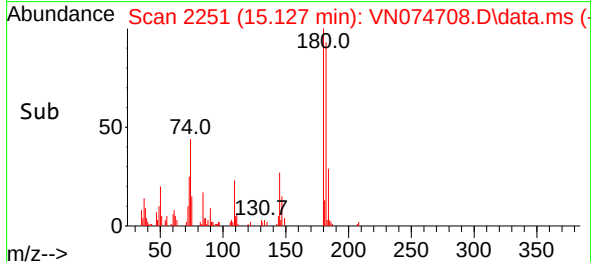
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



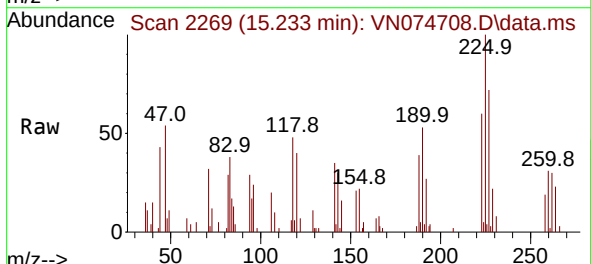
Tgt Ion:180 Resp: 31708
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 30.7 14.5 43.5

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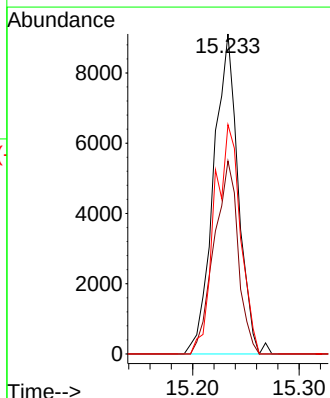
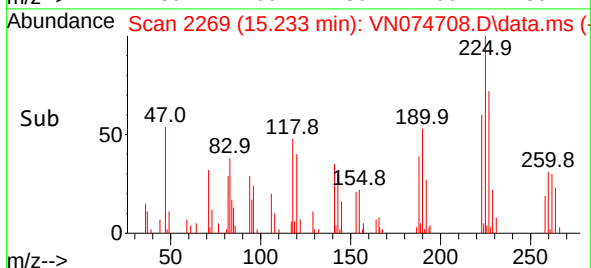
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

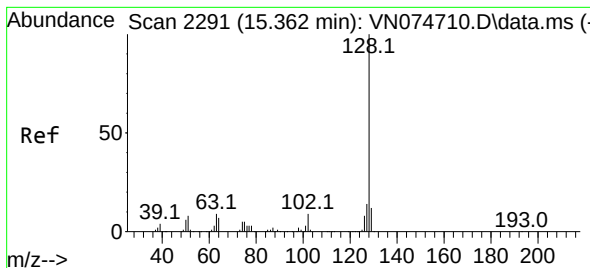


#94
Hexachlorobutadiene
Concen: 9.341 ug/l
RT: 15.233 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25



Tgt Ion:225 Resp: 14641
Ion Ratio Lower Upper
225 100
223 58.7 32.4 97.2
227 75.2 31.8 95.4





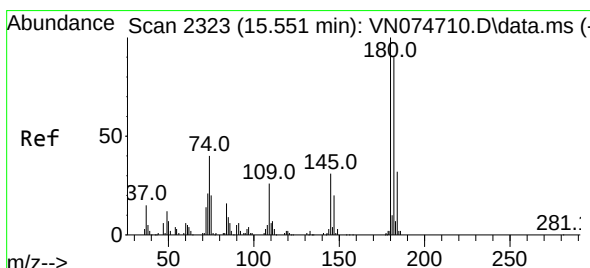
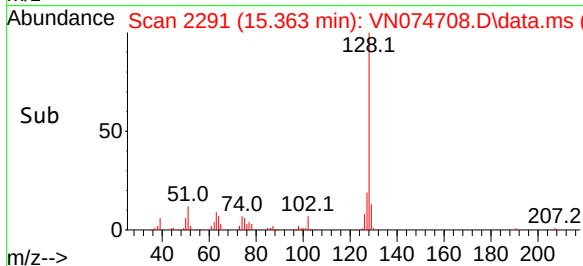
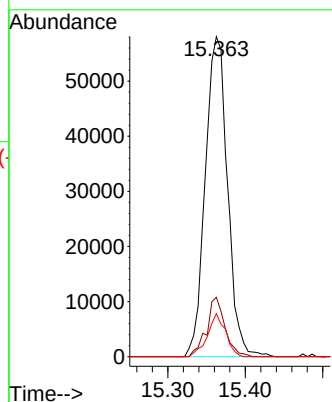
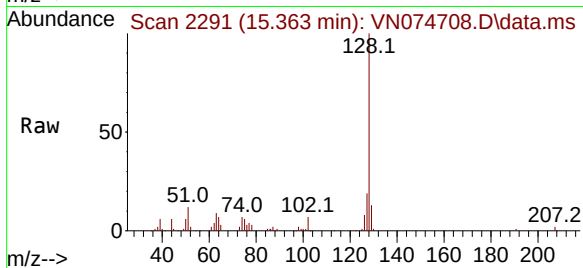
#95
Naphthalene
Concen: 9.853 ug/l
RT: 15.363 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 116059
Ion Ratio Lower Upper
128 100
127 15.4 10.3 15.5
129 10.9 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: 9.892 ug/l
RT: 15.551 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN074708.D
Acq: 03 Oct 2022 14:25

Tgt Ion:180 Resp: 32359
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.3
145 30.1 15.5 46.5

