

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074709.D
 Acq On : 03 Oct 2022 14:49
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 05:30:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:26:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.928	168	212701	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.827	114	375680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	411685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	232006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	97713	18.282	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	36.560%#		
35) Dibromofluoromethane	7.869	113	72659	17.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.980%#		
50) Toluene-d8	10.310	98	297758	17.937	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	35.880%#		
62) 4-Bromofluorobenzene	12.604	95	84613	17.452	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.900%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.004	85	89842	20.468	ug/l	100
3) Chloromethane	2.216	50	149292	19.678	ug/l	98
4) Vinyl Chloride	2.357	62	252388	19.828	ug/l	94
5) Bromomethane	2.746	94	180355	18.195	ug/l	88
6) Chloroethane	2.904	64	205686	20.793	ug/l	93
7) Trichlorofluoromethane	3.245	101	130220	18.999	ug/l	91
8) Diethyl Ether	3.687	74	58110	19.270	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.045	101	76414	19.816	ug/l	91
10) Methyl Iodide	4.251	142	96931	20.698	ug/l	93
11) Tert butyl alcohol	5.169	59	109967	94.420	ug/l	95
12) 1,1-Dichloroethene	4.028	96	72991	19.073	ug/l	89
13) Acrolein	3.887	56	43105	80.366	ug/l	95
14) Allyl chloride	4.663	41	148962	18.955	ug/l	90
15) Acrylonitrile	5.363	53	324124	97.607	ug/l	99
16) Acetone	4.128	43	272785	93.457	ug/l	97
17) Carbon Disulfide	4.357	76	216719	19.322	ug/l #	94
18) Methyl Acetate	4.663	43	186295	19.227	ug/l	90
19) Methyl tert-butyl Ether	5.410	73	290884	19.106	ug/l	99
20) Methylene Chloride	4.904	84	93464	17.584	ug/l #	90
21) trans-1,2-Dichloroethene	5.398	96	77664	18.729	ug/l	91
22) Diisopropyl ether	6.304	45	331781	19.158	ug/l #	93
23) Vinyl Acetate	6.245	43	1317661	100.226	ug/l	97
24) 1,1-Dichloroethane	6.198	63	169390	19.728	ug/l	97
25) 2-Butanone	7.163	43	483778	95.579	ug/l #	86
26) 2,2-Dichloropropane	7.151	77	118077	18.152	ug/l	98
27) cis-1,2-Dichloroethene	7.157	96	96477	18.621	ug/l	91
28) Bromochloromethane	7.486	49	86290	20.967	ug/l #	71
29) Tetrahydrofuran	7.516	42	326507	97.906	ug/l #	86
30) Chloroform	7.657	83	164755	19.624	ug/l	98
31) Cyclohexane	7.933	56	159224	19.279	ug/l	88
32) 1,1,1-Trichloroethane	7.851	97	136283	18.869	ug/l	96
36) 1,1-Dichloropropene	8.069	75	123339	18.752	ug/l	93
37) Ethyl Acetate	7.245	43	175711	18.862	ug/l #	94
38) Carbon Tetrachloride	8.045	117	106657	18.337	ug/l	99
39) Methylcyclohexane	9.322	83	154848	19.435	ug/l	96
40) Benzene	8.310	78	399531	19.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	90555	20.705	ug/l #	62
42) 1,2-Dichloroethane	8.380	62	127656	18.599	ug/l	99
43) Isopropyl Acetate	8.416	43	274206	19.537	ug/l #	90
44) Trichloroethene	9.075	130	80841	18.259	ug/l	99
45) 1,2-Dichloropropane	9.351	63	100141	18.825	ug/l	94
46) Dibromomethane	9.433	93	66494	17.939	ug/l #	86
47) Bromodichloromethane	9.627	83	126079	18.688	ug/l #	99
48) Methyl methacrylate	9.422	41	125627	19.537	ug/l	88
49) 1,4-Dioxane	9.427	88	45429	382.005	ug/l #	88
51) 4-Methyl-2-Pentanone	10.204	43	982954	97.209	ug/l	89
52) Toluene	10.374	92	228934	18.764	ug/l	94
53) t-1,3-Dichloropropene	10.592	75	127362	19.155	ug/l	91
54) cis-1,3-Dichloropropene	10.057	75	147625	19.849	ug/l #	90
55) 1,1,2-Trichloroethane	10.774	97	94299	19.213	ug/l	96
56) Ethyl methacrylate	10.639	69	148034	19.161	ug/l #	77
57) 1,3-Dichloropropane	10.921	76	170442	19.329	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.910	63	303353	101.817	ug/l #	88
59) 2-Hexanone	10.963	43	722560	95.369	ug/l	88
60) Dibromochloromethane	11.110	129	85309	19.002	ug/l	99
61) 1,2-Dibromoethane	11.216	107	92643	19.091	ug/l	94
64) Tetrachloroethene	10.845	164	68017	20.251	ug/l	95
65) Chlorobenzene	11.645	112	230839	18.467	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.716	131	76841	18.632	ug/l	95
67) Ethyl Benzene	11.721	91	440588	18.913	ug/l	96
68) m/p-Xylenes	11.827	106	333410	38.404	ug/l	98
69) o-Xylene	12.157	106	163904	18.811	ug/l	97
70) Styrene	12.168	104	267735	19.250	ug/l	99
71) Bromoform	12.327	173	56132	18.496	ug/l #	94
73) Isopropylbenzene	12.457	105	430262	20.072	ug/l	96
74) N-amyl acetate	12.268	43	206013	19.442	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.704	83	161943	19.808	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	126343m	19.689	ug/l	
77) Bromobenzene	12.733	156	84647	18.472	ug/l	75
78) n-propylbenzene	12.798	91	497813	20.284	ug/l	94
79) 2-Chlorotoluene	12.880	91	280605	19.404	ug/l	99
80) 1,3,5-Trimethylbenzene	12.939	105	342177	19.997	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.504	75	37170	18.509	ug/l #	85
82) 4-Chlorotoluene	12.980	91	272471	19.481	ug/l	97
83) tert-Butylbenzene	13.198	119	297443	19.429	ug/l	95
84) 1,2,4-Trimethylbenzene	13.239	105	337332	20.469	ug/l	99
85) sec-Butylbenzene	13.374	105	431894	19.787	ug/l	96
86) p-Isopropyltoluene	13.492	119	339168	20.270	ug/l	99
87) 1,3-Dichlorobenzene	13.486	146	165286	18.981	ug/l	99
88) 1,4-Dichlorobenzene	13.568	146	160781	18.845	ug/l	97
89) n-Butylbenzene	13.815	91	297381	19.679	ug/l	93
90) Hexachloroethane	14.080	117	53786	18.955	ug/l	81
91) 1,2-Dichlorobenzene	13.862	146	164632	19.436	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.474	75	30833	20.487	ug/l	84
93) 1,2,4-Trichlorobenzene	15.127	180	75510	20.217	ug/l	98
94) Hexachlorobutadiene	15.233	225	38316	20.288	ug/l	91
95) Naphthalene	15.362	128	306353	21.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	76914	19.514	ug/l	99

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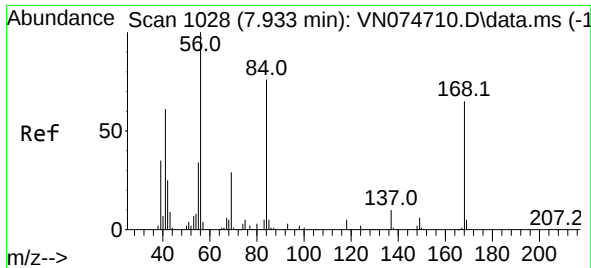
Manual Integrations
APPROVED

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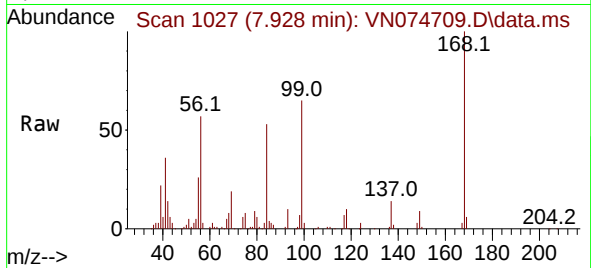
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.928 min Scan# 10
Delta R.T. -0.005 min
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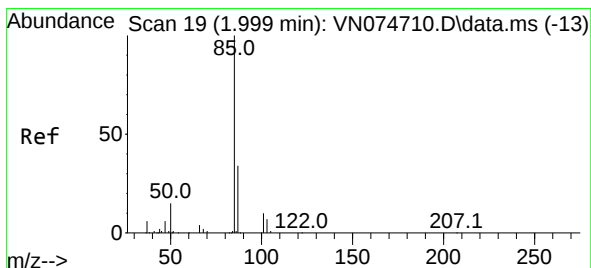
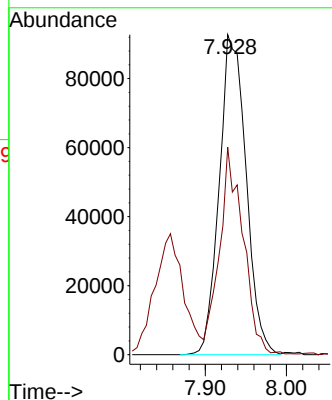
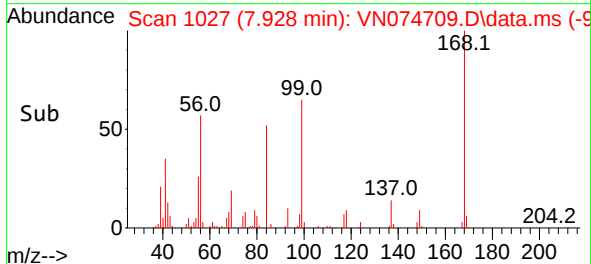
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 21270
Ion Ratio Lower Upper
168 100
99 64.0 42.3 63.5

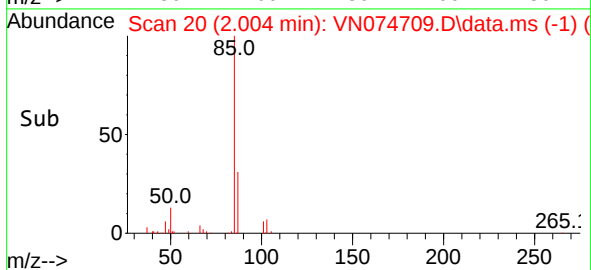
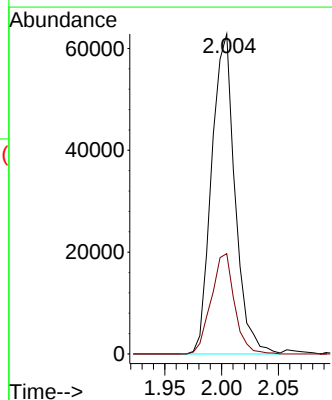
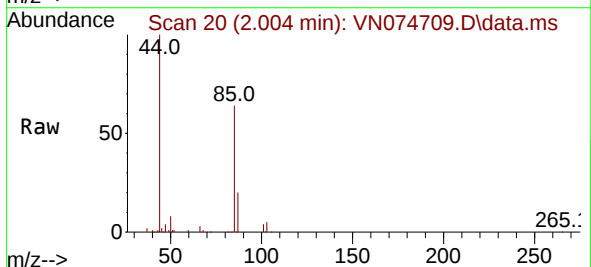
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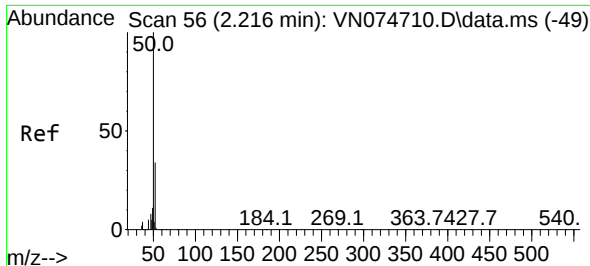
Reviewed By :John Carlone 10/04/2022
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#2
Dichlorodifluoromethane
Concen: 20.468 ug/l
RT: 2.004 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

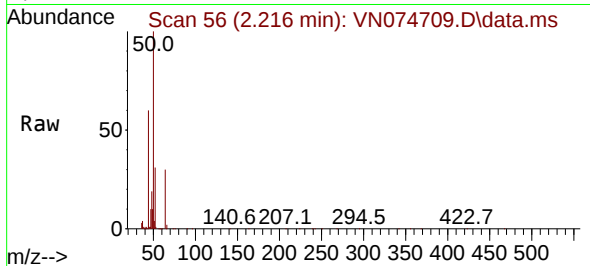
Tgt Ion: 85 Resp: 89842
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.1





#3
Chloromethane
Concen: 19.678 ug/l
RT: 2.216 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

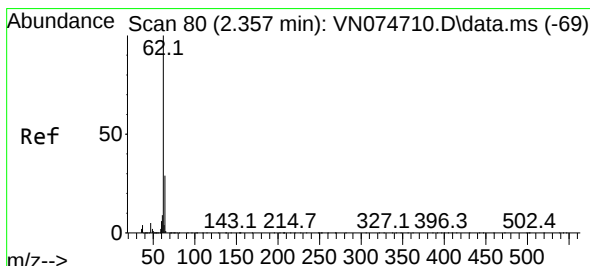
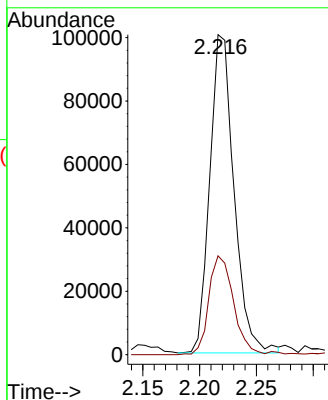
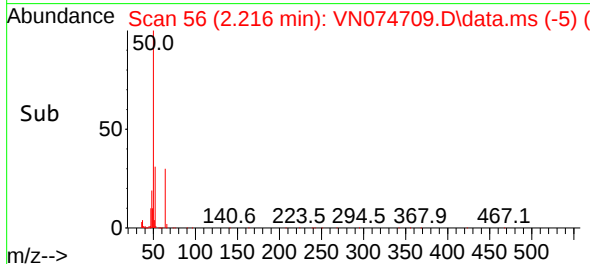
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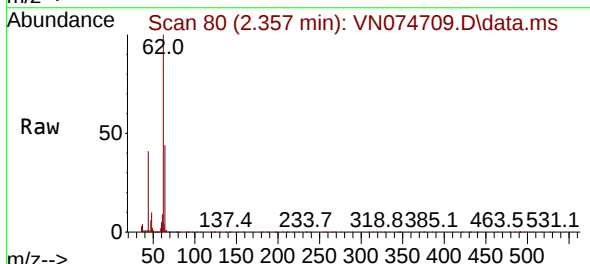
Tgt Ion: 50 Resp: 149292
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

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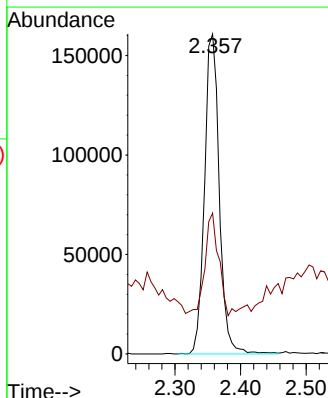
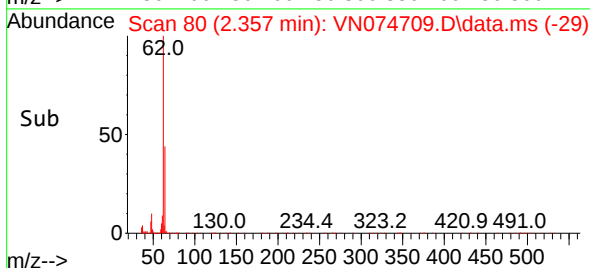
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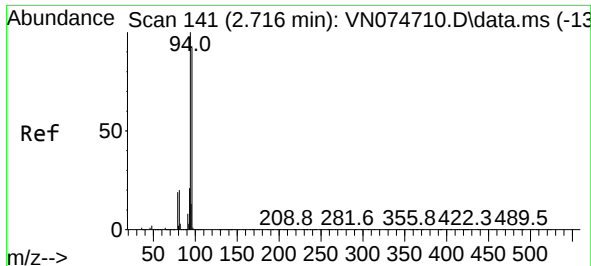


#4
Vinyl Chloride
Concen: 19.828 ug/l
RT: 2.357 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



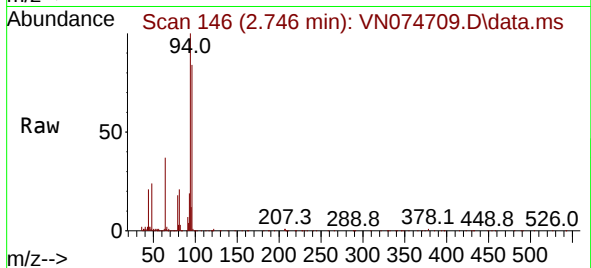
Tgt Ion: 62 Resp: 252388
Ion Ratio Lower Upper
62 100
64 27.7 25.0 37.4





#5
Bromomethane
Concen: 18.195 ug/l
RT: 2.746 min Scan# 141
Delta R.T. 0.029 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

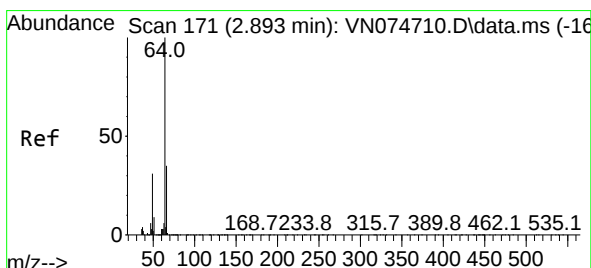
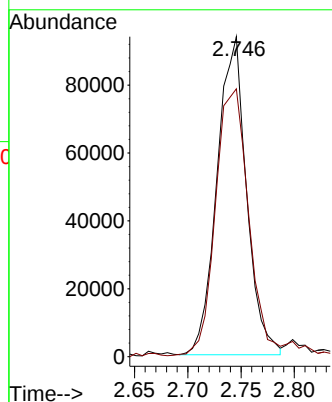
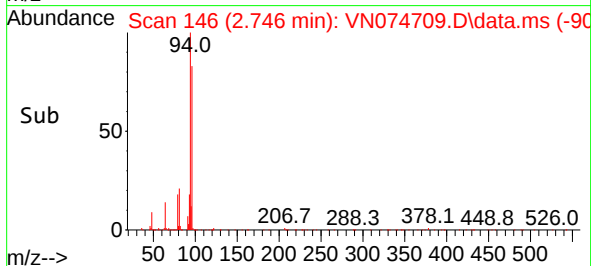
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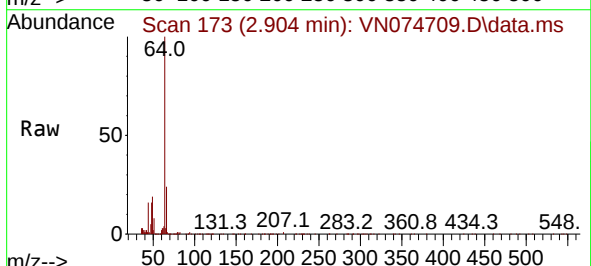
Tgt Ion: 94 Resp: 18035
Ion Ratio Lower Upper
94 100
96 83.5 76.0 114.0

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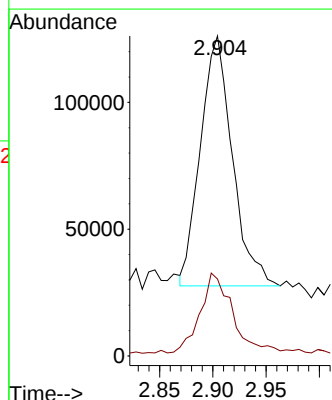
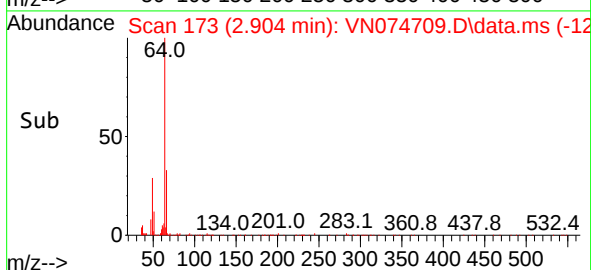
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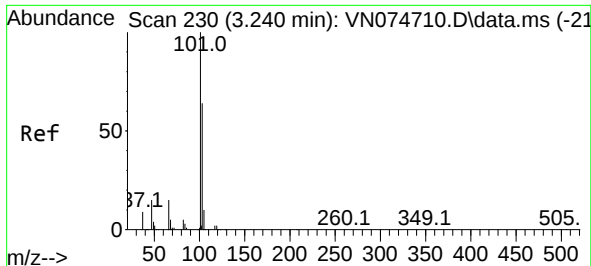


#6
Chloroethane
Concen: 20.793 ug/l
RT: 2.904 min Scan# 173
Delta R.T. 0.012 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



Tgt Ion: 64 Resp: 205686
Ion Ratio Lower Upper
64 100
66 28.7 26.2 39.4





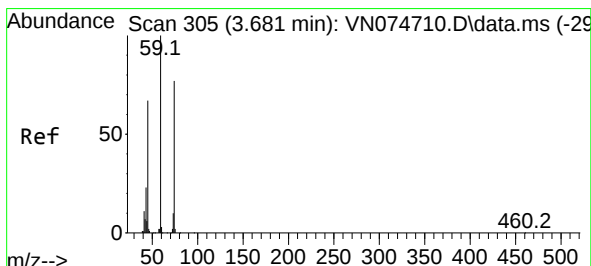
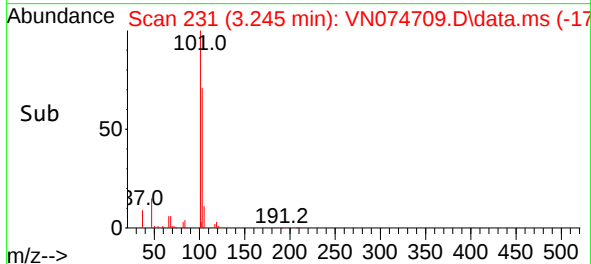
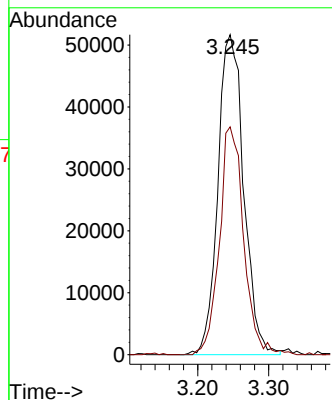
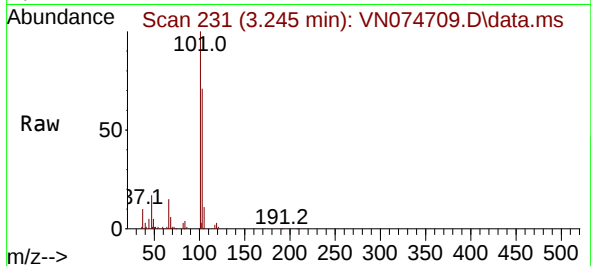
#7
Trichlorofluoromethane
Concen: 18.999 ug/l
RT: 3.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
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VSTDIC020

Tgt Ion:101 Resp: 130220
Ion Ratio Lower Upper
101 100
103 71.2 51.5 77.3

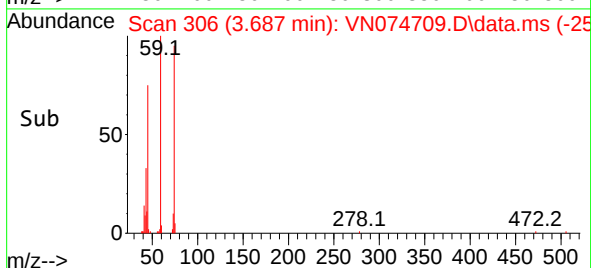
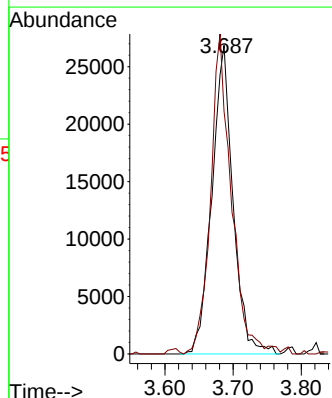
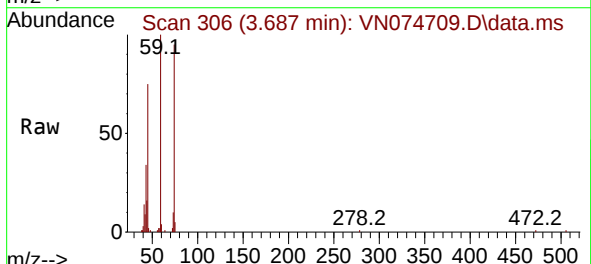
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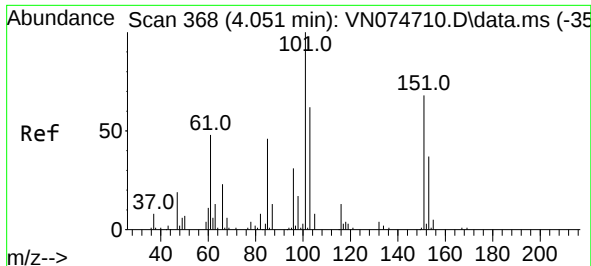
Reviewed By :John Carlone 10/04/2022
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#8
Diethyl Ether
Concen: 19.270 ug/l
RT: 3.687 min Scan# 306
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion: 74 Resp: 58110
Ion Ratio Lower Upper
74 100
45 101.7 42.9 128.5





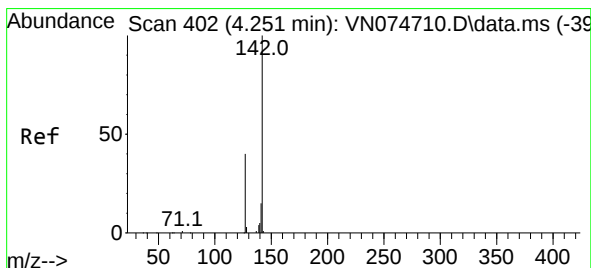
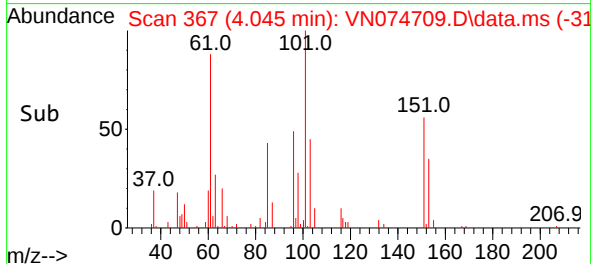
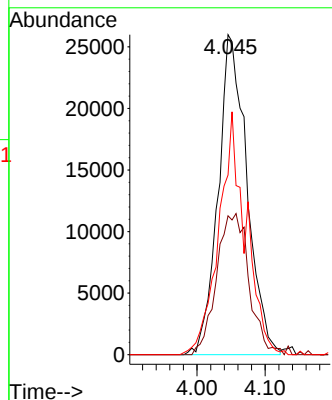
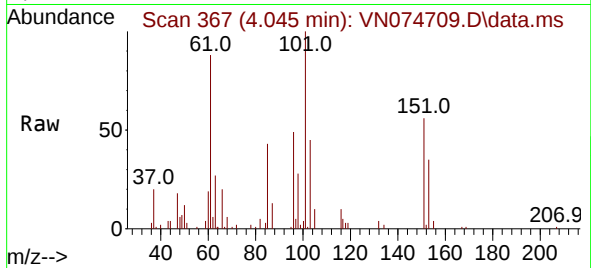
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.816 ug/l
RT: 4.045 min Scan# 368
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 76414
Ion Ratio Lower Upper
101 100
85 49.7 34.7 52.1
151 71.0 63.0 94.4

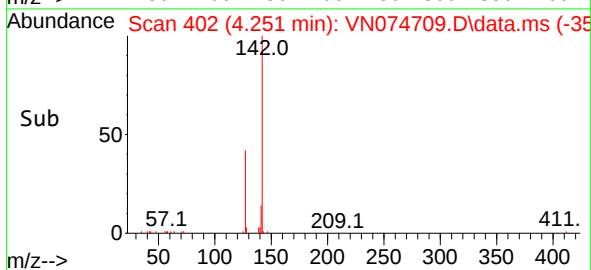
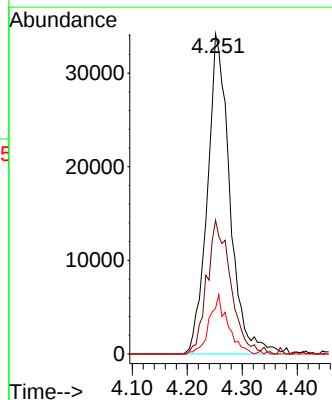
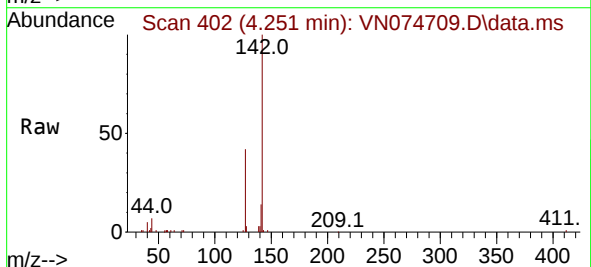
Manual Integrations
APPROVED

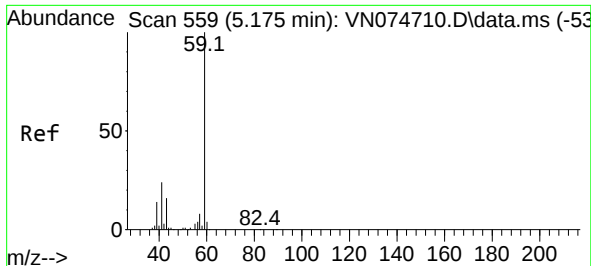
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 20.698 ug/l
RT: 4.251 min Scan# 402
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion:142 Resp: 96931
Ion Ratio Lower Upper
142 100
127 44.2 31.3 46.9
141 15.3 11.2 16.8





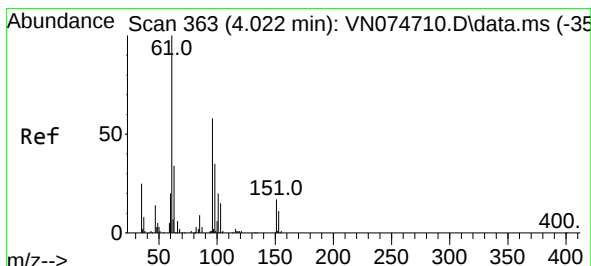
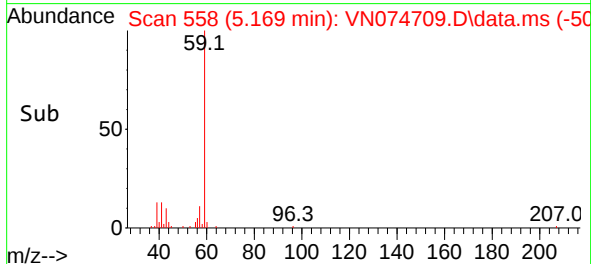
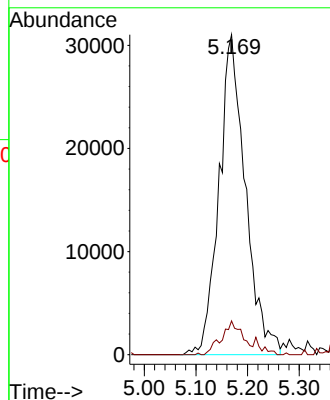
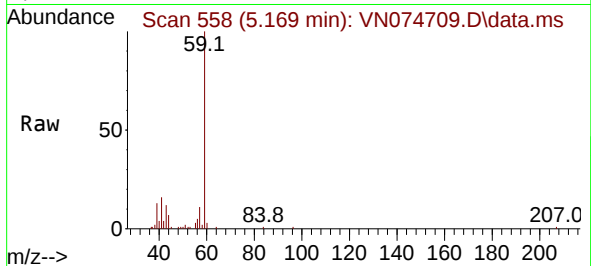
#11
Tert butyl alcohol
Concen: 94.420 ug/l
RT: 5.169 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 10996
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5

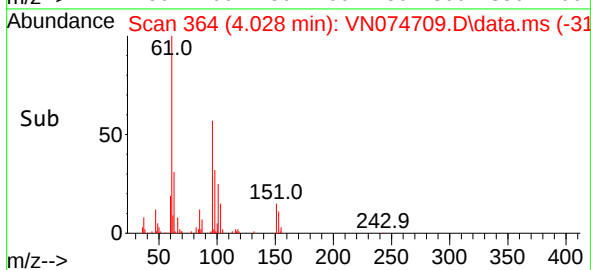
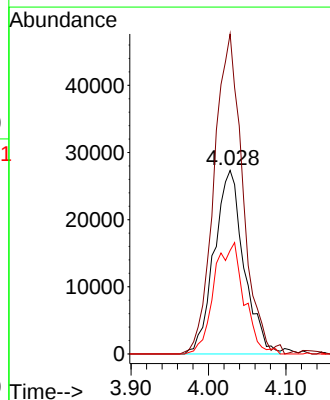
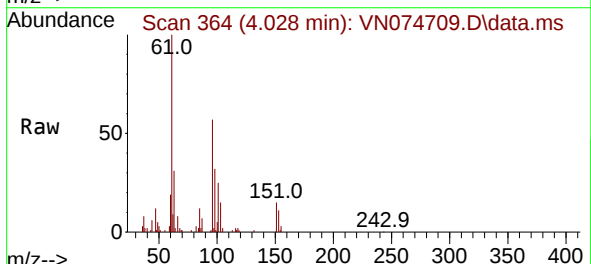
Manual Integrations
APPROVED

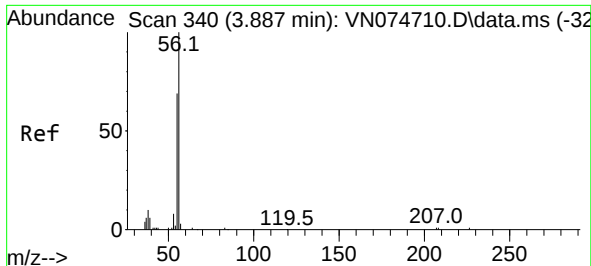
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#12
1,1-Dichloroethene
Concen: 19.073 ug/l
RT: 4.028 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

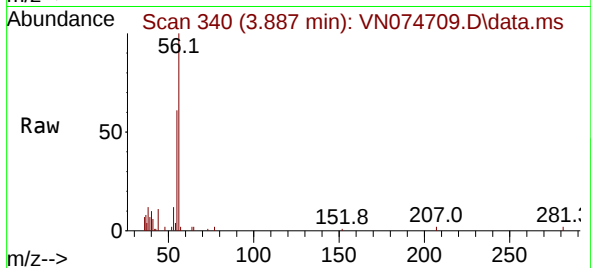
Tgt Ion: 96 Resp: 72991
Ion Ratio Lower Upper
96 100
61 174.3 127.6 191.4
98 56.4 51.2 76.8





#13
Acrolein
Concen: 80.366 ug/l
RT: 3.887 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

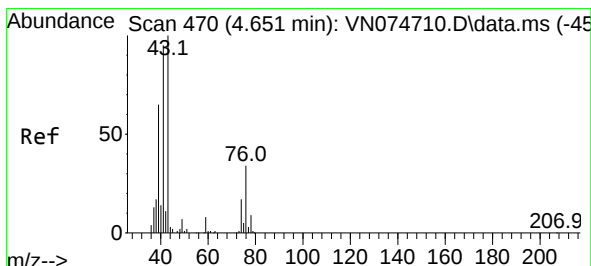
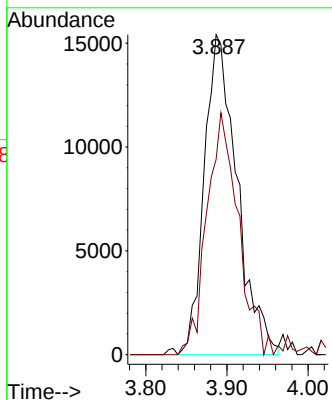
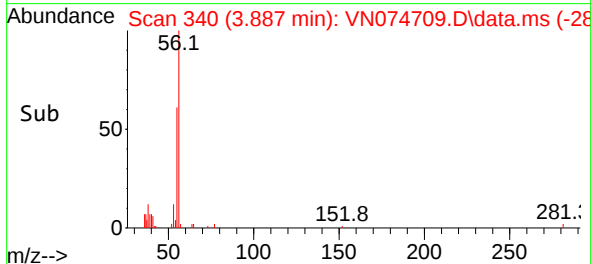
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



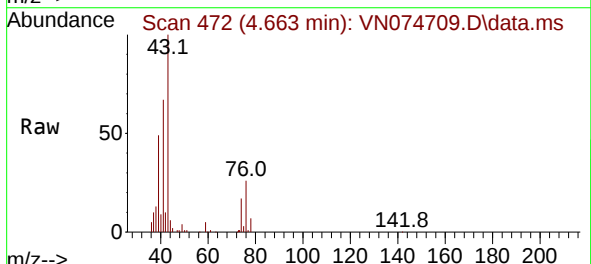
Tgt Ion: 56 Resp: 4310
Ion Ratio Lower Upper
56 100
55 72.9 54.8 82.2

Manual Integrations
APPROVED

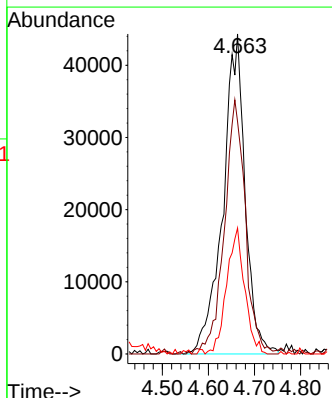
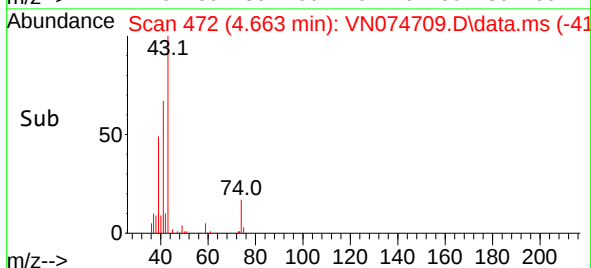
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

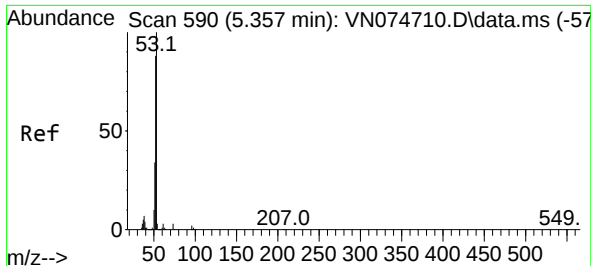


#14
Allyl chloride
Concen: 18.955 ug/l
RT: 4.663 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



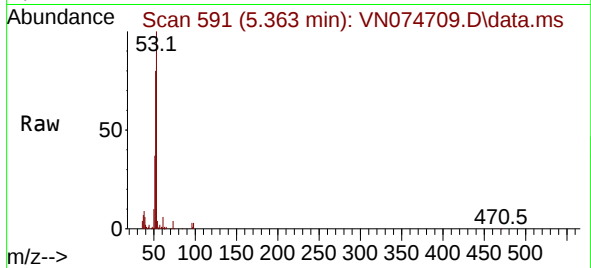
Tgt Ion: 41 Resp: 148962
Ion Ratio Lower Upper
41 100
39 74.4 53.2 79.8
76 31.9 29.9 44.9





#15
Acrylonitrile
Concen: 97.607 ug/l
RT: 5.363 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

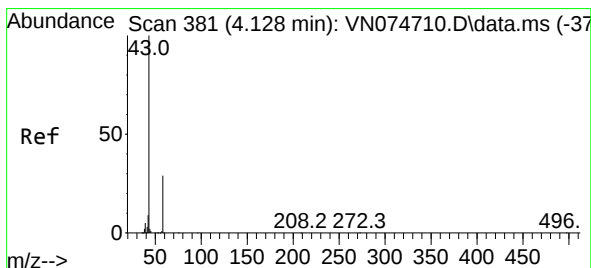
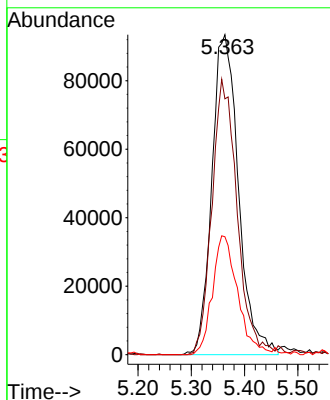
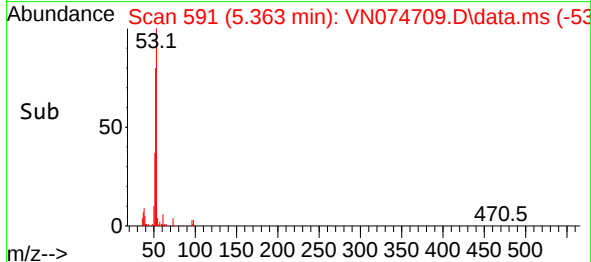
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 324124
Ion Ratio Lower Upper
53 100
52 81.4 66.4 99.6
51 35.2 28.5 42.7

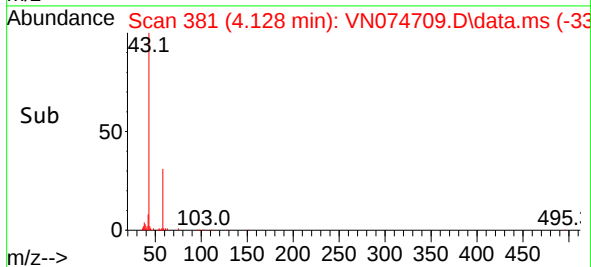
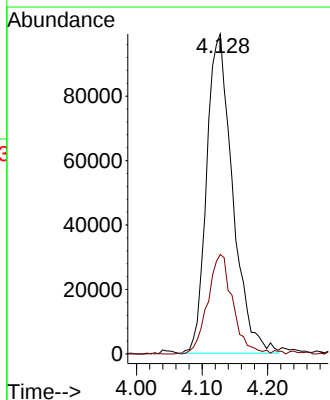
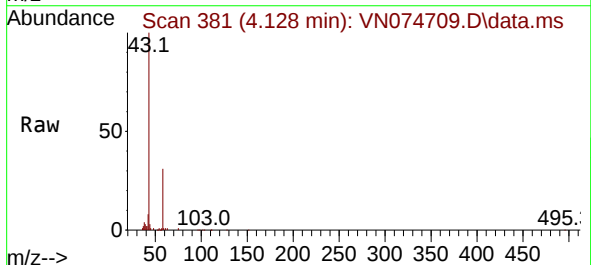
Manual Integrations
APPROVED

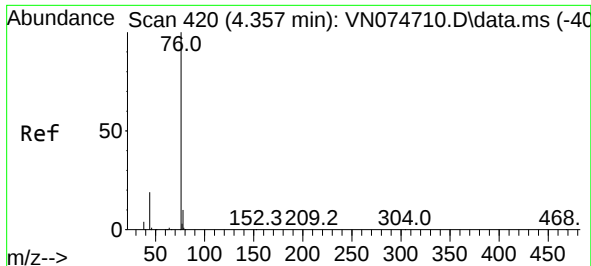
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 93.457 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

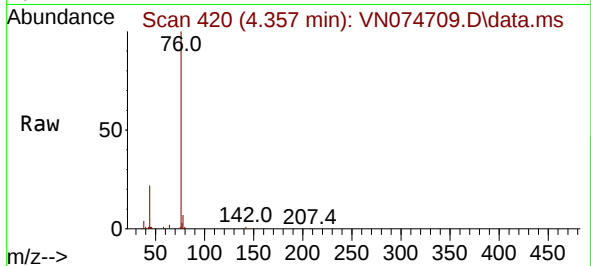
Tgt Ion: 43 Resp: 272785
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0





#17
Carbon Disulfide
Concen: 19.322 ug/l
RT: 4.357 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

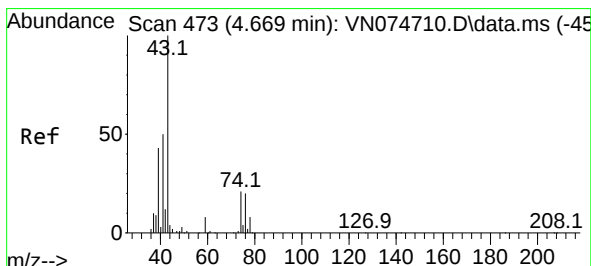
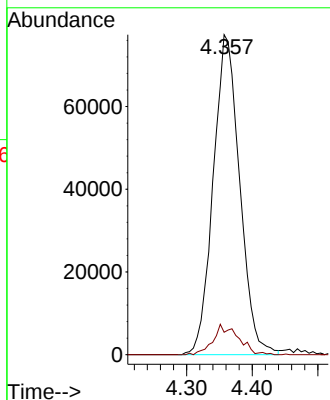
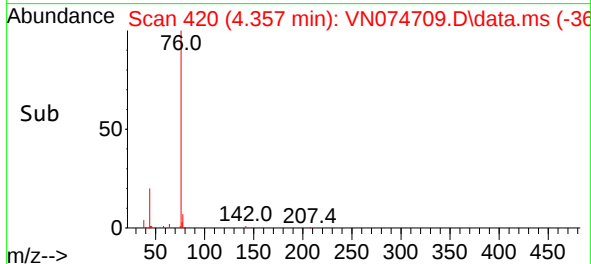
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



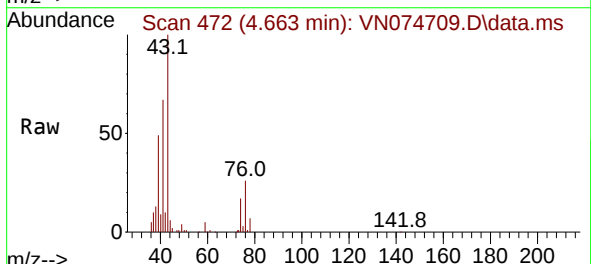
Tgt Ion: 76 Resp: 216719
Ion Ratio Lower Upper
76 100
78 7.0 7.2 10.8

Manual Integrations
APPROVED

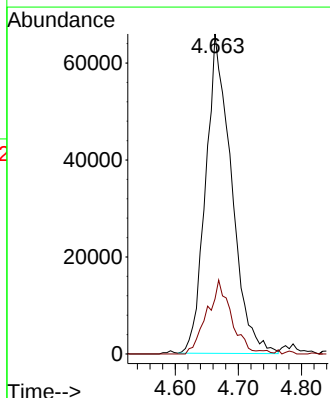
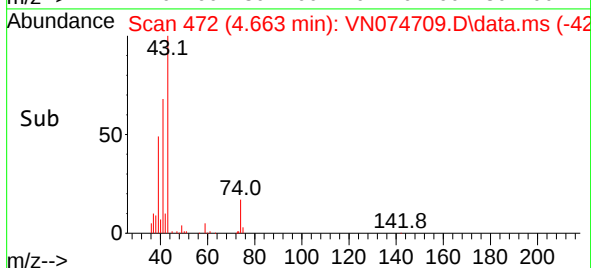
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

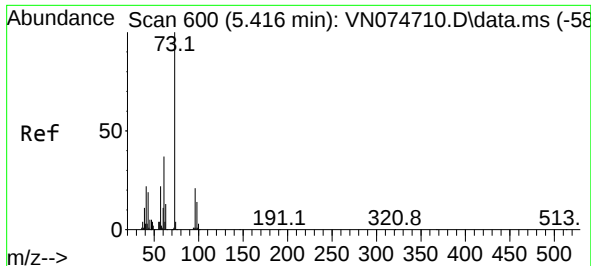


#18
Methyl Acetate
Concen: 19.227 ug/l
RT: 4.663 min Scan# 472
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



Tgt Ion: 43 Resp: 186295
Ion Ratio Lower Upper
43 100
74 21.7 21.6 32.4





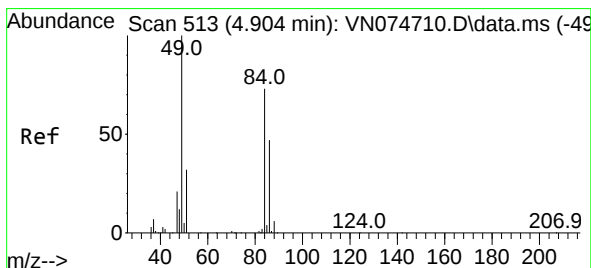
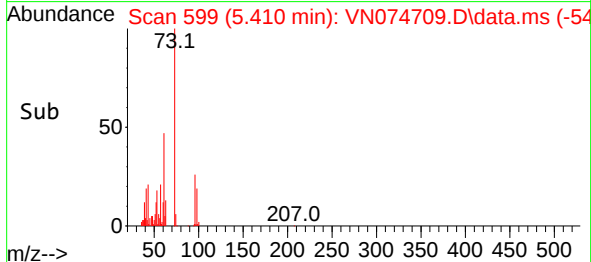
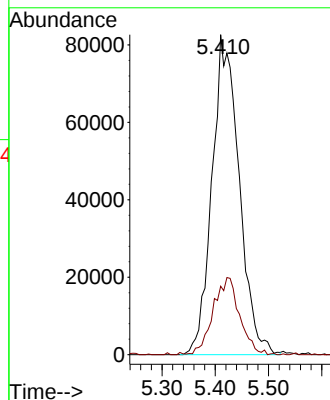
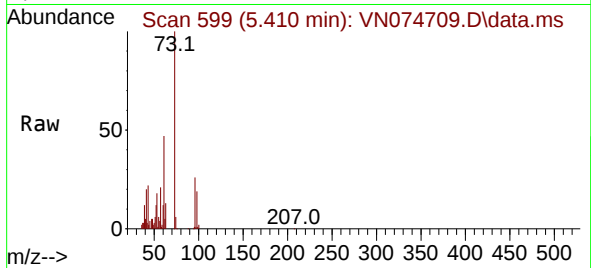
#19
Methyl tert-butyl Ether
Concen: 19.106 ug/l
RT: 5.410 min Scan# 513
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 290884
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

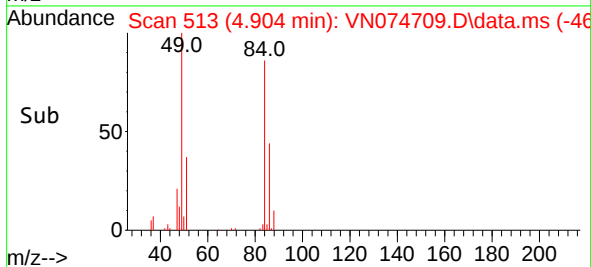
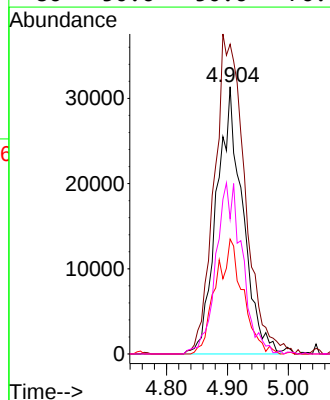
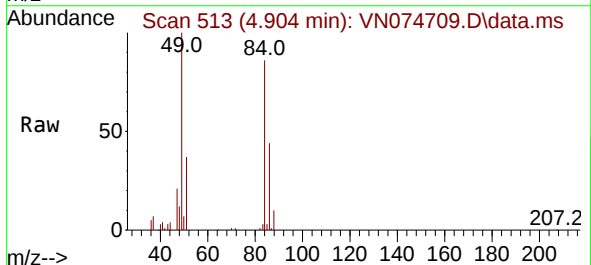
Manual Integrations
APPROVED

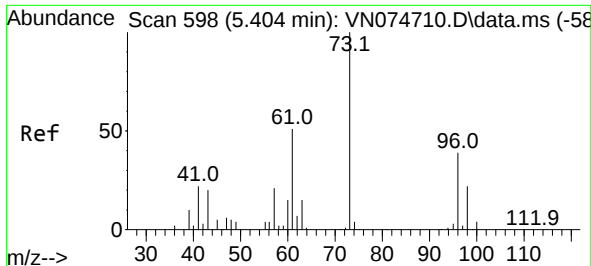
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 17.584 ug/l
RT: 4.904 min Scan# 513
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion: 84 Resp: 93464
Ion Ratio Lower Upper
84 100
49 115.9 88.3 132.5
51 43.0 28.2 42.2#
86 50.6 50.6 76.0#





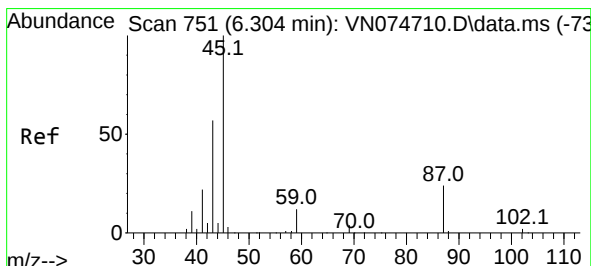
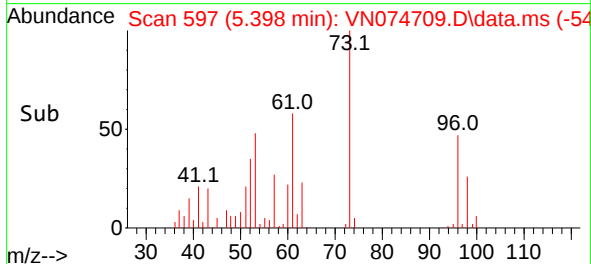
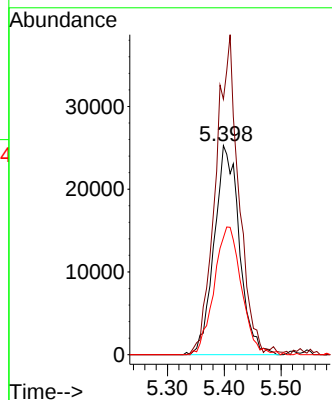
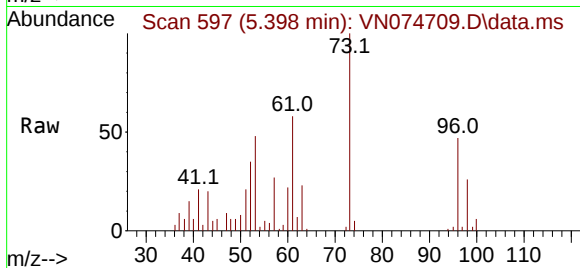
#21
trans-1,2-Dichloroethene
Concen: 18.729 ug/l
RT: 5.398 min Scan# 598
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 77664
Ion Ratio Lower Upper
96 100
61 122.2 105.8 158.8
98 55.9 50.3 75.5

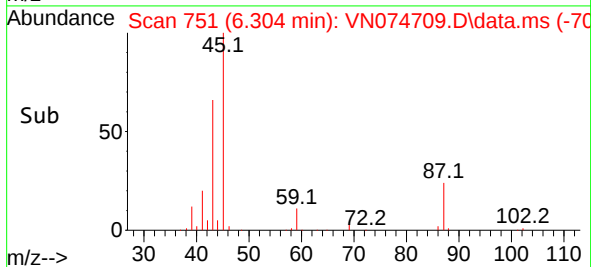
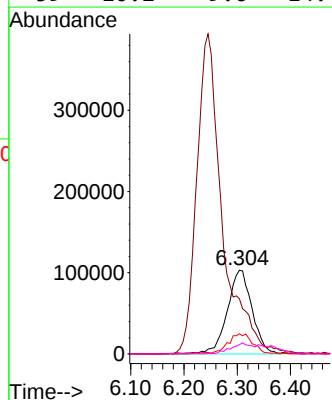
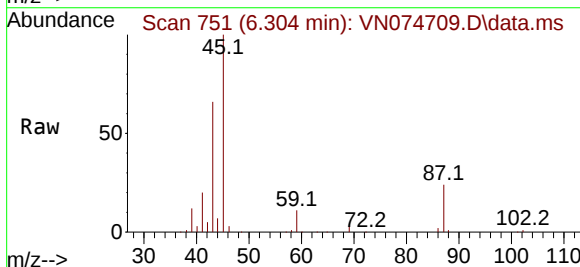
Manual Integrations
APPROVED

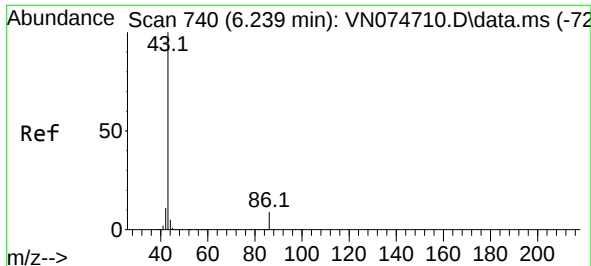
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 19.158 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion: 45 Resp: 331781
Ion Ratio Lower Upper
45 100
43 61.9 46.6 70.0
87 23.8 24.3 36.5#
59 10.2 9.6 14.4





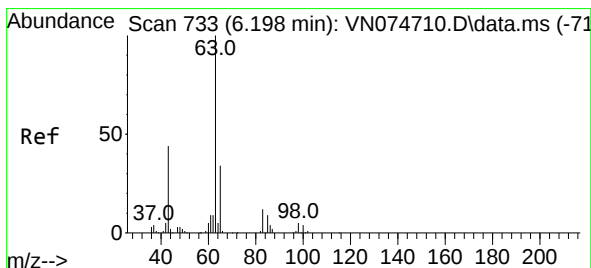
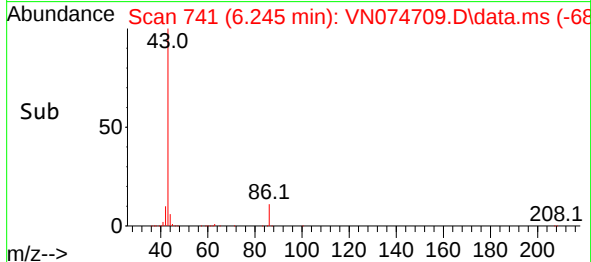
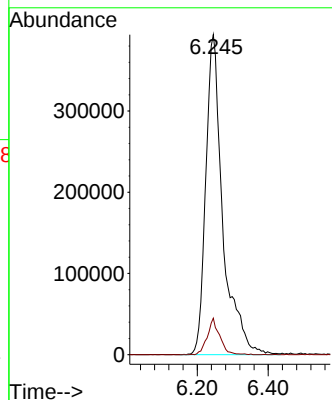
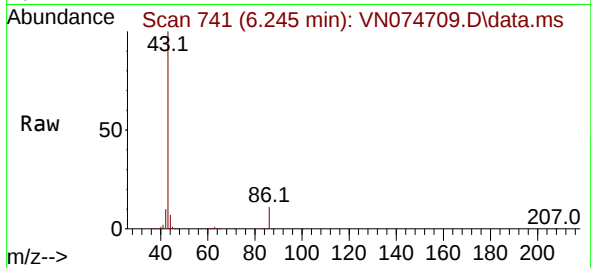
#23
 Vinyl Acetate
 Concen: 100.226 ug/l
 RT: 6.245 min Scan# 741
 Delta R.T. 0.006 min
 Lab File: VN074709.D
 Acq: 03 Oct 2022 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 131766
 Ion Ratio Lower Upper
 43 100
 86 11.4 10.0 15.0

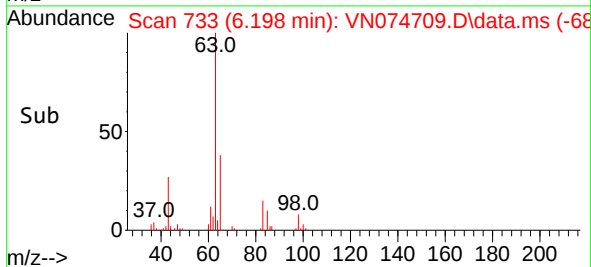
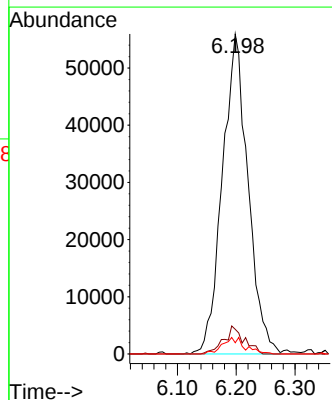
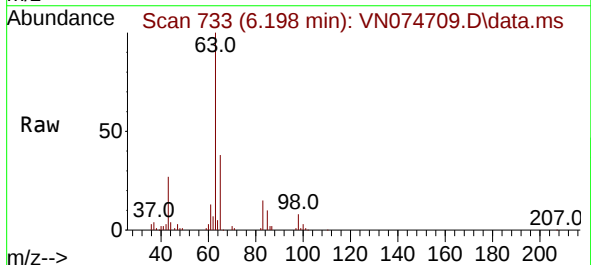
Manual Integrations
 APPROVED

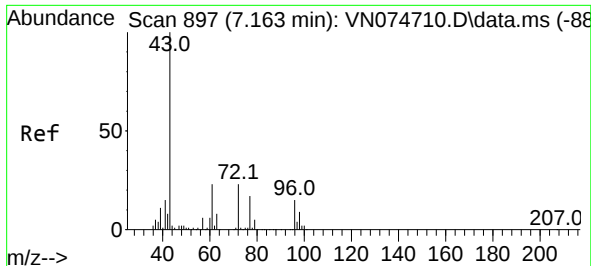
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#24
 1,1-Dichloroethane
 Concen: 19.728 ug/l
 RT: 6.198 min Scan# 733
 Delta R.T. -0.000 min
 Lab File: VN074709.D
 Acq: 03 Oct 2022 14:49

Tgt Ion: 63 Resp: 169390
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 3.5 2.3 6.8





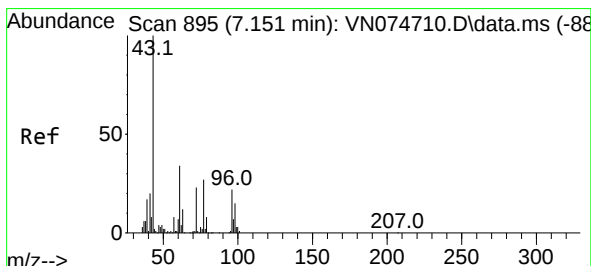
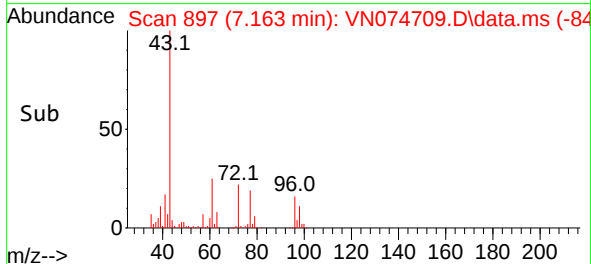
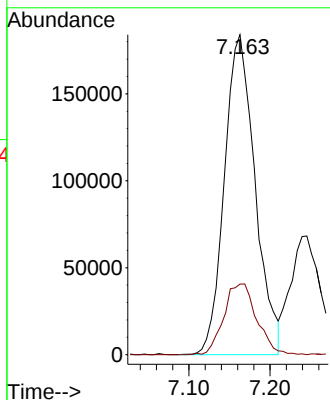
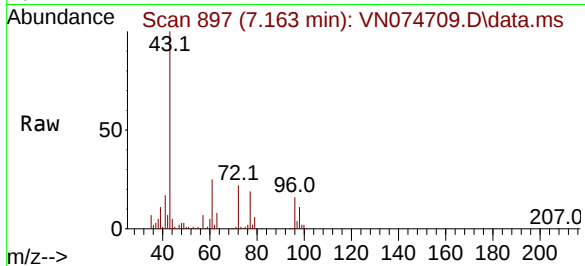
#25
2-Butanone
Concen: 95.579 ug/l
RT: 7.163 min Scan# 897
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020

Tgt Ion: 43 Resp: 483778
Ion Ratio Lower Upper
43 100
72 22.1 23.7 35.5

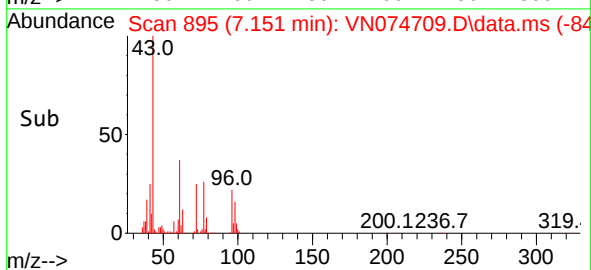
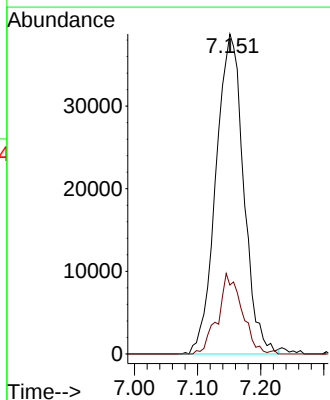
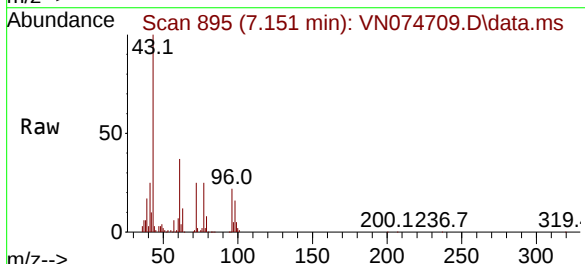
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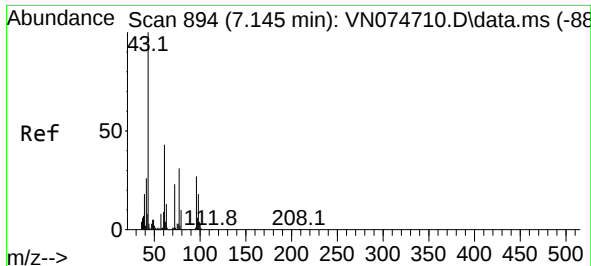
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 18.152 ug/l
RT: 7.151 min Scan# 895
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion: 77 Resp: 118077
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 18.621 ug/l

RT: 7.157 min Scan# 894

Delta R.T. 0.012 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

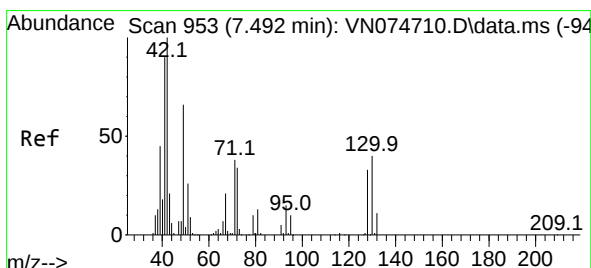
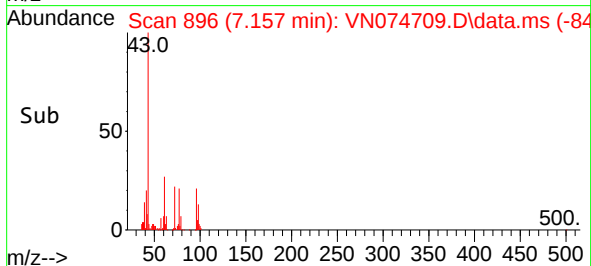
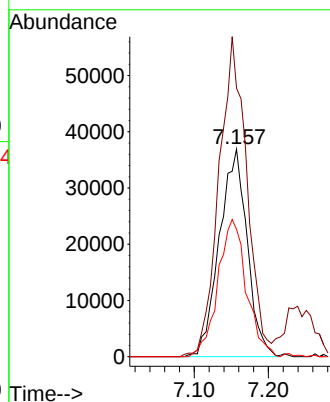
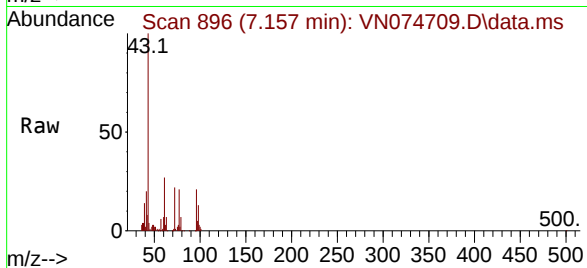
Tgt Ion:	96	Resp:	9647
Ion Ratio	Lower	Upper	
96	100		
61	153.6	0.0	280.6
98	67.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#28

Bromochloromethane

Concen: 20.967 ug/l

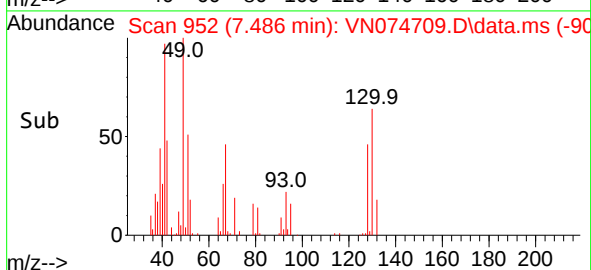
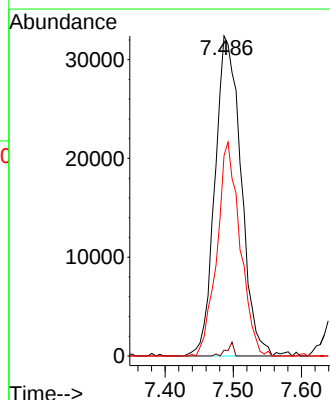
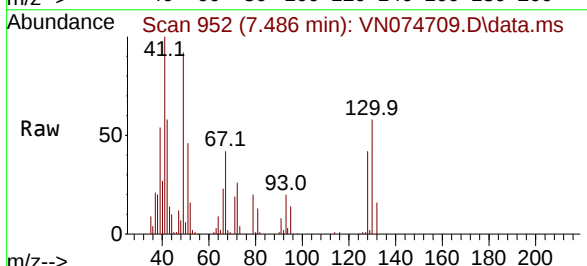
RT: 7.486 min Scan# 952

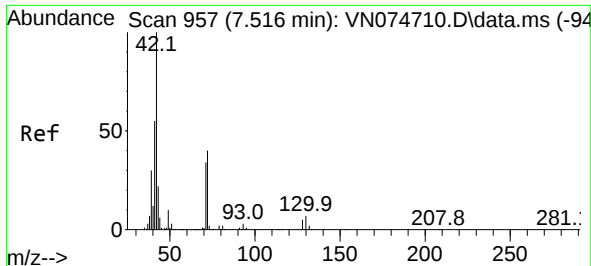
Delta R.T. -0.006 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Tgt Ion:	49	Resp:	86290
Ion Ratio	Lower	Upper	
49	100		
129	1.1	0.0	4.6
130	59.4	69.7	104.5





#29

Tetrahydrofuran

Concen: 97.906 ug/l

RT: 7.516 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 32650

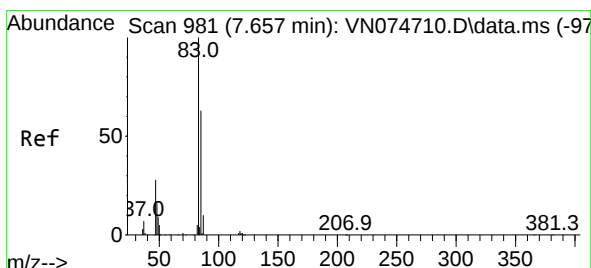
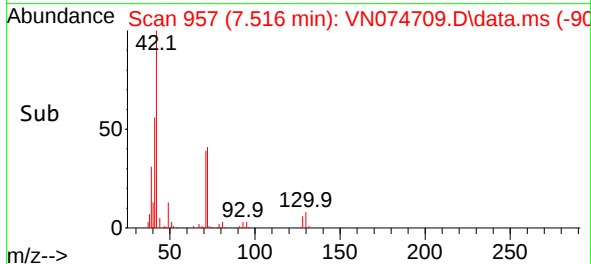
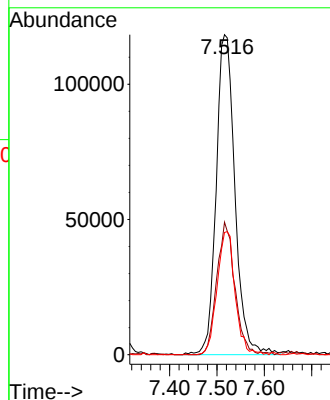
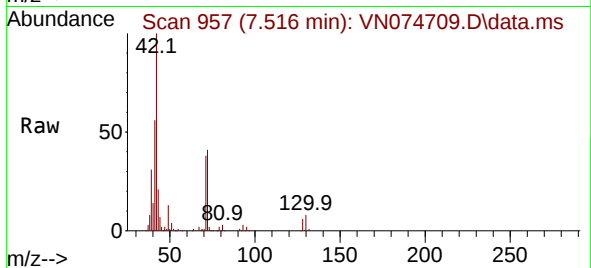
Ion	Ratio	Lower	Upper
42	100		
72	39.5	39.7	59.5
71	36.9	36.6	55.0

Manual Integrations

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Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 19.624 ug/l

RT: 7.657 min Scan# 981

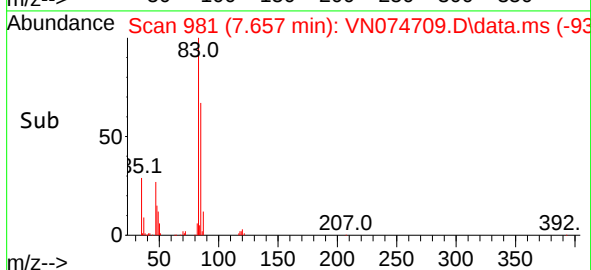
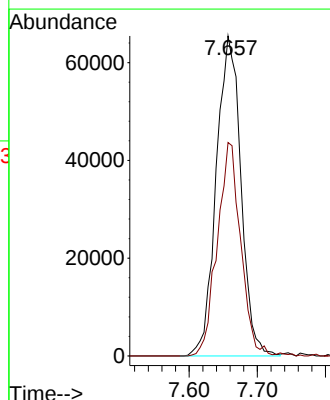
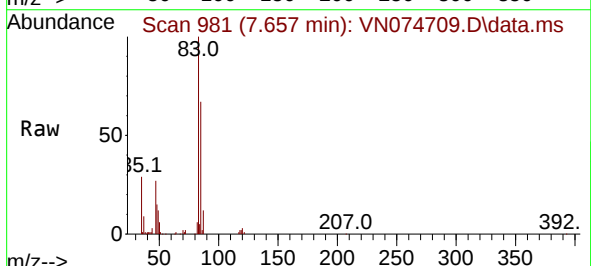
Delta R.T. -0.000 min

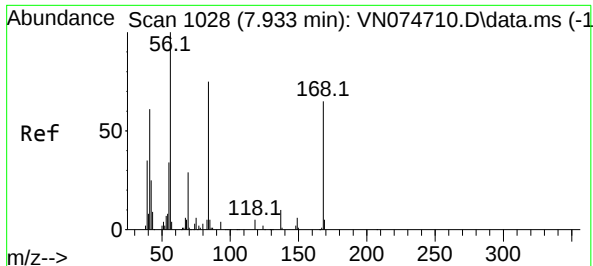
Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Tgt Ion: 83 Resp: 164755

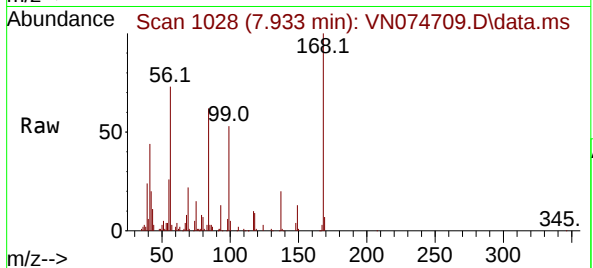
Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.8	77.8





#31
Cyclohexane
Concen: 19.279 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

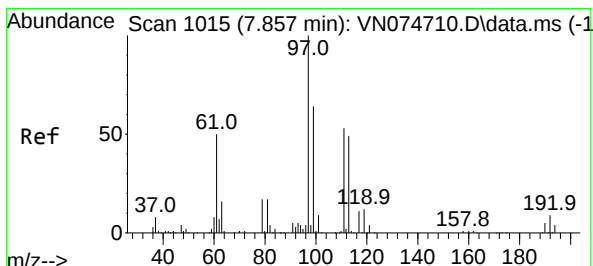
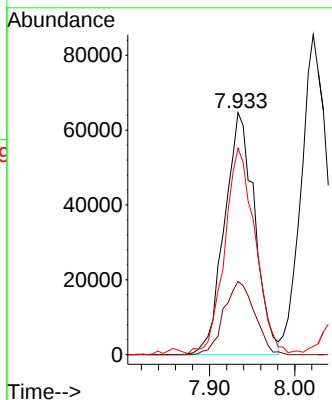
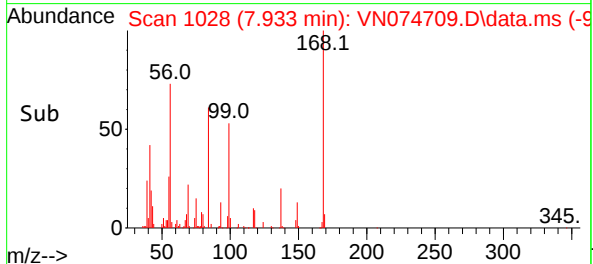
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



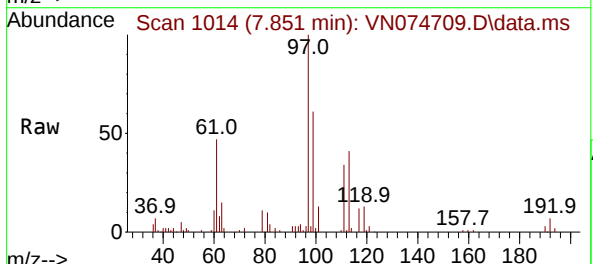
Tgt Ion: 56 Resp: 159224
Ion Ratio Lower Upper
56 100
69 30.3 27.8 41.8
84 83.4 76.9 115.3

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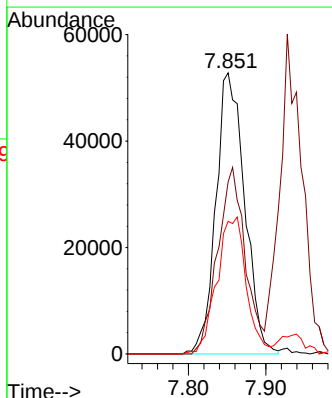
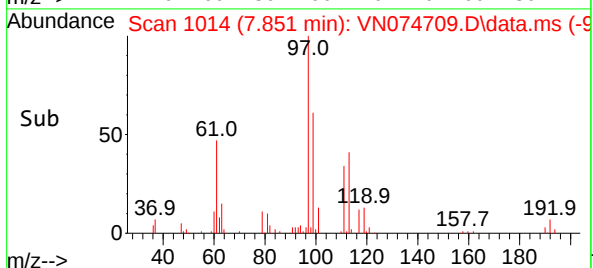
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

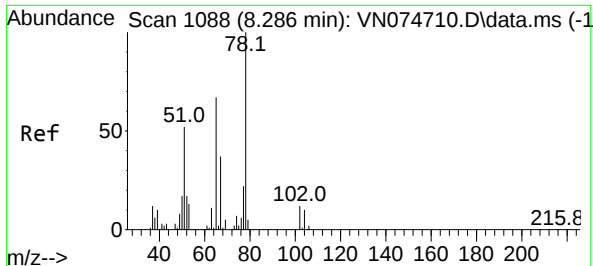


#32
1,1,1-Trichloroethane
Concen: 18.869 ug/l
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



Tgt Ion: 97 Resp: 136283
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 49.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 18.282 ug/l

RT: 8.286 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 9771

Ion Ratio Lower Upper

65 100

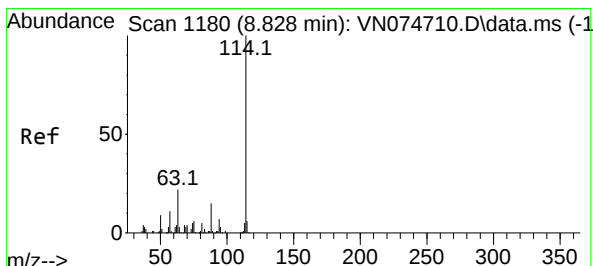
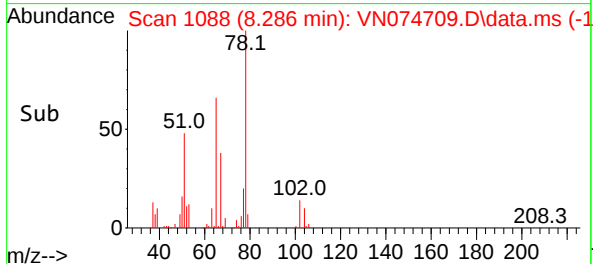
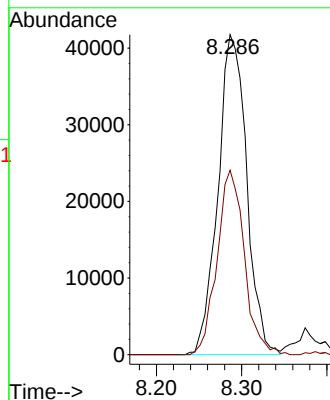
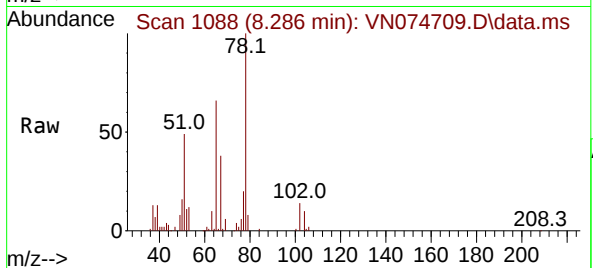
67 54.7 0.0 104.8

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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: 8.827 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

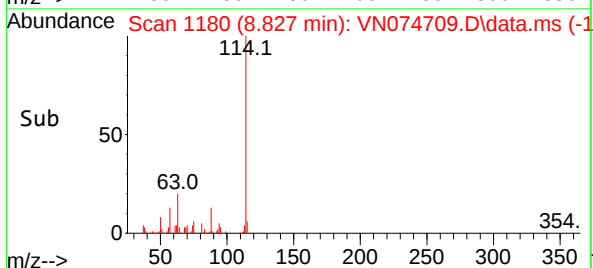
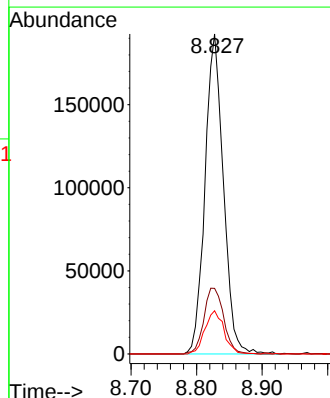
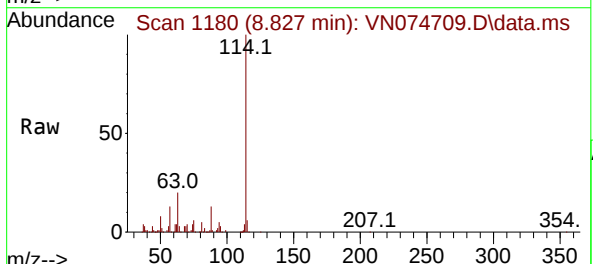
Tgt Ion:114 Resp: 375680

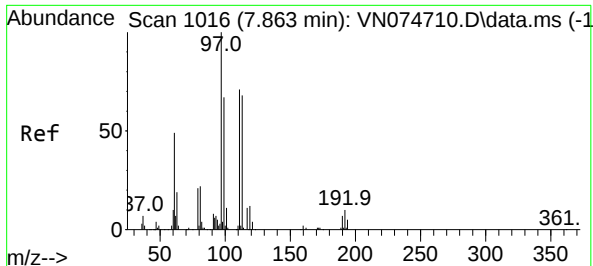
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

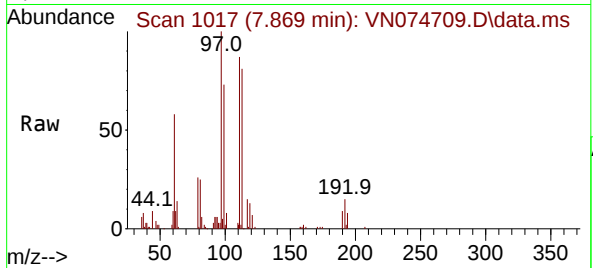
88 13.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 17.991 ug/l
RT: 7.869 min Scan# 1016
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

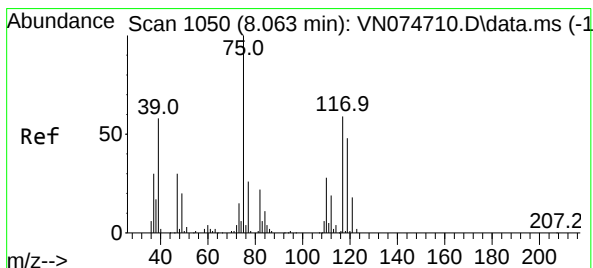
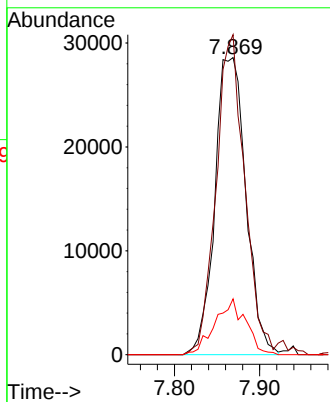
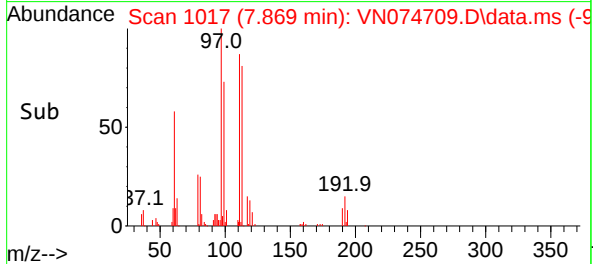
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



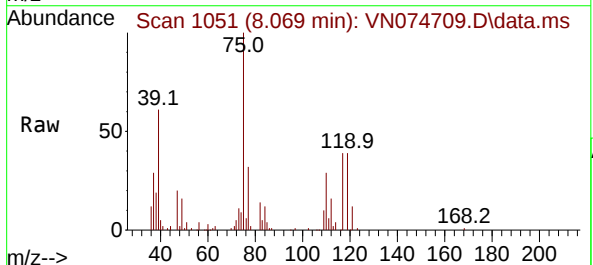
Tgt Ion: 113 Resp: 72659
Ion Ratio Lower Upper
113 100
111 99.3 81.4 122.0
192 18.6 17.0 25.6

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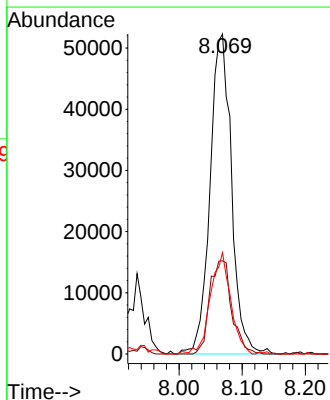
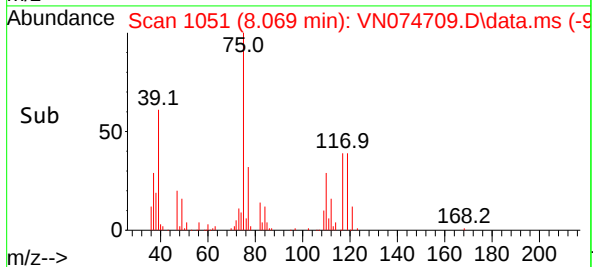
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

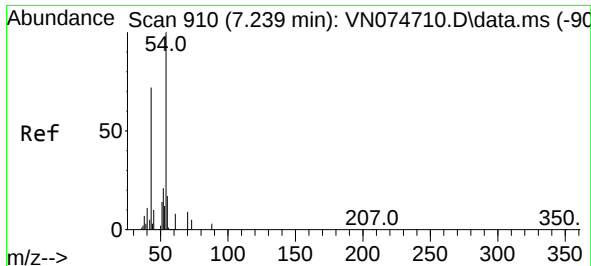


#36
1,1-Dichloropropene
Concen: 18.752 ug/l
RT: 8.069 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



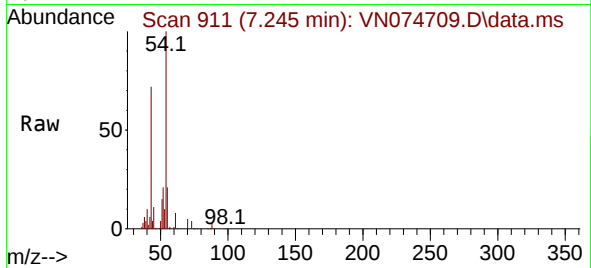
Tgt Ion: 75 Resp: 123339
Ion Ratio Lower Upper
75 100
110 30.0 18.3 54.8
77 30.0 25.1 37.7





#37
Ethyl Acetate
Concen: 18.862 ug/l
RT: 7.245 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

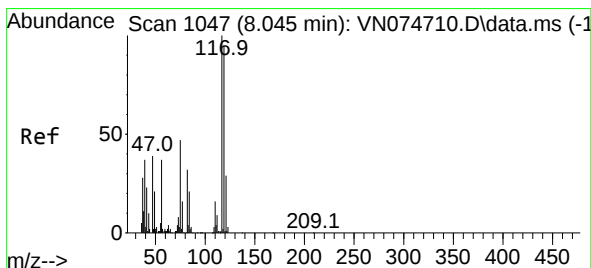
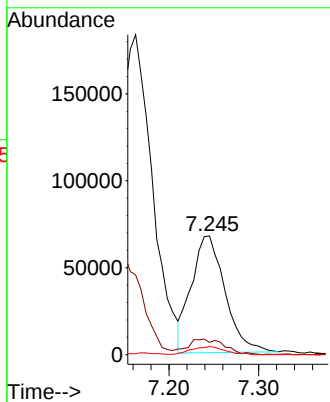
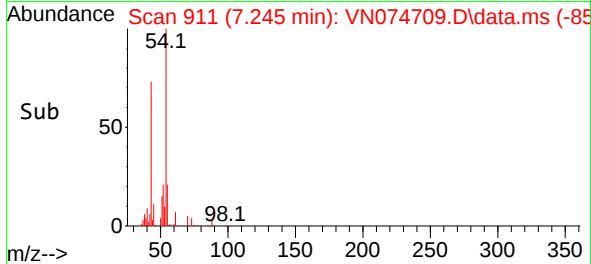
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 17571
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 6.8 9.3 13.9

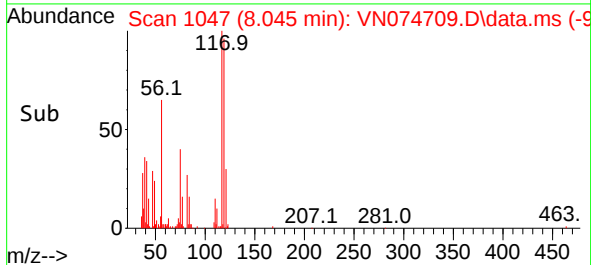
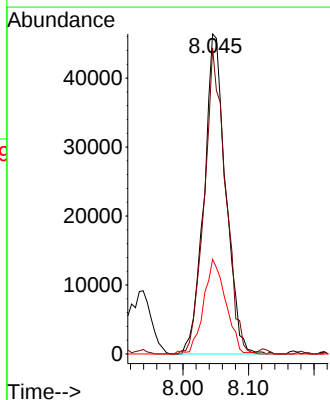
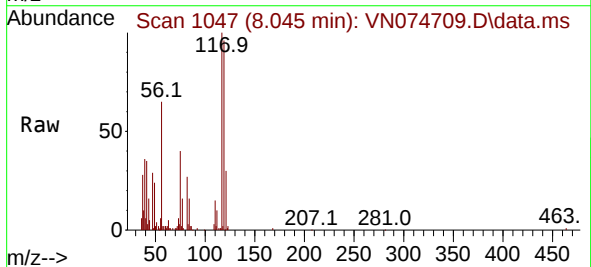
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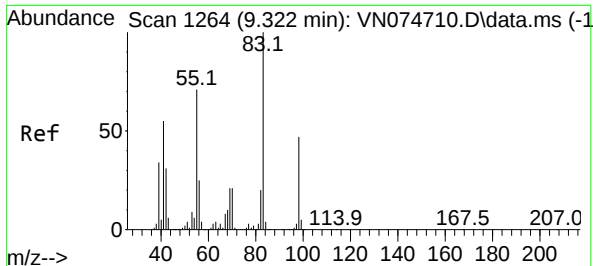
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#38
Carbon Tetrachloride
Concen: 18.337 ug/l
RT: 8.045 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion:117 Resp: 106657
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
121 29.5 24.6 37.0





#39

Methylcyclohexane

Concen: 19.435 ug/l

RT: 9.322 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 15484

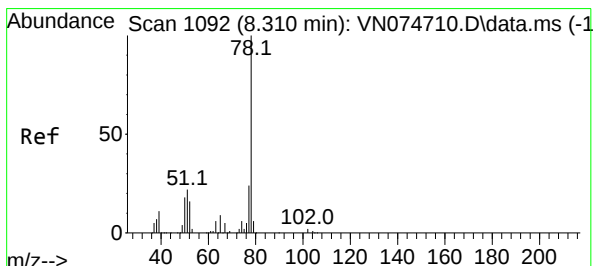
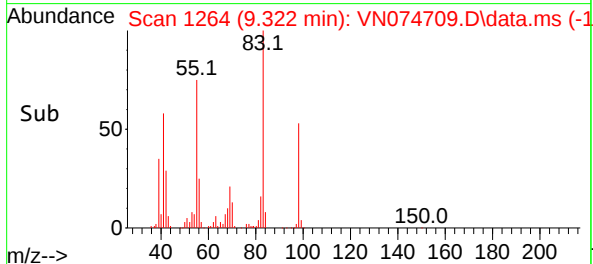
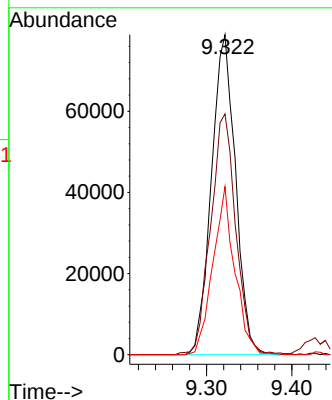
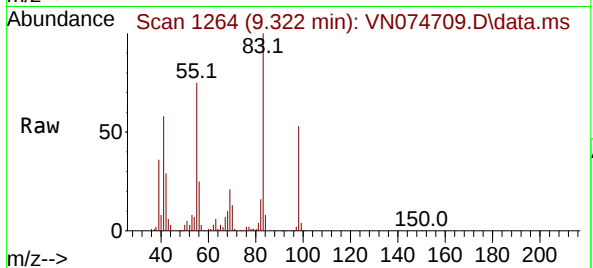
Ion	Ratio	Lower	Upper
83	100		
55	74.7	57.8	86.8
98	52.5	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 19.923 ug/l

RT: 8.310 min Scan# 1092

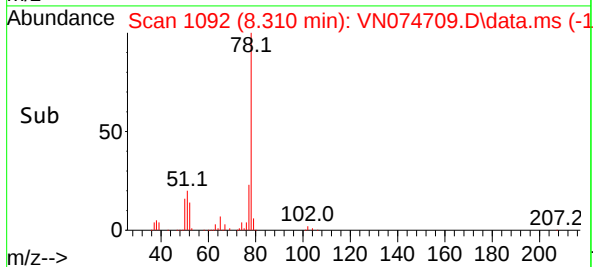
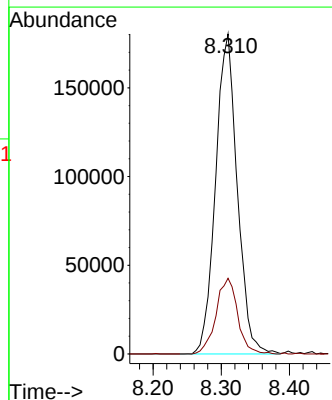
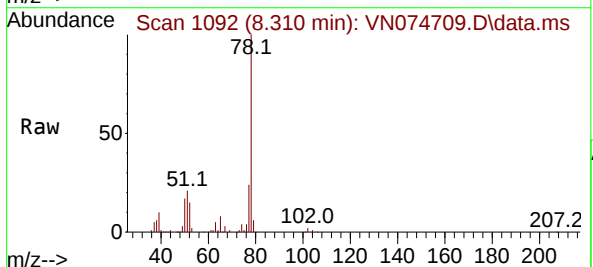
Delta R.T. -0.000 min

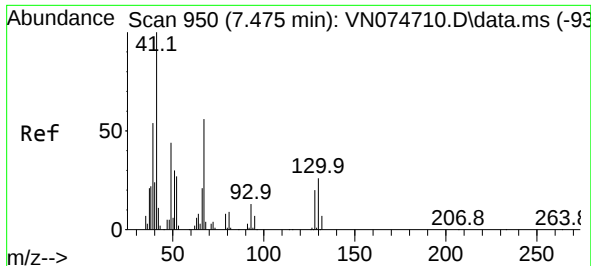
Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Tgt Ion: 78 Resp: 399531

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





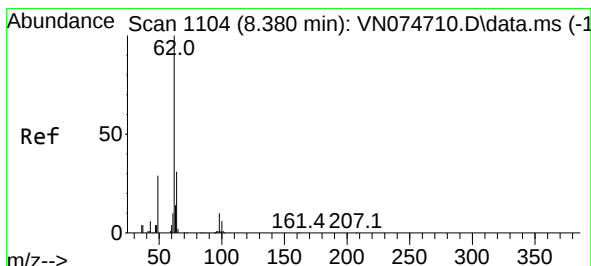
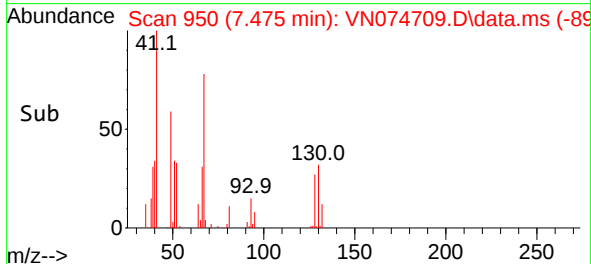
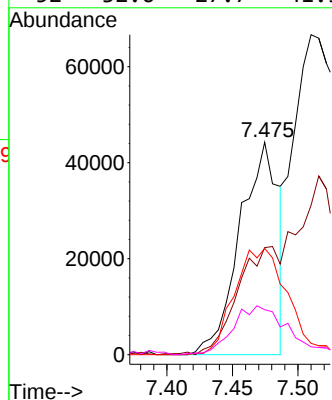
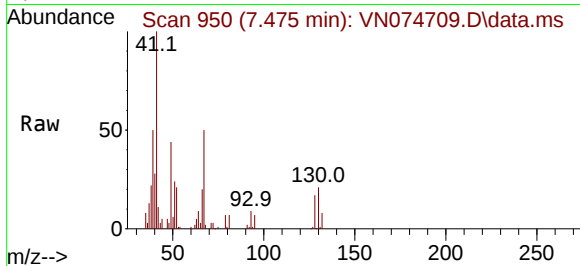
#41
Methacrylonitrile
Concen: 20.705 ug/l
RT: 7.475 min Scan# 9055
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 9055
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0
67 69.1 73.4 110.2
52 32.6 27.7 41.5

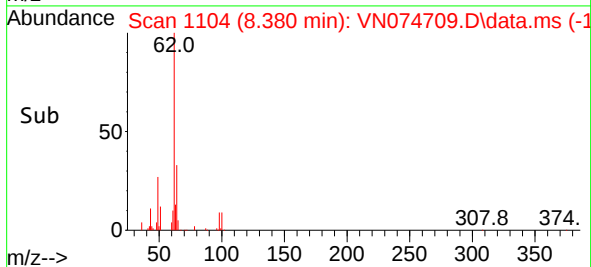
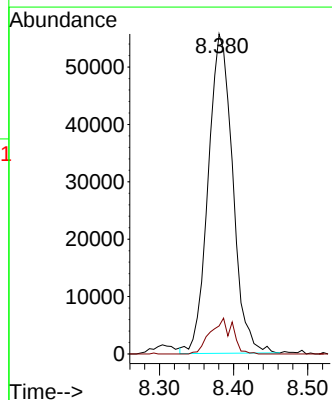
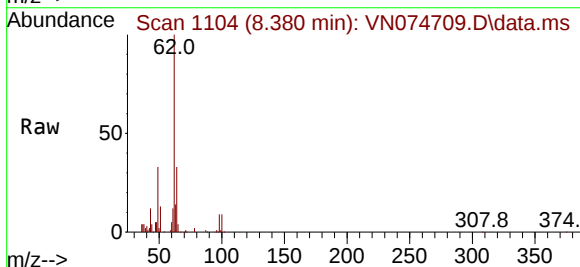
Manual Integrations
APPROVED

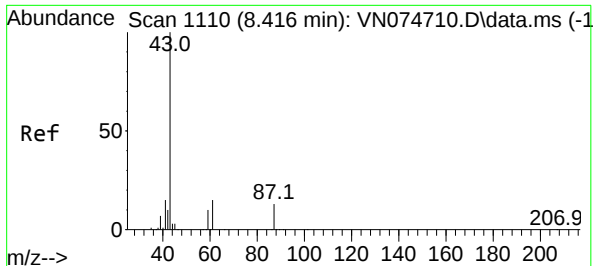
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 18.599 ug/l
RT: 8.380 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

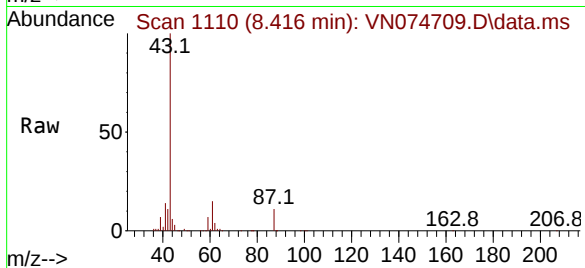
Tgt Ion: 62 Resp: 127656
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.537 ug/l
RT: 8.416 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

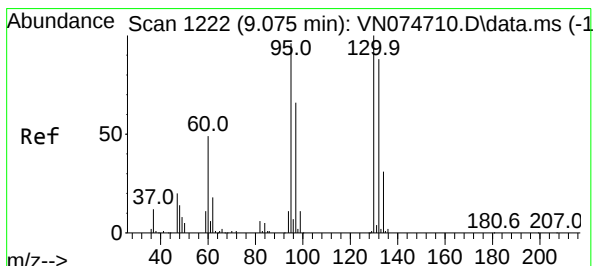
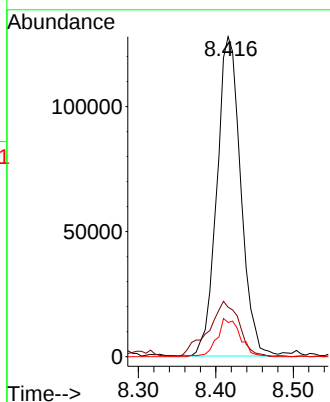
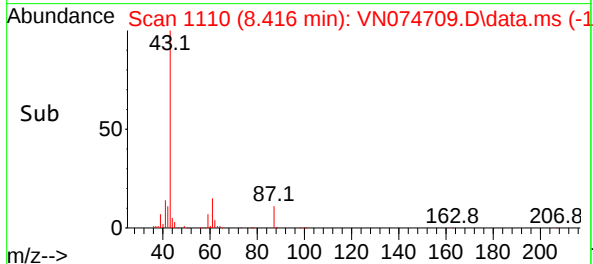
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 274200
Ion Ratio Lower Upper
43 100
61 22.0 21.9 32.9
87 11.6 12.0 18.0

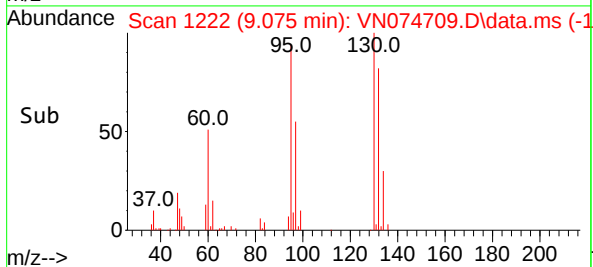
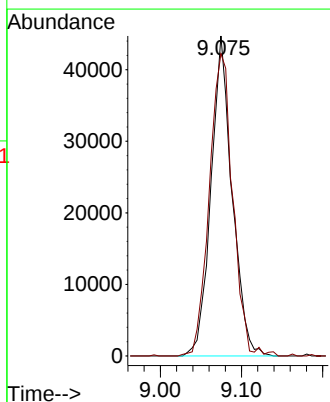
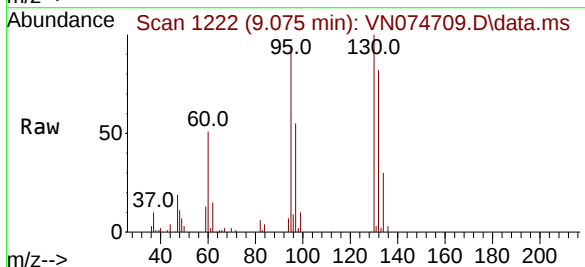
Manual Integrations
APPROVED

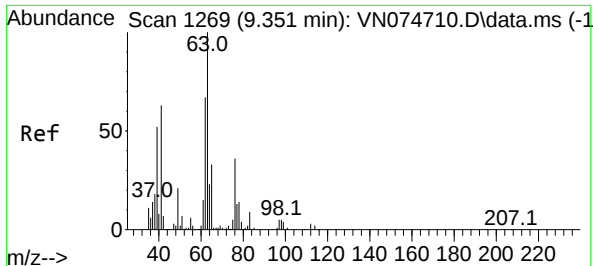
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Trichloroethene
Concen: 18.259 ug/l
RT: 9.075 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion:130 Resp: 80841
Ion Ratio Lower Upper
130 100
95 94.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.825 ug/l

RT: 9.351 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 10014

Ion Ratio Lower Upper

63 100

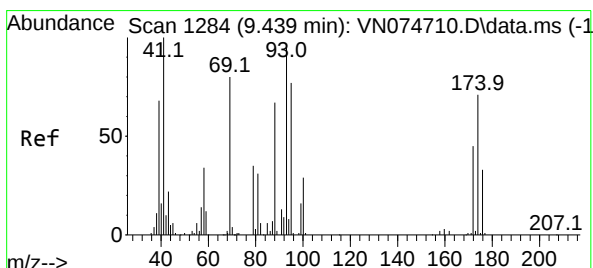
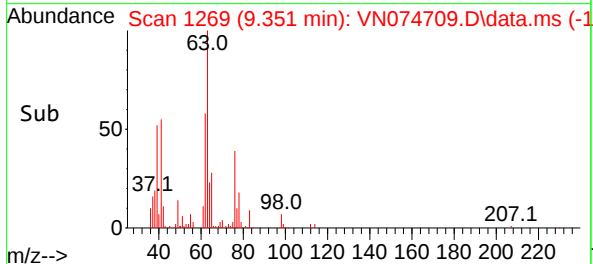
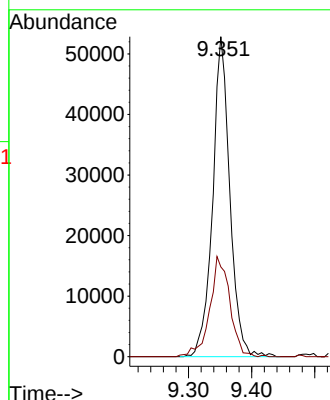
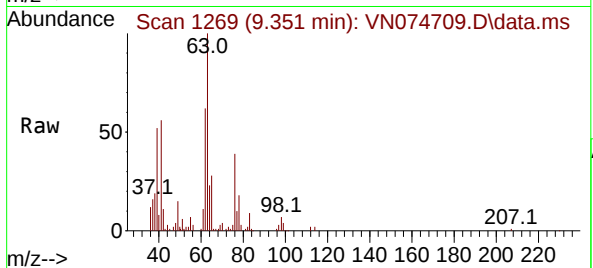
65 28.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#46

Dibromomethane

Concen: 17.939 ug/l

RT: 9.433 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

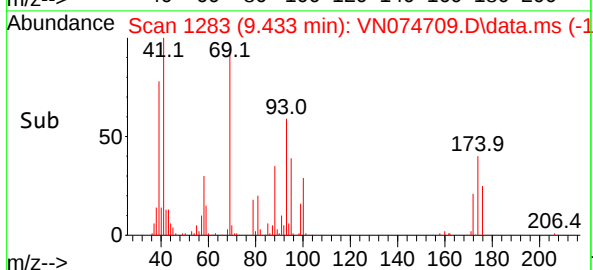
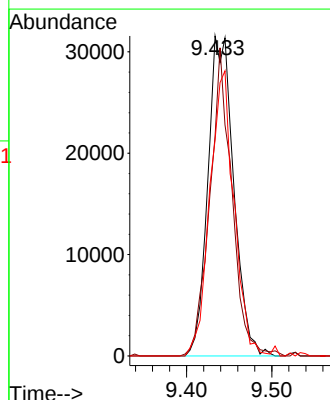
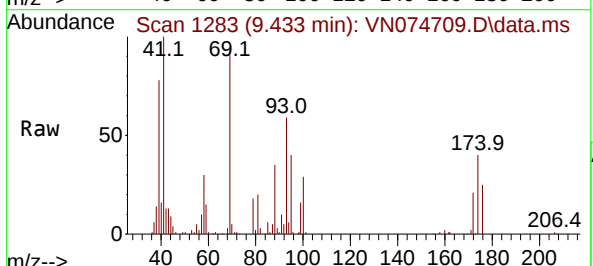
Tgt Ion: 93 Resp: 66494

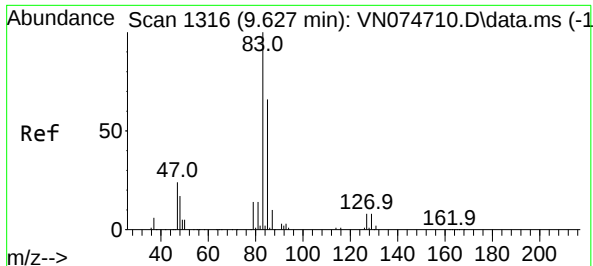
Ion Ratio Lower Upper

93 100

95 82.1 66.9 100.3

174 83.5 86.6 130.0#





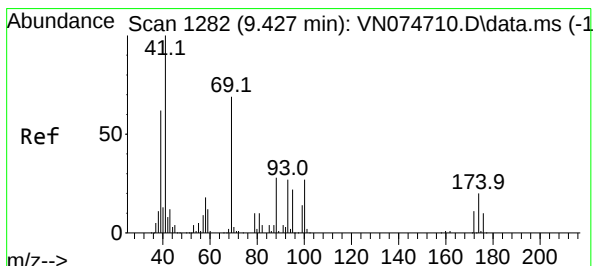
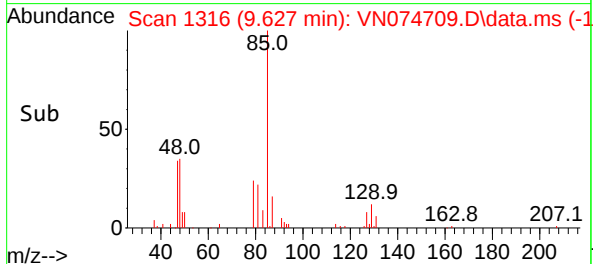
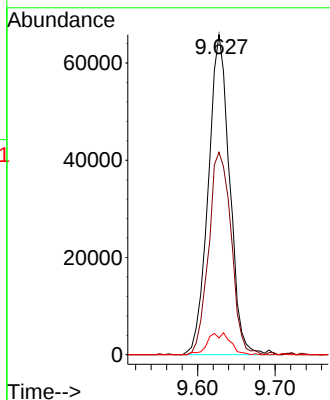
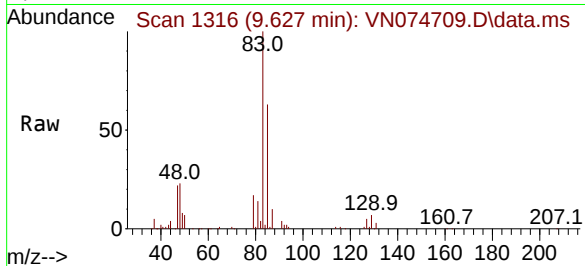
#47
Bromodichloromethane
Concen: 18.688 ug/l
RT: 9.627 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 126079
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7
127 5.2 6.8 10.2

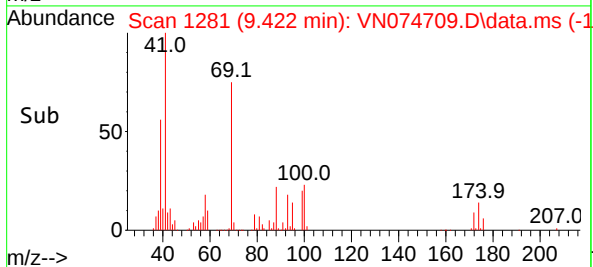
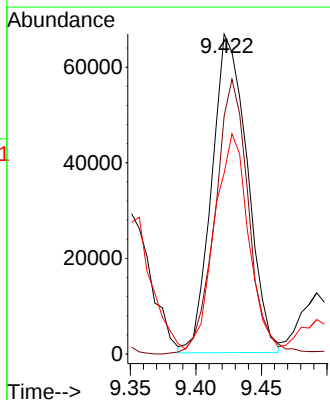
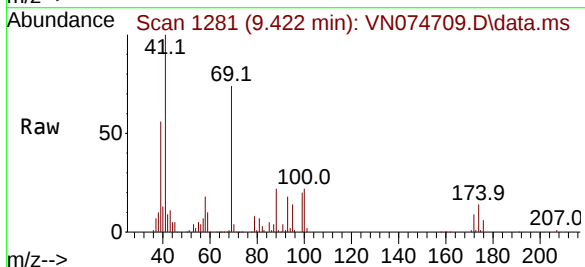
Manual Integrations
APPROVED

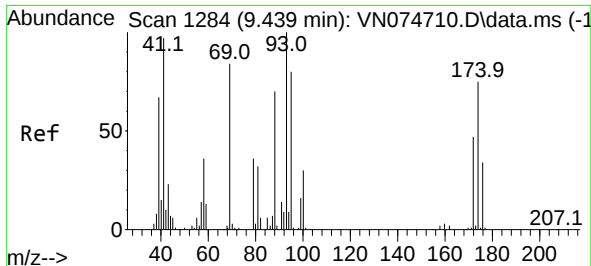
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#48
Methyl methacrylate
Concen: 19.537 ug/l
RT: 9.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

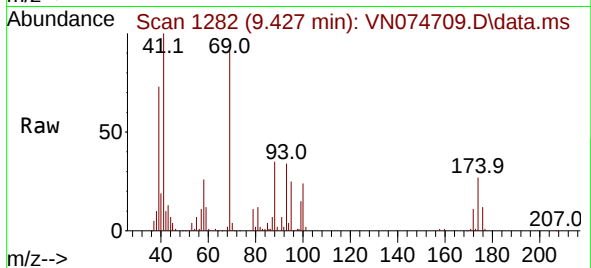
Tgt Ion: 41 Resp: 125627
Ion Ratio Lower Upper
41 100
69 81.1 74.7 112.1
39 64.3 45.6 68.4





#49
1,4-Dioxane
Concen: 382.005 ug/l
RT: 9.427 min Scan# 1282
Delta R.T. -0.012 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

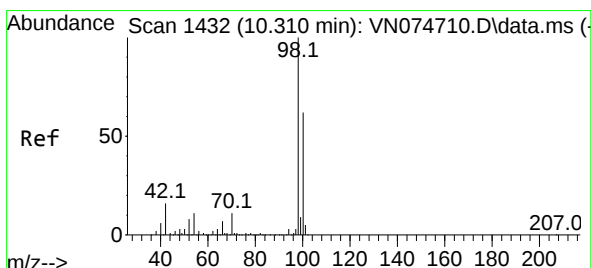
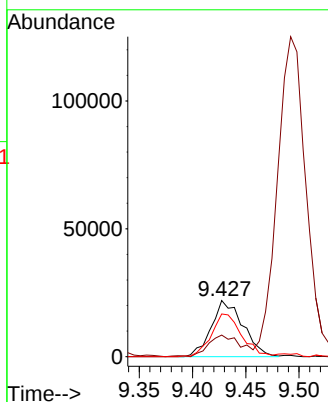
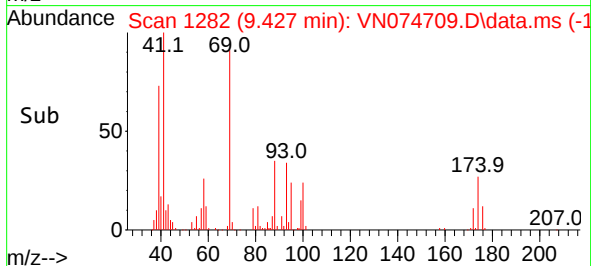
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 45429
Ion Ratio Lower Upper
88 100
43 39.5 20.2 30.4
58 72.3 54.2 81.4

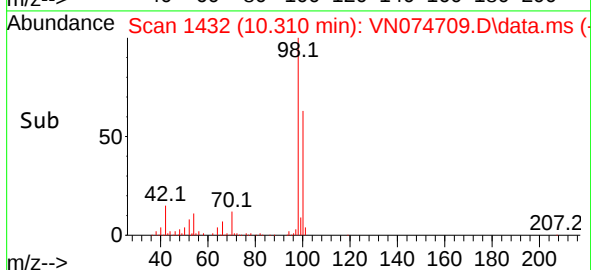
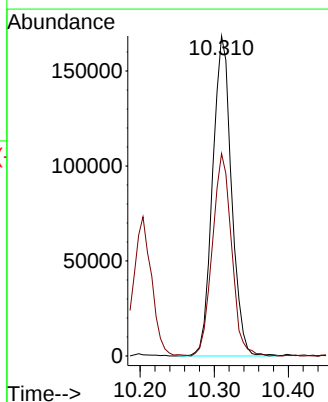
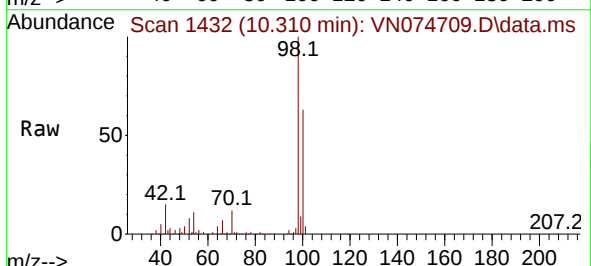
Manual Integrations
APPROVED

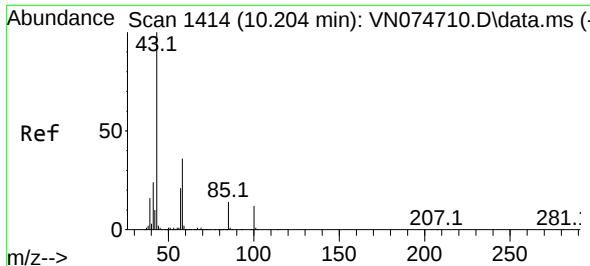
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#50
Toluene-d8
Concen: 17.937 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

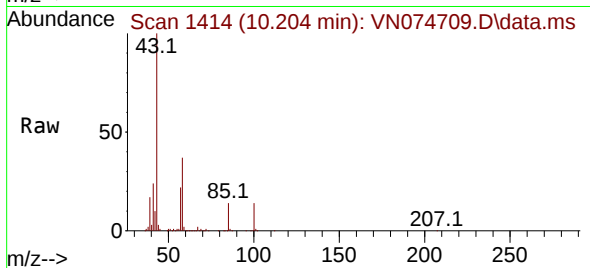
Tgt Ion: 98 Resp: 297758
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 97.209 ug/l
RT: 10.204 min Scan# 1414
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

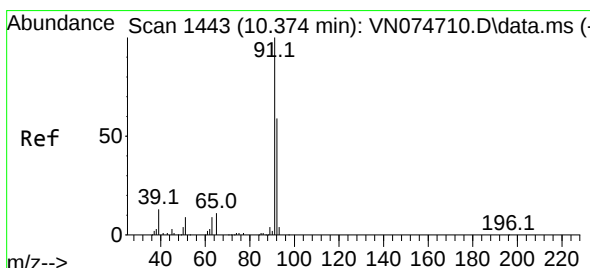
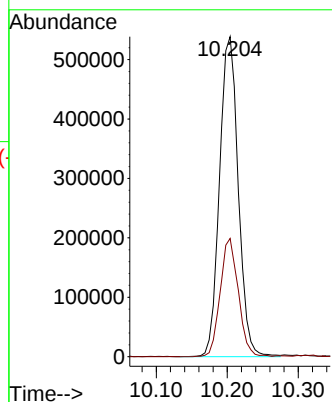
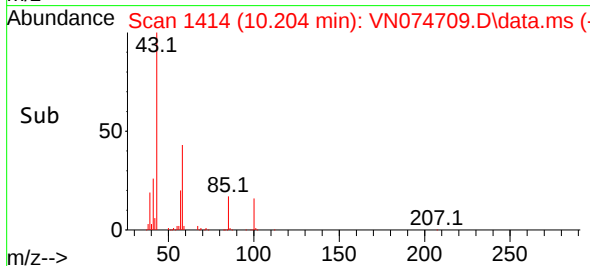
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 982954
Ion Ratio Lower Upper
43 100
58 35.7 34.1 51.1

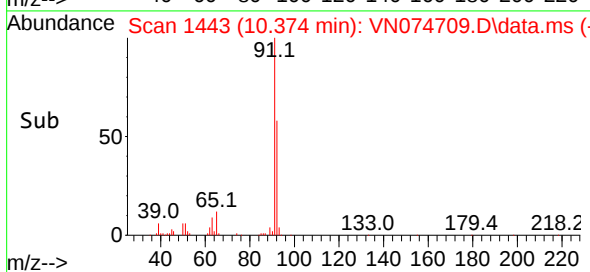
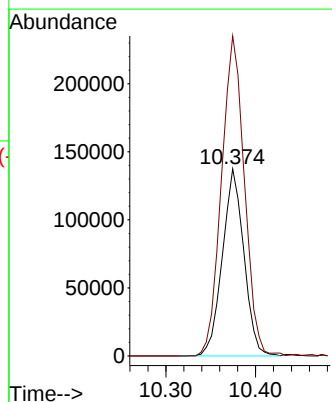
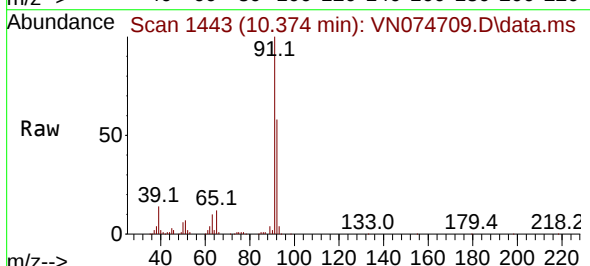
Manual Integrations
APPROVED

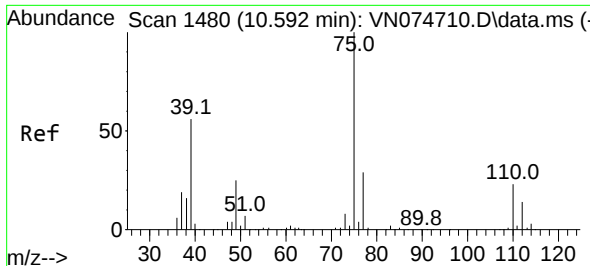
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#52
Toluene
Concen: 18.764 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

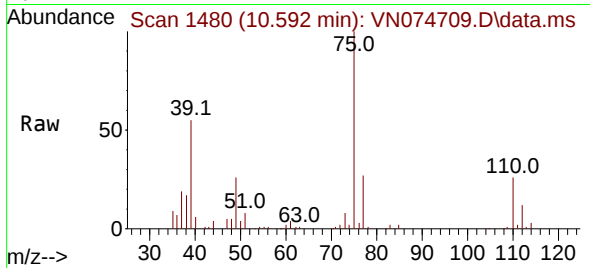
Tgt Ion: 92 Resp: 228934
Ion Ratio Lower Upper
92 100
91 182.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.155 ug/l
RT: 10.592 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

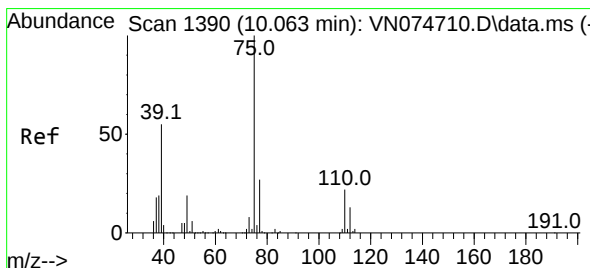
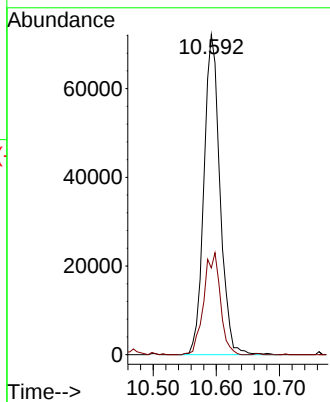
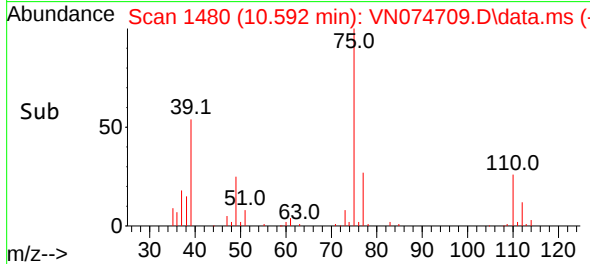
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



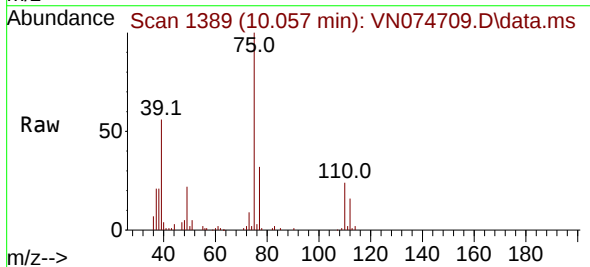
Tgt Ion: 75 Resp: 127362
Ion Ratio Lower Upper
75 100
77 27.1 25.6 38.4

Manual Integrations
APPROVED

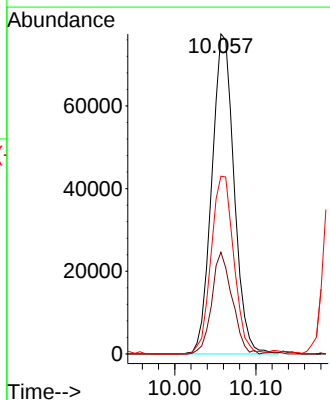
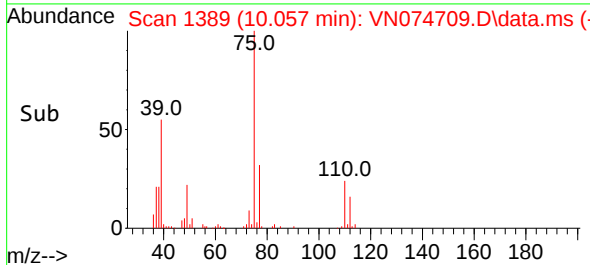
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

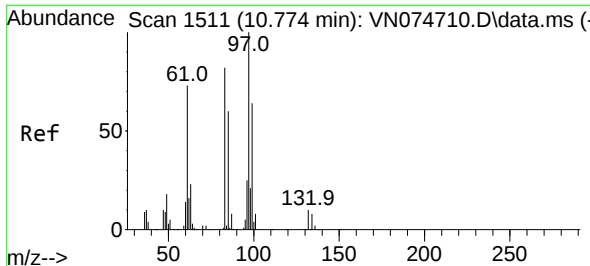


#54
cis-1,3-Dichloropropene
Concen: 19.849 ug/l
RT: 10.057 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



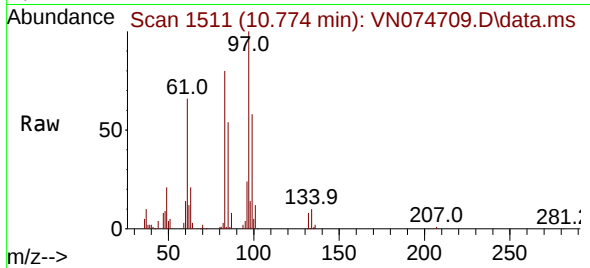
Tgt Ion: 75 Resp: 147625
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 55.6 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 19.213 ug/l
RT: 10.774 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

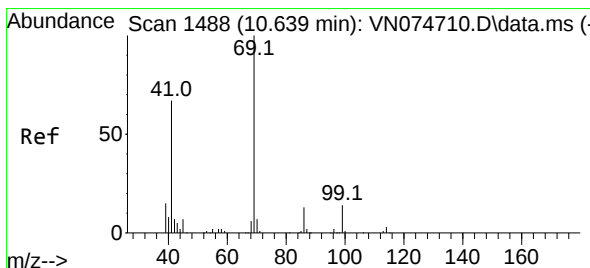
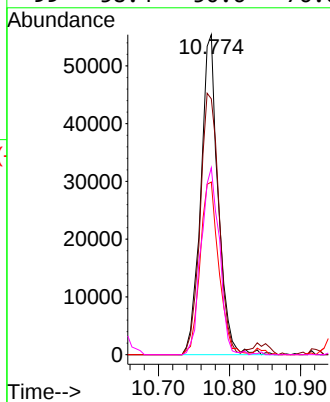
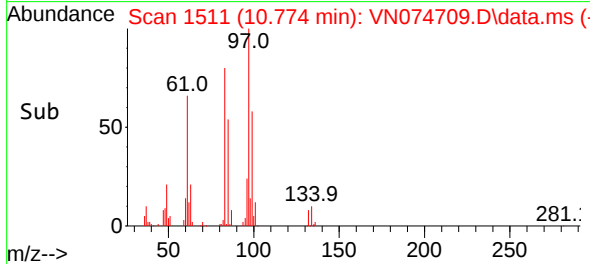
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 97	Resp: 94299
Ion Ratio	Lower Upper
97 100	
83 79.9	66.2 99.4
85 54.0	43.9 65.9
99 58.4	50.6 76.0

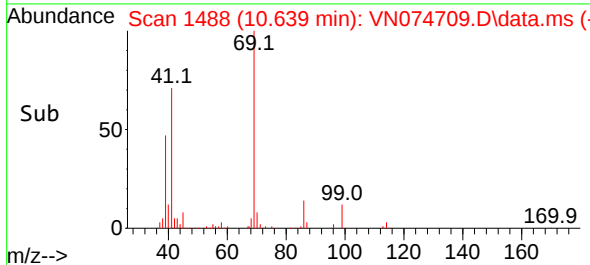
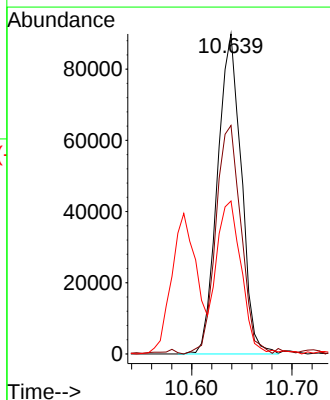
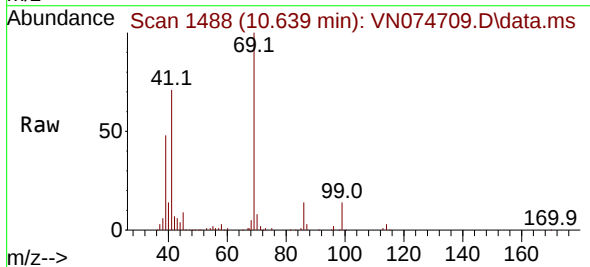
Manual Integrations
APPROVED

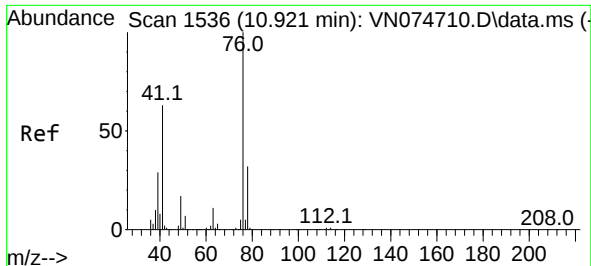
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#56
Ethyl methacrylate
Concen: 19.161 ug/l
RT: 10.639 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

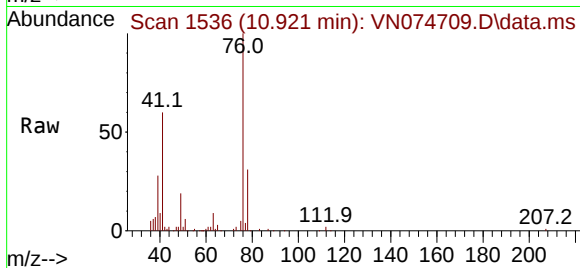
Tgt Ion: 69	Resp: 148034
Ion Ratio	Lower Upper
69 100	
41 75.6	47.8 71.6#
39 50.0	27.3 40.9#





#57
1,3-Dichloropropane
Concen: 19.329 ug/l
RT: 10.921 min Scan# 1536
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

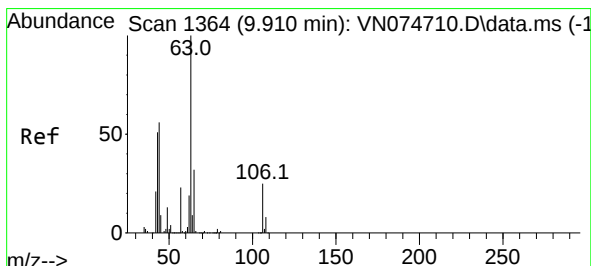
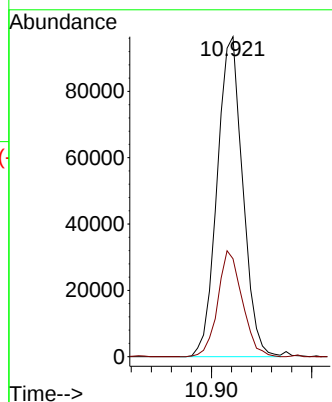
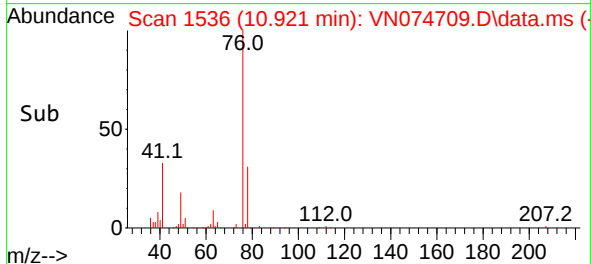
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 170442
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.2

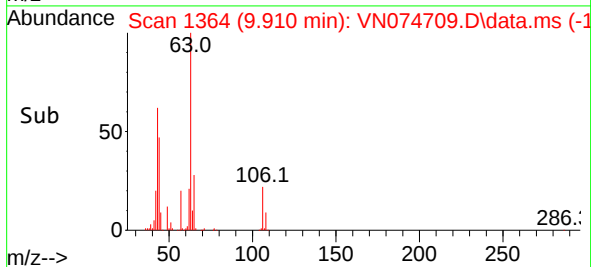
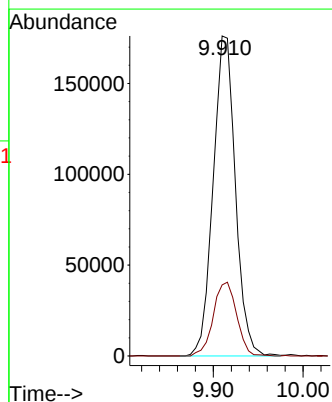
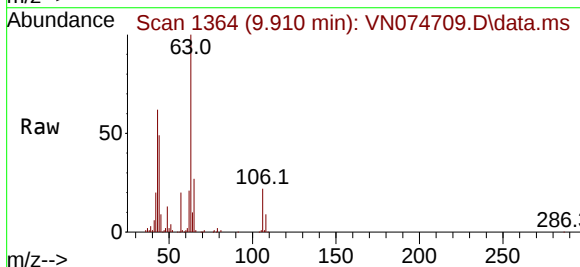
Manual Integrations
APPROVED

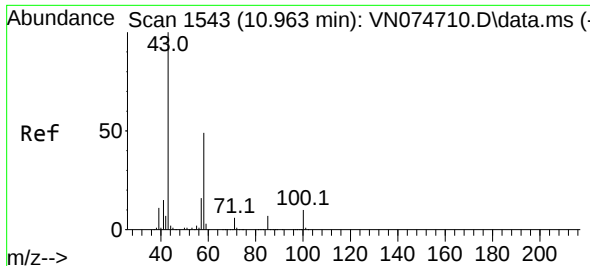
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 101.817 ug/l
RT: 9.910 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

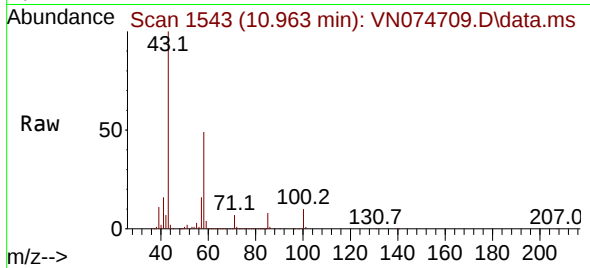
Tgt Ion: 63 Resp: 303353
Ion Ratio Lower Upper
63 100
106 24.1 24.6 36.8#





#59
2-Hexanone
Concen: 95.369 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

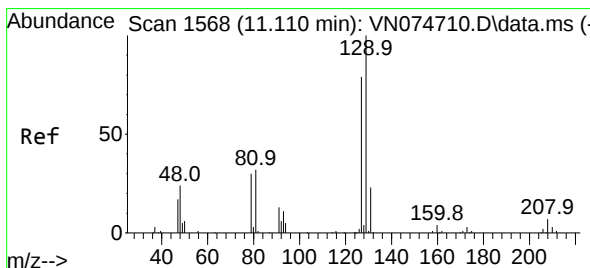
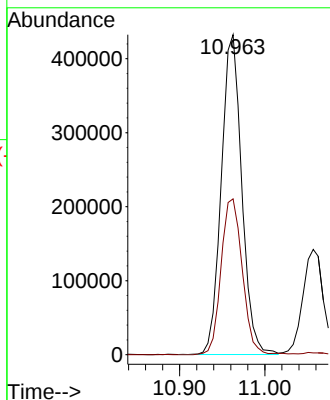
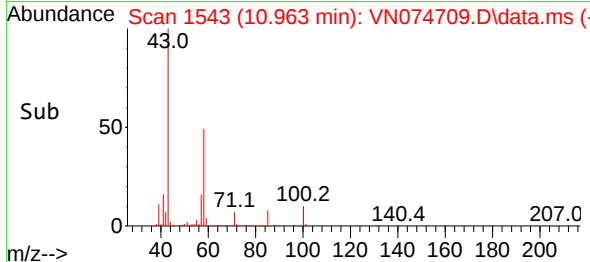
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 722560
Ion Ratio Lower Upper
43 100
58 50.6 29.7 89.1

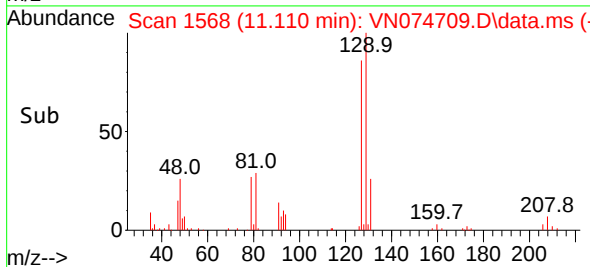
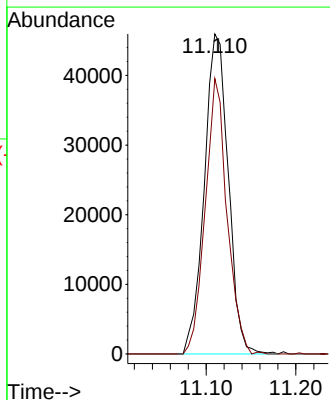
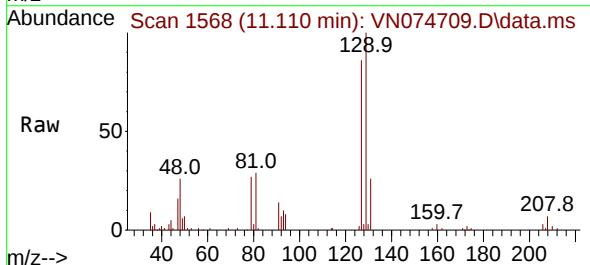
Manual Integrations
APPROVED

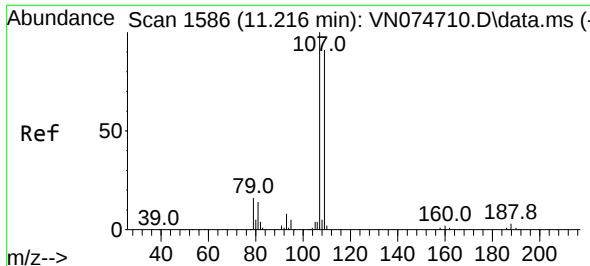
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#60
Dibromochloromethane
Concen: 19.002 ug/l
RT: 11.110 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

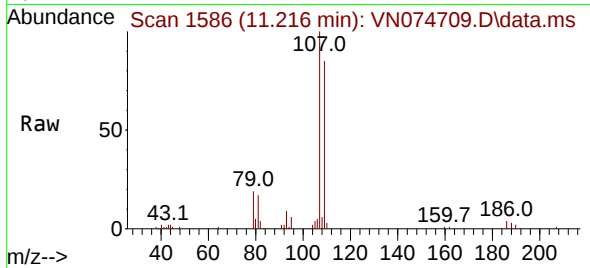
Tgt Ion:129 Resp: 85309
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.091 ug/l
RT: 11.216 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

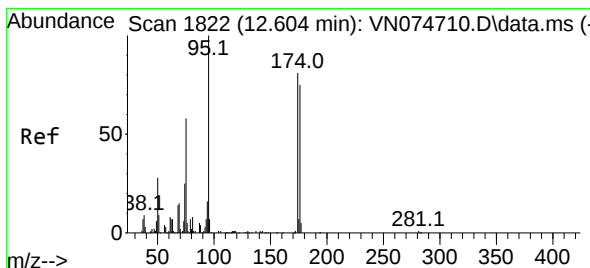
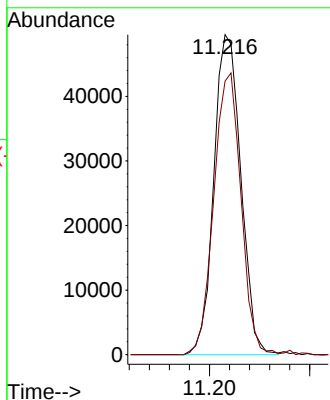
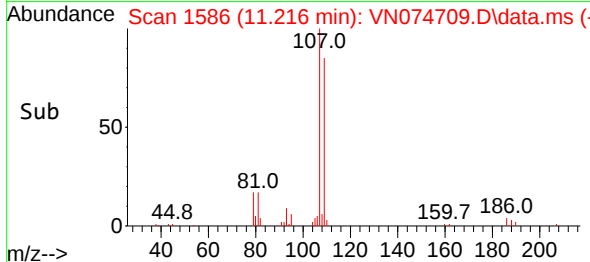
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



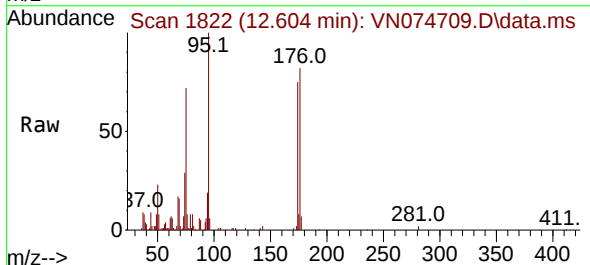
Tgt Ion:107 Resp: 92643
Ion Ratio Lower Upper
107 100
109 88.5 75.0 112.6

Manual Integrations
APPROVED

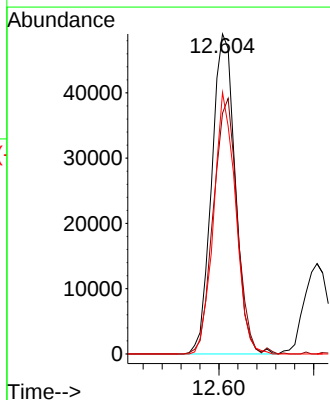
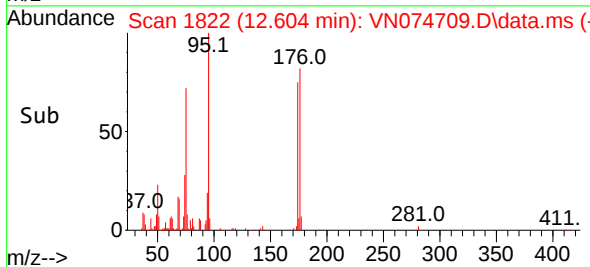
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

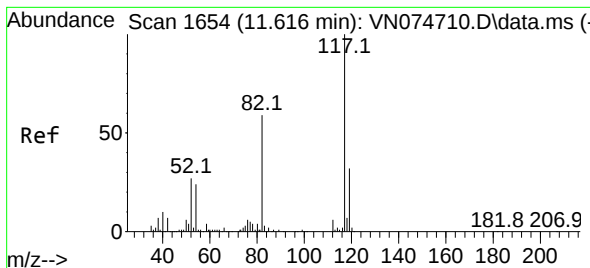


#62
4-Bromofluorobenzene
Concen: 17.452 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



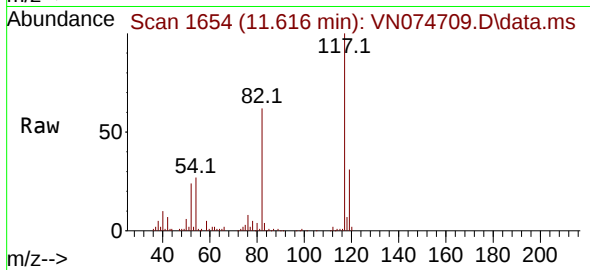
Tgt Ion: 95 Resp: 84613
Ion Ratio Lower Upper
95 100
174 80.5 0.0 167.6
176 76.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

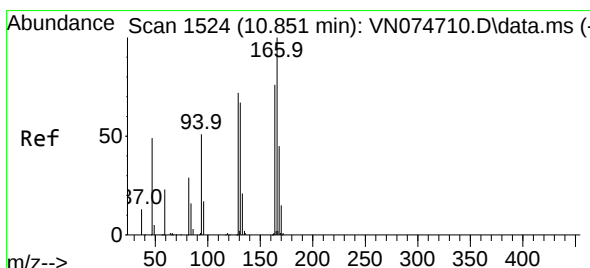
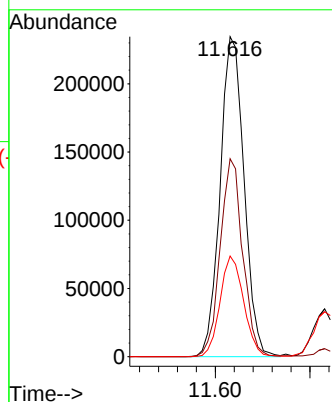
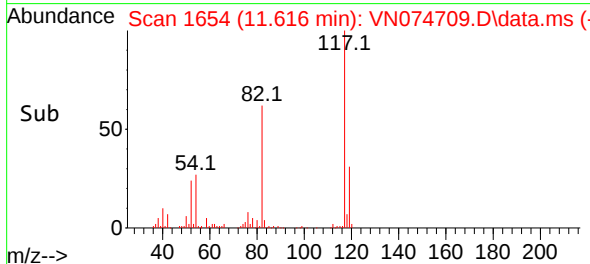
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



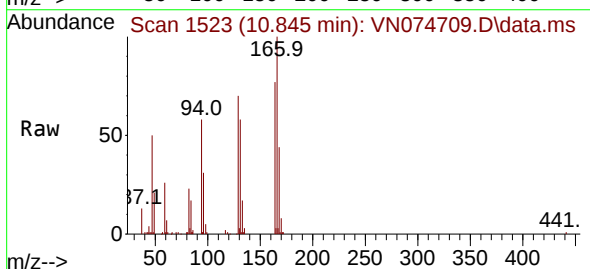
Tgt Ion:117 Resp: 41168
Ion Ratio Lower Upper
117 100
82 61.8 44.2 66.2
119 31.4 25.4 38.0

Manual Integrations
APPROVED

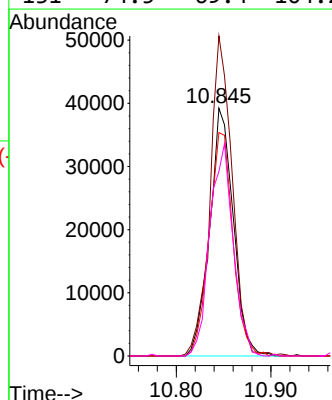
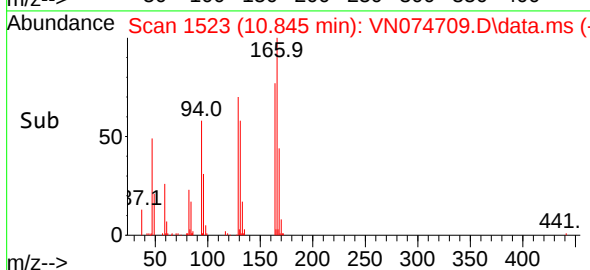
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

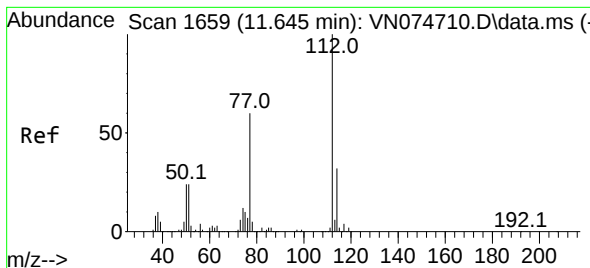


#64
Tetrachloroethene
Concen: 20.251 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



Tgt Ion:164 Resp: 68017
Ion Ratio Lower Upper
164 100
166 129.2 104.2 156.2
129 90.2 73.9 110.9
131 74.5 69.4 104.2





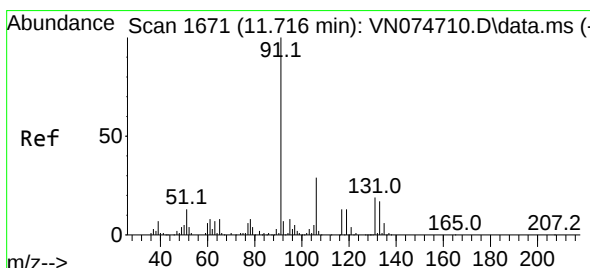
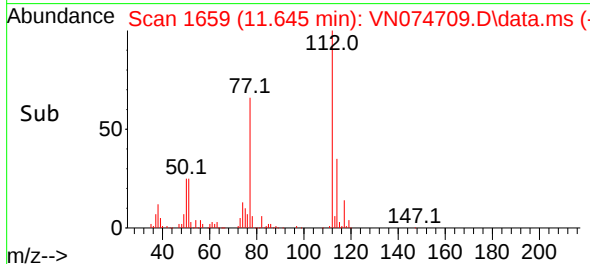
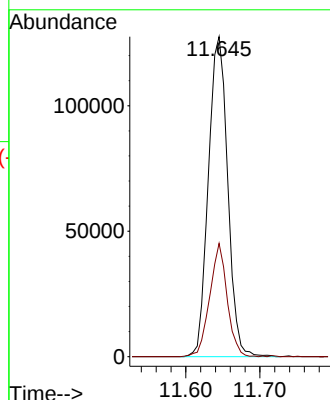
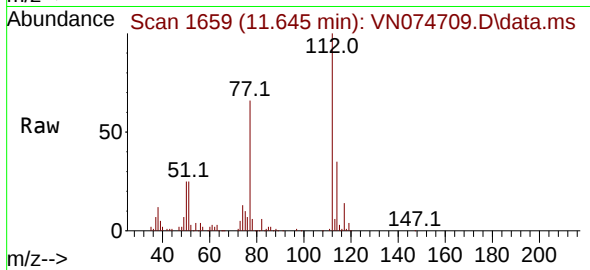
#65
Chlorobenzene
Concen: 18.467 ug/l
RT: 11.645 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 230839
Ion Ratio Lower Upper
112 100
114 35.4 25.4 38.2

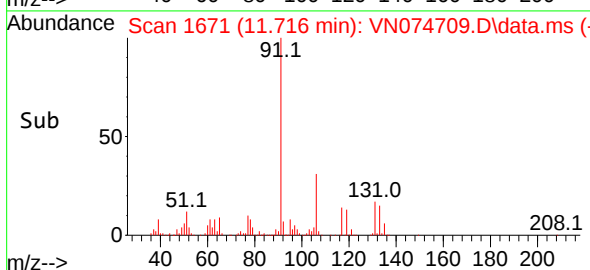
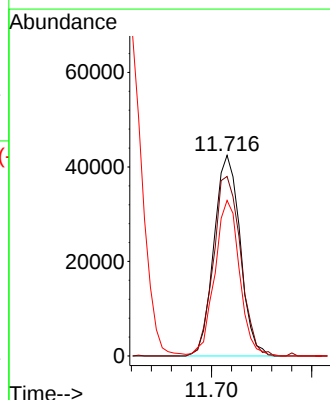
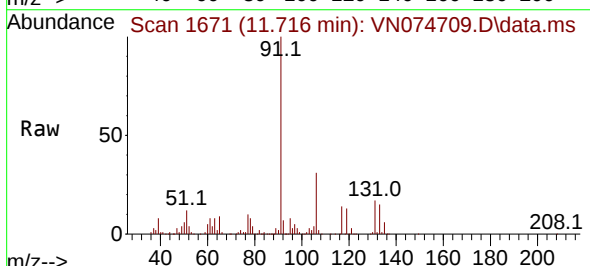
Manual Integrations
APPROVED

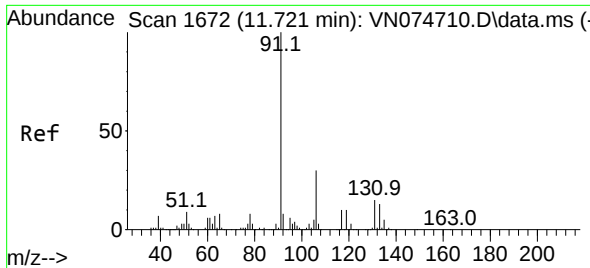
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.632 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion:131 Resp: 76841
Ion Ratio Lower Upper
131 100
133 93.0 47.8 143.4
119 73.7 33.4 100.2





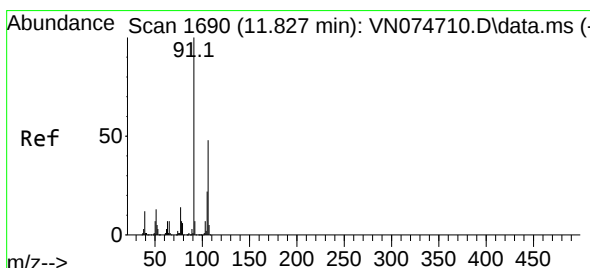
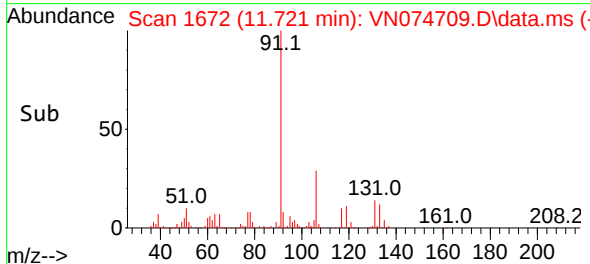
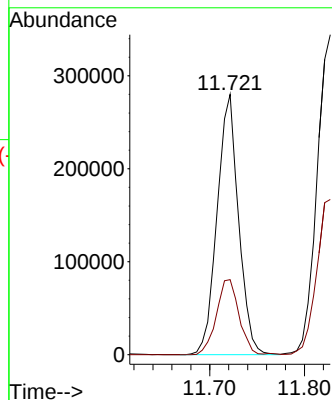
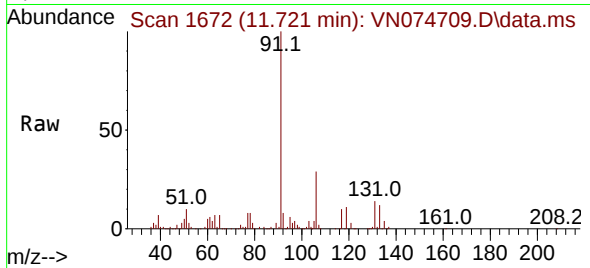
#67
Ethyl Benzene
Concen: 18.913 ug/l
RT: 11.721 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 440588
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3

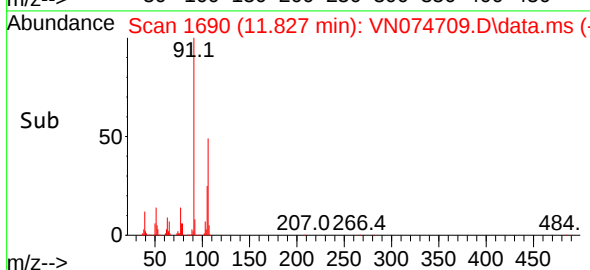
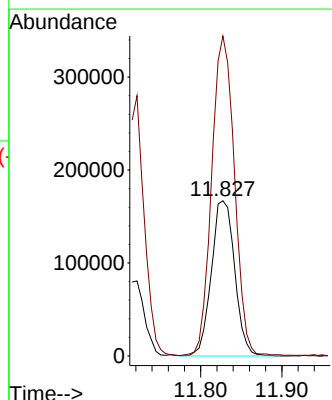
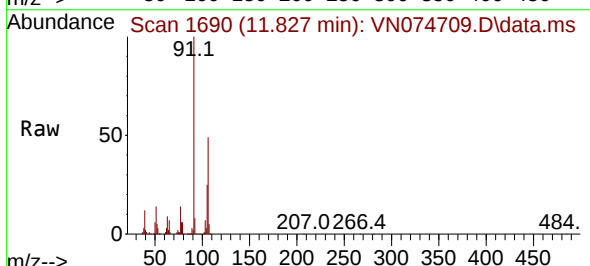
Manual Integrations
APPROVED

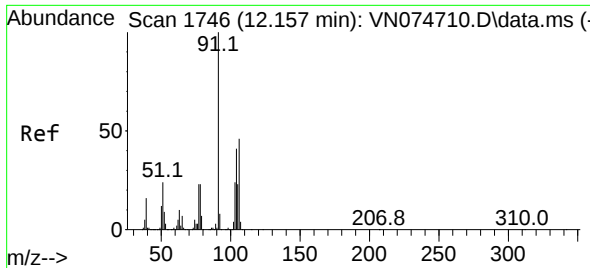
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#68
m/p-Xylenes
Concen: 38.404 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion:106 Resp: 333410
Ion Ratio Lower Upper
106 100
91 201.1 158.9 238.3





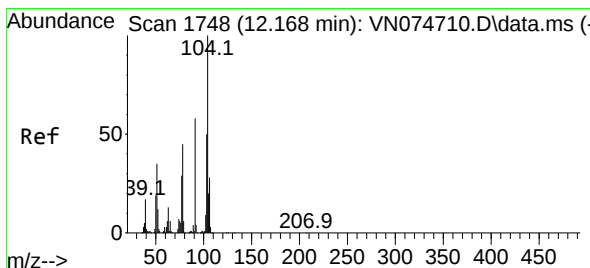
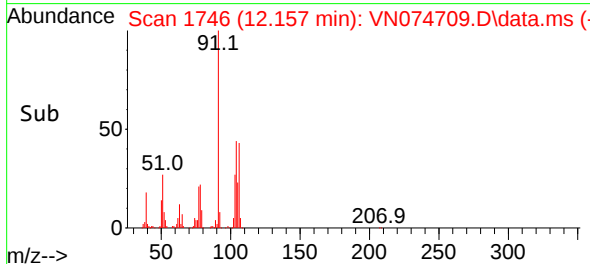
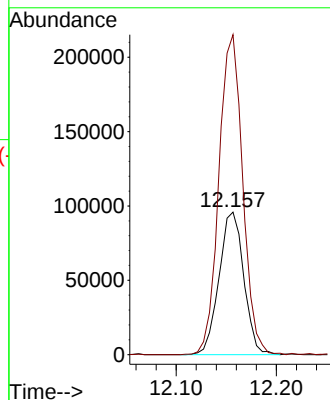
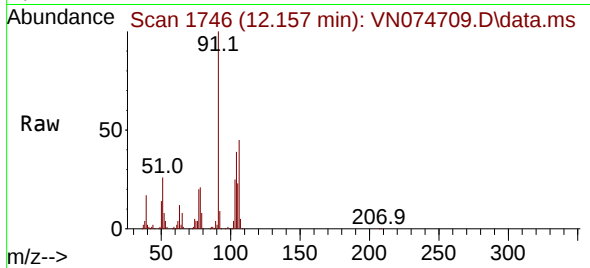
#69
o-Xylene
Concen: 18.811 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 163904
Ion Ratio Lower Upper
106 100
91 216.0 106.0 318.0

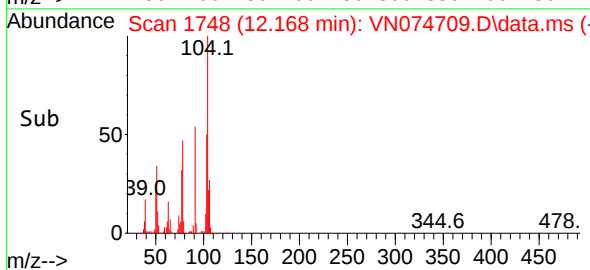
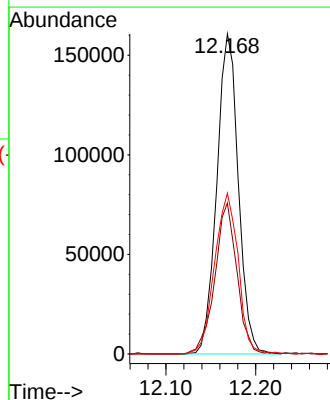
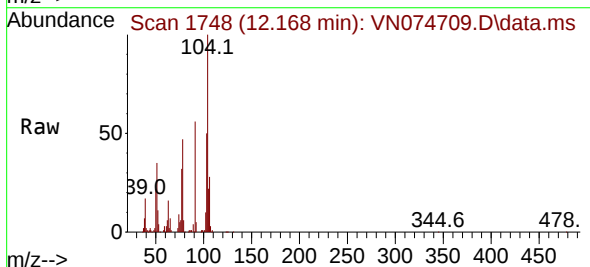
Manual Integrations
APPROVED

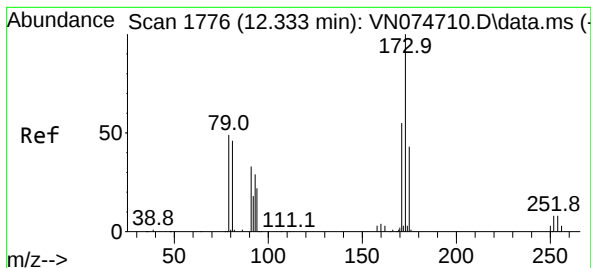
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
Styrene
Concen: 19.250 ug/l
RT: 12.168 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion:104 Resp: 267735
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 55.0 44.0 66.0





#71

Bromoform

Concen: 18.496 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

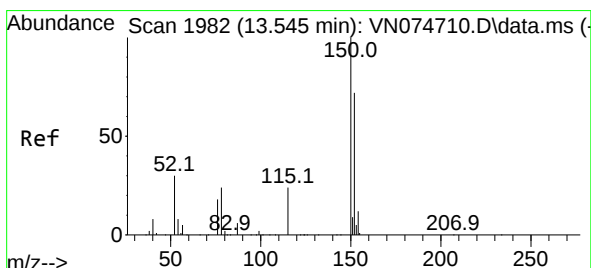
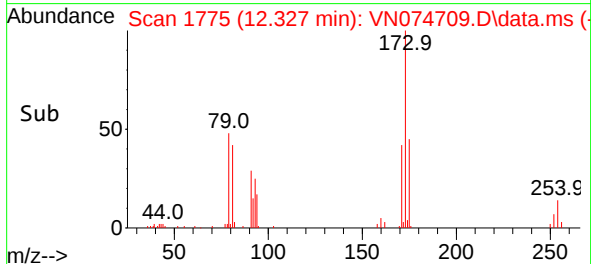
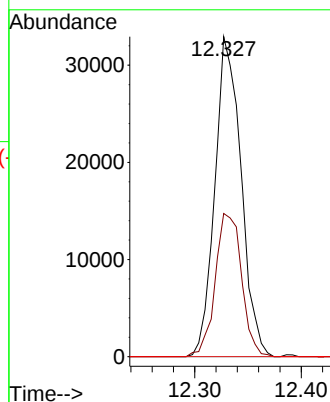
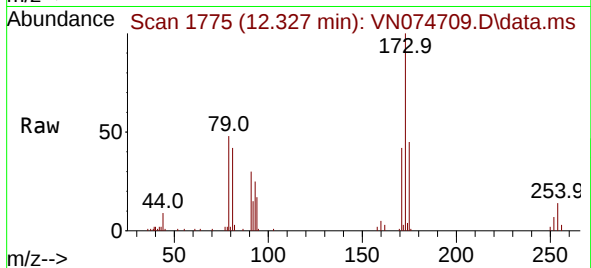
Tgt Ion:173 Resp: 5613
 Ion Ratio Lower Upper
 173 100
 175 45.1 24.6 73.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/05/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

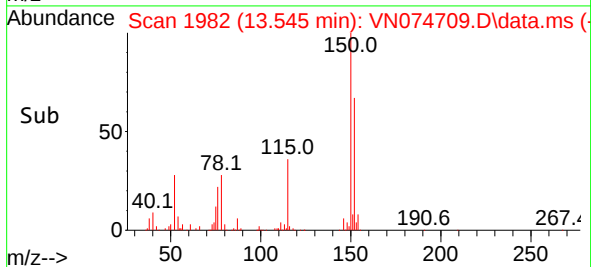
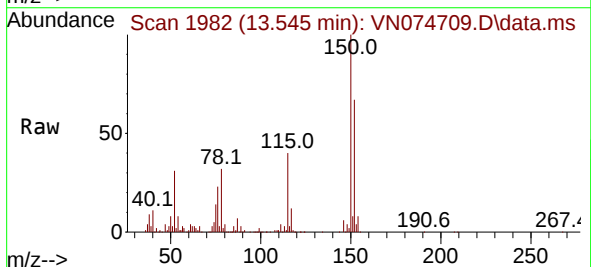
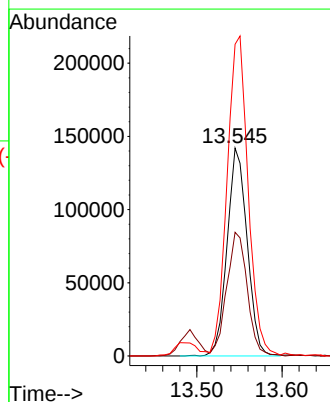
RT: 13.545 min Scan# 1982

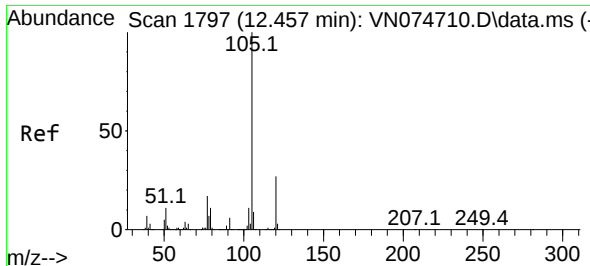
Delta R.T. -0.000 min

Lab File: VN074709.D

Acq: 03 Oct 2022 14:49

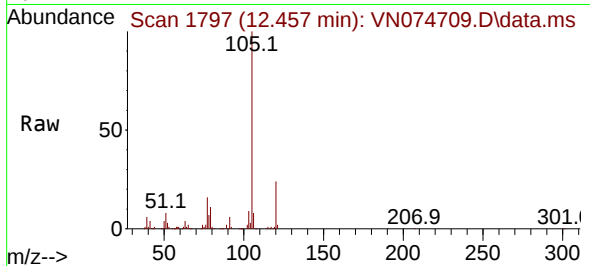
Tgt Ion:152 Resp: 232006
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.9 86.7
 150 161.6 0.0 356.2





#73
Isopropylbenzene
Concen: 20.072 ug/l
RT: 12.457 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

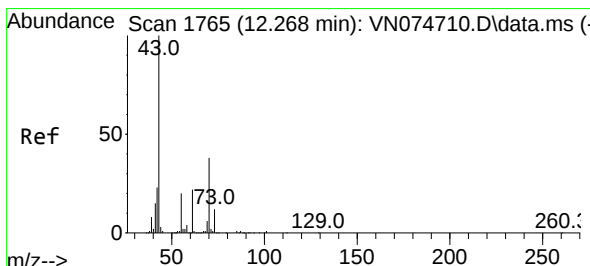
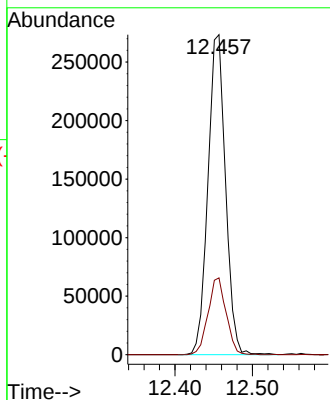
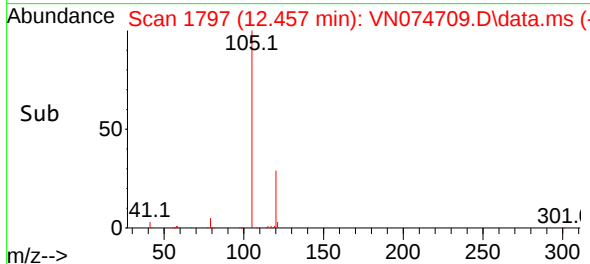
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



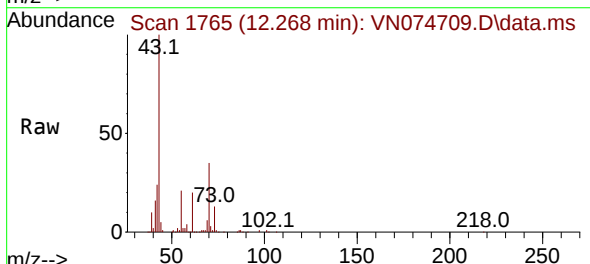
Tgt Ion:105 Resp: 430262
Ion Ratio Lower Upper
105 100
120 24.6 13.5 40.4

Manual Integrations
APPROVED

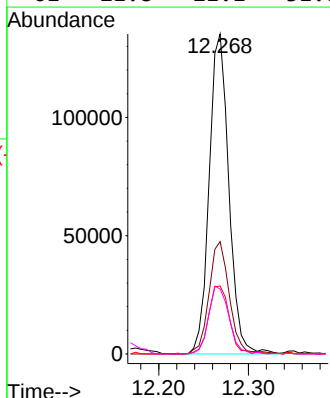
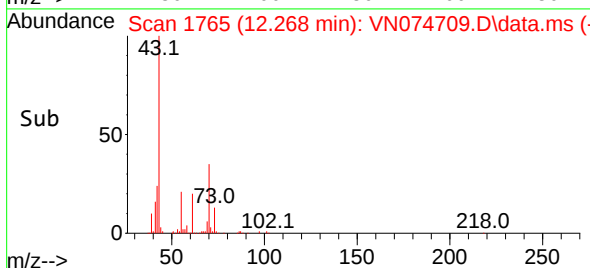
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

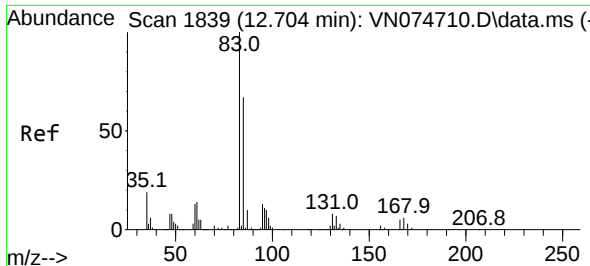


#74
N-ethyl acetate
Concen: 19.442 ug/l
RT: 12.268 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



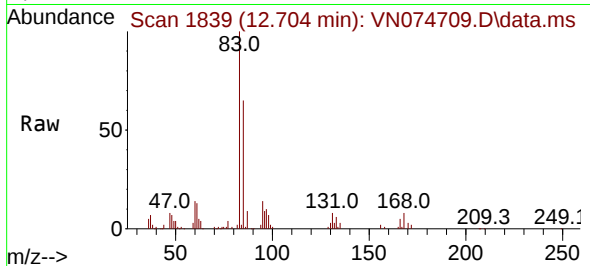
Tgt Ion: 43 Resp: 206013
Ion Ratio Lower Upper
43 100
70 36.4 39.0 58.4#
55 22.5 21.1 31.7
61 21.8 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.808 ug/l
RT: 12.704 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

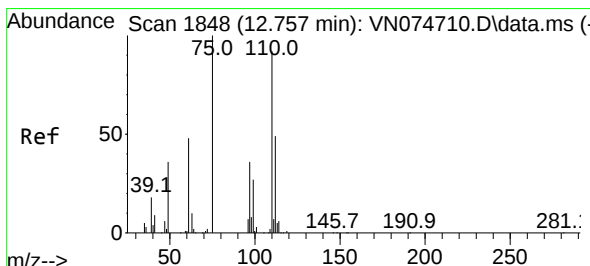
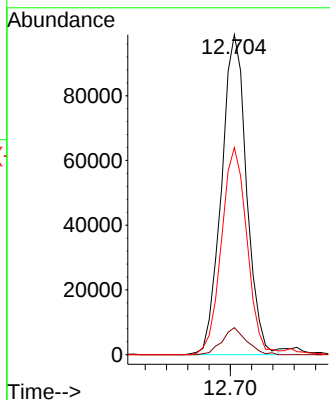
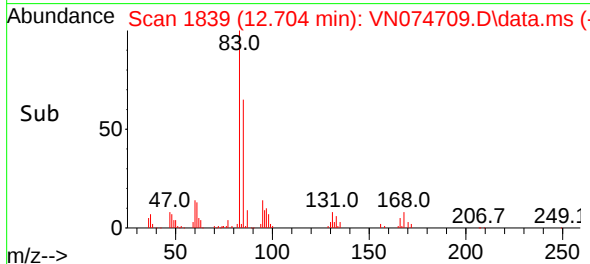
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



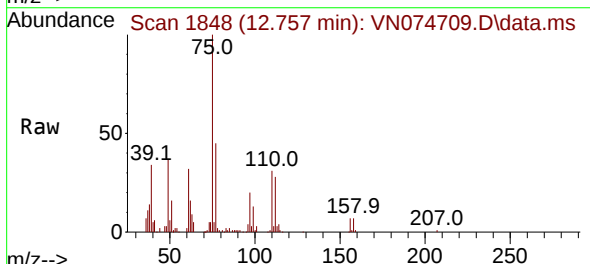
Tgt Ion: 83 Resp: 16194
Ion Ratio Lower Upper
83 100
131 8.2 5.3 15.9
85 65.7 32.3 96.9

Manual Integrations
APPROVED

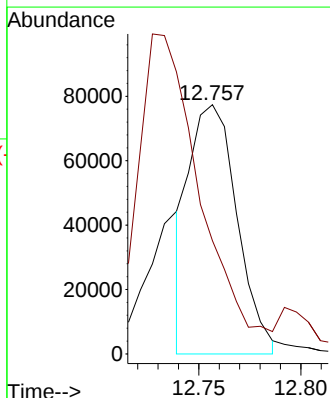
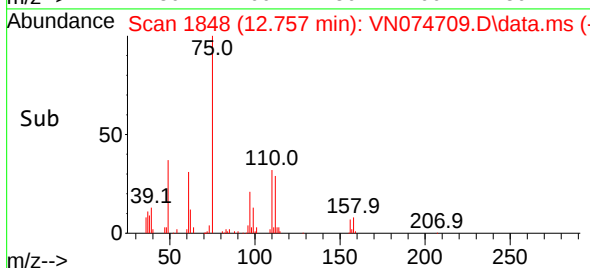
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

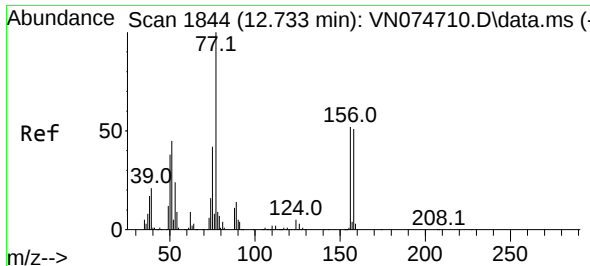


#76
1,2,3-Trichloropropane
Concen: 19.689 ug/l m
RT: 12.757 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



Tgt Ion: 75 Resp: 126343
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





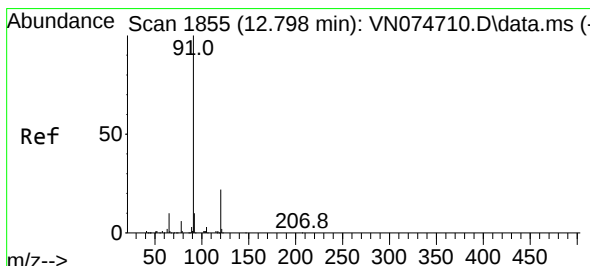
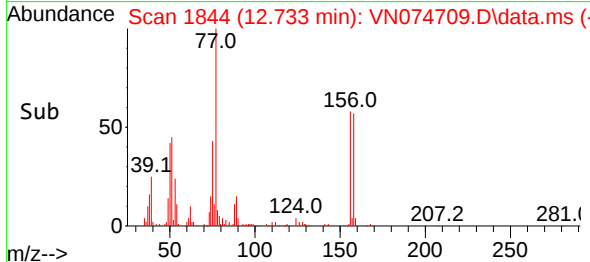
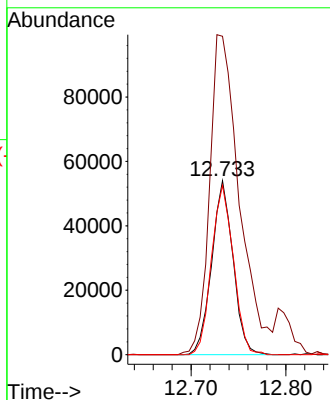
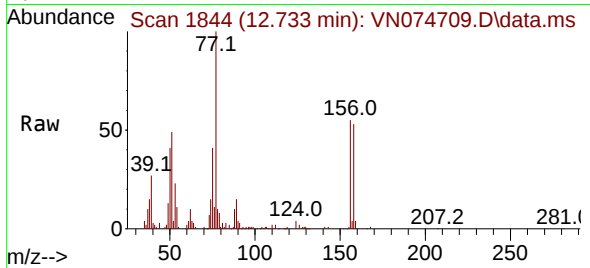
#77
Bromobenzene
Concen: 18.472 ug/l
RT: 12.733 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 8464
Ion Ratio Lower Upper
156 100
77 255.9 100.5 301.5
158 99.7 48.9 146.6

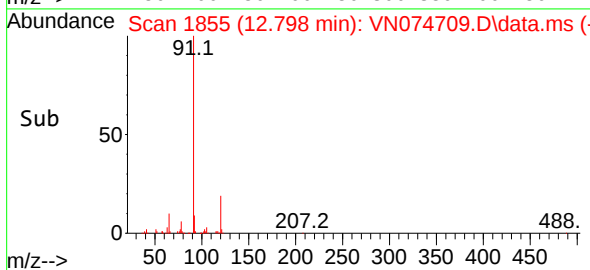
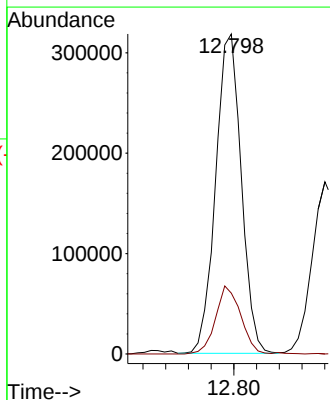
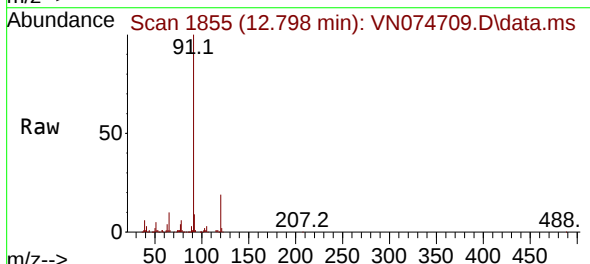
Manual Integrations
APPROVED

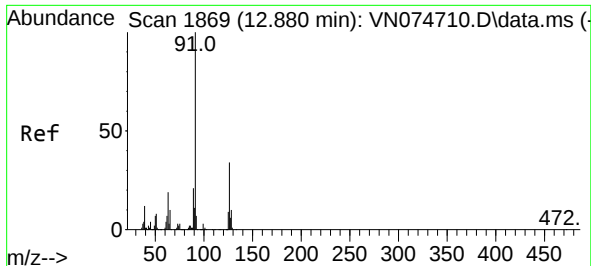
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#78
n-propylbenzene
Concen: 20.284 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

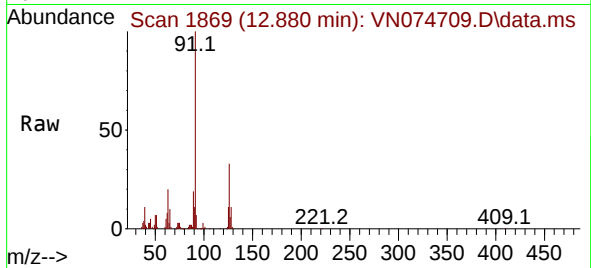
Tgt Ion: 91 Resp: 497813
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.404 ug/l
RT: 12.880 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

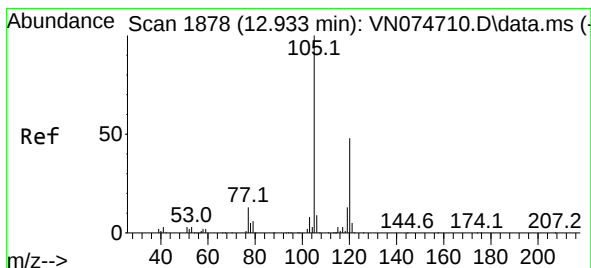
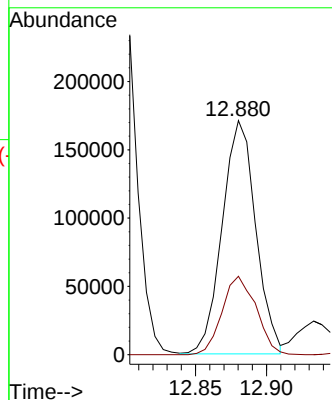
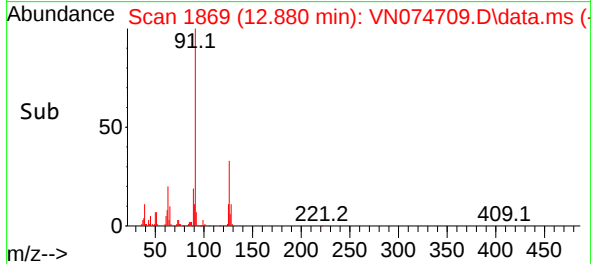
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



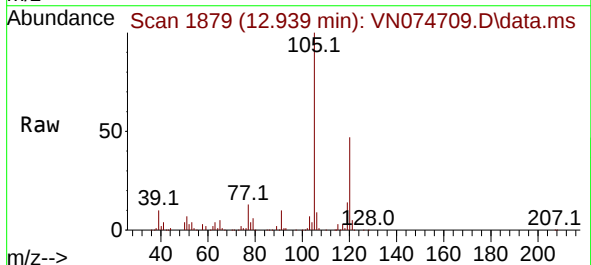
Tgt Ion: 91 Resp: 280608
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.9

Manual Integrations
APPROVED

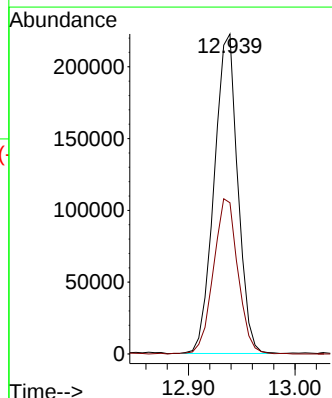
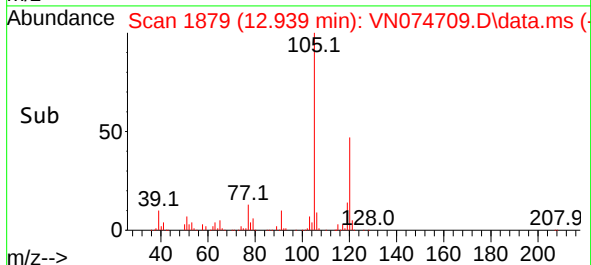
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

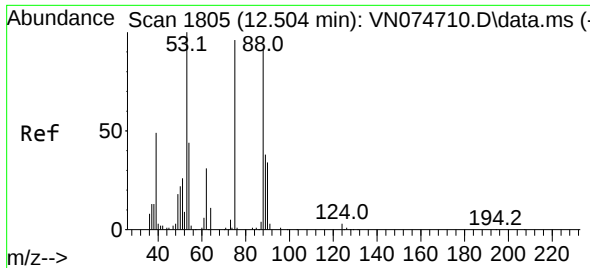


#80
1,3,5-Trimethylbenzene
Concen: 19.997 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



Tgt Ion:105 Resp: 342177
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.7





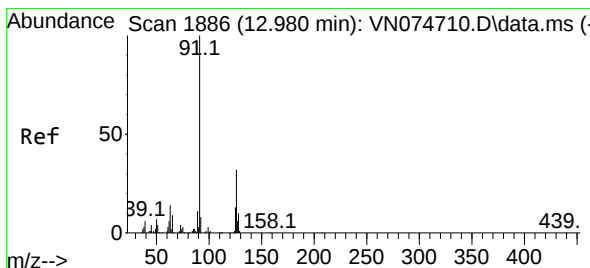
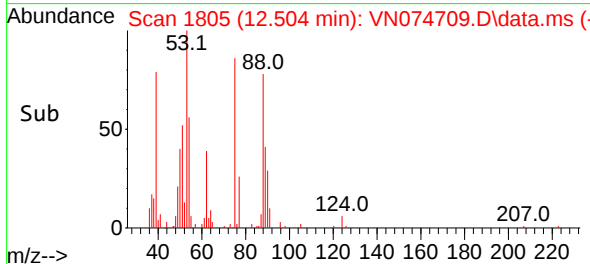
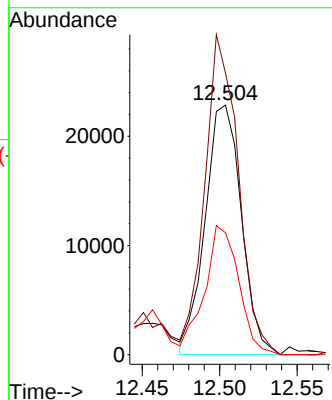
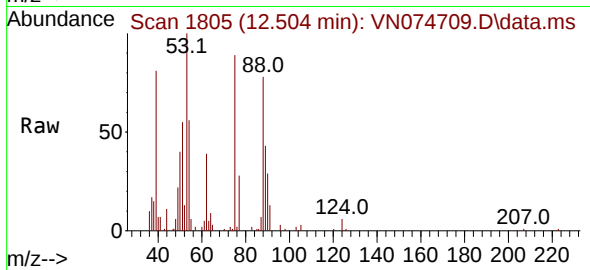
#81
trans-1,4-Dichloro-2-butene
Concen: 18.509 ug/l
RT: 12.504 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 37170
Ion Ratio Lower Upper
75 100
53 118.1 78.0 117.0
89 48.8 37.2 55.8

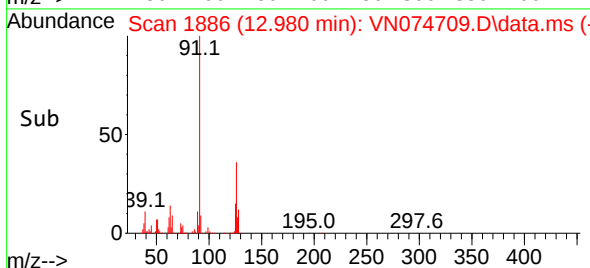
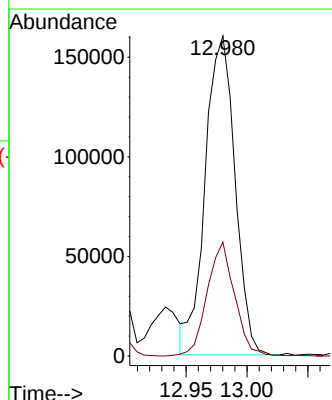
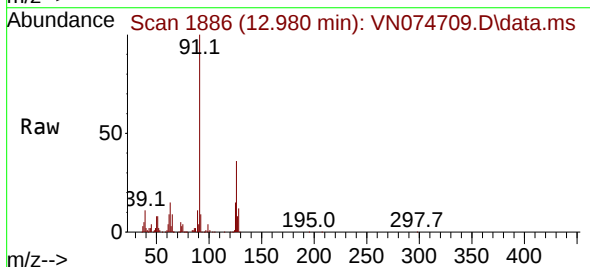
Manual Integrations
APPROVED

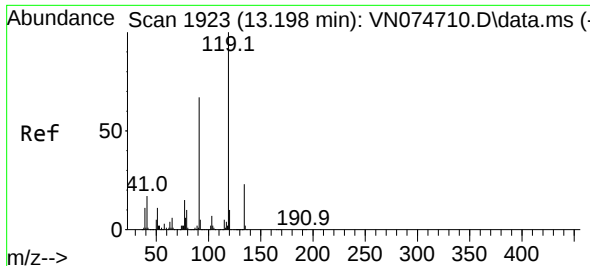
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 19.481 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

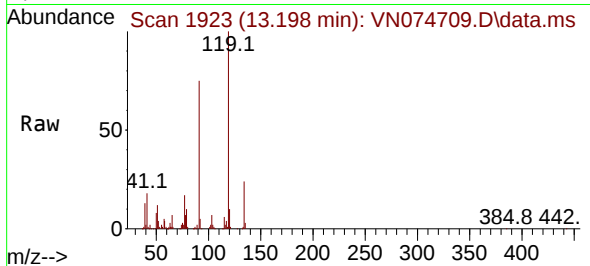
Tgt Ion: 91 Resp: 272471
Ion Ratio Lower Upper
91 100
126 32.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.429 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

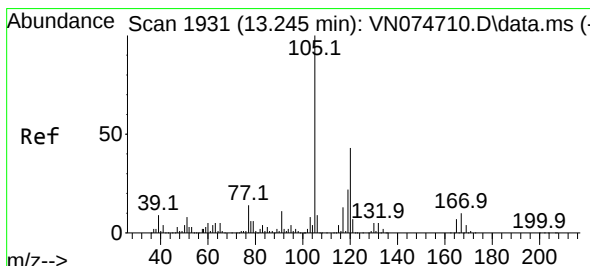
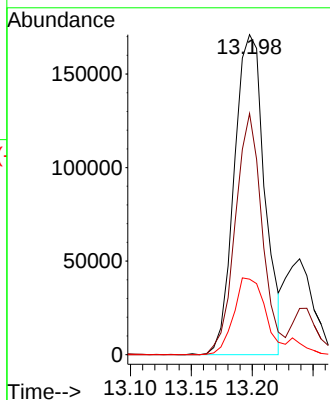
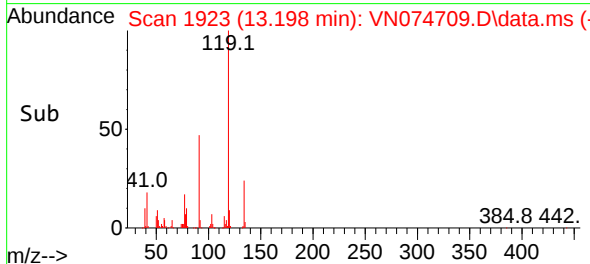
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



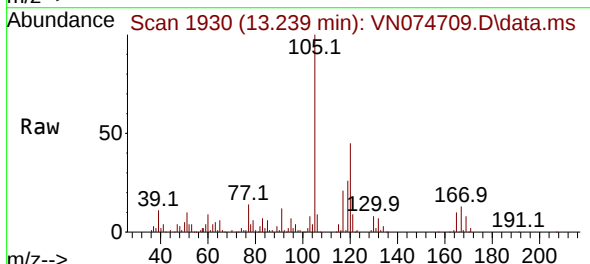
Tgt Ion:119 Resp: 29744
Ion Ratio Lower Upper
119 100
91 67.3 31.6 94.8
134 25.2 13.7 41.1

Manual Integrations
APPROVED

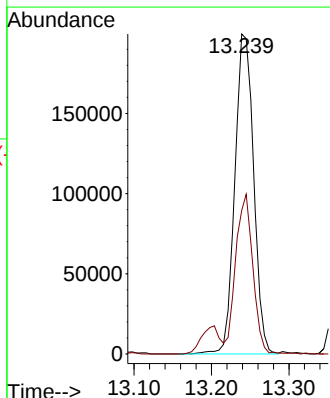
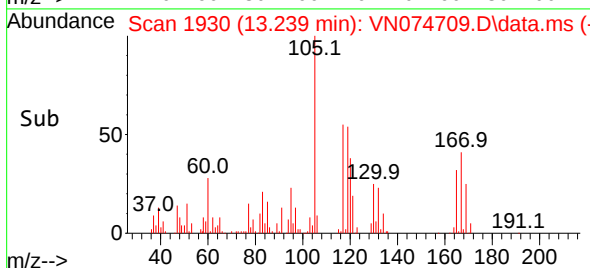
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

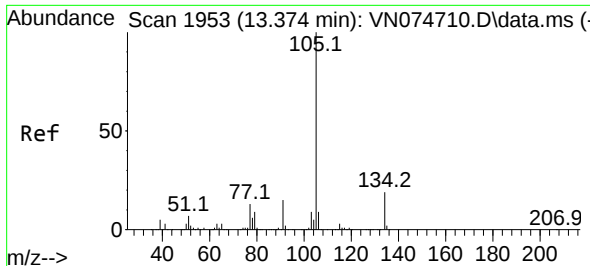


#84
1,2,4-Trimethylbenzene
Concen: 20.469 ug/l
RT: 13.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



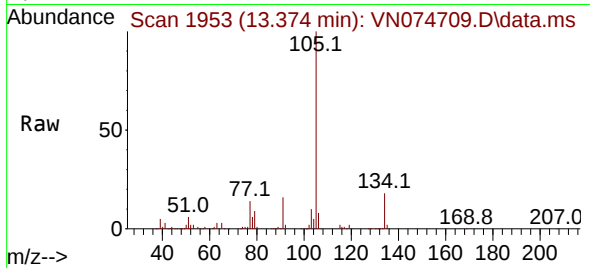
Tgt Ion:105 Resp: 337332
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.787 ug/l
 RT: 13.374 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN074709.D
 Acq: 03 Oct 2022 14:49

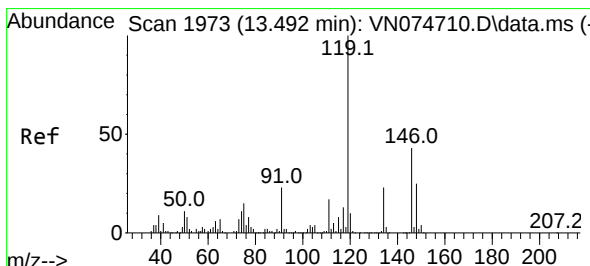
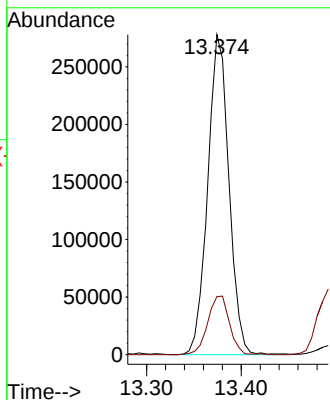
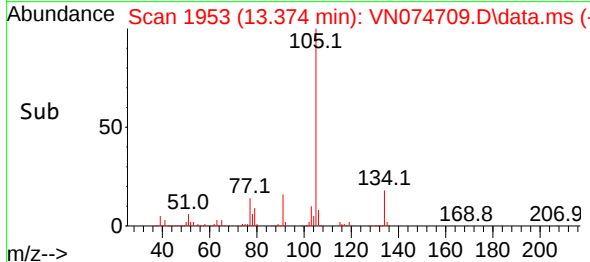
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



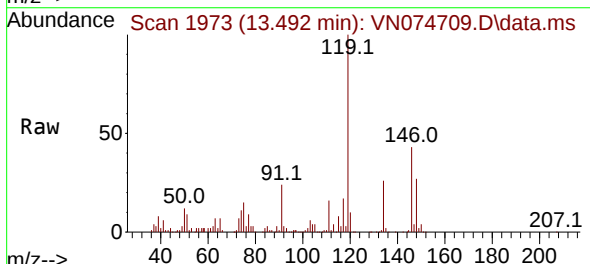
Tgt Ion:105 Resp: 431894
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.1

Manual Integrations
 APPROVED

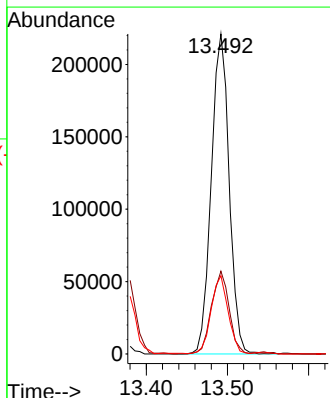
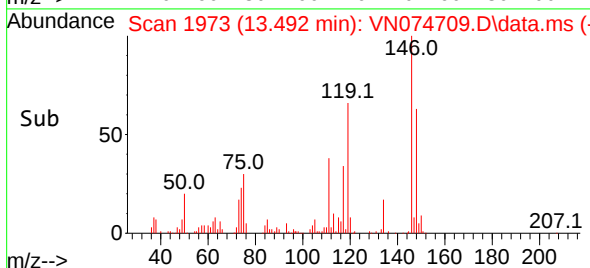
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/05/2022

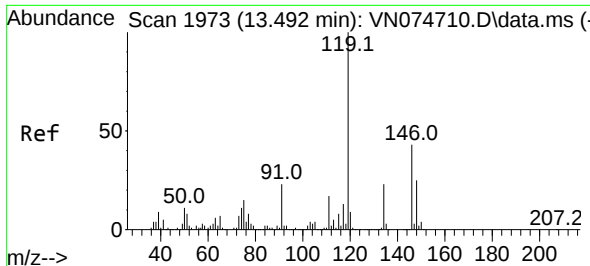


#86
 p-Isopropyltoluene
 Concen: 20.270 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VN074709.D
 Acq: 03 Oct 2022 14:49



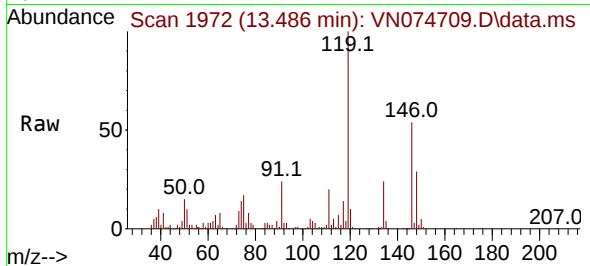
Tgt Ion:119 Resp: 339168
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 23.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 18.981 ug/l
RT: 13.486 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

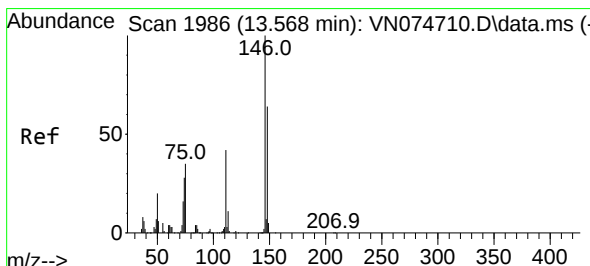
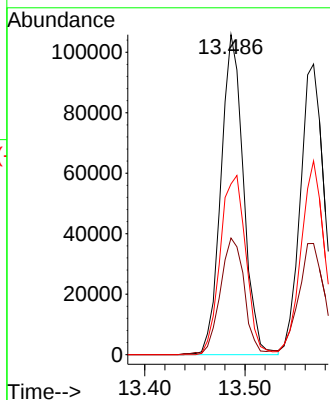
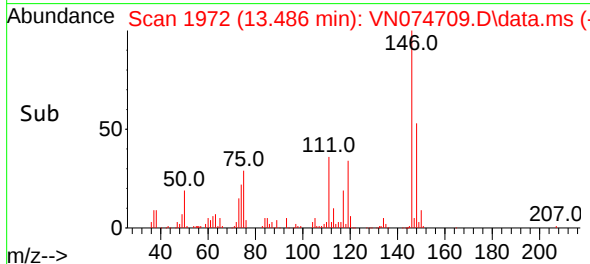
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 165280
Ion Ratio Lower Upper
146 100
111 38.9 20.0 60.0
148 63.5 32.0 96.0

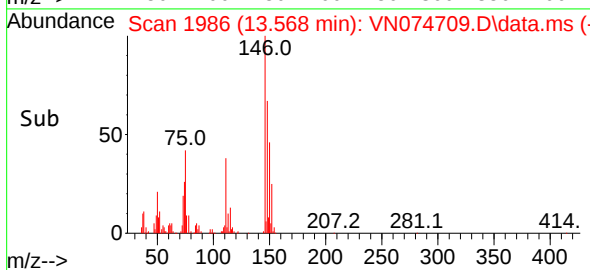
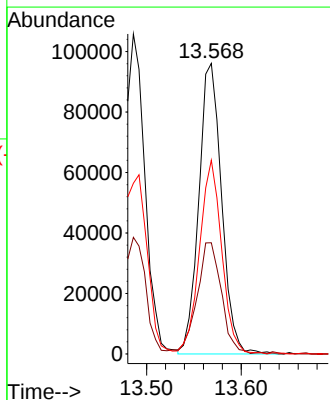
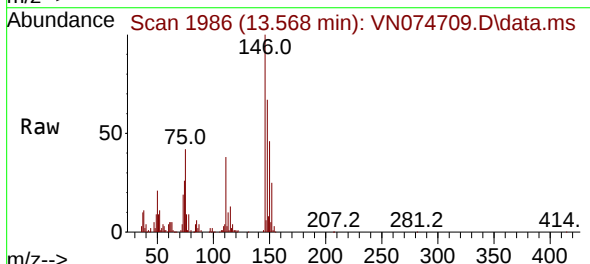
Manual Integrations
APPROVED

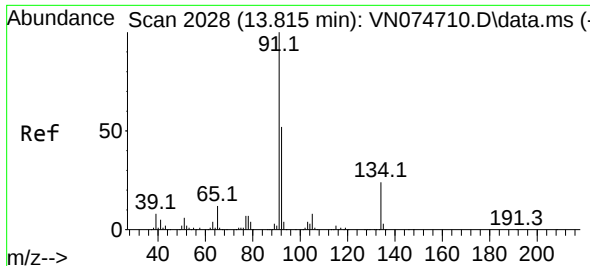
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#88
1,4-Dichlorobenzene
Concen: 18.845 ug/l
RT: 13.568 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Tgt Ion:146 Resp: 160781
Ion Ratio Lower Upper
146 100
111 40.3 19.1 57.1
148 65.3 31.4 94.3





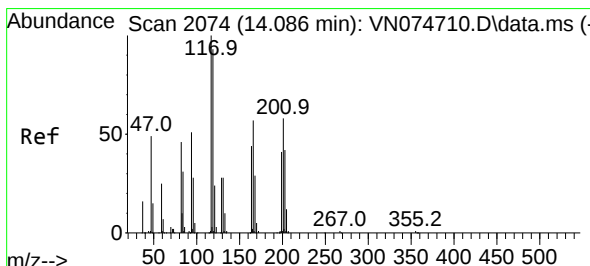
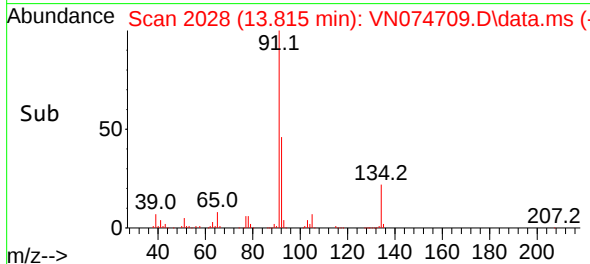
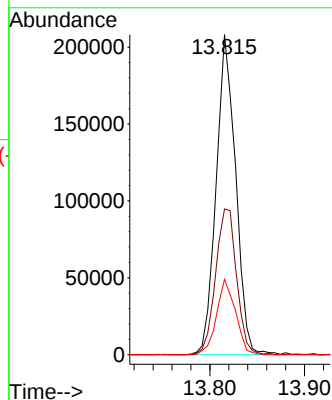
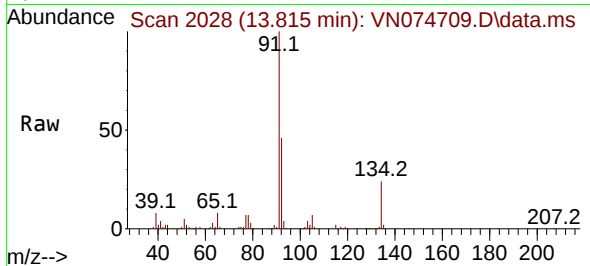
#89
n-Butylbenzene
Concen: 19.679 ug/l
RT: 13.815 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 29738
Ion Ratio Lower Upper
91 100
92 49.2 26.9 80.7
134 23.0 13.6 40.8

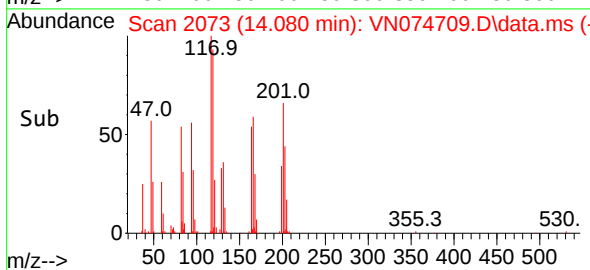
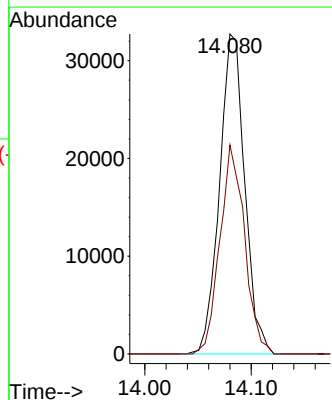
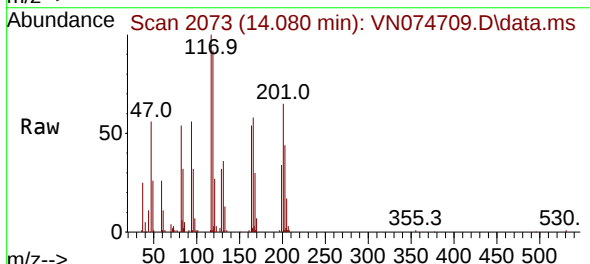
Manual Integrations
APPROVED

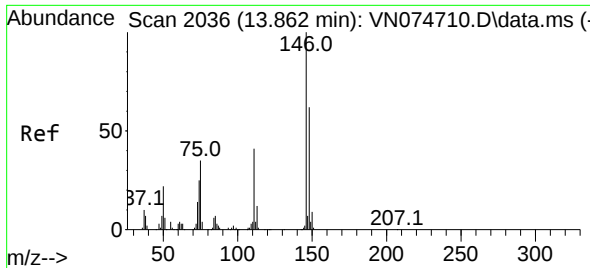
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 18.955 ug/l
RT: 14.080 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

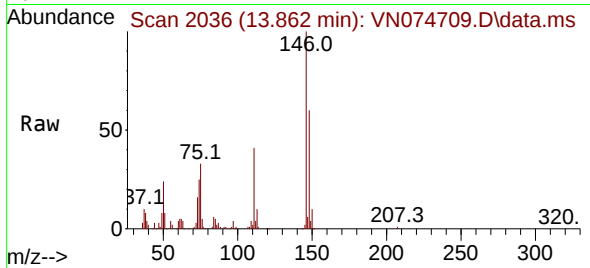
Tgt Ion:117 Resp: 53786
Ion Ratio Lower Upper
117 100
201 64.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.436 ug/l
RT: 13.862 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

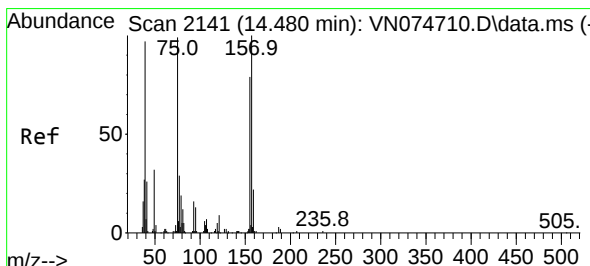
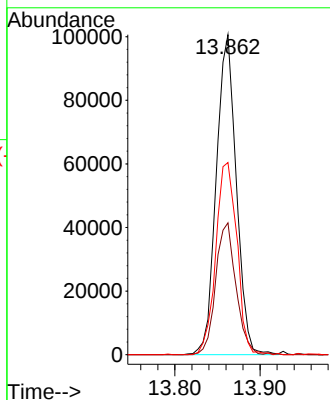
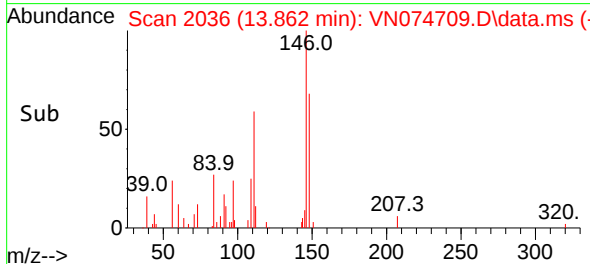
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 164632
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 63.4 32.1 96.3

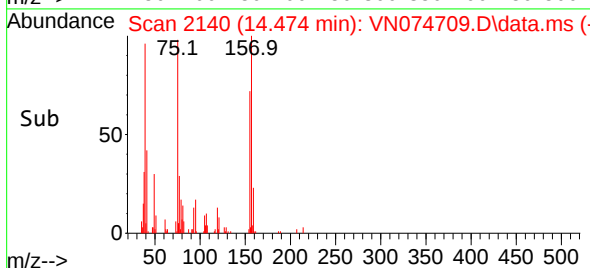
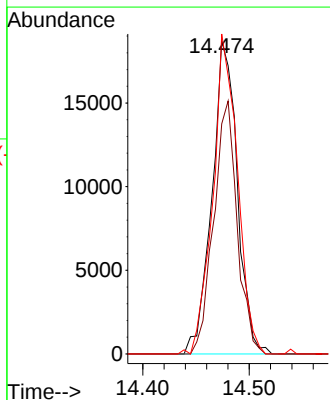
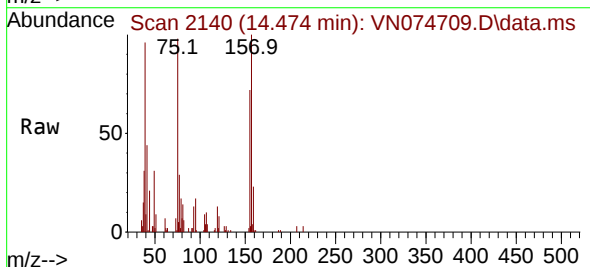
Manual Integrations
APPROVED

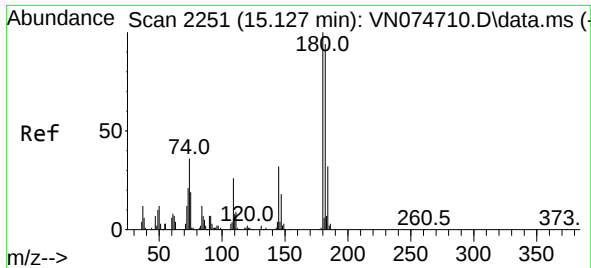
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.487 ug/l
RT: 14.474 min Scan# 2140
Delta R.T. -0.006 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

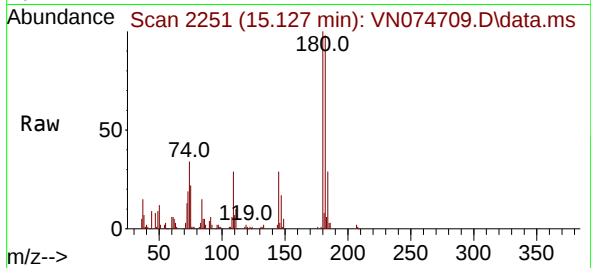
Tgt Ion: 75 Resp: 30833
Ion Ratio Lower Upper
75 100
155 75.0 44.9 134.5
157 99.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.217 ug/l
RT: 15.127 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

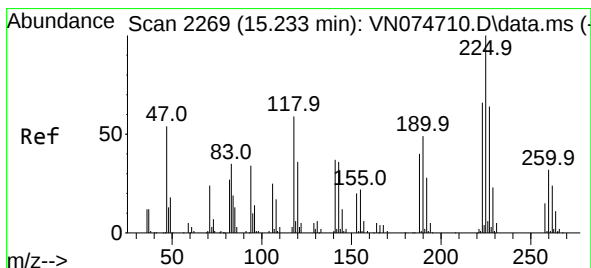
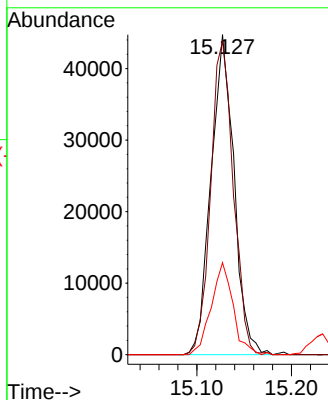
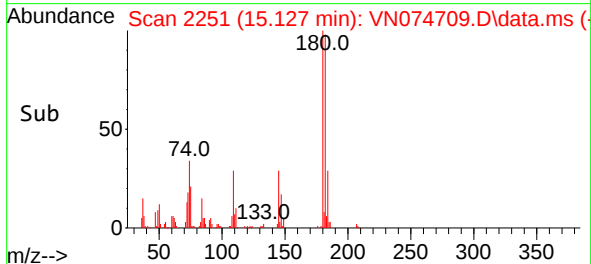
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



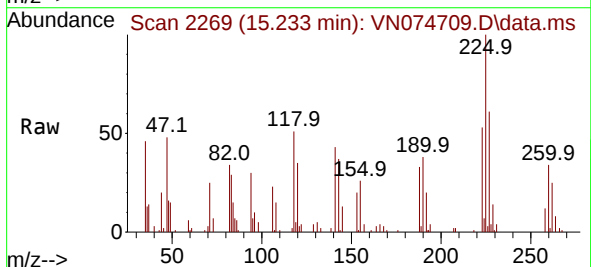
Tgt Ion:180 Resp: 75510
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 27.3 14.5 43.5

Manual Integrations
APPROVED

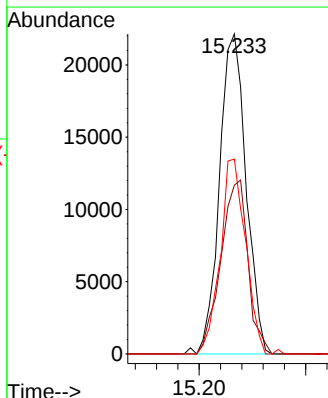
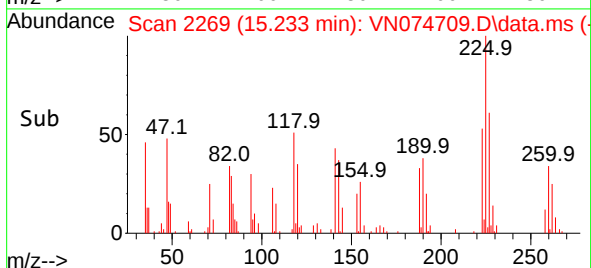
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

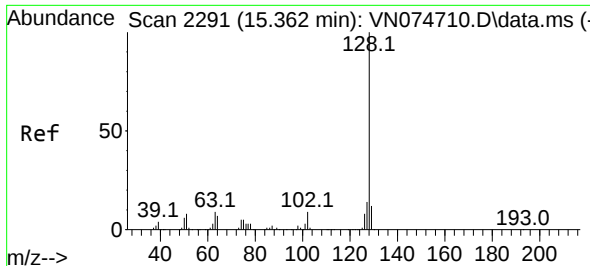


#94
Hexachlorobutadiene
Concen: 20.288 ug/l
RT: 15.233 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



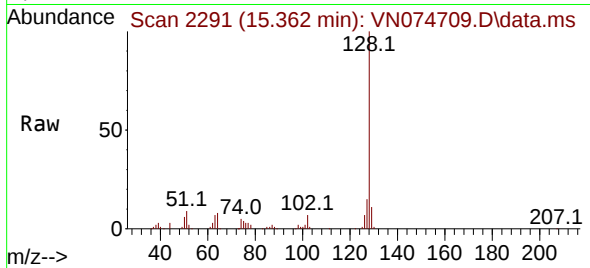
Tgt Ion:225 Resp: 38316
Ion Ratio Lower Upper
225 100
223 55.5 32.4 97.2
227 58.1 31.8 95.4





#95
Naphthalene
Concen: 21.586 ug/l
RT: 15.362 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49

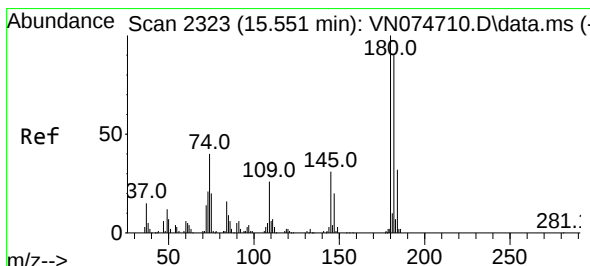
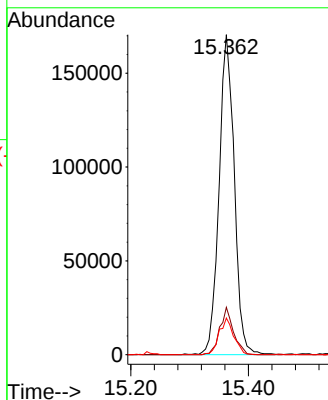
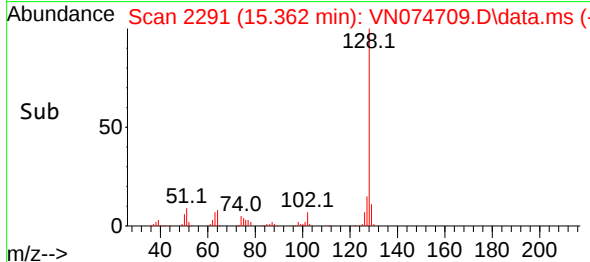
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



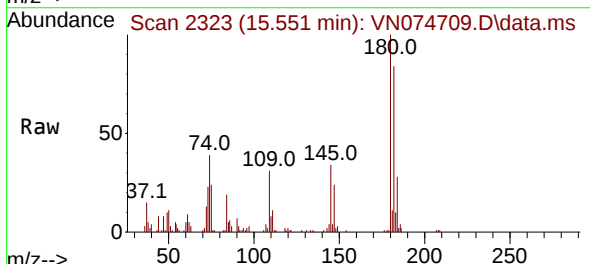
Tgt Ion:128 Resp: 30635
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.514 ug/l
RT: 15.551 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN074709.D
Acq: 03 Oct 2022 14:49



Tgt Ion:180 Resp: 76914
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 31.0 15.5 46.5

