

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110521\
 Data File : VW020762.D
 Acq On : 04 Nov 2021 14:51
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 04 15:43:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110521S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 04 15:39:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	114560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	167275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	150469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	78542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	128708	114.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 229.720%#	
35) Dibromofluoromethane	7.885	113	118417	108.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 217.680%#	
50) Toluene-d8	10.323	98	456804	118.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 236.140%#	
62) 4-Bromofluorobenzene	12.615	95	175097	126.346	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 252.700%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	30205	106.166	ug/l	91
3) Chloromethane	2.215	50	70418	100.716	ug/l	98
4) Vinyl Chloride	2.355	62	101078	79.718	ug/l	98
5) Bromomethane	2.764	94	59154	56.877	ug/l	87
6) Chloroethane	2.910	64	42431	79.761	ug/l	98
7) Trichlorofluoromethane	3.251	101	51595	112.560	ug/l	87
8) Diethyl Ether	3.684	74	51251	114.131	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.056	101	101554	97.192	ug/l	98
10) Methyl Iodide	4.269	142	139039	102.947	ug/l	97
11) Tert butyl alcohol	5.172	59	37610	783.336	ug/l #	93
12) 1,1-Dichloroethene	4.038	96	101513	103.556	ug/l #	80
13) Acrolein	3.898	56	10010	593.269	ug/l	90
14) Allyl chloride	4.666	41	174031	185.716	ug/l #	80
15) Acrylonitrile	5.367	53	122926	703.133	ug/l	96
16) Acetone	4.123	43	141273	812.749	ug/l	92
17) Carbon Disulfide	4.385	76	279941	111.407	ug/l	97
18) Methyl Acetate	4.672	43	89018	152.101	ug/l #	79
19) Methyl tert-butyl Ether	5.422	73	148999	127.177	ug/l	93
20) Methylene Chloride	4.922	84	110355	80.378	ug/l #	74
21) trans-1,2-Dichloroethene	5.422	96	111980	103.578	ug/l #	82
22) Diisopropyl ether	6.312	45	348384	159.618	ug/l #	91
23) Vinyl Acetate	6.251	43	990692	833.155	ug/l #	86
24) 1,1-Dichloroethane	6.214	63	204970	119.106	ug/l	96
25) 2-Butanone	7.165	43	181347	824.132	ug/l #	80
26) 2,2-Dichloropropane	7.165	77	125493	119.646	ug/l	93
27) cis-1,2-Dichloroethene	7.171	96	124586	104.406	ug/l	82
28) Bromochloromethane	7.513	49	88595	125.995	ug/l #	68
29) Tetrahydrofuran	7.531	42	110103	847.212	ug/l #	69
30) Chloroform	7.677	83	208079	101.083	ug/l	98
31) Cyclohexane	7.952	56	199598	126.468	ug/l #	76
32) 1,1,1-Trichloroethane	7.872	97	173172	104.754	ug/l #	95
36) 1,1-Dichloropropene	8.080	75	163961	117.911	ug/l	95
37) Ethyl Acetate	7.251	43	76802	166.788	ug/l #	91
38) Carbon Tetrachloride	8.067	117	167847	113.352	ug/l	93
39) Methylcyclohexane	9.336	83	210452	124.240	ug/l #	83
40) Benzene	8.324	78	451414	113.069	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	44801	187.920	ug/l #	78
42) 1,2-Dichloroethane	8.403	62	140797	122.920	ug/l	95
43) Isopropyl Acetate	8.421	43	158898	176.785	ug/l #	85
44) Trichloroethene	9.092	130	126083	104.365	ug/l	93
45) 1,2-Dichloropropane	9.366	63	113620	128.556	ug/l	99
46) Dibromomethane	9.457	93	62797	106.244	ug/l	96
47) Bromodichloromethane	9.646	83	164547	116.916	ug/l	95
48) Methyl methacrylate	9.433	41	76078	183.468	ug/l #	72
49) 1,4-Dioxane	9.445	88	16947	2449.543	ug/l #	77
51) 4-Methyl-2-Pentanone	10.207	43	390474	841.605	ug/l	86
52) Toluene	10.390	92	294659	113.955	ug/l	91
53) t-1,3-Dichloropropene	10.604	75	171854	130.171	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	191037	126.330	ug/l #	80
55) 1,1,2-Trichloroethane	10.787	97	84687	105.010	ug/l	95
56) Ethyl methacrylate	10.646	69	123634	137.811	ug/l #	75
57) 1,3-Dichloropropane	10.933	76	150703	115.885	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	246932	636.626	ug/l	90
59) 2-Hexanone	10.969	43	287970	878.568	ug/l	83
60) Dibromochloromethane	11.128	129	111938	110.355	ug/l	100
61) 1,2-Dibromoethane	11.238	107	85537	107.062	ug/l	99
64) Tetrachloroethene	10.860	164	113762	112.816	ug/l	94
65) Chlorobenzene	11.658	112	316140	109.691	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	121637	113.737	ug/l	98
67) Ethyl Benzene	11.731	91	584092	119.169	ug/l	96
68) m/p-Xylenes	11.835	106	458238	232.968	ug/l	96
69) o-Xylene	12.164	106	221759	120.191	ug/l	97
70) Styrene	12.177	104	371645	120.278	ug/l	94
71) Bromoform	12.347	173	72626	120.155	ug/l #	98
73) Isopropylbenzene	12.463	105	590351	121.807	ug/l	99
74) N-amyl acetate	12.274	43	159679	190.410	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.713	83	101421	114.728	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	70140m	110.810	ug/l	
77) Bromobenzene	12.750	156	137580	114.475	ug/l	86
78) n-propylbenzene	12.804	91	711110	121.059	ug/l	99
79) 2-Chlorotoluene	12.890	91	409136	122.773	ug/l	95
80) 1,3,5-Trimethylbenzene	12.939	105	505676	121.500	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	37416	143.330	ug/l	88
82) 4-Chlorotoluene	12.987	91	426772	122.700	ug/l	98
83) tert-Butylbenzene	13.207	119	447125	123.150	ug/l	94
84) 1,2,4-Trimethylbenzene	13.249	105	492769	120.478	ug/l	100
85) sec-Butylbenzene	13.384	105	643095	117.121	ug/l	98
86) p-Isopropyltoluene	13.493	119	553343	120.036	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	267648	107.017	ug/l	94
88) 1,4-Dichlorobenzene	13.579	146	267471	106.966	ug/l	97
89) n-Butylbenzene	13.823	91	513610	118.694	ug/l	98
90) Hexachloroethane	14.091	117	110313	120.889	ug/l	93
91) 1,2-Dichlorobenzene	13.871	146	236670	106.267	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	18913	141.190	ug/l	84
93) 1,2,4-Trichlorobenzene	15.133	180	165033	116.637	ug/l	98
94) Hexachlorobutadiene	15.231	225	102952	128.142	ug/l	97
95) Naphthalene	15.365	128	302344	122.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	141397	116.743	ug/l	97

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QLast Update : Thu Nov 04 15:39:47 2021
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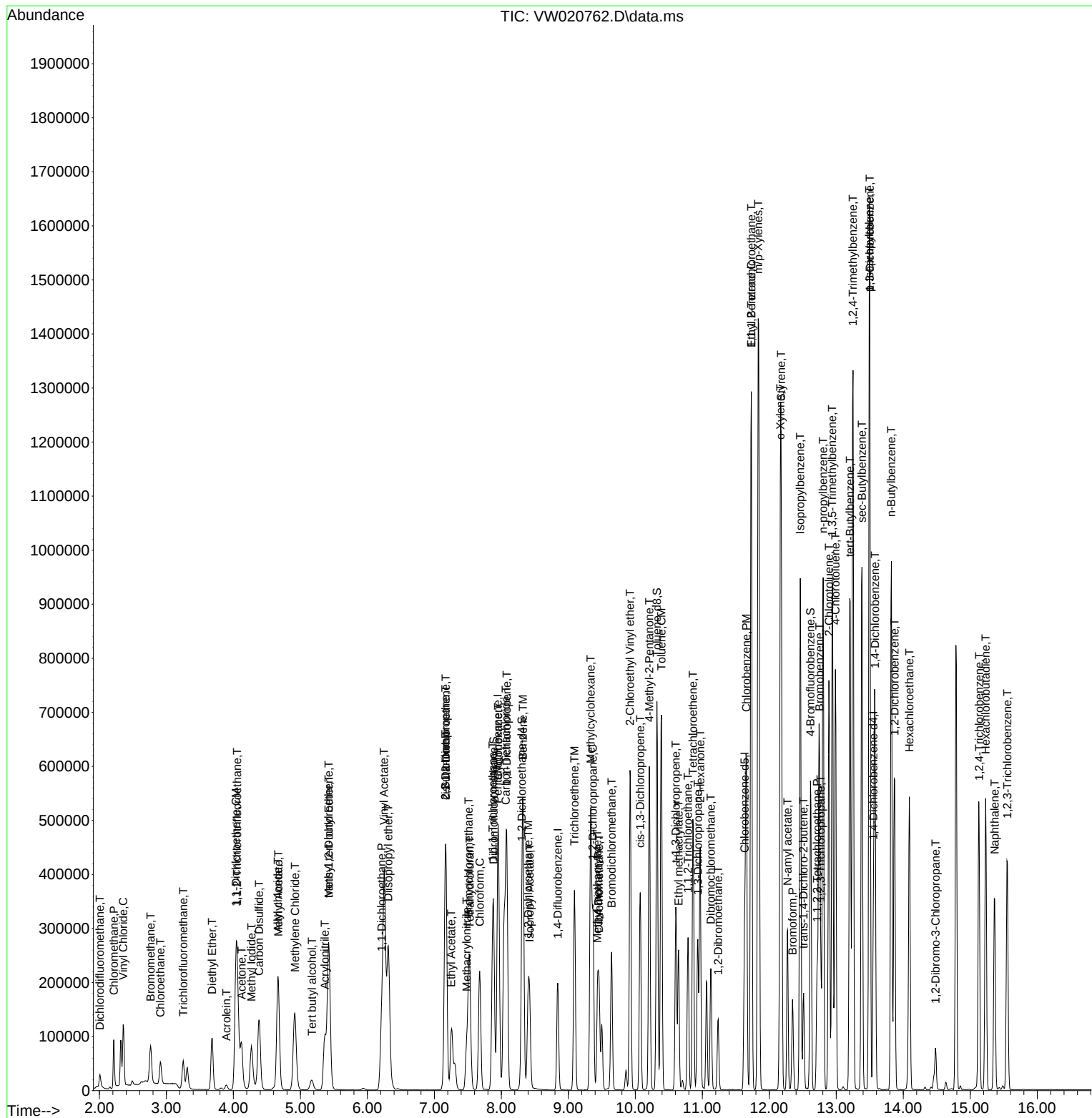
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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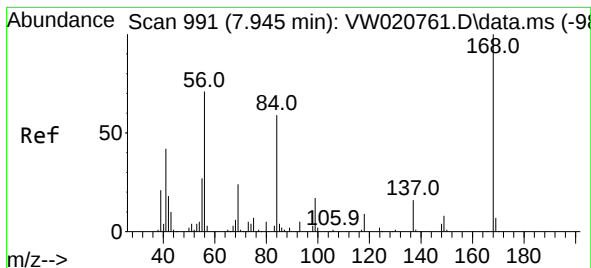
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 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.946 min Scan# 99

Delta R.T. 0.001 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

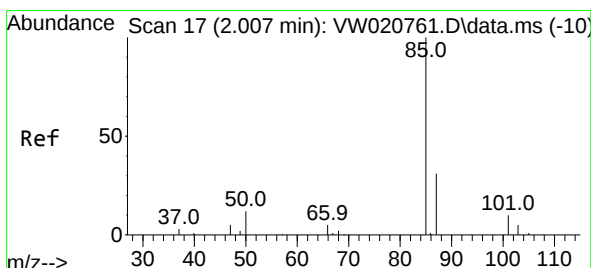
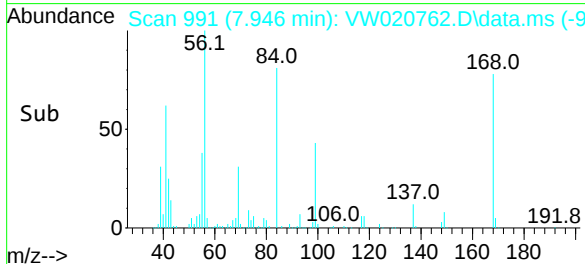
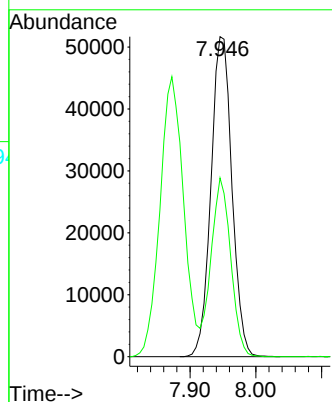
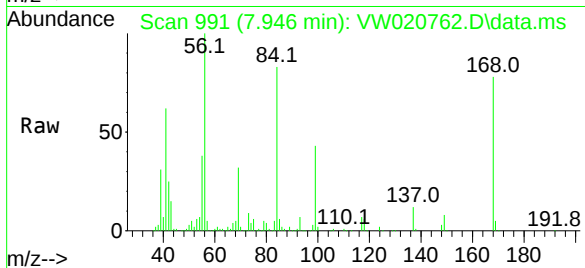
VSTDIC100

Tgt Ion:168 Resp: 114560

Ion Ratio Lower Upper

168 100

99 55.8 42.6 63.8



#2

Dichlorodifluoromethane

Concen: 106.166 ug/l

RT: 2.008 min Scan# 17

Delta R.T. 0.000 min

Lab File: VW020762.D

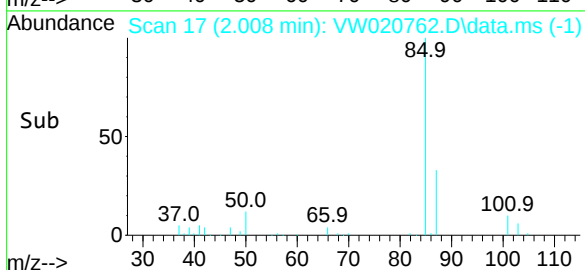
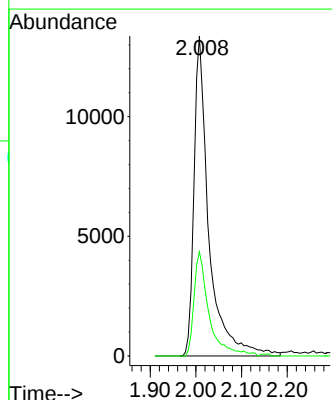
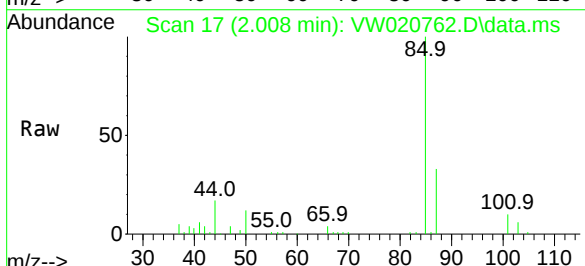
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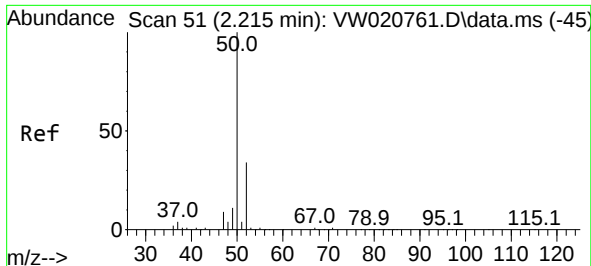
Tgt Ion: 85 Resp: 30205

Ion Ratio Lower Upper

85 100

87 32.6 19.1 57.5

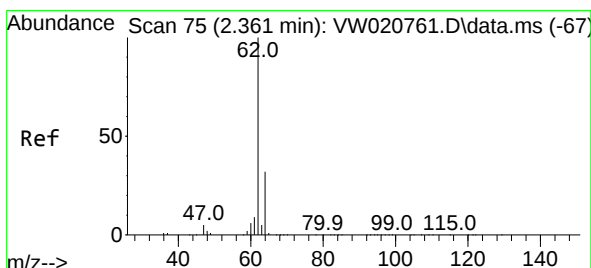
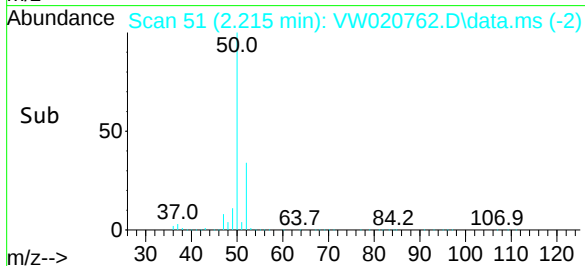
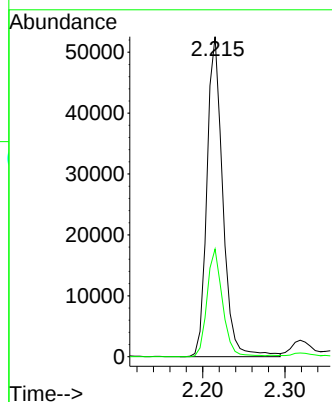
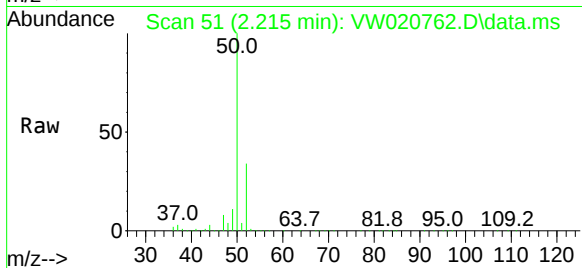




#3
Chloromethane
Concen: 100.716 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

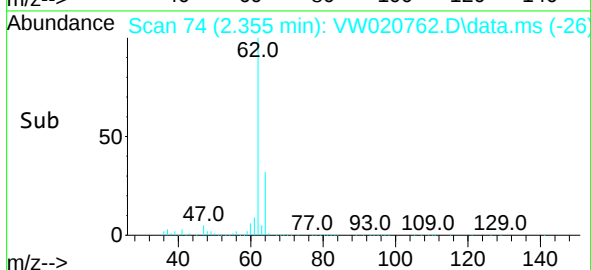
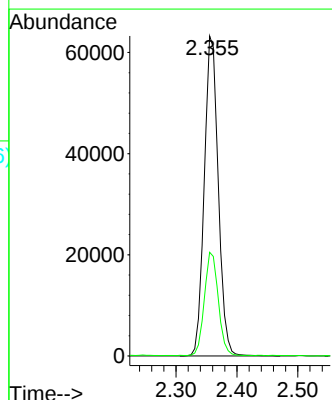
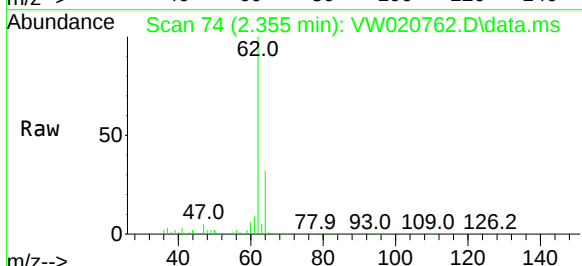
Instrument :
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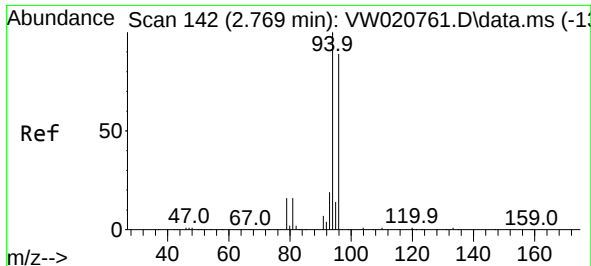
Tgt Ion: 50 Resp: 70418
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9



#4
Vinyl Chloride
Concen: 79.718 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 62 Resp: 101078
Ion Ratio Lower Upper
62 100
64 32.3 26.7 40.1

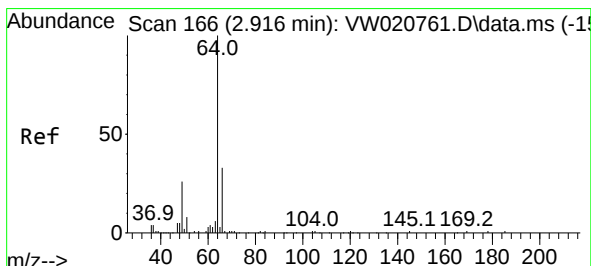
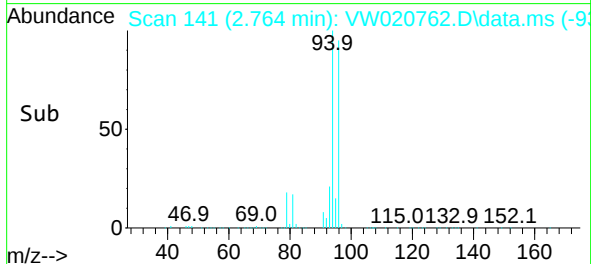
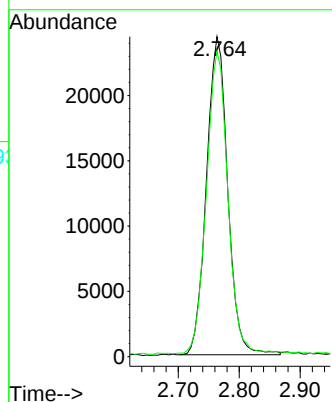
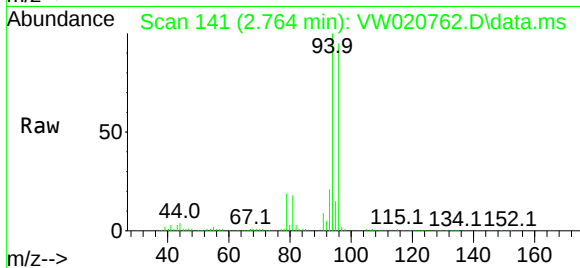




#5
Bromomethane
Concen: 56.877 ug/l
RT: 2.764 min Scan# 141
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

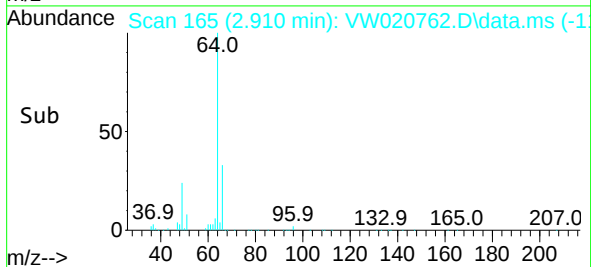
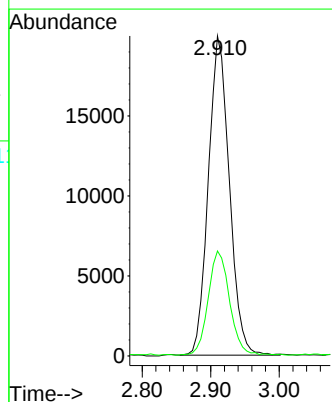
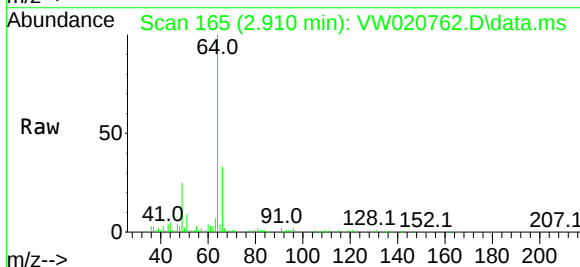
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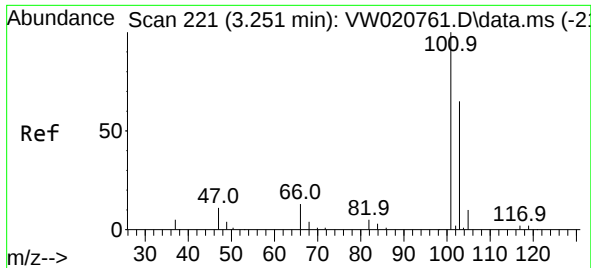
Tgt Ion: 94 Resp: 59154
Ion Ratio Lower Upper
94 100
96 94.9 66.7 100.1



#6
Chloroethane
Concen: 79.761 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 64 Resp: 42431
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7

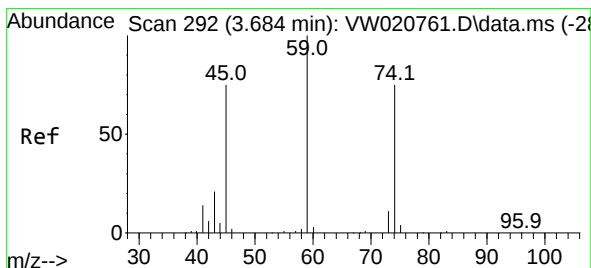
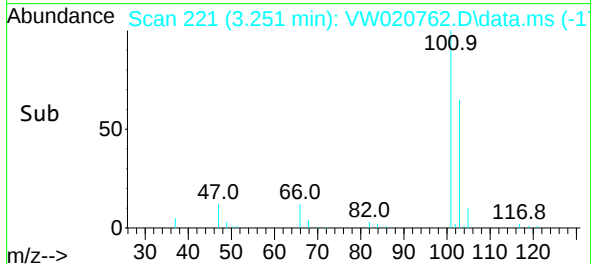
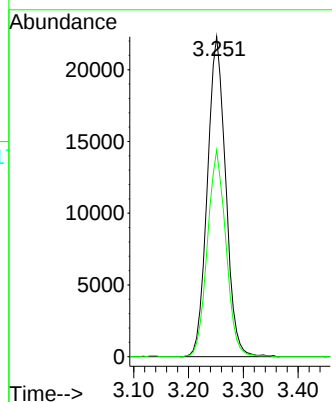
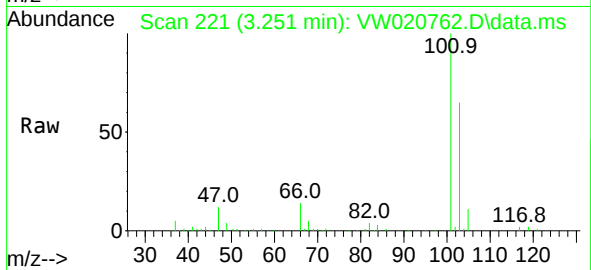




#7
 Trichlorofluoromethane
 Concen: 112.560 ug/l
 RT: 3.251 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

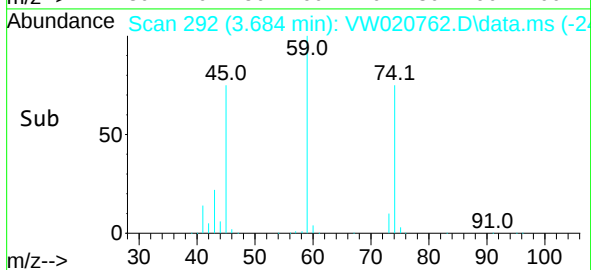
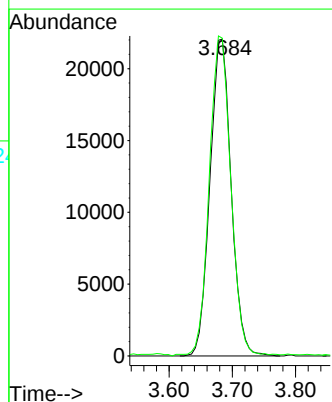
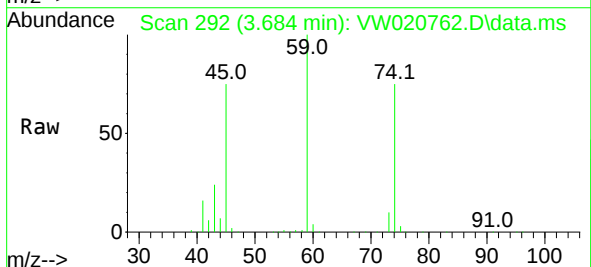
Instrument :
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 ClientSampleId :
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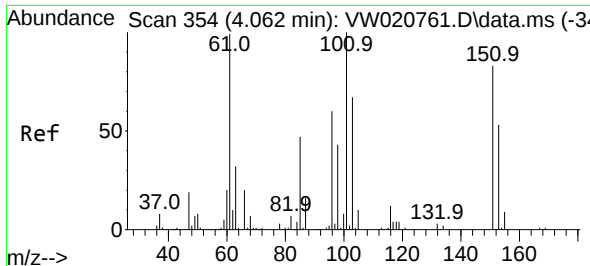
Tgt Ion:101 Resp: 51595
 Ion Ratio Lower Upper
 101 100
 103 64.5 43.9 65.9



#8
 Diethyl Ether
 Concen: 114.131 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VW020762.D
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Tgt Ion: 74 Resp: 51251
 Ion Ratio Lower Upper
 74 100
 45 103.0 34.3 102.8#

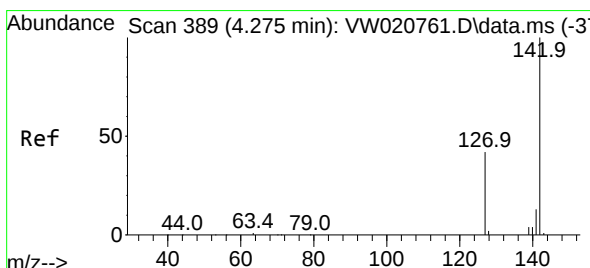
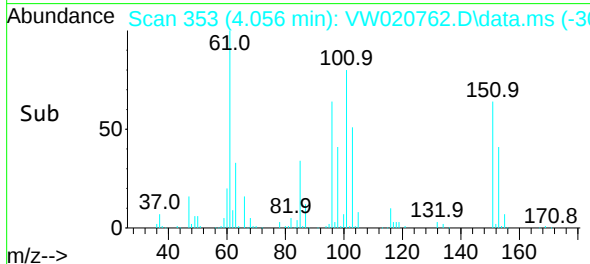
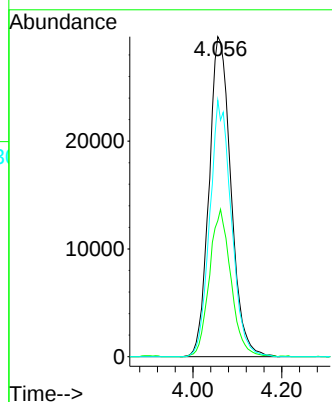
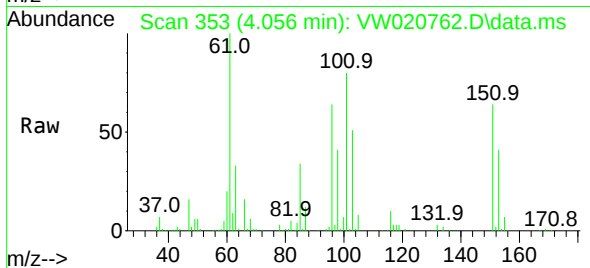




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.192 ug/l
RT: 4.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

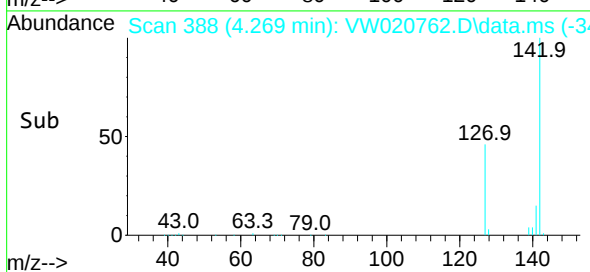
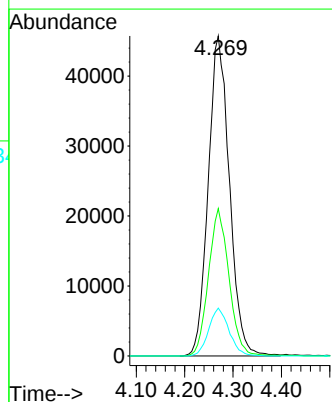
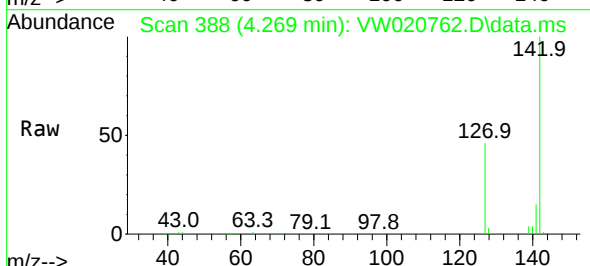
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

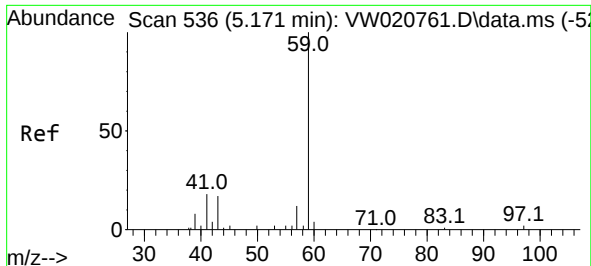
Tgt Ion:101 Resp: 101554
Ion Ratio Lower Upper
101 100
85 45.3 35.2 52.8
151 79.2 65.0 97.4



#10
Methyl Iodide
Concen: 102.947 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion:142 Resp: 139039
Ion Ratio Lower Upper
142 100
127 44.6 34.3 51.5
141 14.4 12.2 18.2

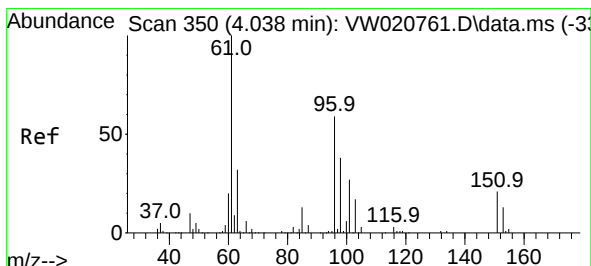
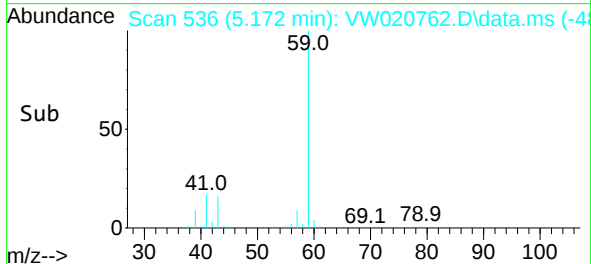
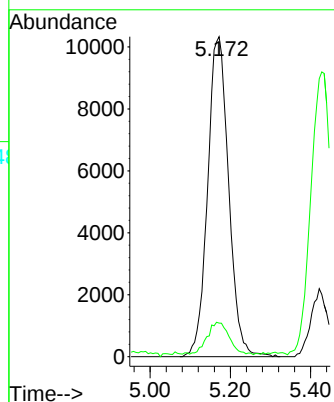
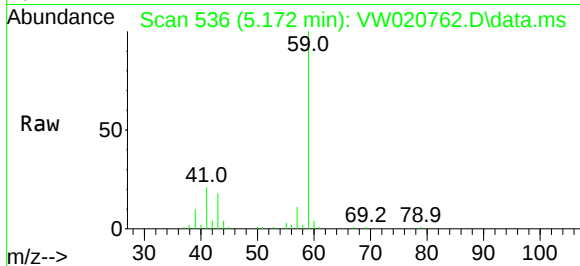




#11
Tert butyl alcohol
Concen: 783.336 ug/l
RT: 5.172 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

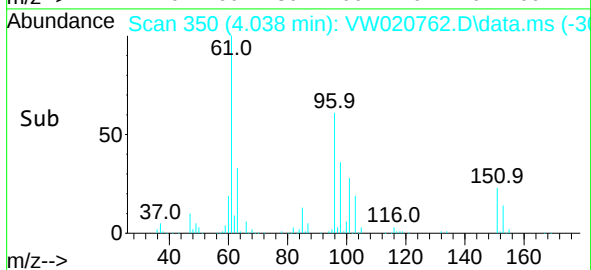
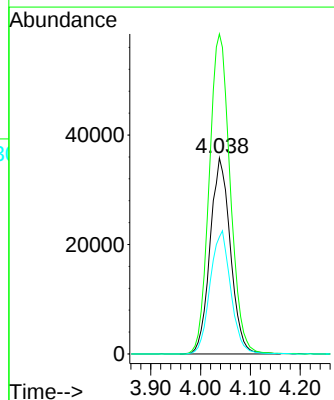
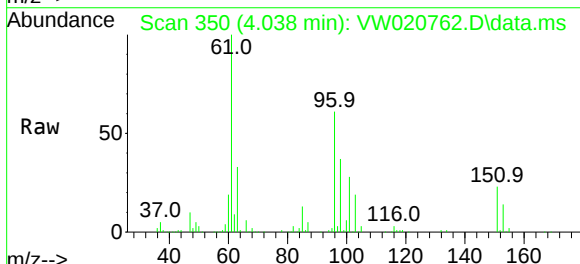
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

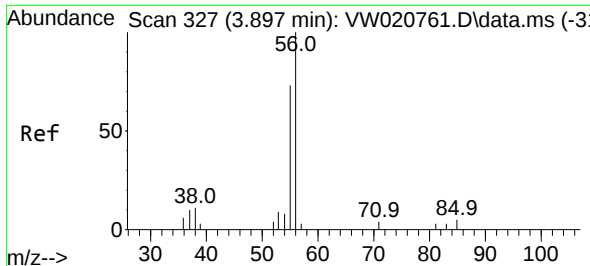
Tgt Ion: 59 Resp: 37610
Ion Ratio Lower Upper
59 100
57 10.5 6.5 9.7#



#12
1,1-Dichloroethene
Concen: 103.556 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 96 Resp: 101513
Ion Ratio Lower Upper
96 100
61 163.3 108.1 162.1#
98 59.7 55.4 83.2

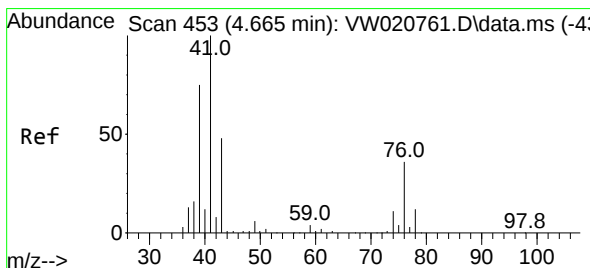
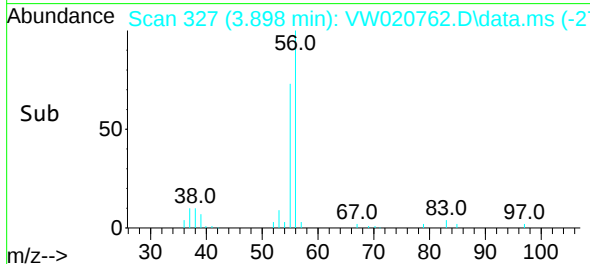
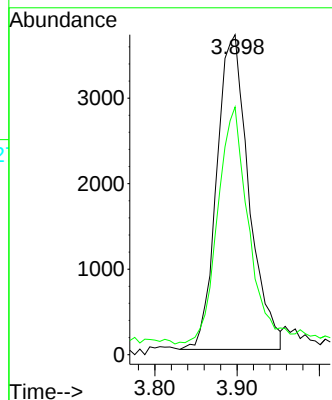
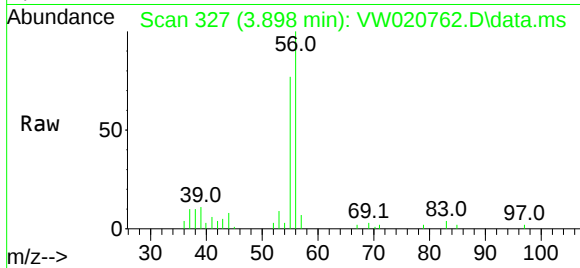




#13
Acrolein
Concen: 593.269 ug/l
RT: 3.898 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

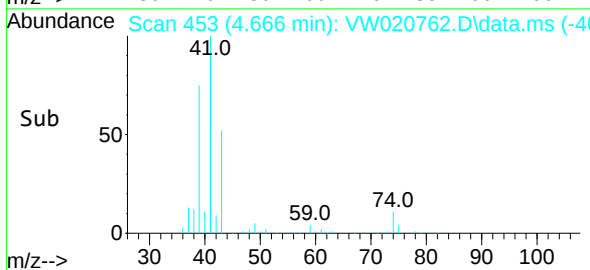
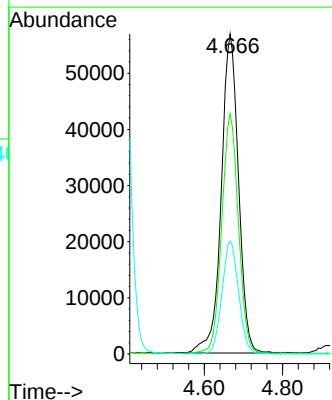
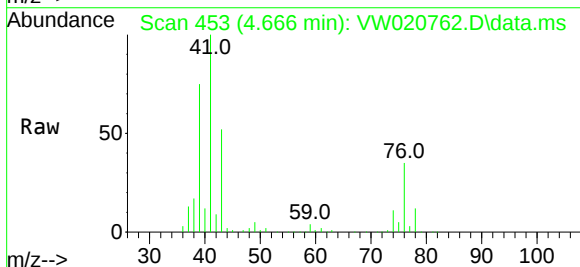
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

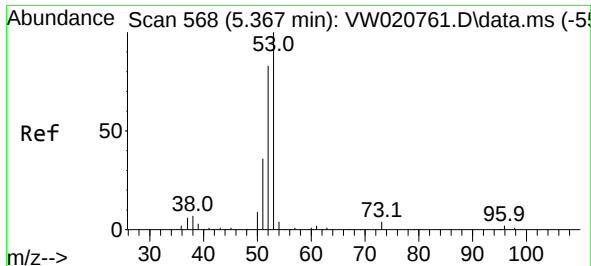
Tgt Ion: 56 Resp: 10010
Ion Ratio Lower Upper
56 100
55 73.2 52.5 78.7



#14
Allyl chloride
Concen: 185.716 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 41 Resp: 174031
Ion Ratio Lower Upper
41 100
39 72.7 67.3 100.9
76 34.0 45.8 68.8#

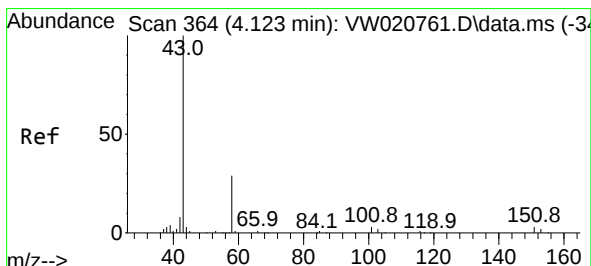
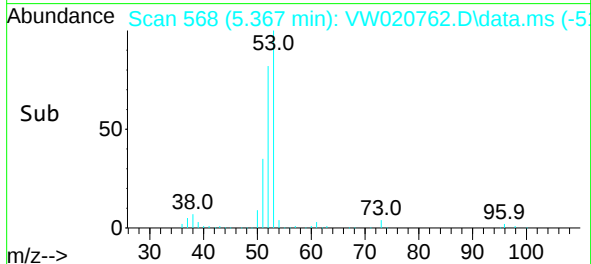
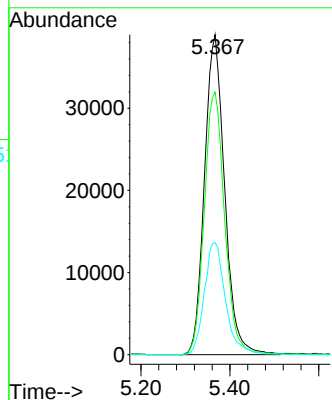
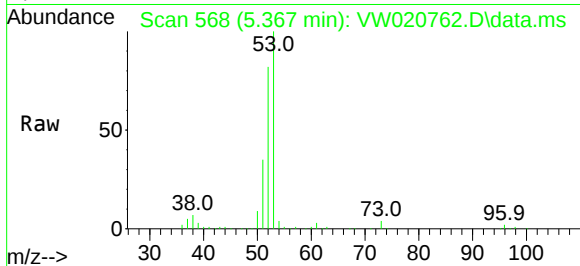




#15
Acrylonitrile
Concen: 703.133 ug/l
RT: 5.367 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

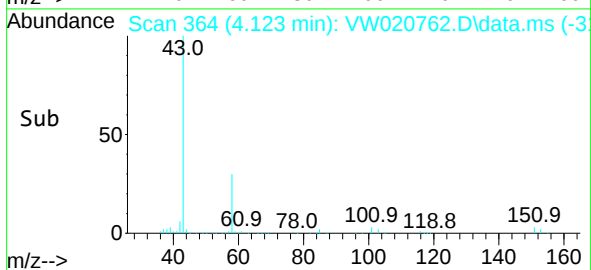
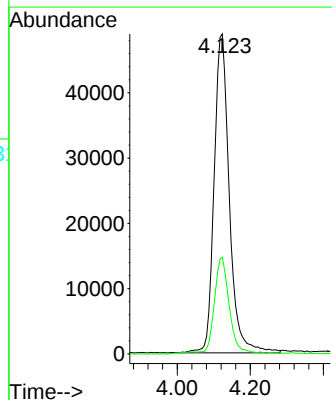
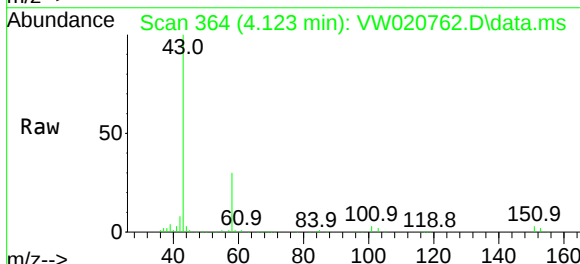
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

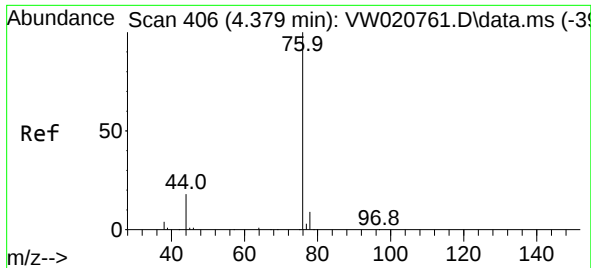
Tgt Ion: 53 Resp: 122926
Ion Ratio Lower Upper
53 100
52 83.2 63.7 95.5
51 36.9 27.5 41.3



#16
Acetone
Concen: 812.749 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 43 Resp: 141273
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.6

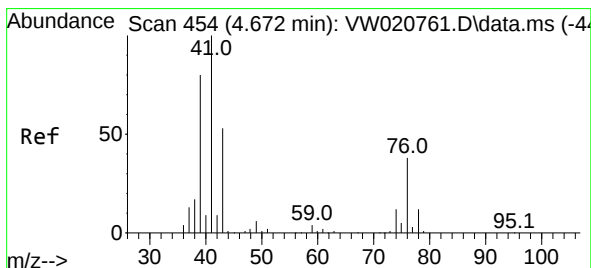
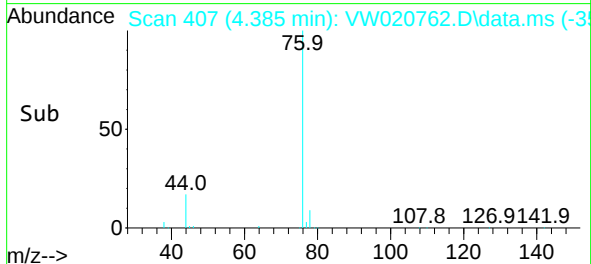
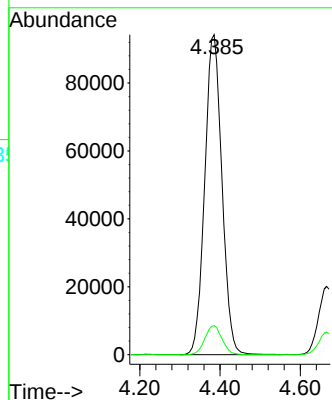
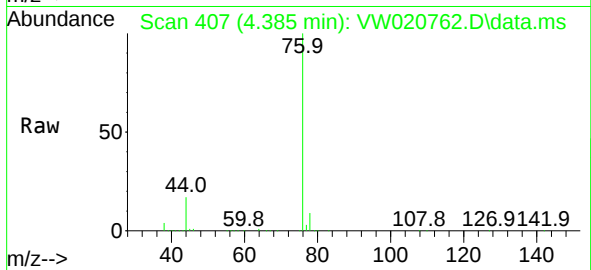




#17
Carbon Disulfide
Concen: 111.407 ug/l
RT: 4.385 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

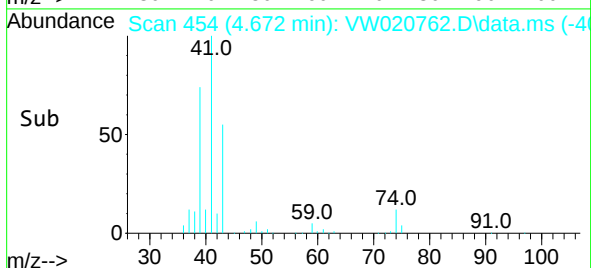
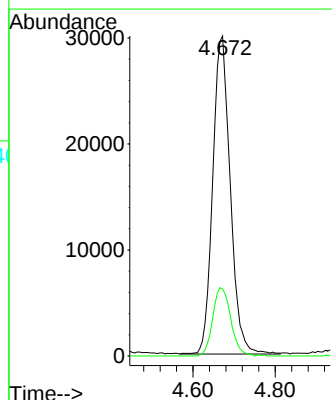
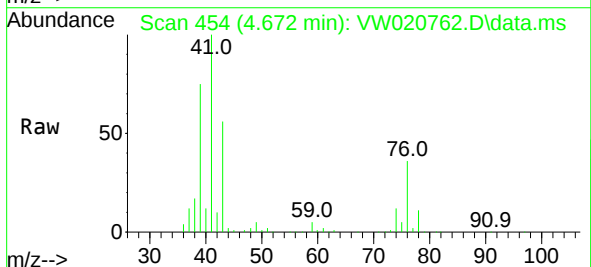
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

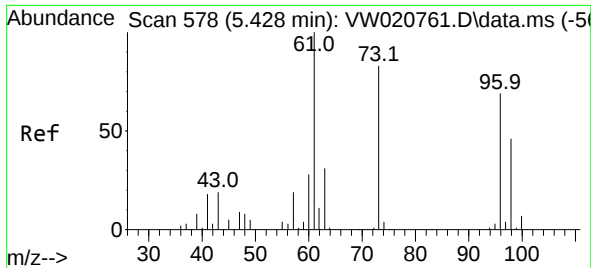
Tgt Ion: 76 Resp: 279941
Ion Ratio Lower Upper
76 100
78 9.0 6.4 9.6



#18
Methyl Acetate
Concen: 152.101 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 43 Resp: 89018
Ion Ratio Lower Upper
43 100
74 22.0 27.0 40.6#

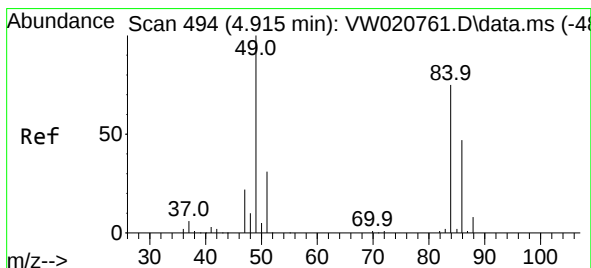
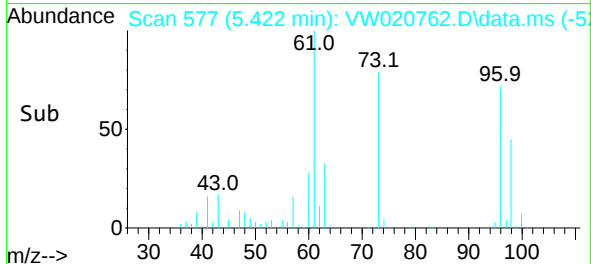
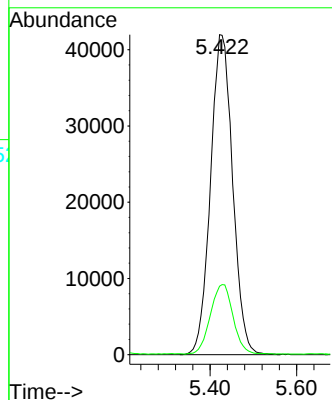
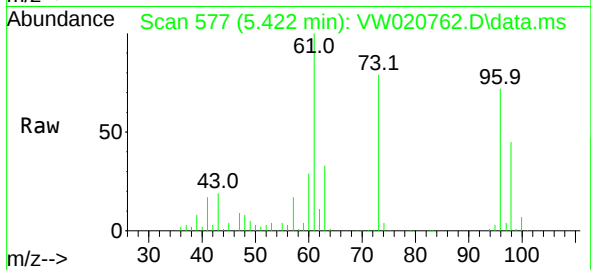




#19
Methyl tert-butyl Ether
Concen: 127.177 ug/l
RT: 5.422 min Scan# 519
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

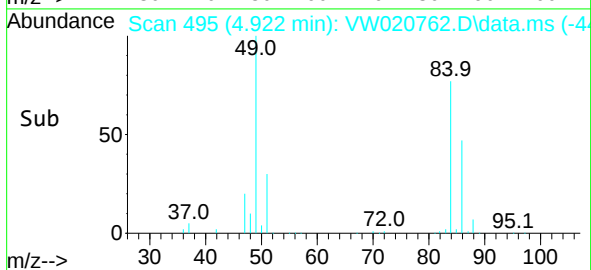
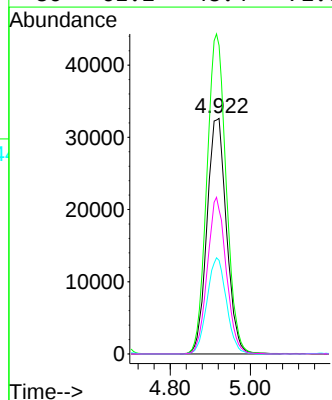
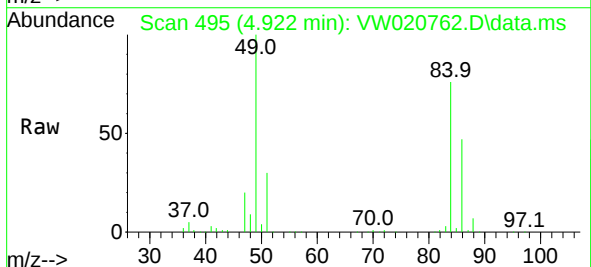
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

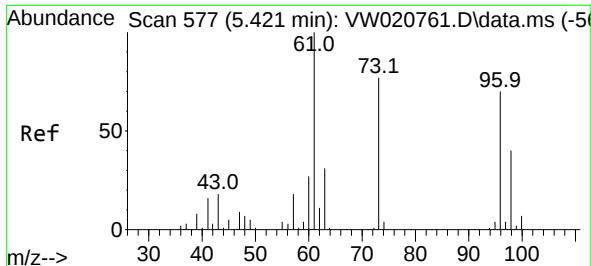
Tgt Ion: 73 Resp: 148999
Ion Ratio Lower Upper
73 100
57 21.1 14.4 21.6



#20
Methylene Chloride
Concen: 80.378 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 84 Resp: 110355
Ion Ratio Lower Upper
84 100
49 130.9 72.6 108.8#
51 39.7 19.7 29.5#
86 61.2 48.4 72.6

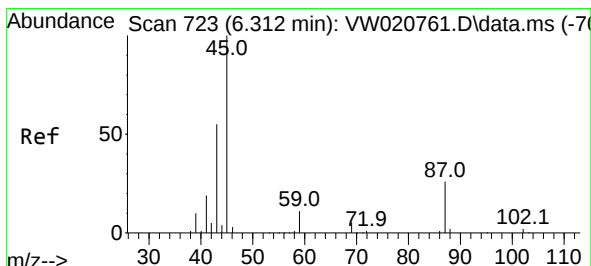
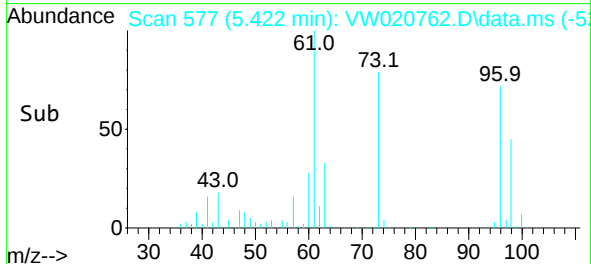
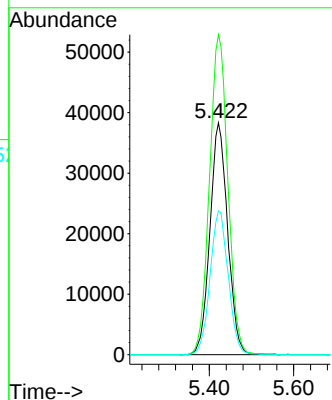
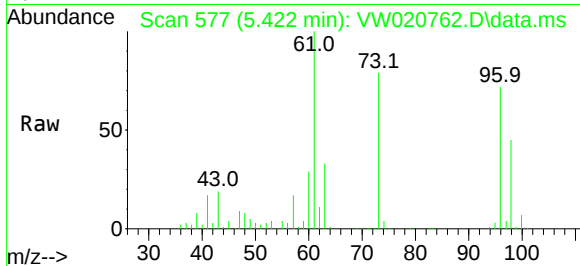




#21
trans-1,2-Dichloroethene
Concen: 103.578 ug/l
RT: 5.422 min Scan# 511
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

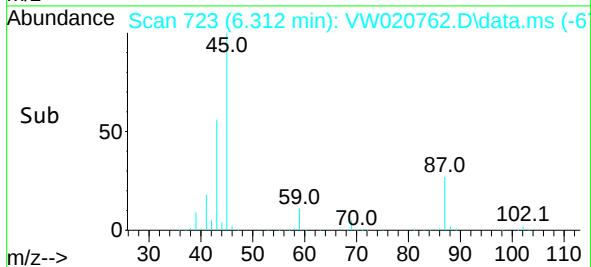
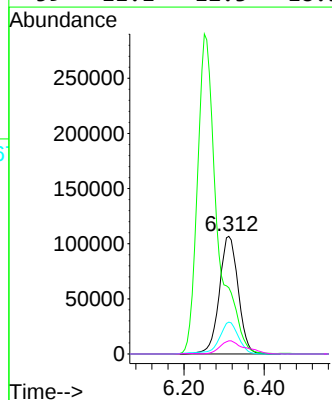
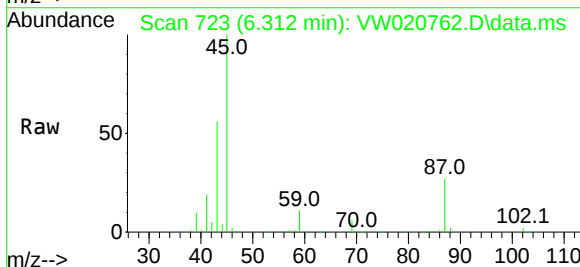
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

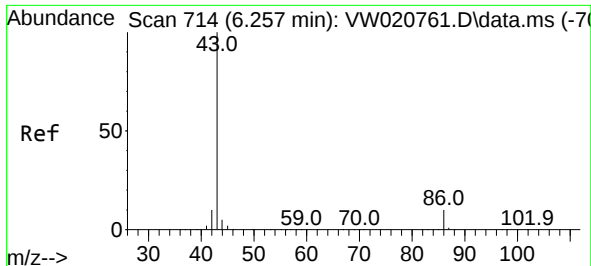
Tgt Ion: 96 Resp: 111980
Ion Ratio Lower Upper
96 100
61 138.0 87.2 130.8#
98 62.0 50.9 76.3



#22
Diisopropyl ether
Concen: 159.618 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 45 Resp: 348384
Ion Ratio Lower Upper
45 100
43 55.8 44.3 66.5
87 27.0 31.4 47.0#
59 11.1 12.3 18.5#

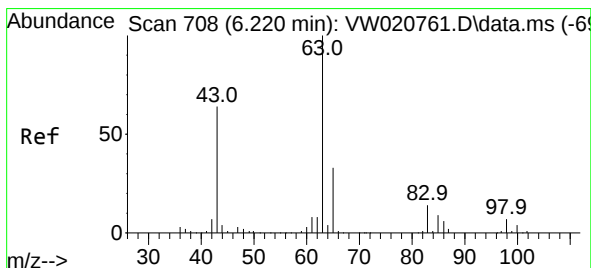
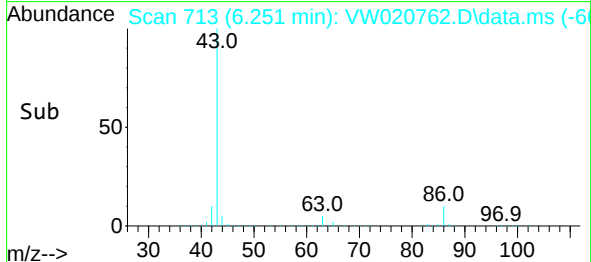
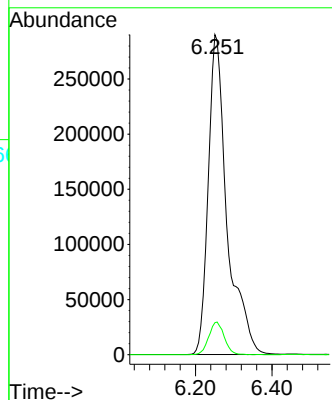
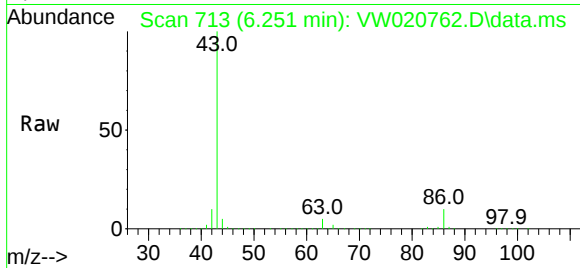




#23
 Vinyl Acetate
 Concen: 833.155 ug/l
 RT: 6.251 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

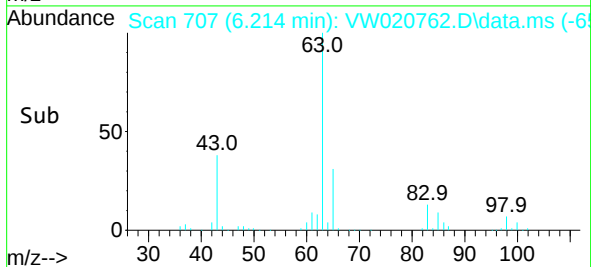
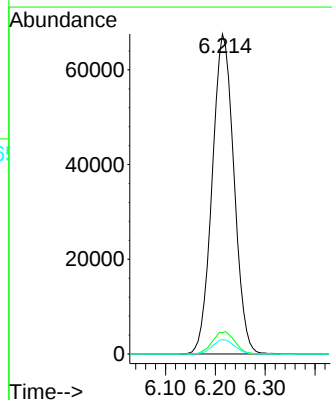
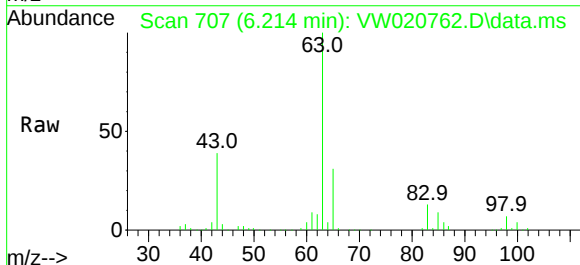
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

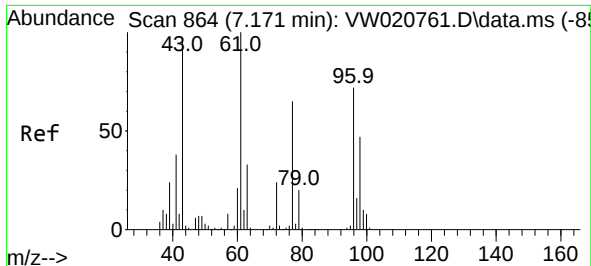
Tgt Ion: 43 Resp: 990692
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.4#



#24
 1,1-Dichloroethane
 Concen: 119.106 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

Tgt Ion: 63 Resp: 204970
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.4 13.2
 100 4.5 2.1 6.2

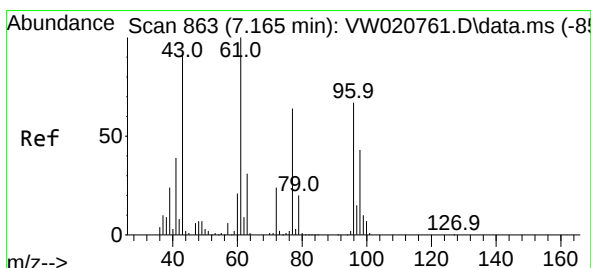
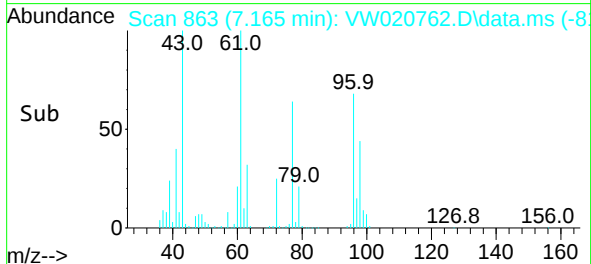
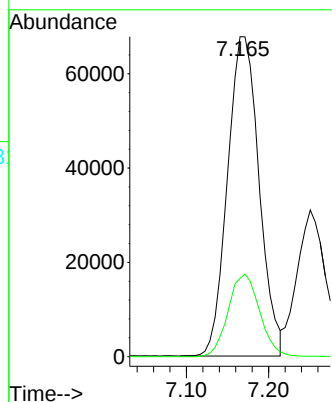
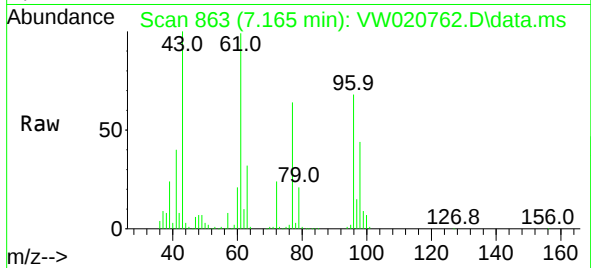




#25
2-Butanone
Concen: 824.132 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

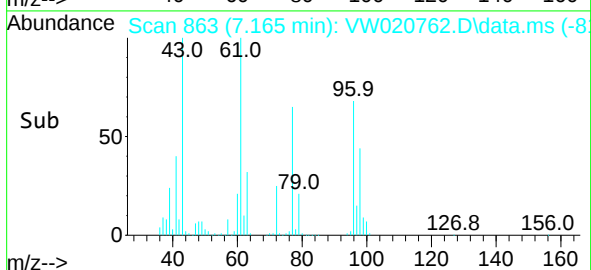
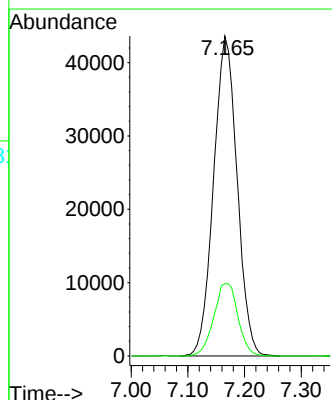
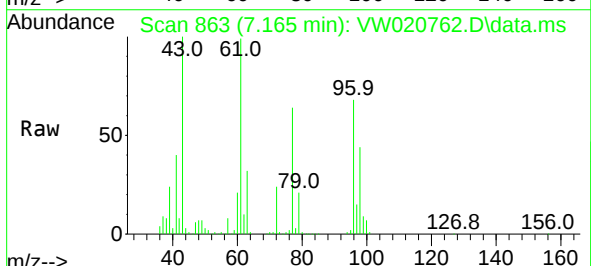
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

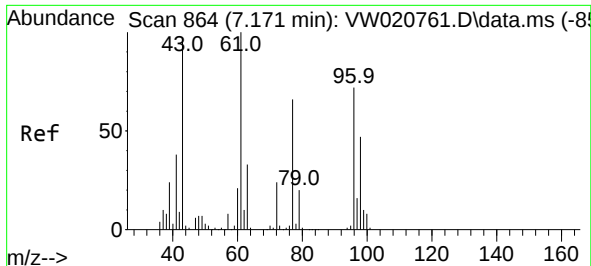
Tgt Ion: 43 Resp: 181347
Ion Ratio Lower Upper
43 100
72 24.5 29.3 43.9#



#26
2,2-Dichloropropane
Concen: 119.646 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 77 Resp: 125493
Ion Ratio Lower Upper
77 100
97 23.3 13.5 40.5





#27

cis-1,2-Dichloroethene

Concen: 104.406 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

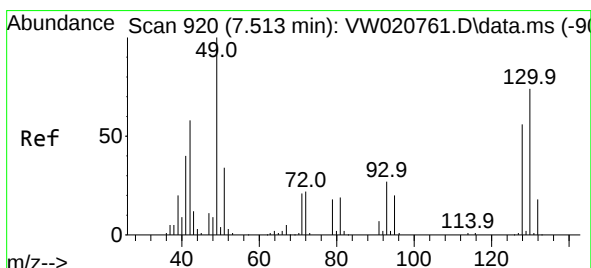
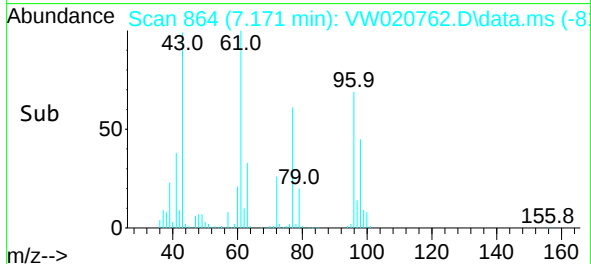
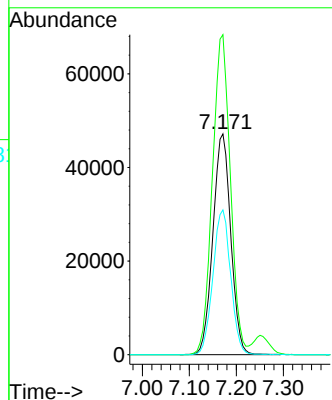
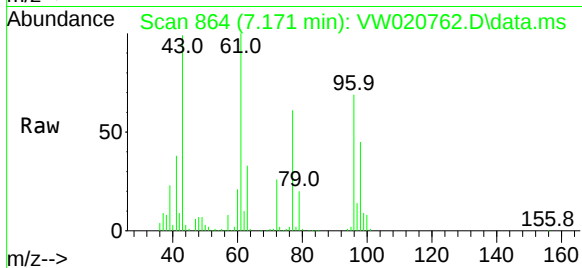
Tgt Ion: 96 Resp: 124586

Ion Ratio Lower Upper

96 100

61 146.0 0.0 234.8

98 65.2 0.0 135.4



#28

Bromochloromethane

Concen: 125.995 ug/l

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

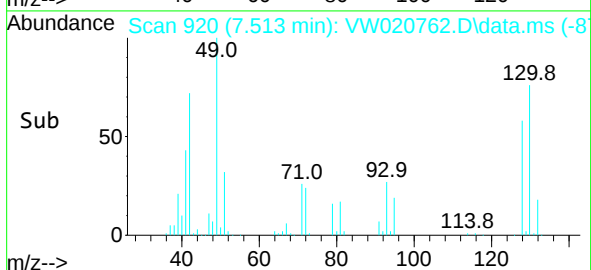
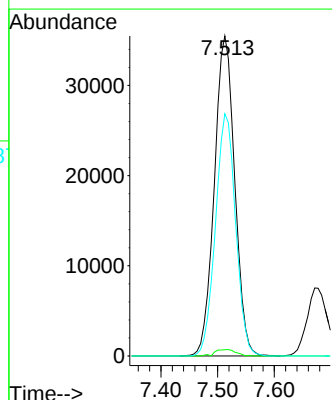
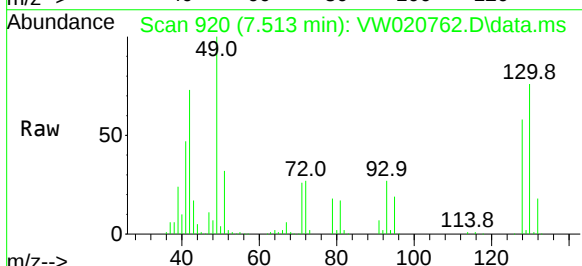
Tgt Ion: 49 Resp: 88595

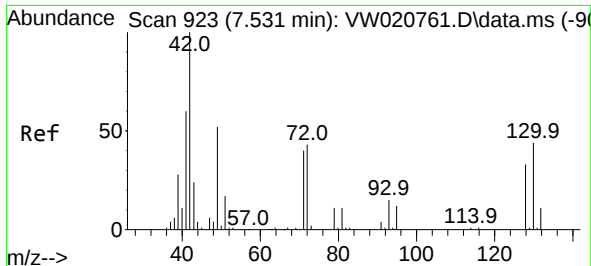
Ion Ratio Lower Upper

49 100

129 2.0 0.0 7.6

130 75.0 88.2 132.2#





#29

Tetrahydrofuran

Concen: 847.212 ug/l

RT: 7.531 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

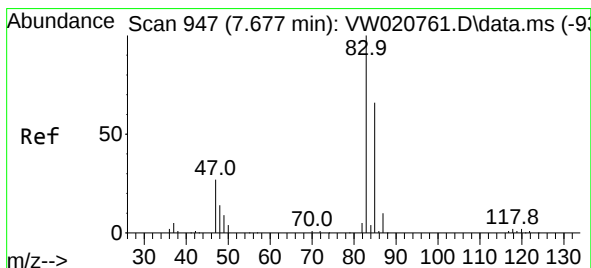
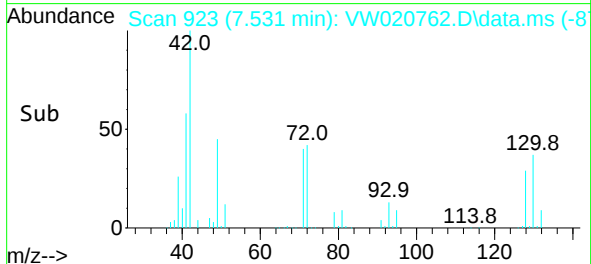
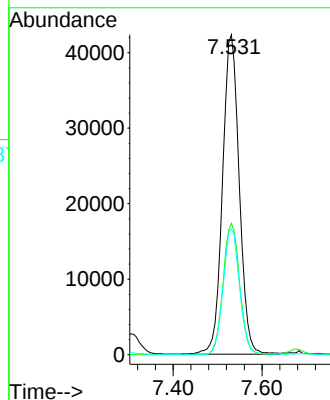
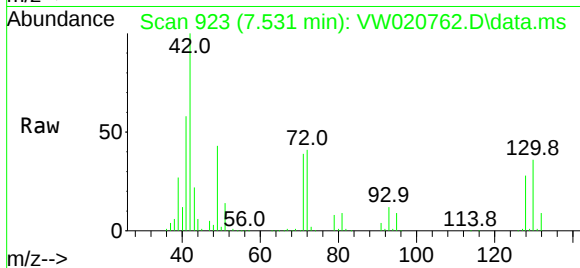
Tgt Ion: 42 Resp: 110103

Ion Ratio Lower Upper

42 100

72 40.8 53.0 79.4#

71 39.0 49.4 74.2#



#30

Chloroform

Concen: 101.083 ug/l

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW020762.D

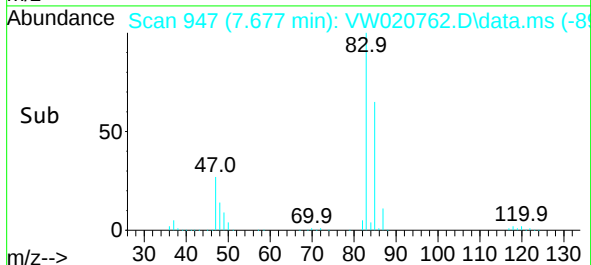
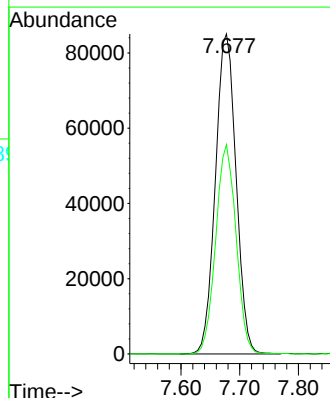
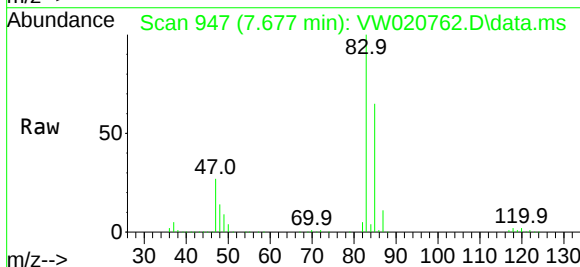
Acq: 04 Nov 2021 14:51

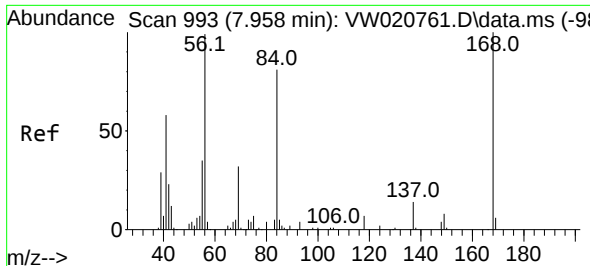
Tgt Ion: 83 Resp: 208079

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

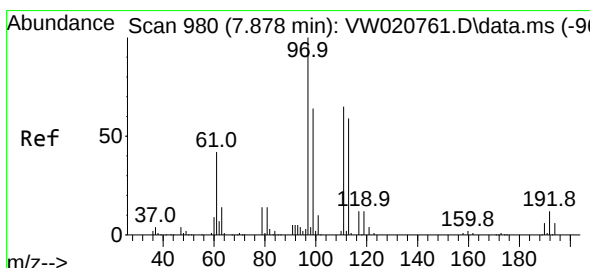
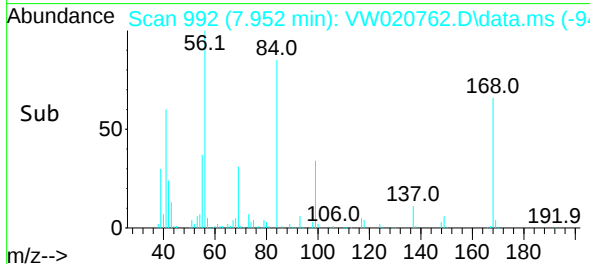
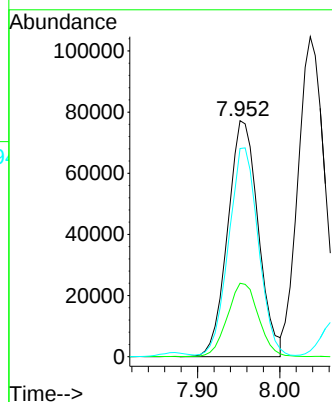
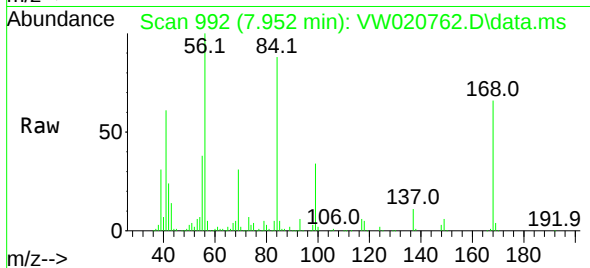




#31
Cyclohexane
Concen: 126.468 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

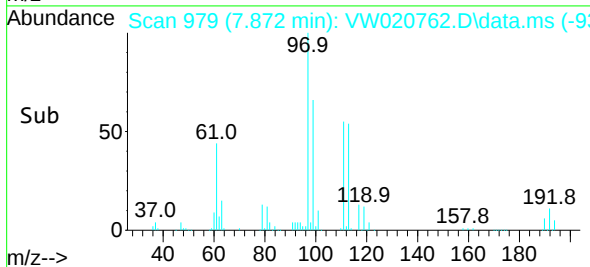
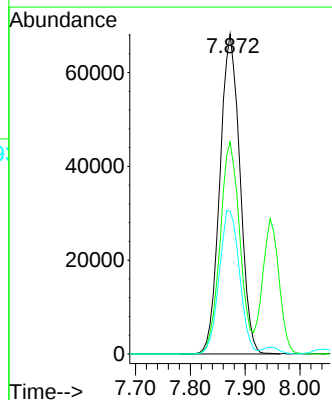
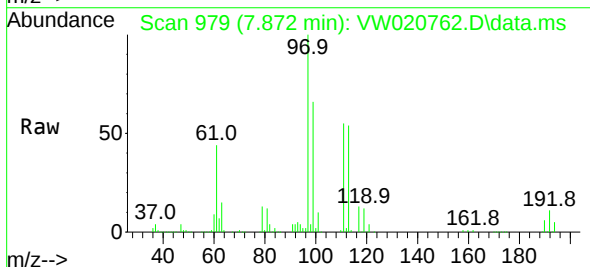
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

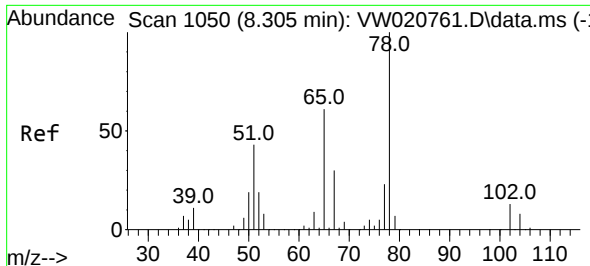
Tgt Ion: 56 Resp: 199598
Ion Ratio Lower Upper
56 100
69 31.0 34.2 51.2#
84 86.7 92.3 138.5#



#32
1,1,1-Trichloroethane
Concen: 104.754 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 97 Resp: 173172
Ion Ratio Lower Upper
97 100
99 65.6 52.1 78.1
61 45.7 30.2 45.2#

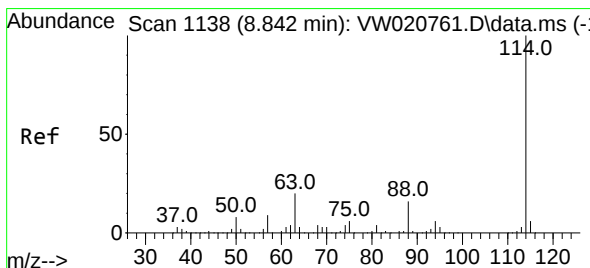
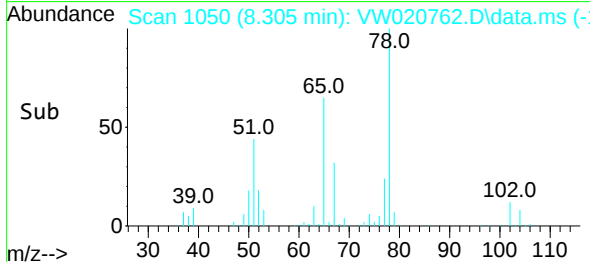
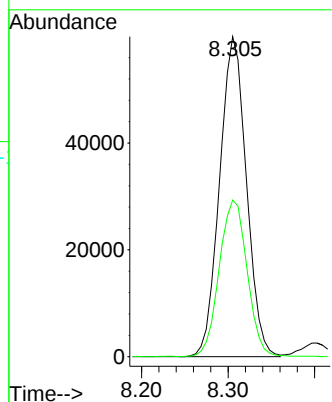
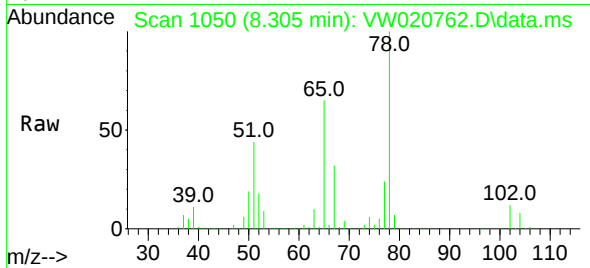




#33
 1,2-Dichloroethane-d4
 Concen: 114.861 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

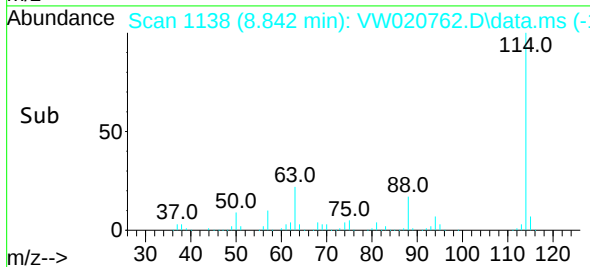
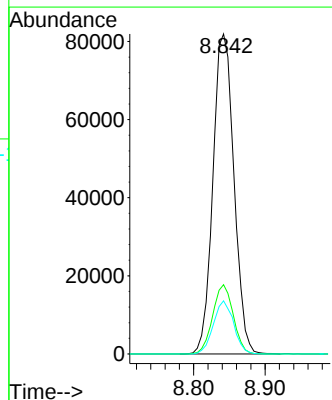
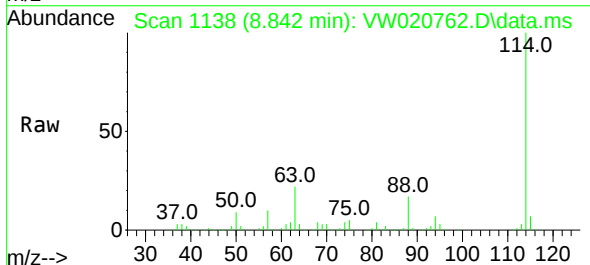
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

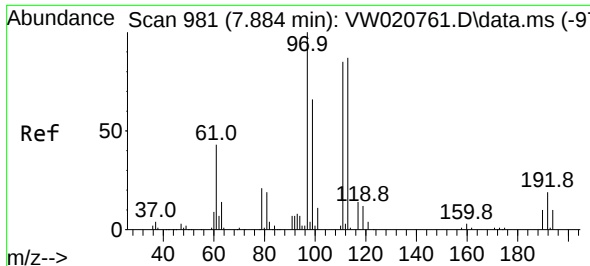
Tgt Ion: 65 Resp: 128708
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

Tgt Ion: 114 Resp: 167275
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 35.8
 88 16.6 0.0 30.8

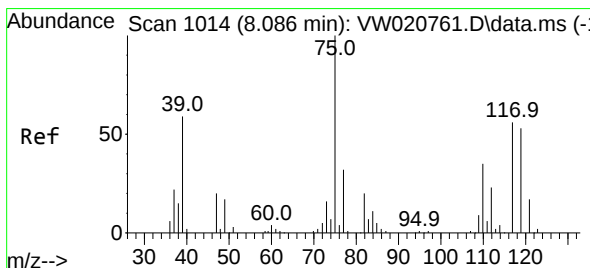
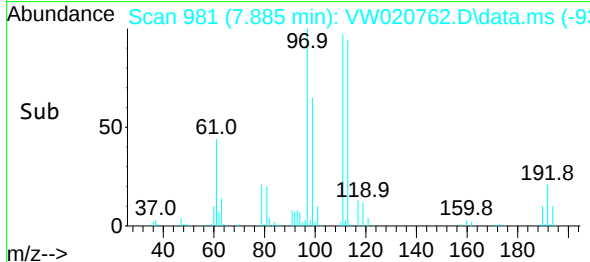
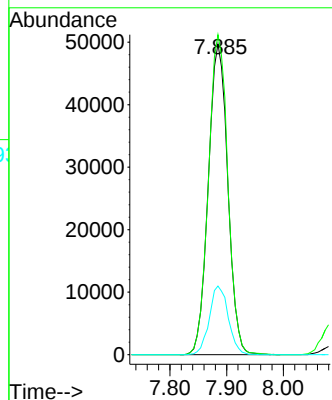
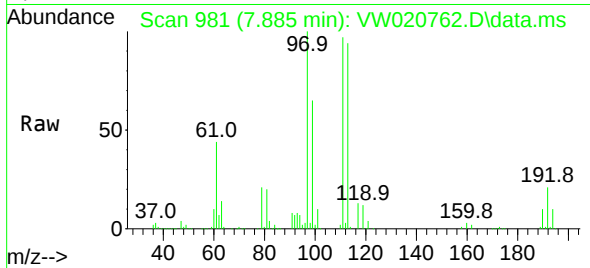




#35
Dibromofluoromethane
Concen: 108.838 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

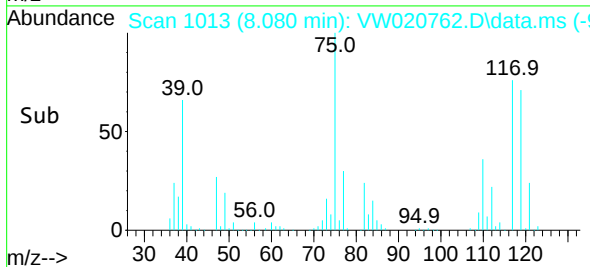
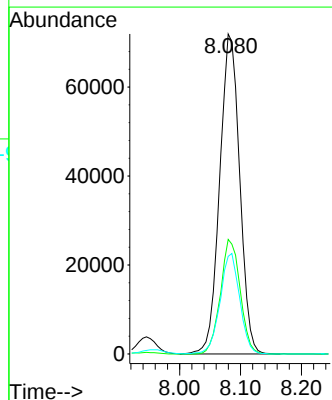
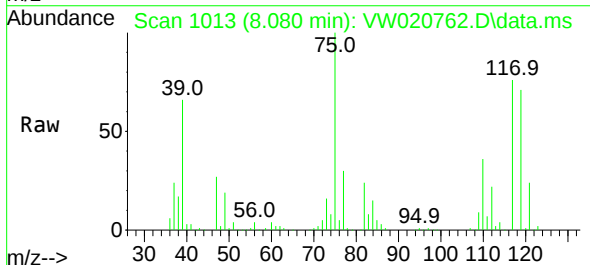
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

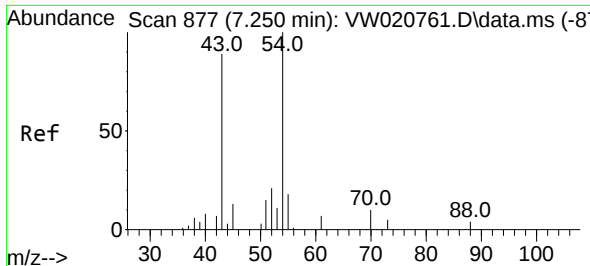
Tgt Ion:113 Resp: 118417
Ion Ratio Lower Upper
113 100
111 102.6 81.7 122.5
192 21.6 14.7 22.1



#36
1,1-Dichloropropene
Concen: 117.911 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 75 Resp: 163961
Ion Ratio Lower Upper
75 100
110 35.3 20.3 60.8
77 31.0 24.2 36.4

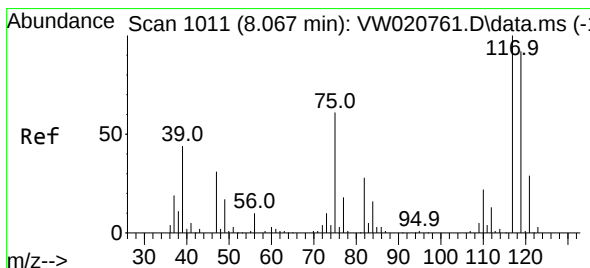
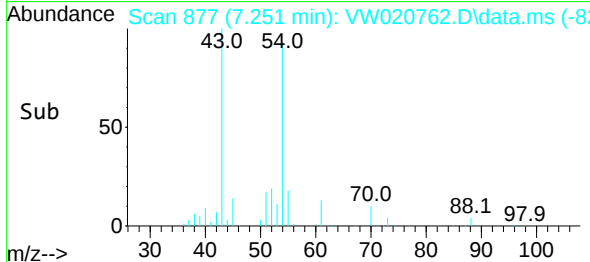
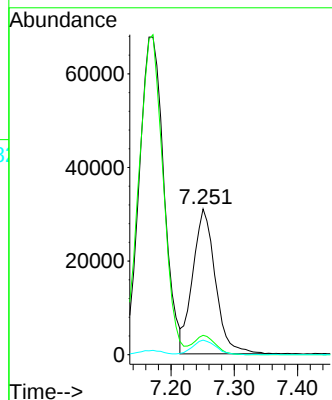
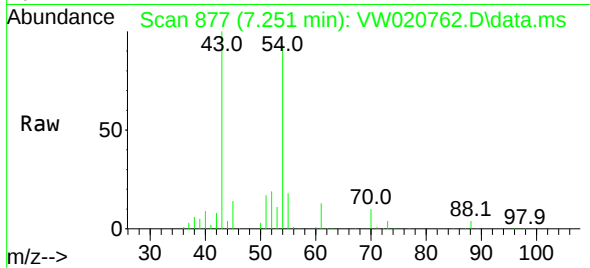




#37
Ethyl Acetate
Concen: 166.788 ug/l
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

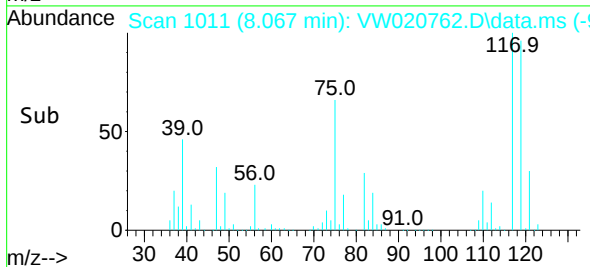
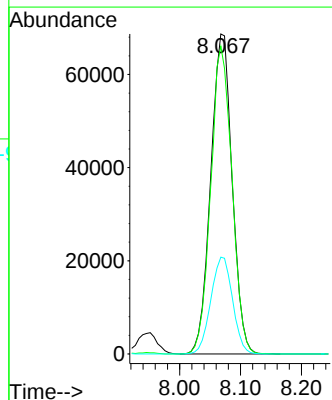
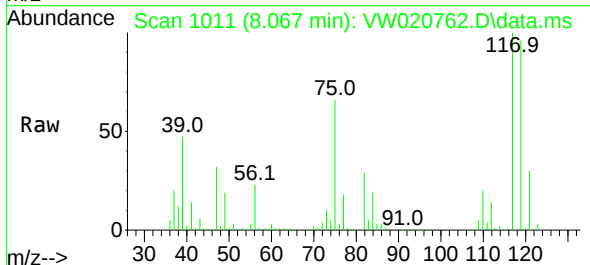
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

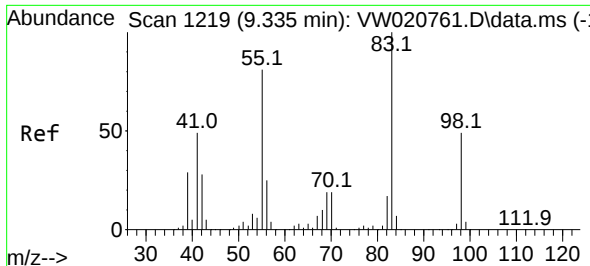
Tgt Ion: 43 Resp: 76802
Ion Ratio Lower Upper
43 100
61 12.5 13.4 20.0#
70 10.4 11.4 17.0#



#38
Carbon Tetrachloride
Concen: 113.352 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 117 Resp: 167847
Ion Ratio Lower Upper
117 100
119 96.2 70.6 106.0
121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 124.240 ug/l

RT: 9.336 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

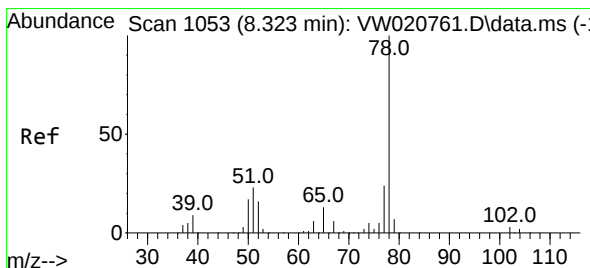
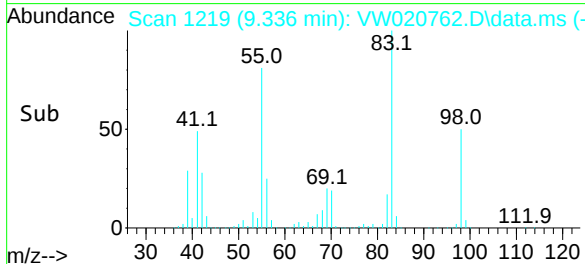
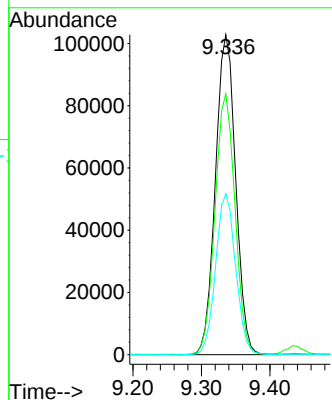
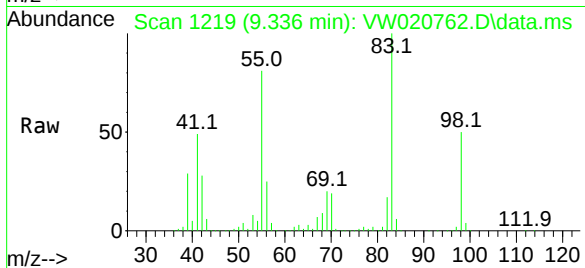
Tgt Ion: 83 Resp: 210452

Ion Ratio Lower Upper

83 100

55 81.4 47.4 71.0#

98 50.3 41.8 62.6



#40

Benzene

Concen: 113.069 ug/l

RT: 8.324 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW020762.D

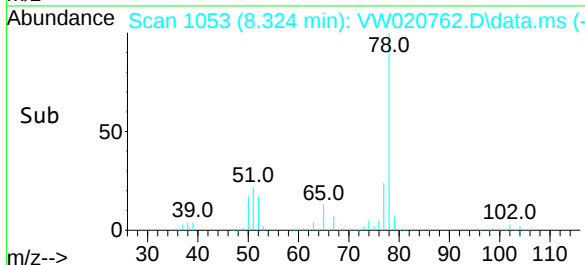
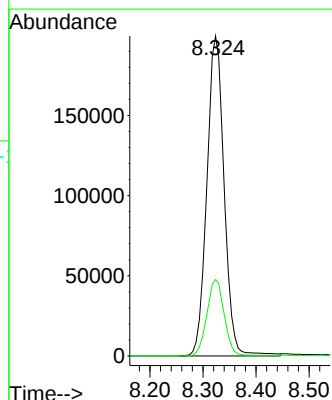
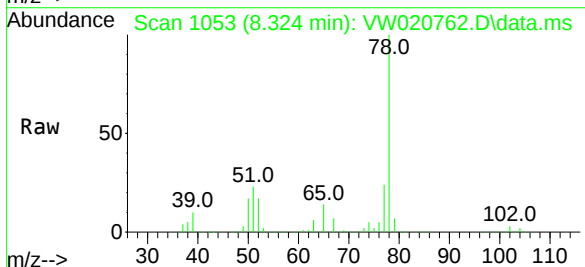
Acq: 04 Nov 2021 14:51

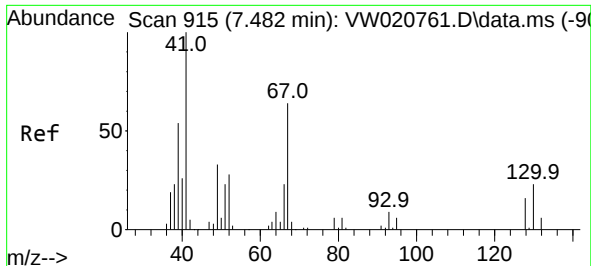
Tgt Ion: 78 Resp: 451414

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4

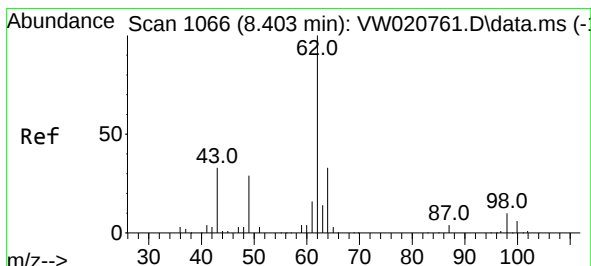
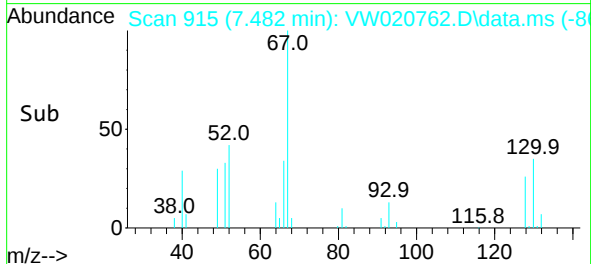
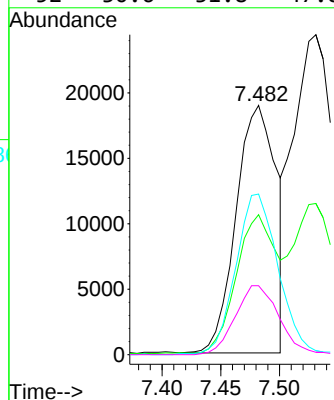
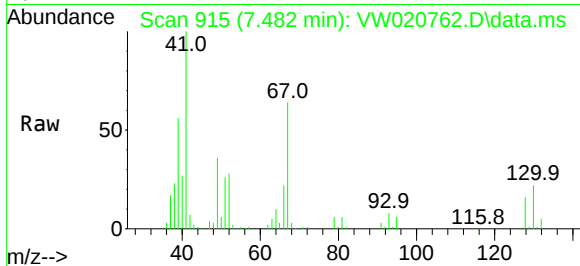




#41
Methacrylonitrile
Concen: 187.920 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

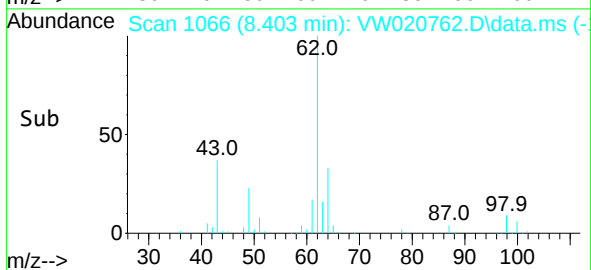
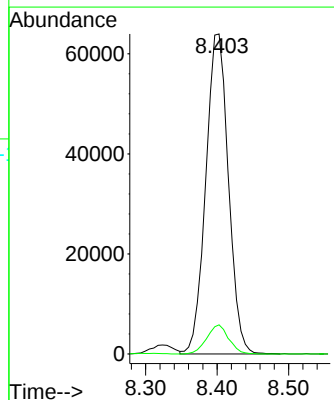
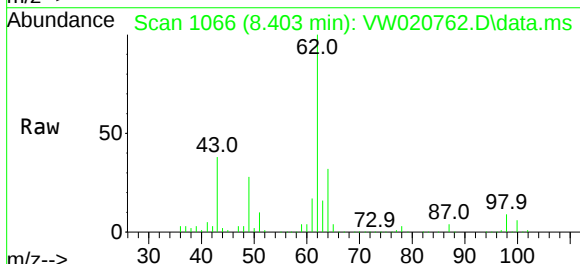
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

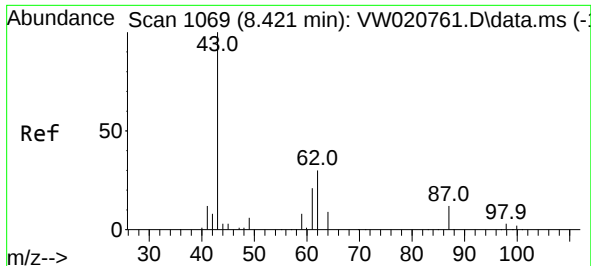
Tgt Ion:	41	Resp:	44801
Ion	Ratio	Lower	Upper
41	100		
39	55.2	51.6	77.4
67	69.1	81.0	121.4#
52	30.6	31.8	47.8#



#42
1,2-Dichloroethane
Concen: 122.920 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion:	62	Resp:	140797
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	21.6

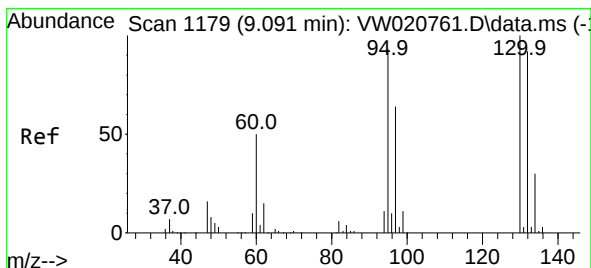
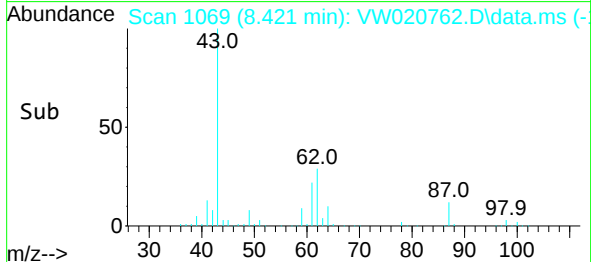
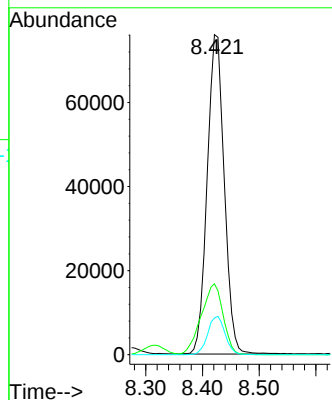
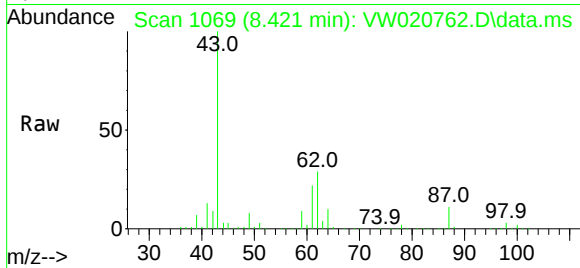




#43
Isopropyl Acetate
Concen: 176.785 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

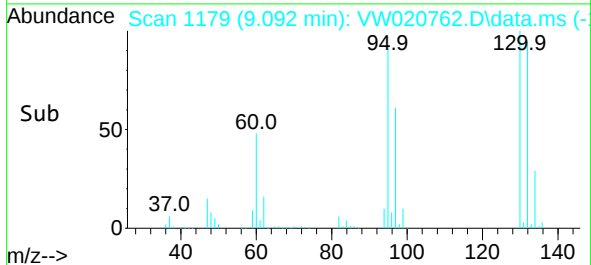
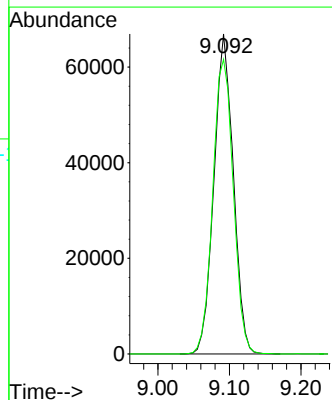
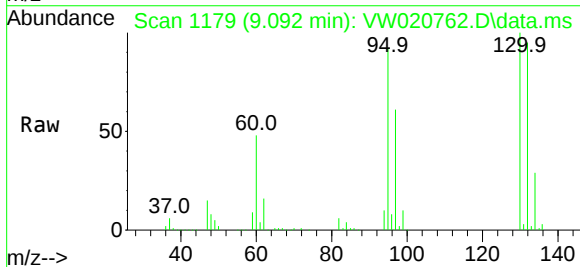
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

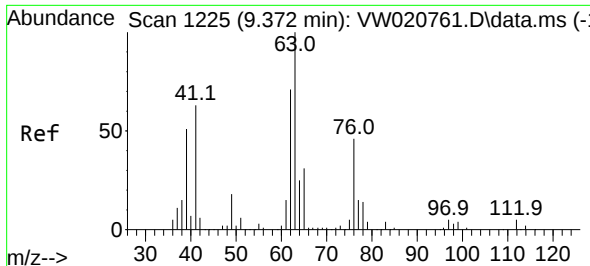
Tgt Ion: 43 Resp: 158898
Ion Ratio Lower Upper
43 100
61 28.5 30.0 45.0#
87 12.2 15.0 22.4#



#44
Trichloroethene
Concen: 104.365 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion:130 Resp: 126083
Ion Ratio Lower Upper
130 100
95 92.1 0.0 198.6





#45

1,2-Dichloropropane

Concen: 128.556 ug/l

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

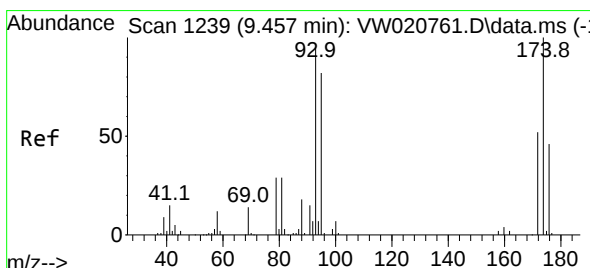
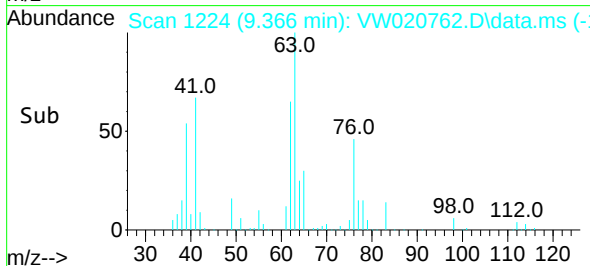
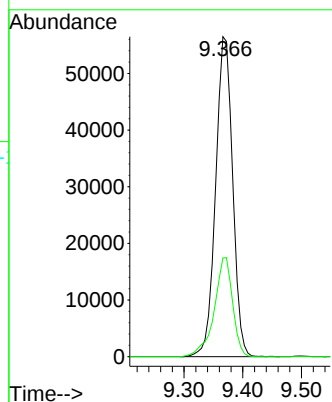
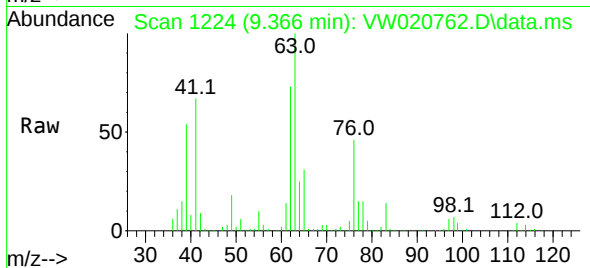
VSTDIC100

Tgt Ion: 63 Resp: 113620

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.2



#46

Dibromomethane

Concen: 106.244 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

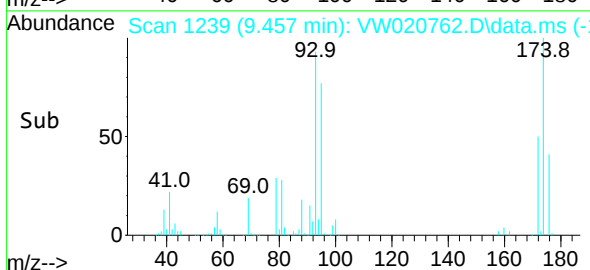
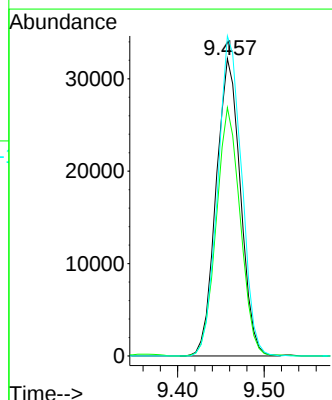
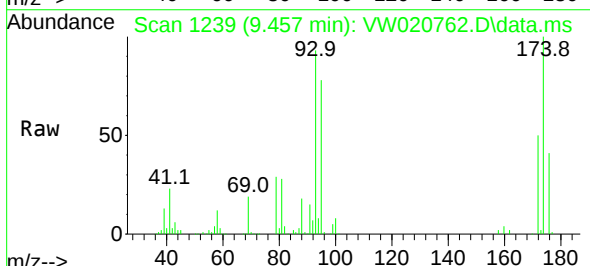
Tgt Ion: 93 Resp: 62797

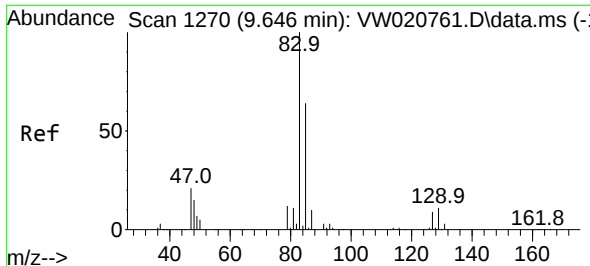
Ion Ratio Lower Upper

93 100

95 82.2 68.6 103.0

174 105.8 87.8 131.8

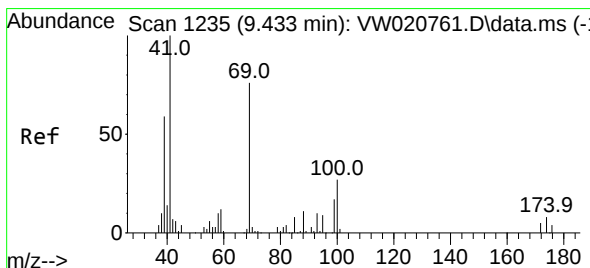
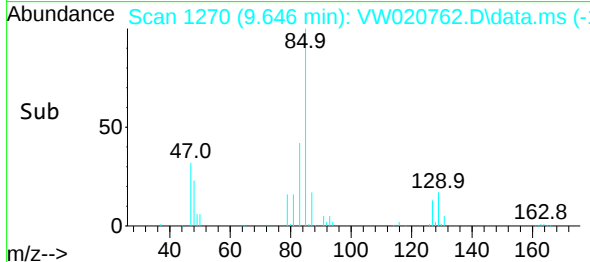
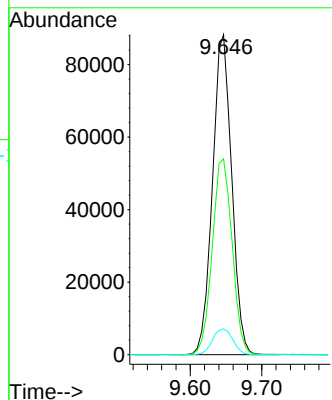
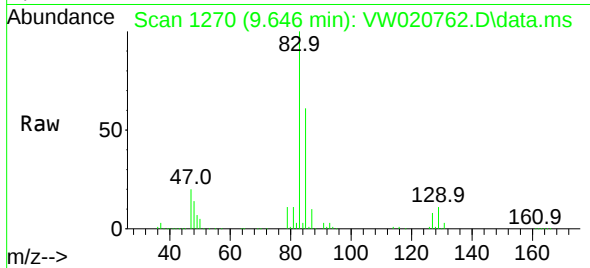




#47
Bromodichloromethane
Concen: 116.916 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

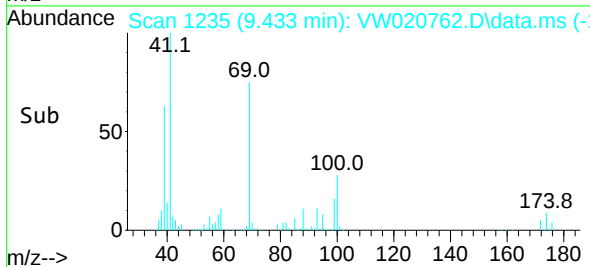
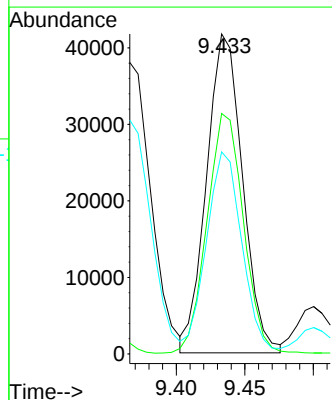
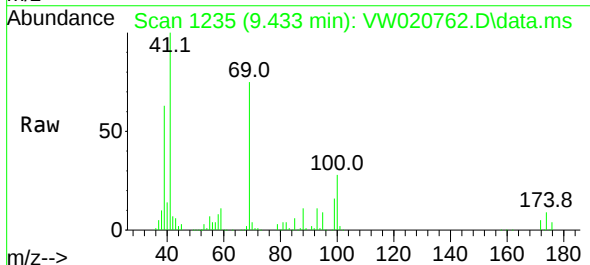
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

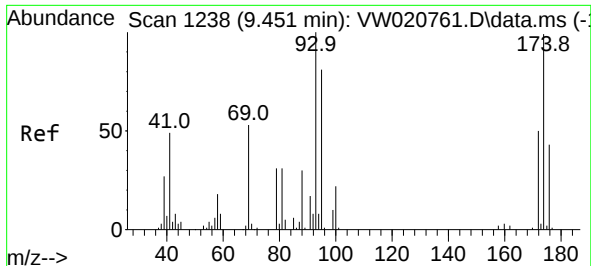
Tgt Ion: 83 Resp: 164547
Ion Ratio Lower Upper
83 100
85 61.2 51.9 77.9
127 8.1 7.6 11.4



#48
Methyl methacrylate
Concen: 183.468 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 41 Resp: 76078
Ion Ratio Lower Upper
41 100
69 76.3 96.4 144.6#
39 59.0 51.9 77.9





#49

1,4-Dioxane

Concen: 2449.543 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

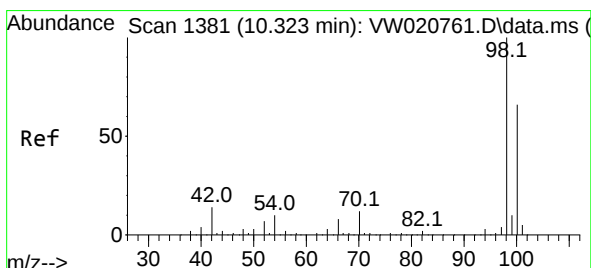
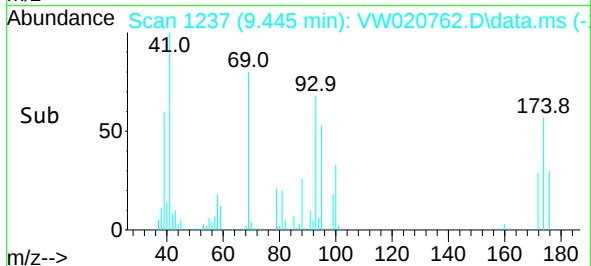
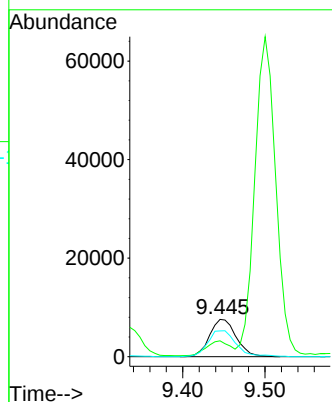
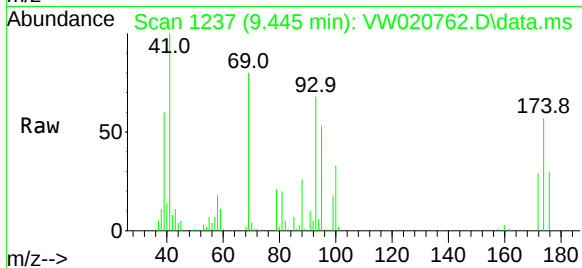
Tgt Ion: 88 Resp: 16947

Ion Ratio Lower Upper

88 100

43 35.4 19.0 28.6#

58 74.7 46.2 69.4#



#50

Toluene-d8

Concen: 118.071 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020762.D

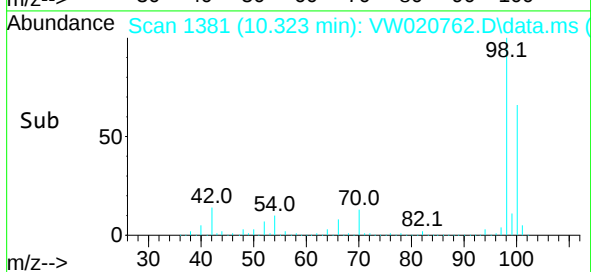
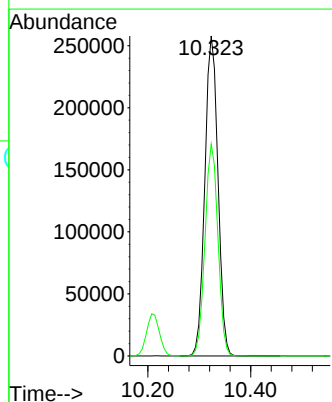
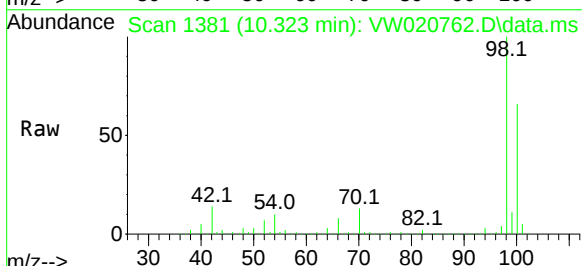
Acq: 04 Nov 2021 14:51

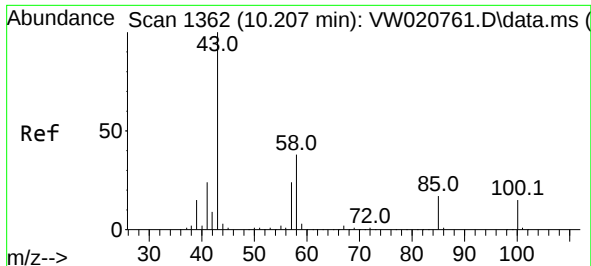
Tgt Ion: 98 Resp: 456804

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.4

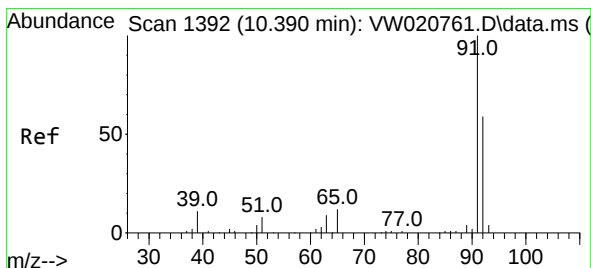
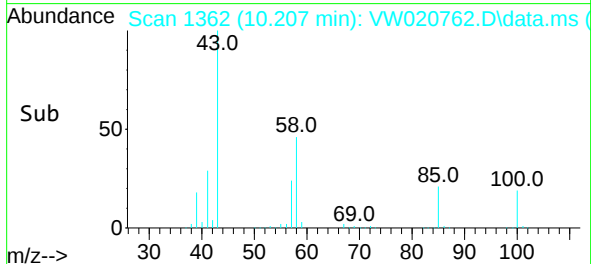
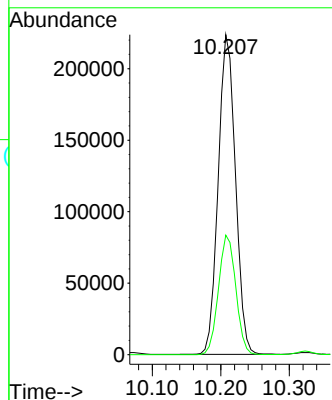
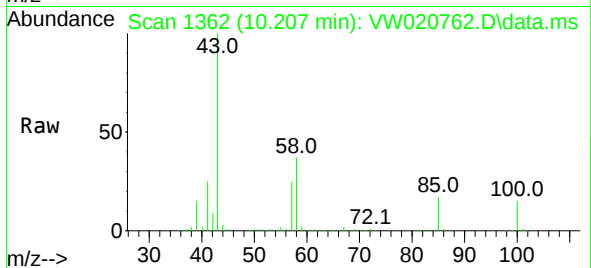




#51
4-Methyl-2-Pentanone
Concen: 841.605 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

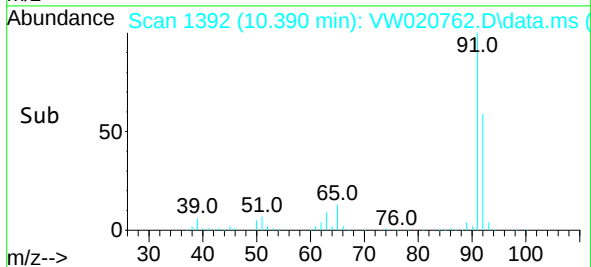
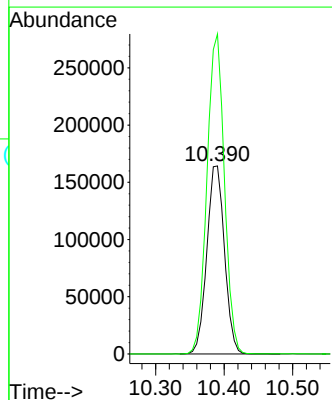
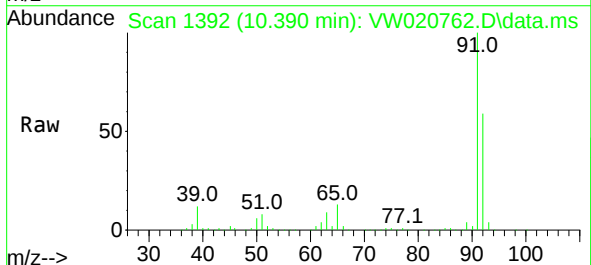
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

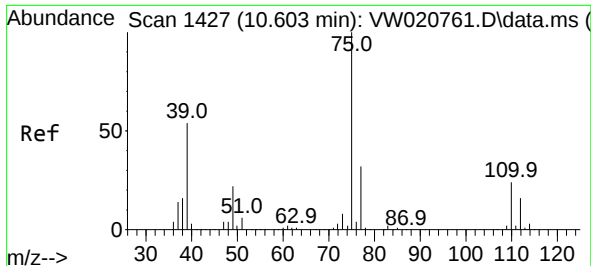
Tgt Ion: 43 Resp: 390474
Ion Ratio Lower Upper
43 100
58 37.5 37.4 56.2



#52
Toluene
Concen: 113.955 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 92 Resp: 294659
Ion Ratio Lower Upper
92 100
91 167.8 144.3 216.5

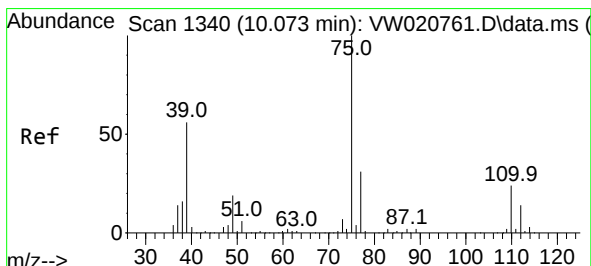
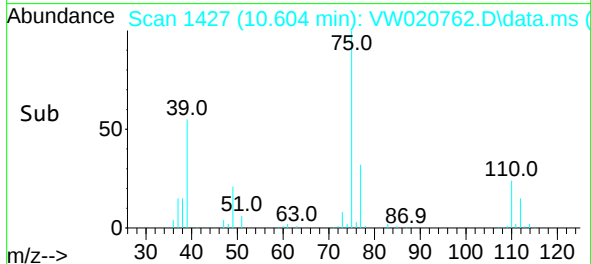
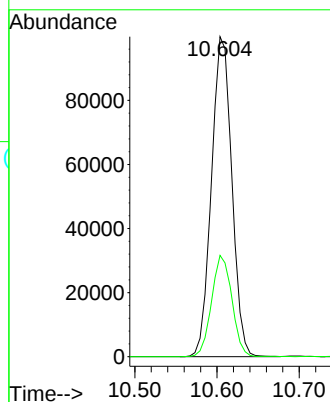
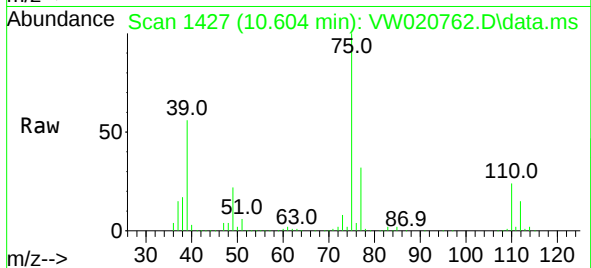




#53
 t-1,3-Dichloropropene
 Concen: 130.171 ug/l
 RT: 10.604 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

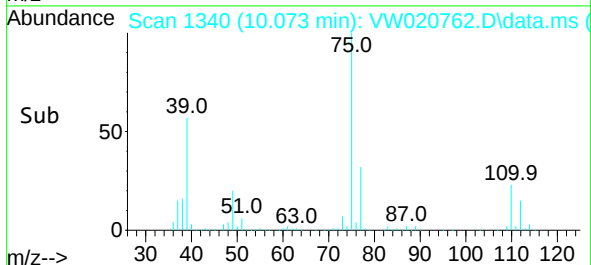
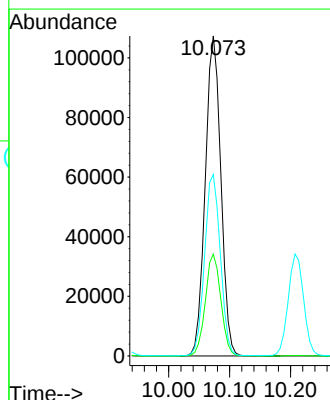
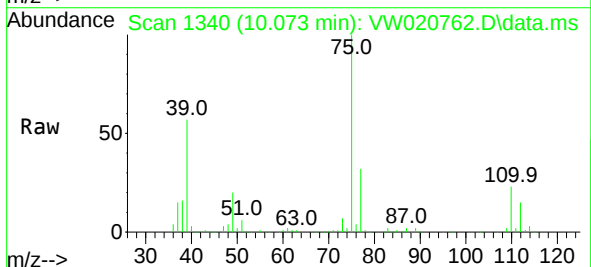
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

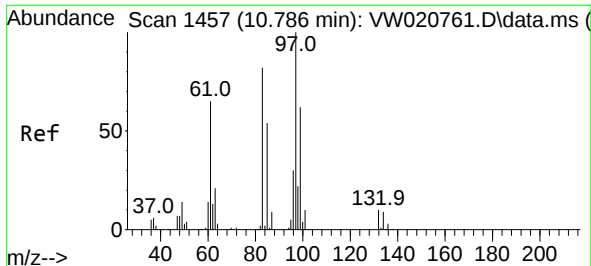
Tgt Ion: 75 Resp: 171854
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 126.330 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

Tgt Ion: 75 Resp: 191037
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 56.6 29.2 43.8#





#55

1,1,2-Trichloroethane

Concen: 105.010 ug/l

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 84687

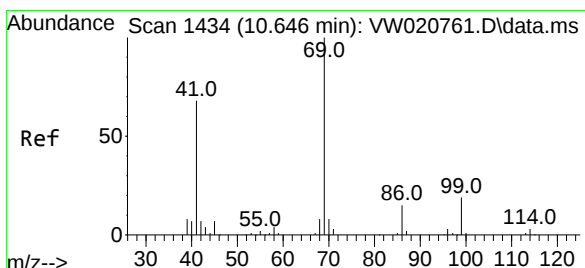
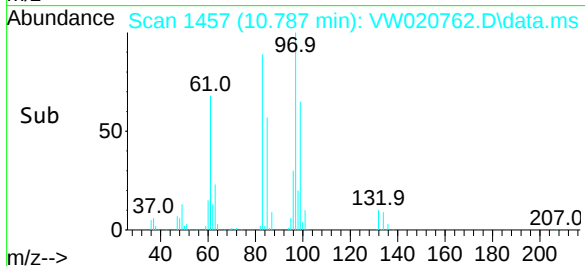
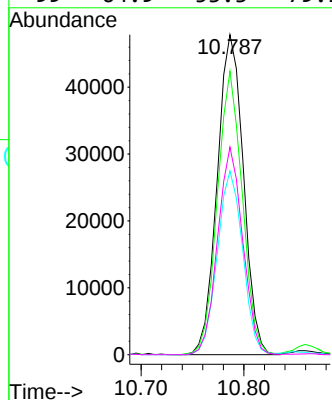
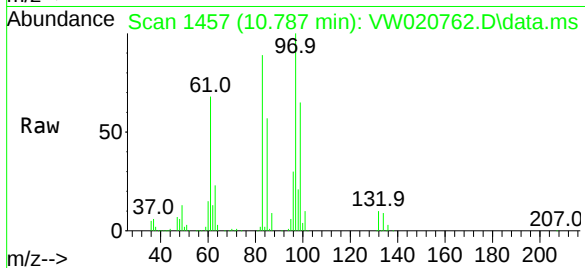
Ion Ratio Lower Upper

97 100

83 88.6 66.5 99.7

85 57.4 43.0 64.6

99 64.9 53.3 79.9



#56

Ethyl methacrylate

Concen: 137.811 ug/l

RT: 10.646 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

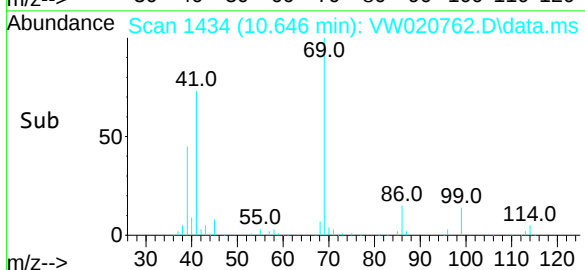
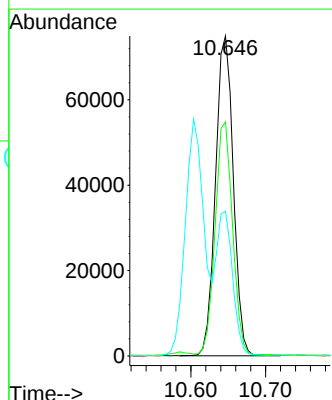
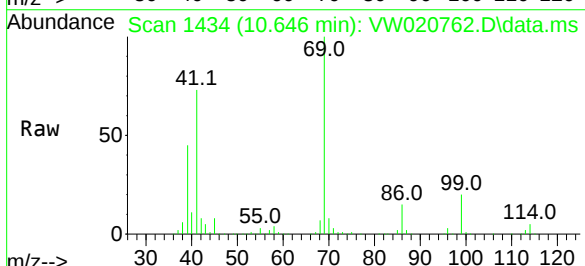
Tgt Ion: 69 Resp: 123634

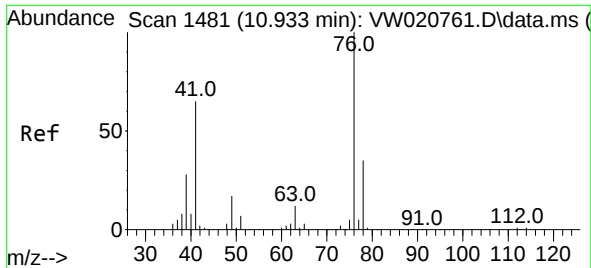
Ion Ratio Lower Upper

69 100

41 71.6 39.2 58.8#

39 40.7 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 115.885 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

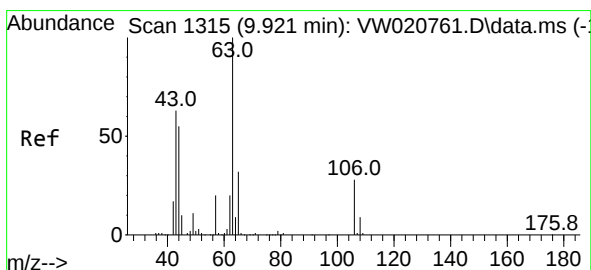
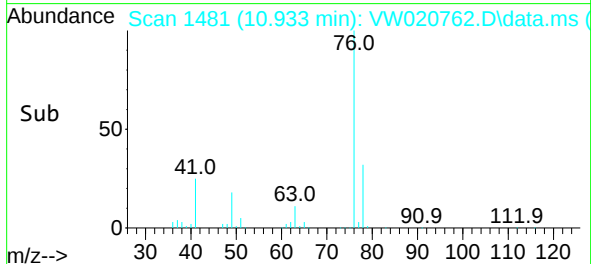
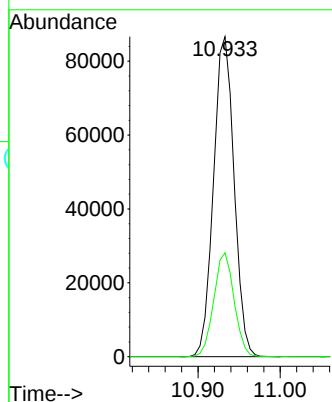
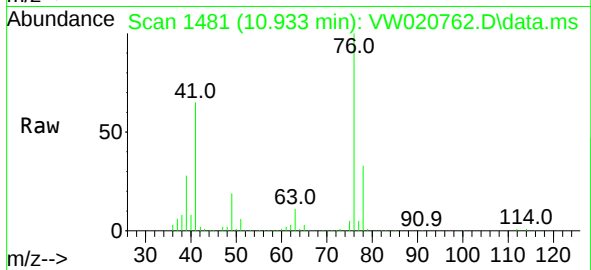
VSTDIC100

Tgt Ion: 76 Resp: 150703

Ion Ratio Lower Upper

76 100

78 32.1 26.7 40.1



#58

2-Chloroethyl Vinyl ether

Concen: 636.626 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VW020762.D

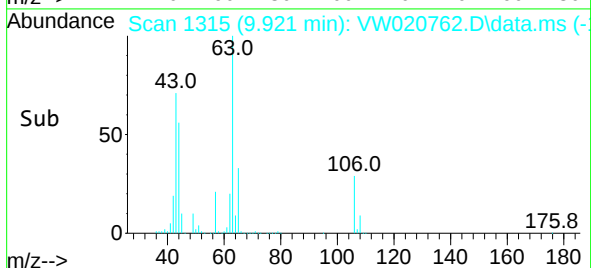
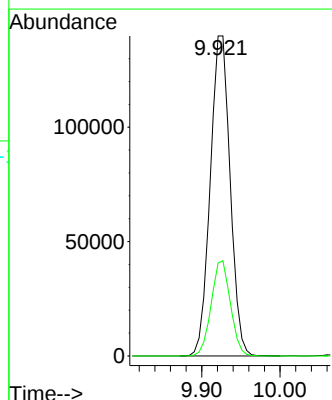
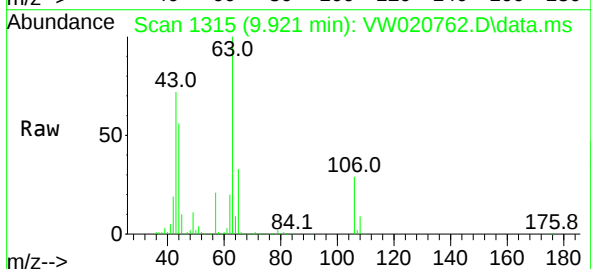
Acq: 04 Nov 2021 14:51

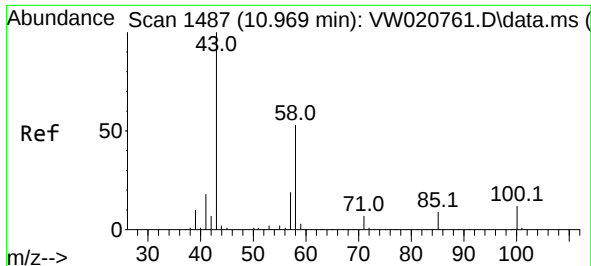
Tgt Ion: 63 Resp: 246932

Ion Ratio Lower Upper

63 100

106 28.7 27.4 41.0





#59

2-Hexanone

Concen: 878.568 ug/l

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

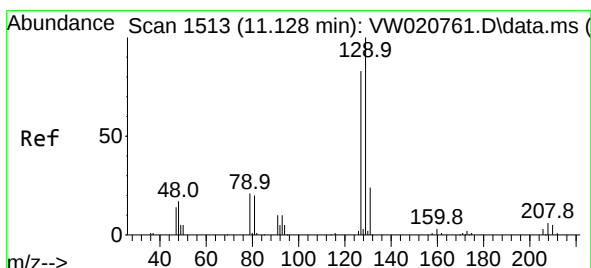
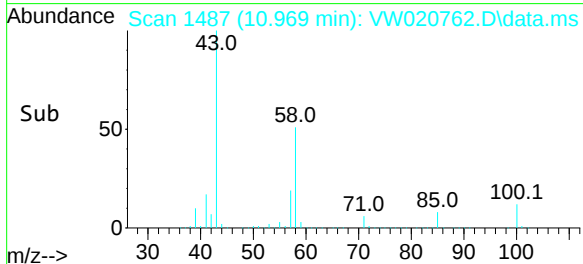
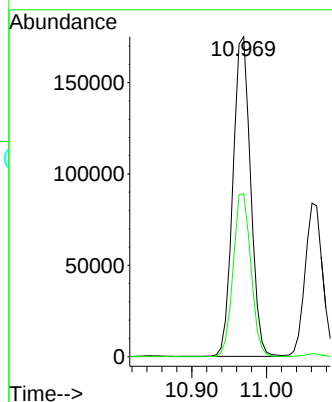
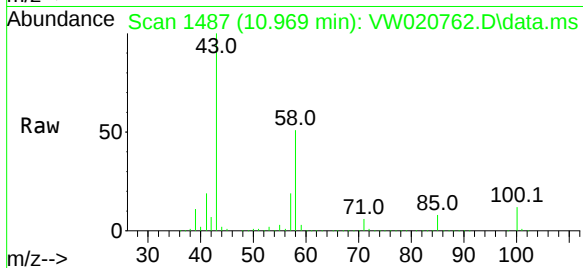
VSTDIC100

Tgt Ion: 43 Resp: 287970

Ion Ratio Lower Upper

43 100

58 51.3 32.5 97.4



#60

Dibromochloromethane

Concen: 110.355 ug/l

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW020762.D

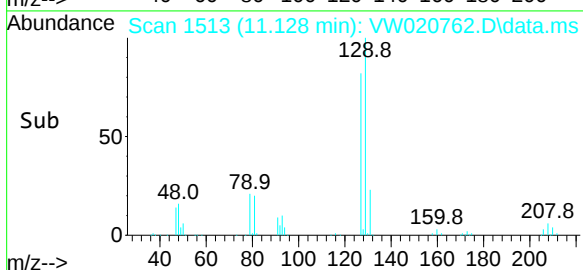
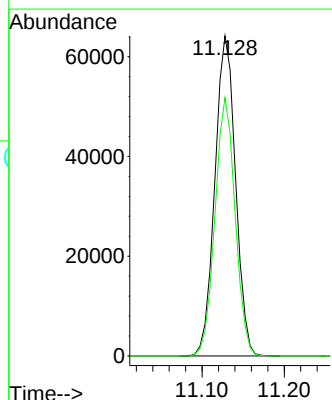
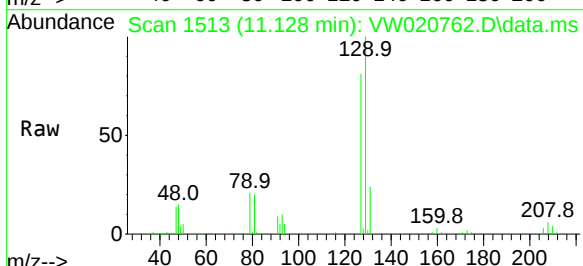
Acq: 04 Nov 2021 14:51

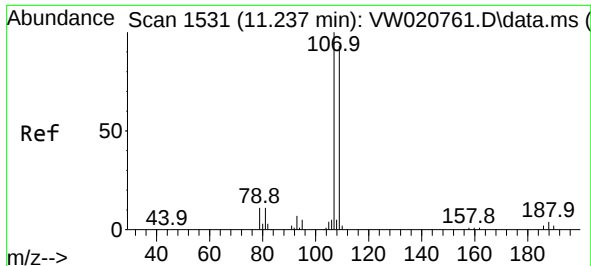
Tgt Ion: 129 Resp: 111938

Ion Ratio Lower Upper

129 100

127 78.9 39.4 118.1

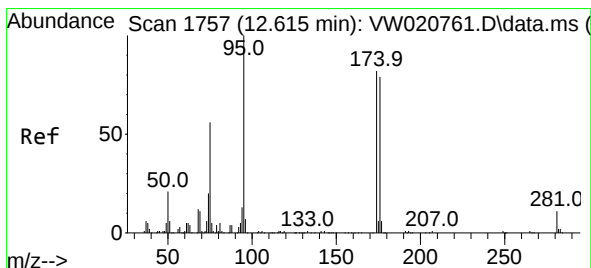
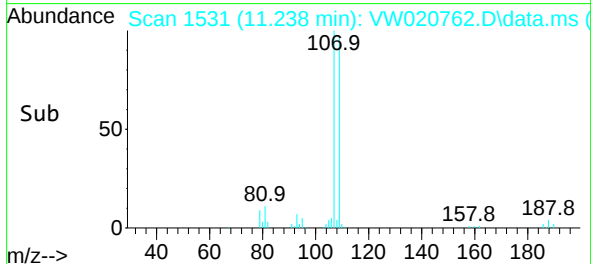
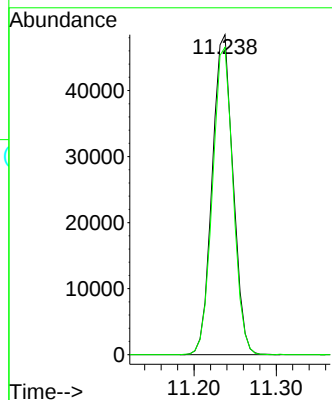
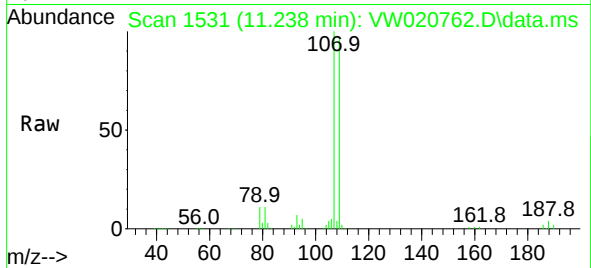




#61
1,2-Dibromoethane
Concen: 107.062 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

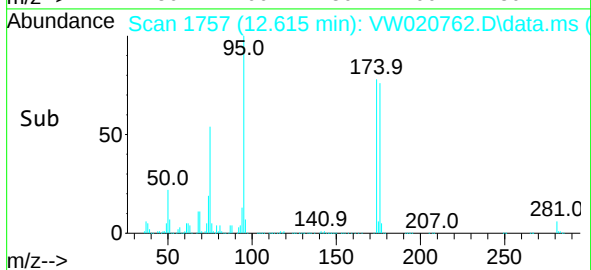
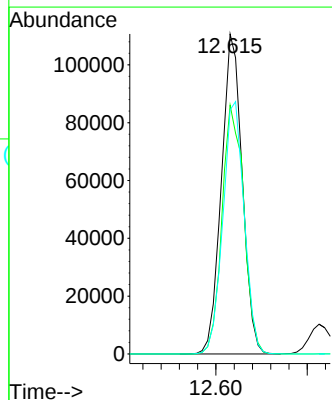
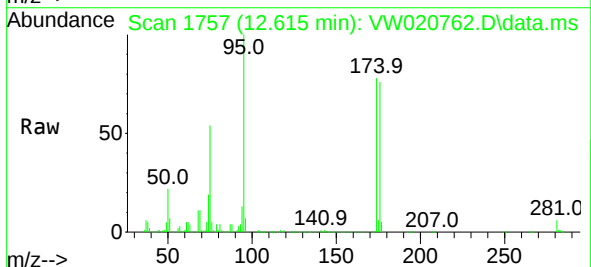
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

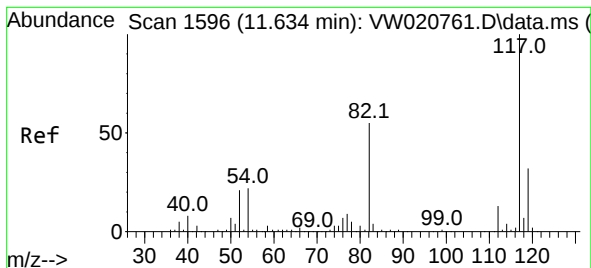
Tgt Ion:107 Resp: 85537
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 126.346 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 95 Resp: 175097
Ion Ratio Lower Upper
95 100
174 81.2 0.0 182.8
176 80.8 0.0 170.4

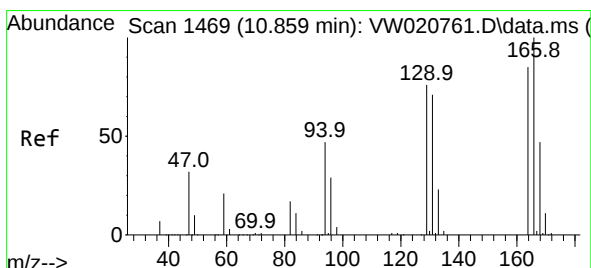
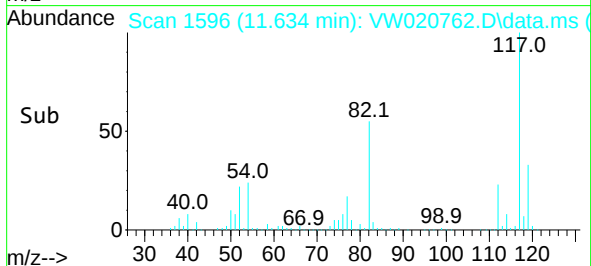
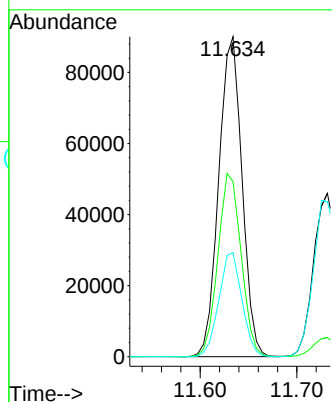
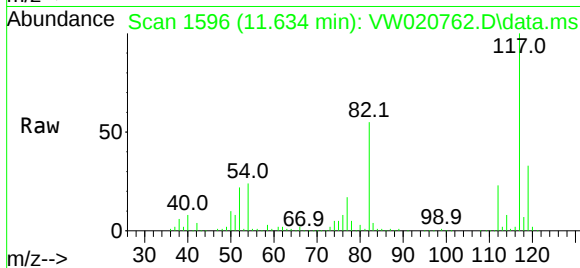




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

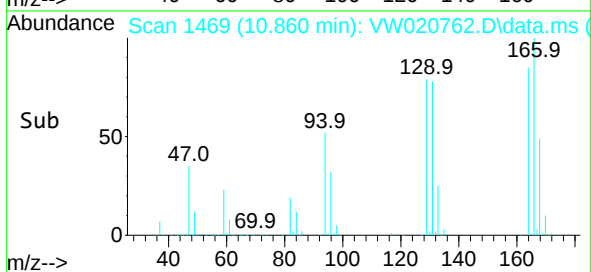
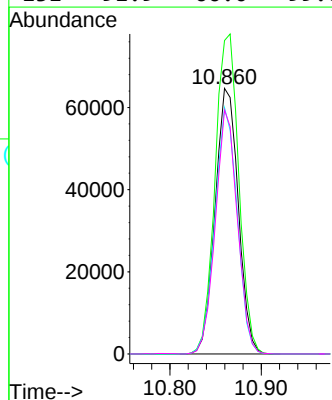
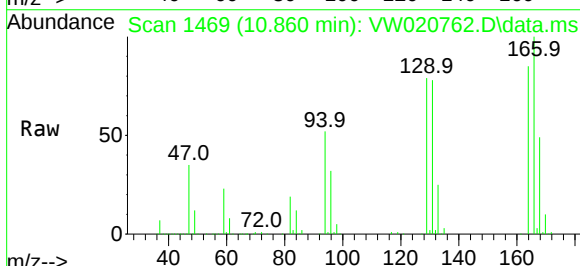
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

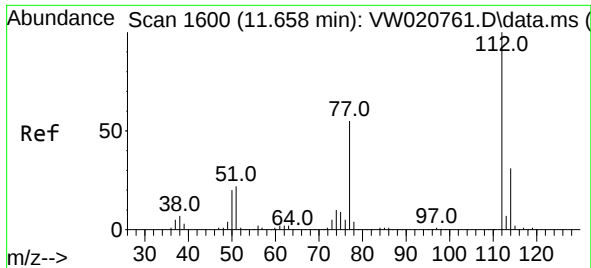
Tgt Ion:117 Resp: 150469
Ion Ratio Lower Upper
117 100
82 54.8 37.0 55.4
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 112.816 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion:164 Resp: 113762
Ion Ratio Lower Upper
164 100
166 118.0 100.5 150.7
129 92.7 75.5 113.3
131 91.9 66.0 99.0

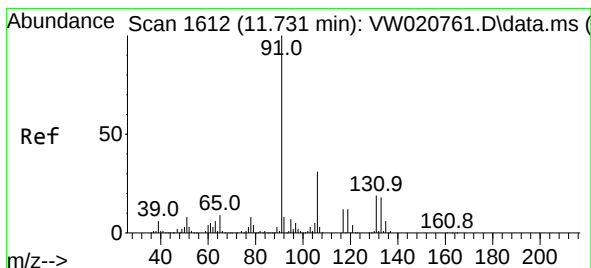
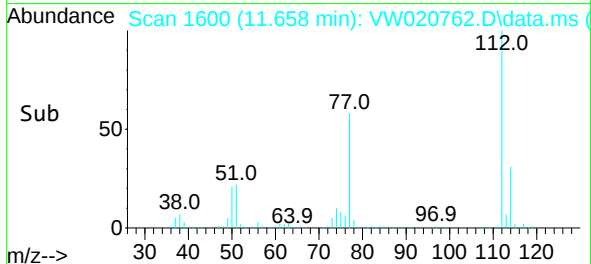
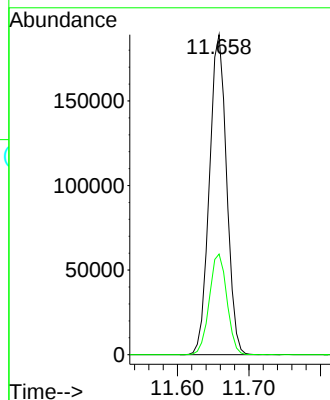
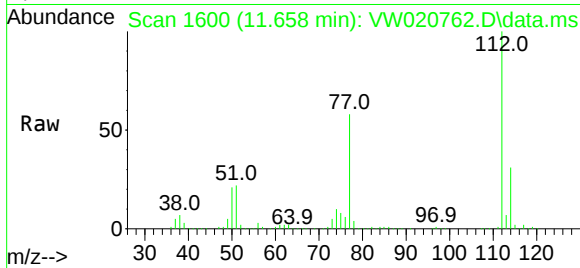




#65
Chlorobenzene
Concen: 109.691 ug/l
RT: 11.658 min Scan# 11600
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

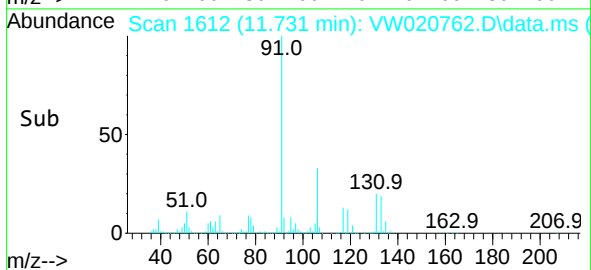
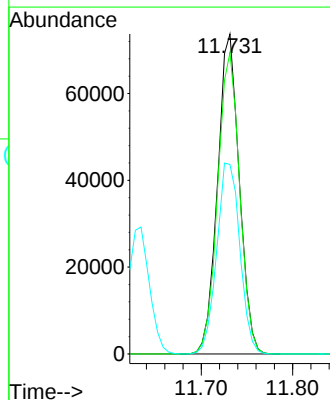
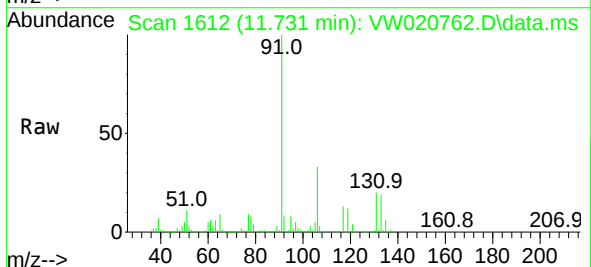
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

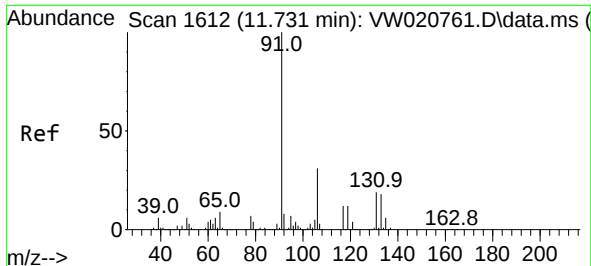
Tgt Ion:112 Resp: 316140
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 113.737 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion:131 Resp: 121637
Ion Ratio Lower Upper
131 100
133 95.2 45.9 137.6
119 63.6 32.1 96.3





#67

Ethyl Benzene

Concen: 119.169 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

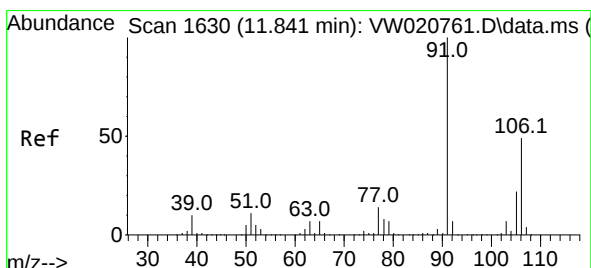
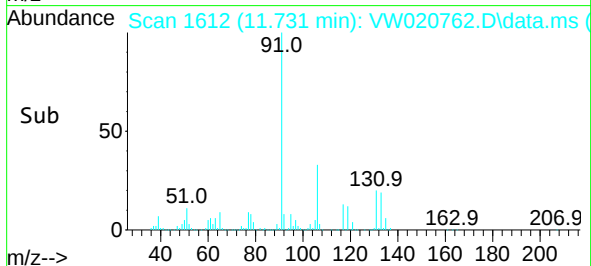
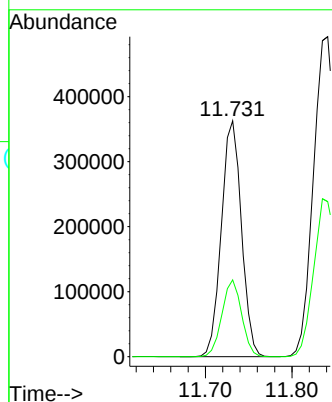
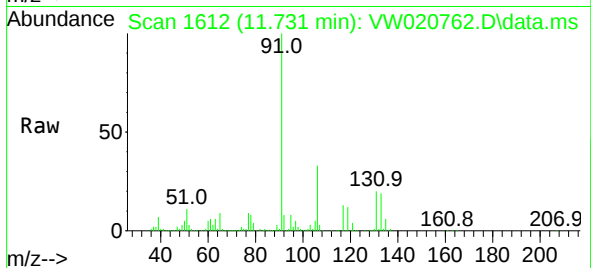
VSTDIC100

Tgt Ion: 91 Resp: 584092

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 232.968 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW020762.D

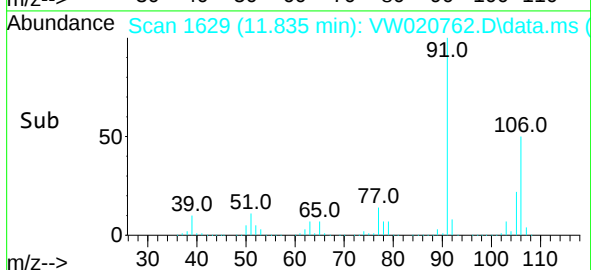
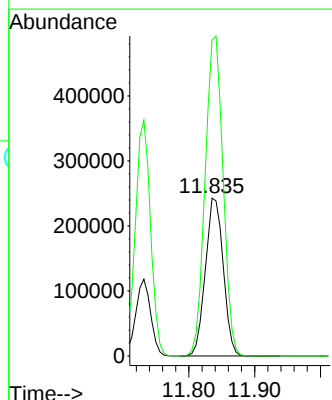
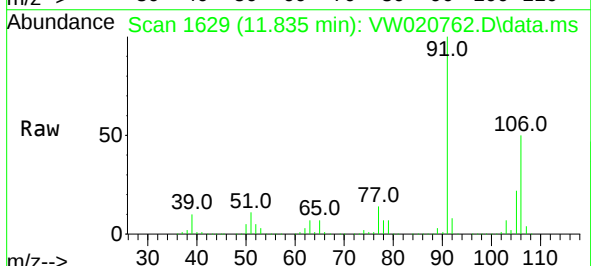
Acq: 04 Nov 2021 14:51

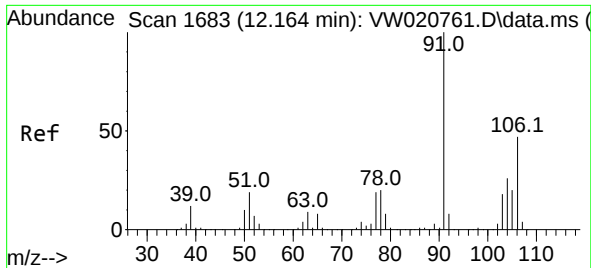
Tgt Ion:106 Resp: 458238

Ion Ratio Lower Upper

106 100

91 203.6 157.8 236.8

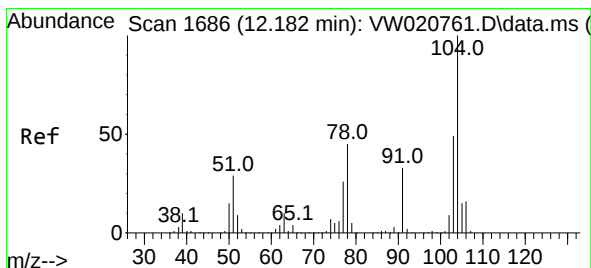
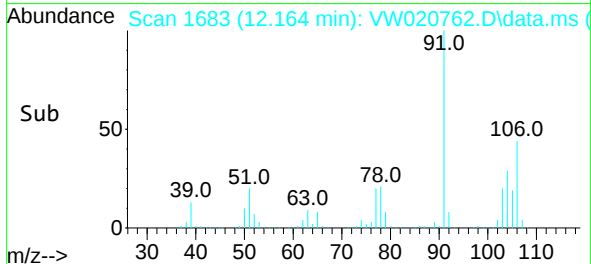
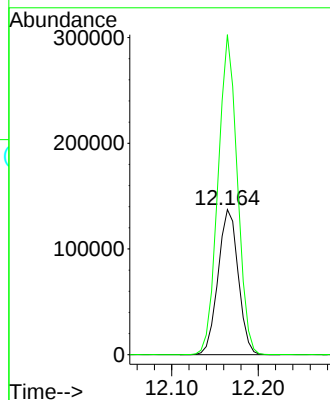
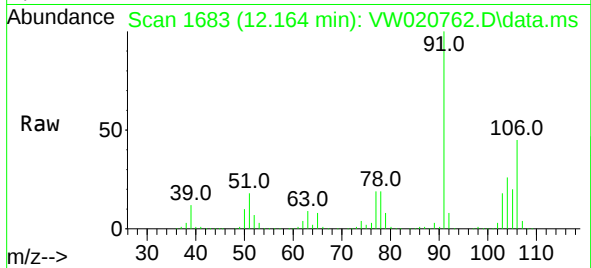




#69
o-Xylene
Concen: 120.191 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

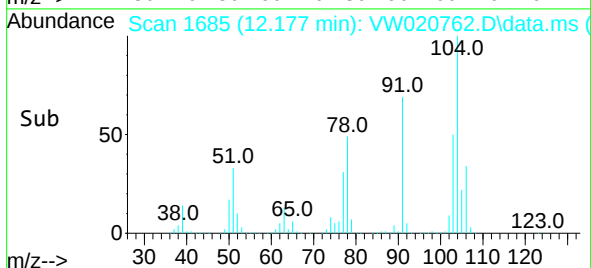
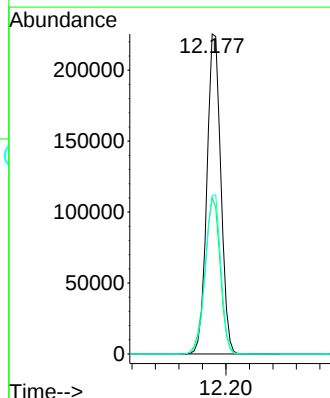
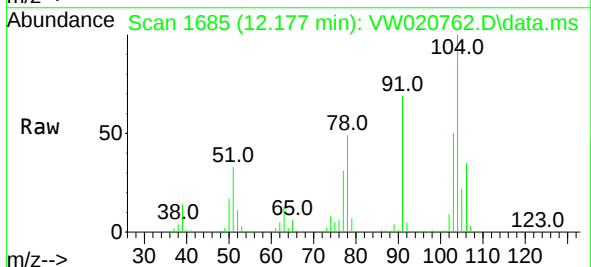
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

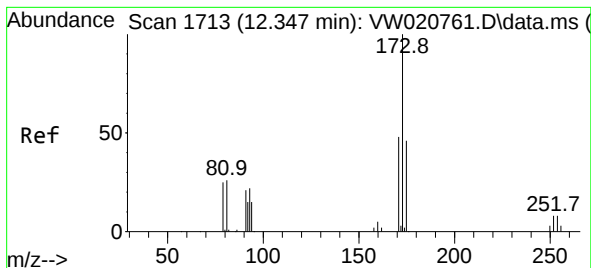
Tgt Ion:106 Resp: 221759
Ion Ratio Lower Upper
106 100
91 211.3 103.6 310.8



#70
Styrene
Concen: 120.278 ug/l
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion:104 Resp: 371645
Ion Ratio Lower Upper
104 100
78 53.1 36.4 54.6
103 54.7 45.0 67.6





#71

Bromoform

Concen: 120.155 ug/l

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

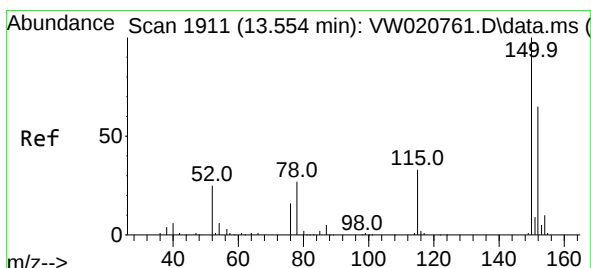
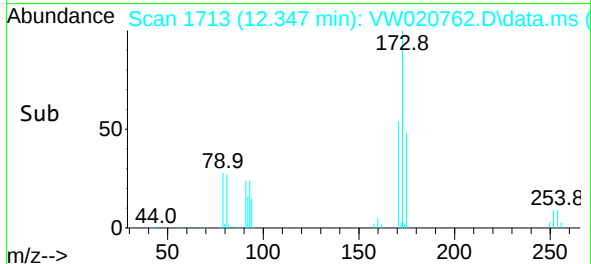
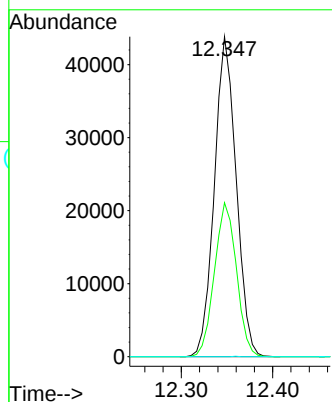
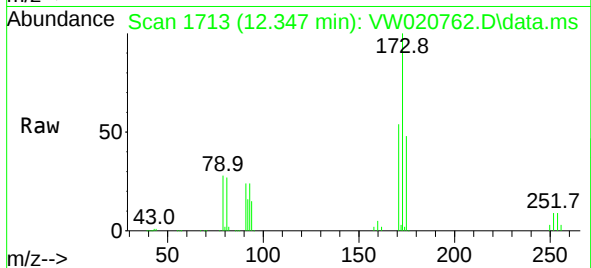
Tgt Ion:173 Resp: 72626

Ion Ratio Lower Upper

173 100

175 48.5 24.8 74.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.554 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

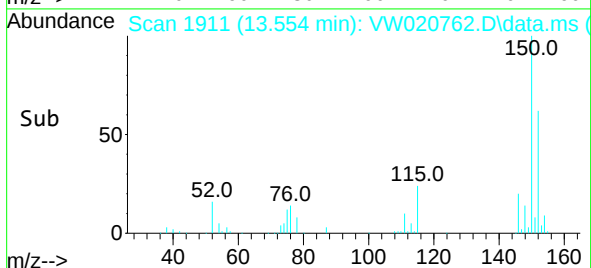
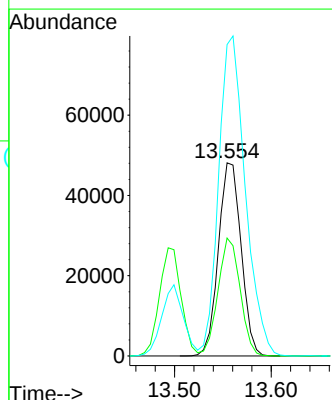
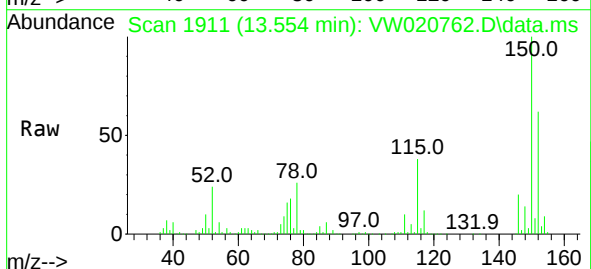
Tgt Ion:152 Resp: 78542

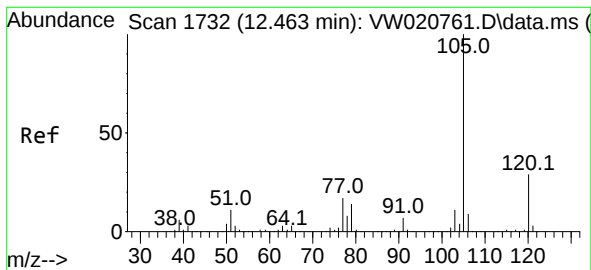
Ion Ratio Lower Upper

152 100

115 59.5 26.6 79.8

150 194.4 0.0 333.0





#73

Isopropylbenzene

Concen: 121.807 ug/l

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

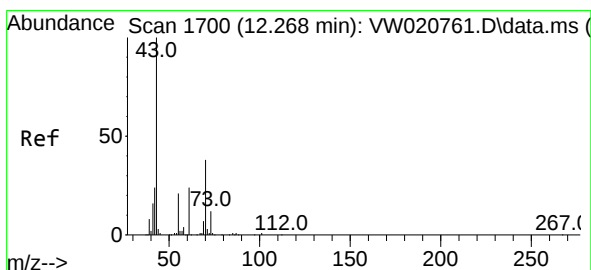
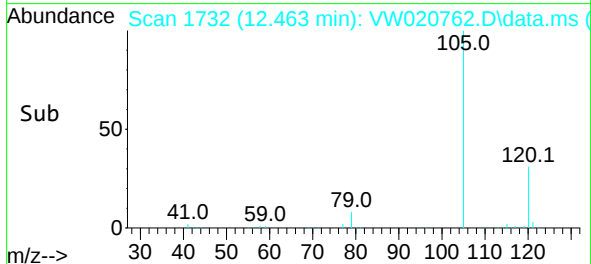
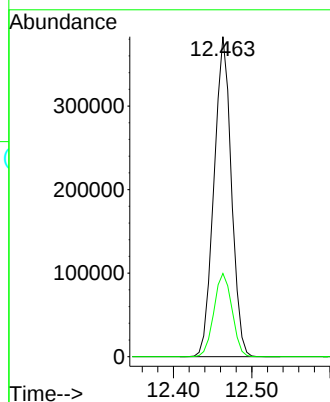
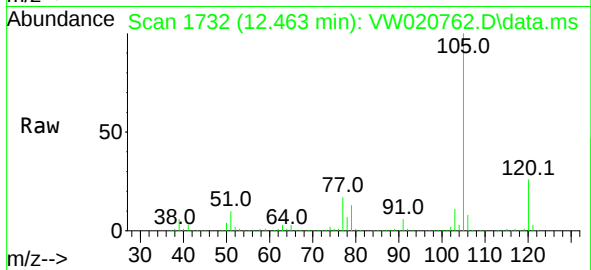
VSTDIC100

Tgt Ion:105 Resp: 590351

Ion Ratio Lower Upper

105 100

120 27.0 13.8 41.4



#74

N-ethyl acetate

Concen: 190.410 ug/l

RT: 12.274 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Tgt Ion: 43 Resp: 159679

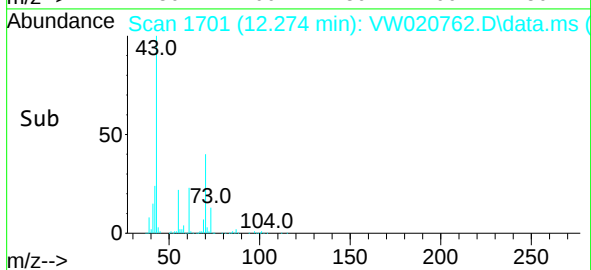
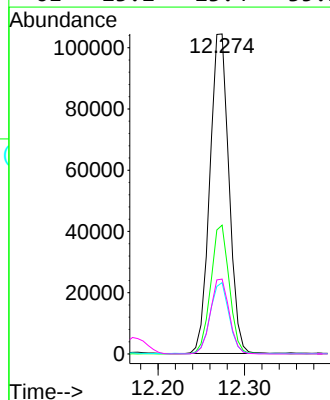
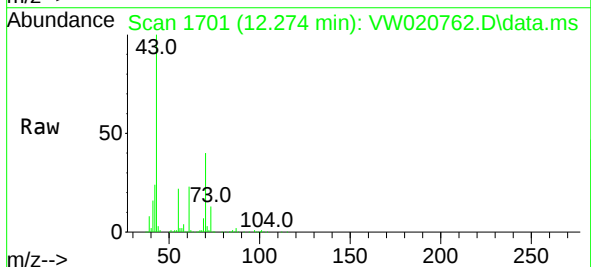
Ion Ratio Lower Upper

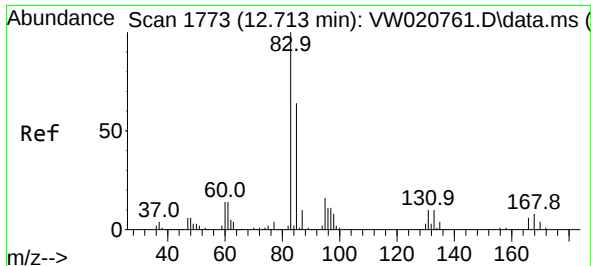
43 100

70 39.3 44.7 67.1#

55 21.8 23.5 35.3#

61 23.2 23.4 35.2#

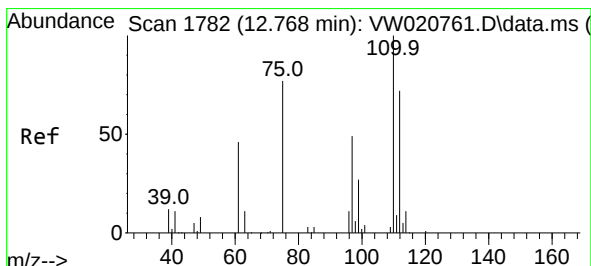
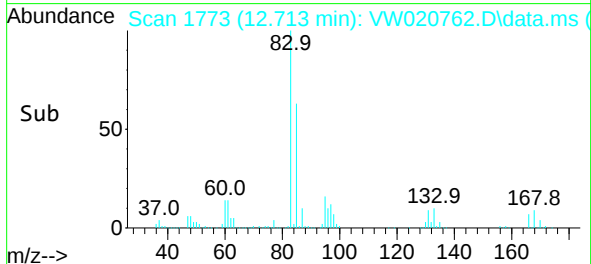
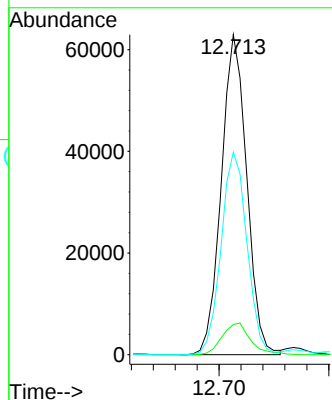
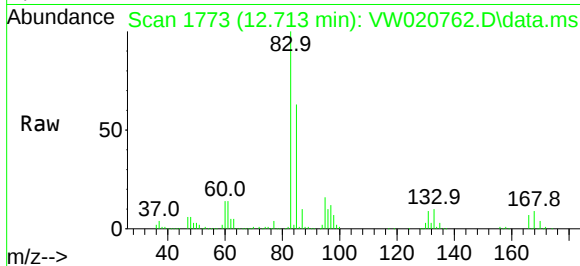




#75
 1,1,2,2-Tetrachloroethane
 Concen: 114.728 ug/l
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

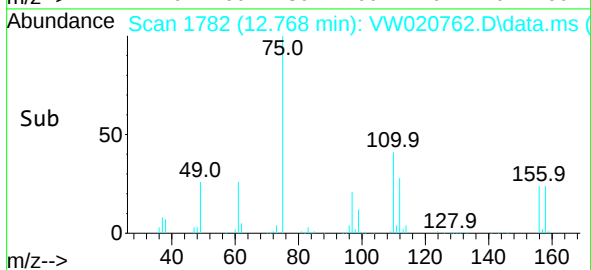
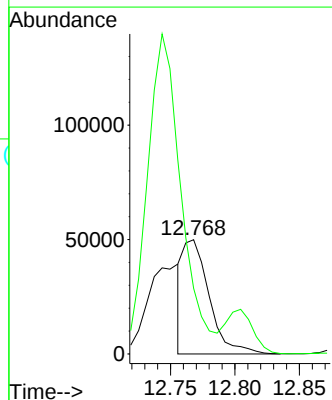
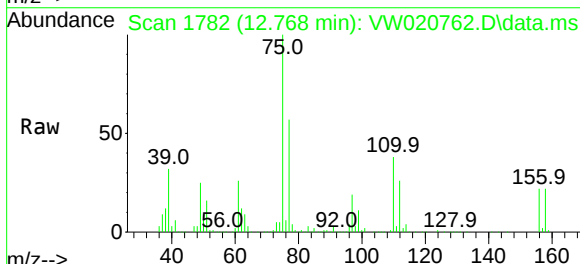
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

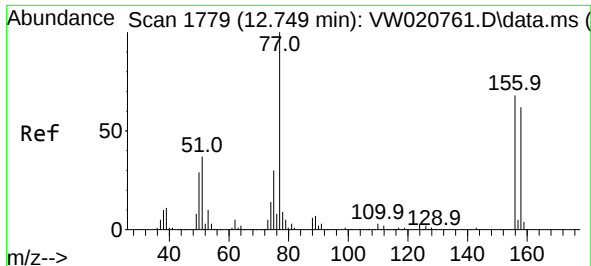
Tgt Ion: 83 Resp: 101421
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.9 17.7
 85 64.4 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 110.810 ug/l m
 RT: 12.768 min Scan# 1782
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

Tgt Ion: 75 Resp: 70140
 Ion Ratio Lower Upper
 75 100
 77 0.0 143.3 430.0#

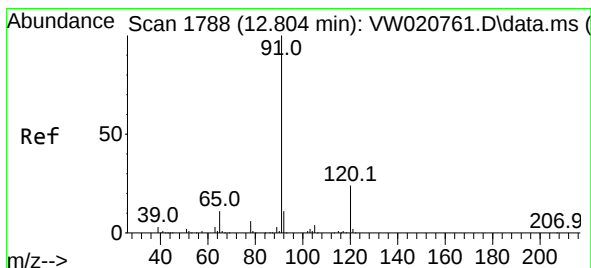
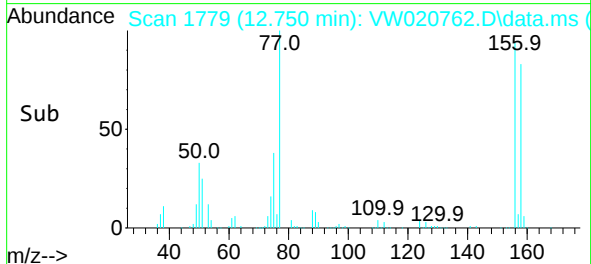
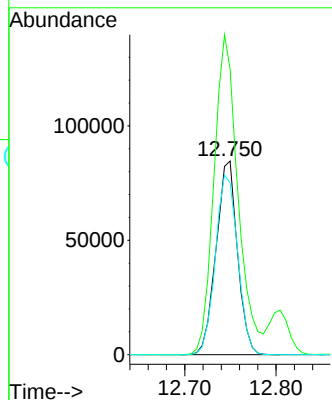
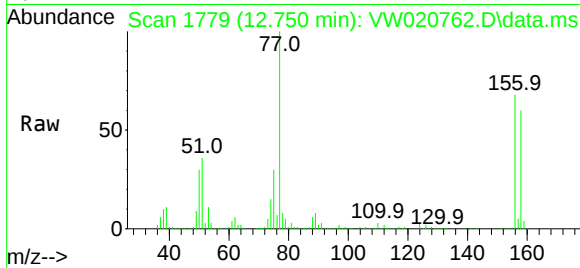




#77
Bromobenzene
Concen: 114.475 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

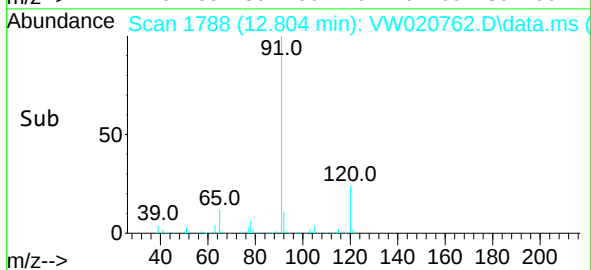
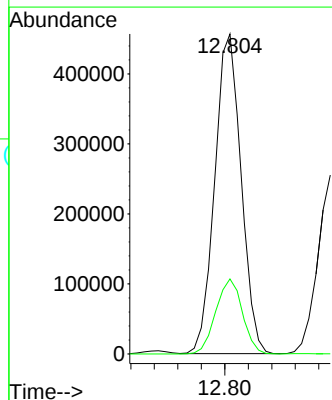
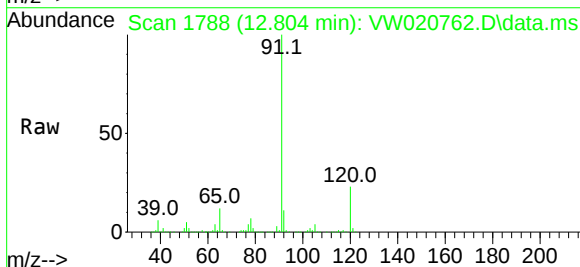
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

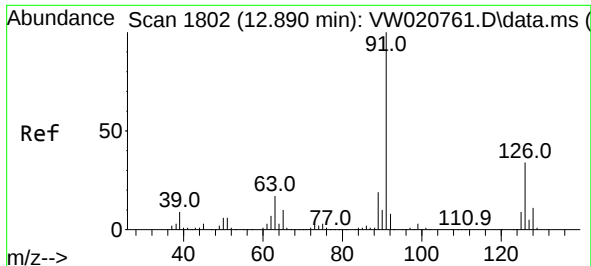
Tgt Ion:156 Resp: 137580
Ion Ratio Lower Upper
156 100
77 185.6 78.5 235.3
158 96.8 49.4 148.2



#78
n-propylbenzene
Concen: 121.059 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 91 Resp: 711110
Ion Ratio Lower Upper
91 100
120 23.7 12.1 36.3

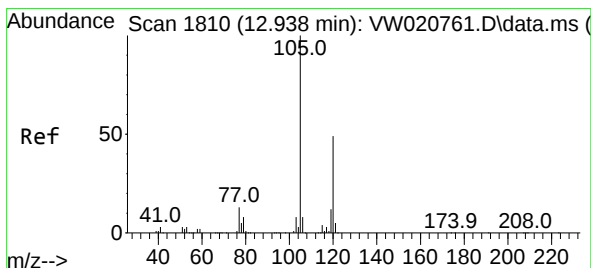
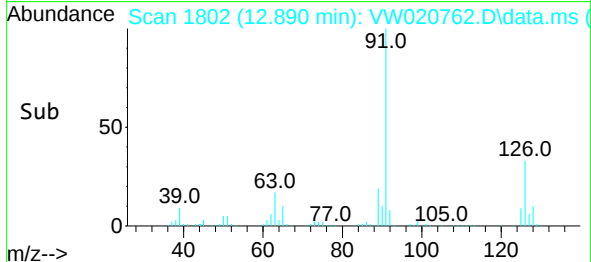
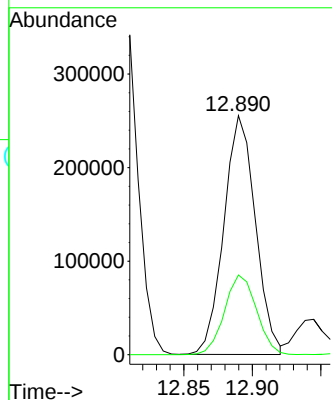
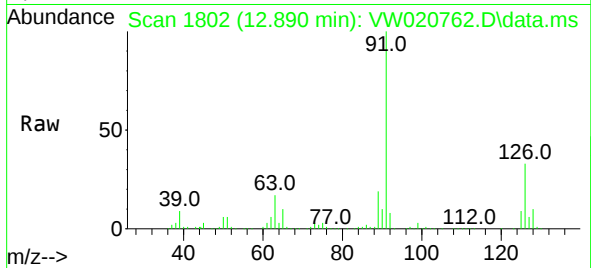




#79
2-Chlorotoluene
Concen: 122.773 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

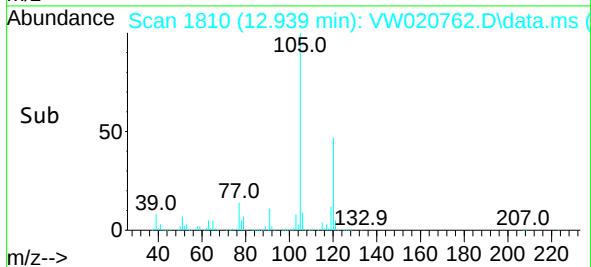
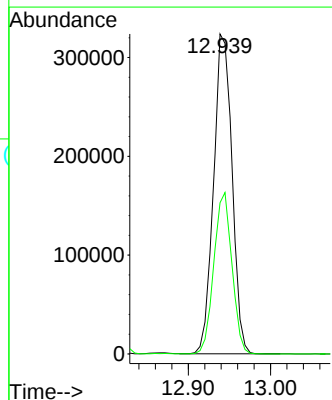
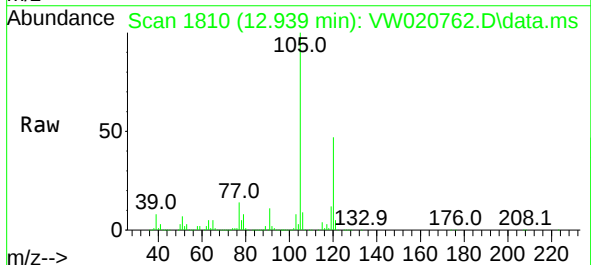
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

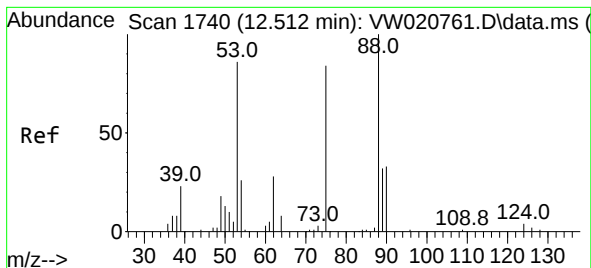
Tgt Ion: 91 Resp: 409136
Ion Ratio Lower Upper
91 100
126 33.8 18.6 55.6



#80
1,3,5-Trimethylbenzene
Concen: 121.500 ug/l
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion:105 Resp: 505676
Ion Ratio Lower Upper
105 100
120 49.4 24.6 74.0

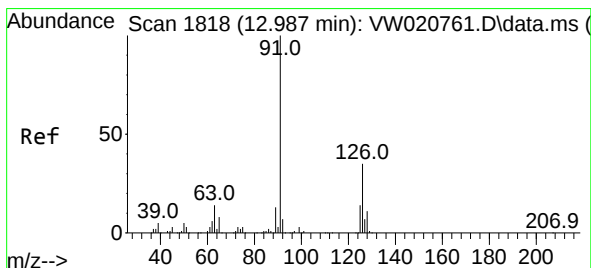
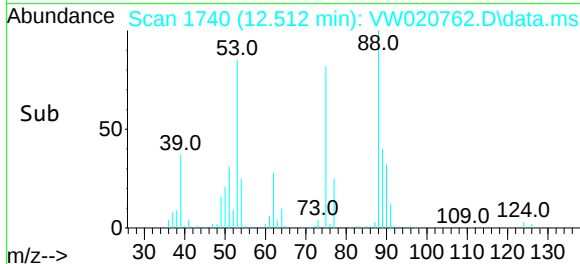
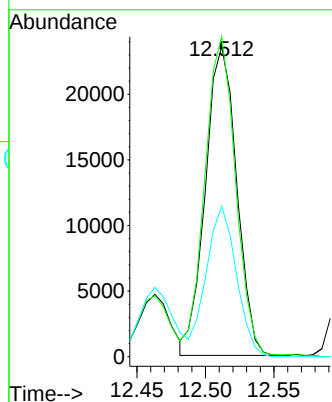
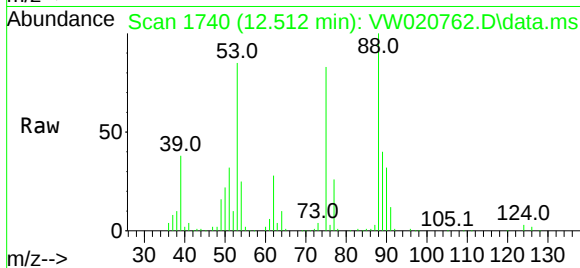




#81
trans-1,4-Dichloro-2-butene
Concen: 143.330 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

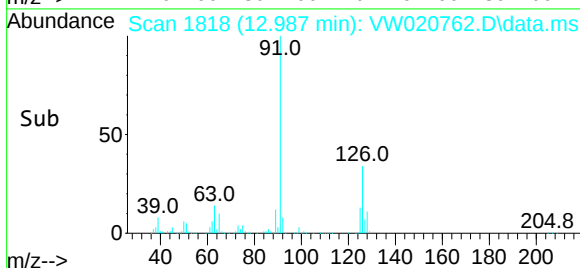
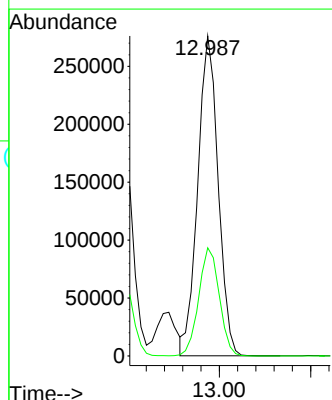
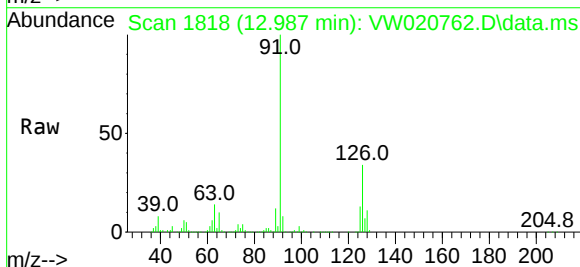
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

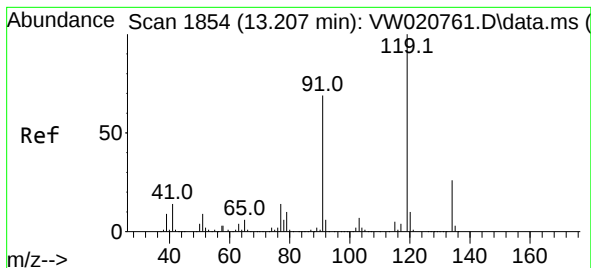
Tgt Ion: 75 Resp: 37416
Ion Ratio Lower Upper
75 100
53 100.8 67.7 101.5
89 46.6 37.5 56.3



#82
4-Chlorotoluene
Concen: 122.700 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 91 Resp: 426772
Ion Ratio Lower Upper
91 100
126 34.2 17.6 52.8

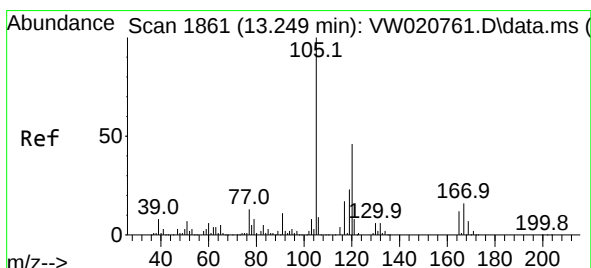
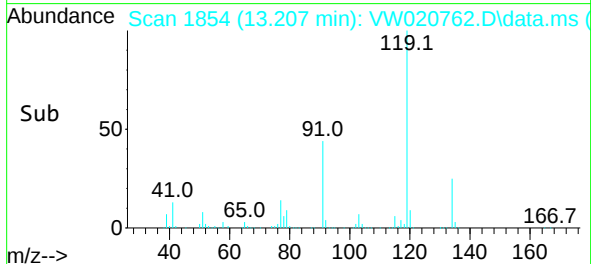
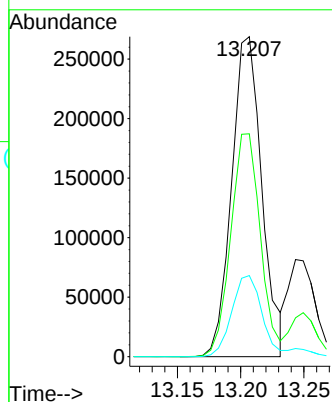
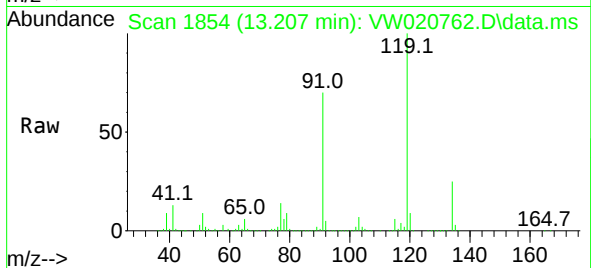




#83
 tert-Butylbenzene
 Concen: 123.150 ug/l
 RT: 13.207 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

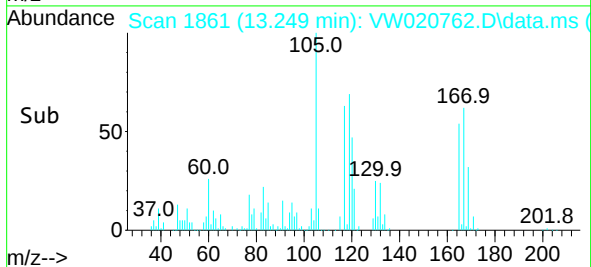
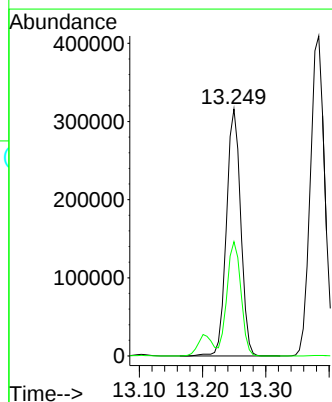
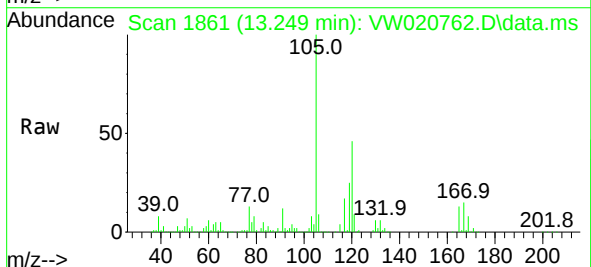
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

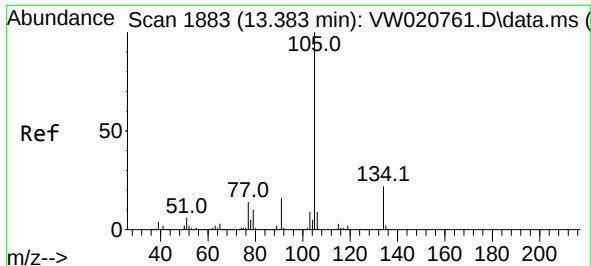
Tgt Ion:119 Resp: 447125
 Ion Ratio Lower Upper
 119 100
 91 68.2 30.9 92.8
 134 25.5 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 120.478 ug/l
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

Tgt Ion:105 Resp: 492769
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1

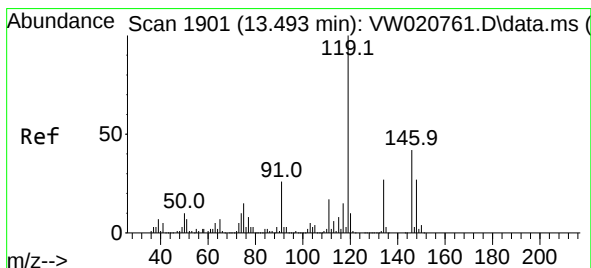
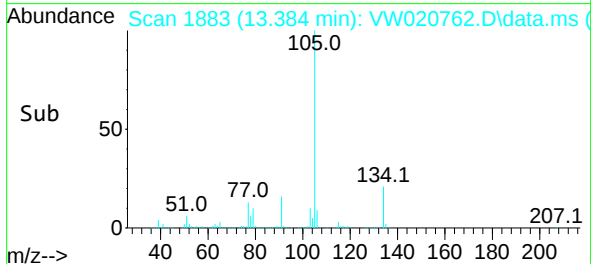
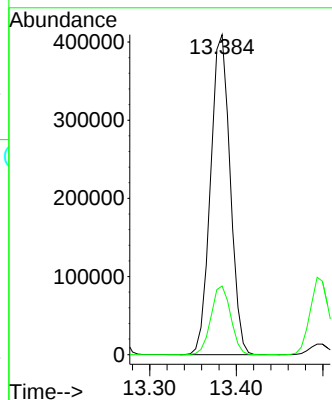
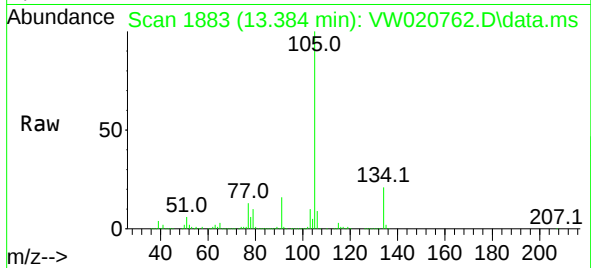




#85
 sec-Butylbenzene
 Concen: 117.121 ug/l
 RT: 13.384 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

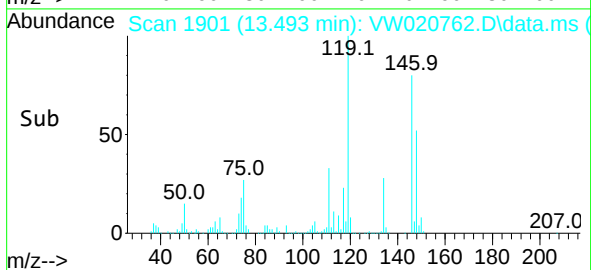
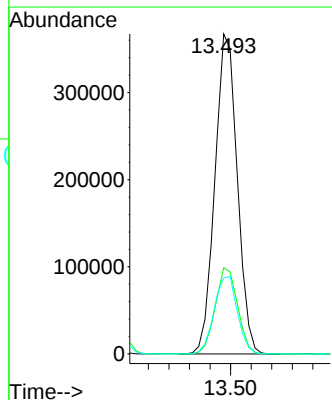
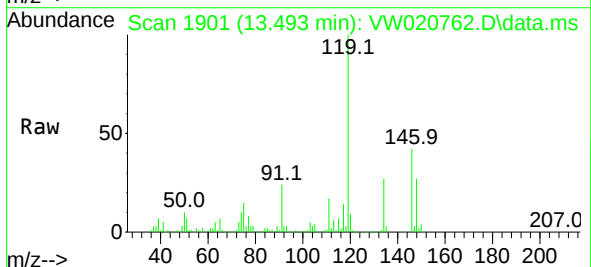
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

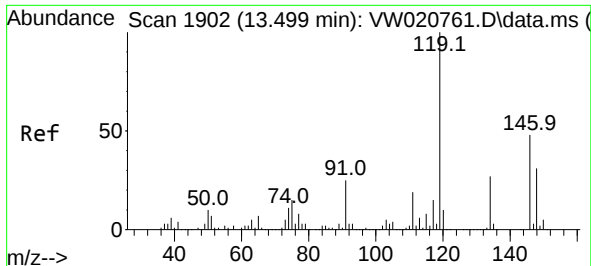
Tgt Ion:105 Resp: 643095
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 120.036 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020762.D
 Acq: 04 Nov 2021 14:51

Tgt Ion:119 Resp: 553343
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.8 41.3
 91 25.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 107.017 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

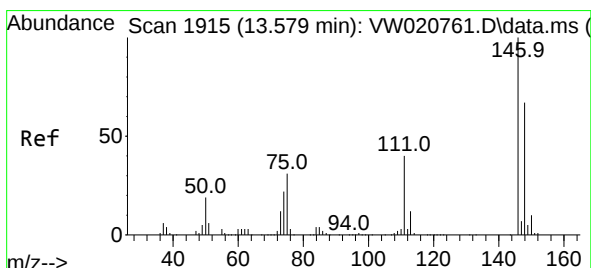
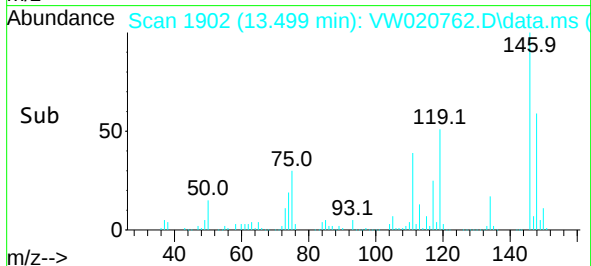
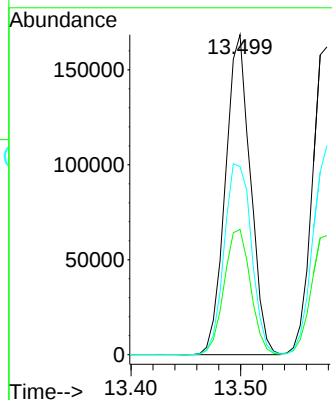
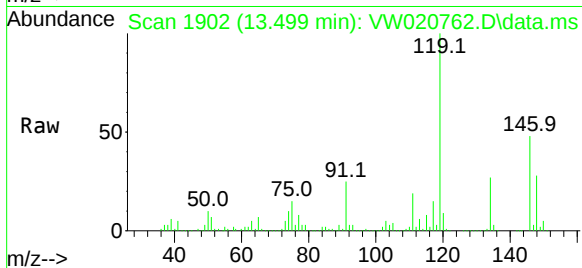
Tgt Ion:146 Resp: 267648

Ion Ratio Lower Upper

146 100

111 41.2 19.0 57.0

148 65.1 30.1 90.3



#88

1,4-Dichlorobenzene

Concen: 106.966 ug/l

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

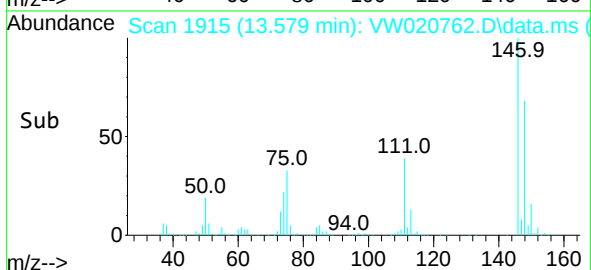
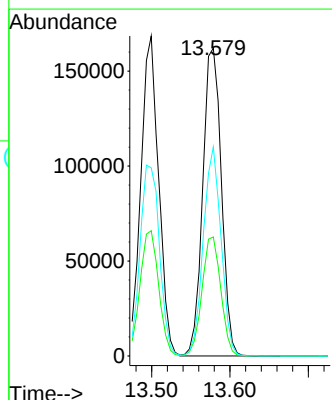
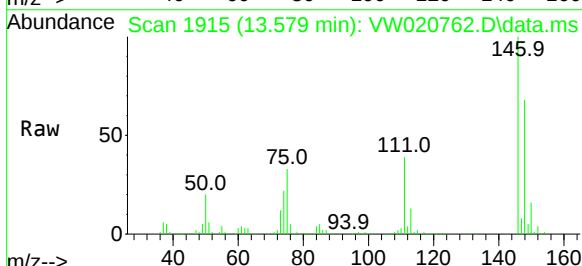
Tgt Ion:146 Resp: 267471

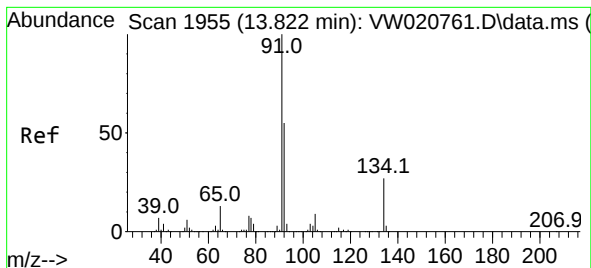
Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.3

148 64.8 33.6 100.8





#89

n-Butylbenzene

Concen: 118.694 ug/l

RT: 13.823 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

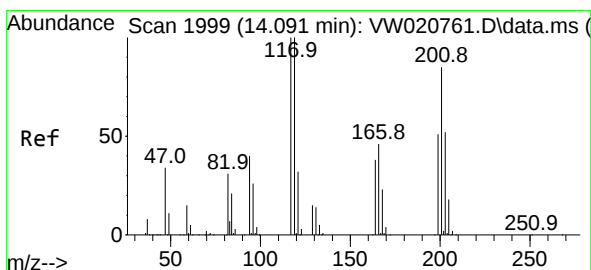
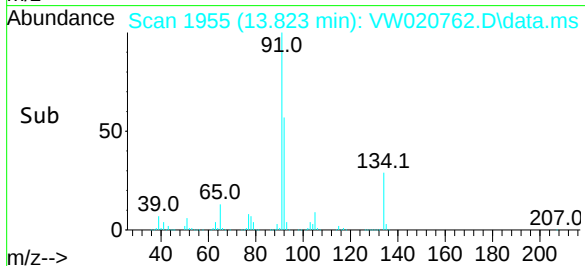
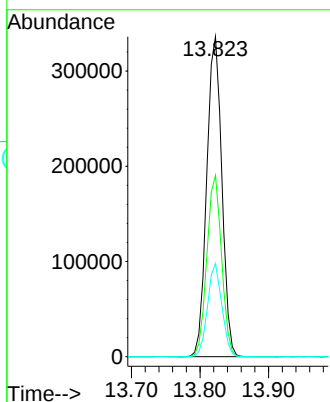
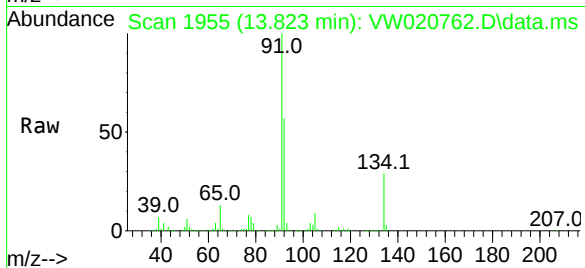
Tgt Ion: 91 Resp: 513610

Ion Ratio Lower Upper

91 100

92 55.4 27.1 81.2

134 27.6 14.4 43.0



#90

Hexachloroethane

Concen: 120.889 ug/l

RT: 14.091 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VW020762.D

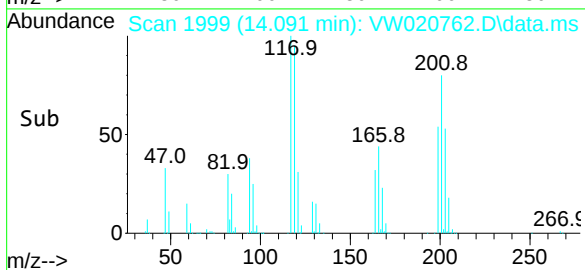
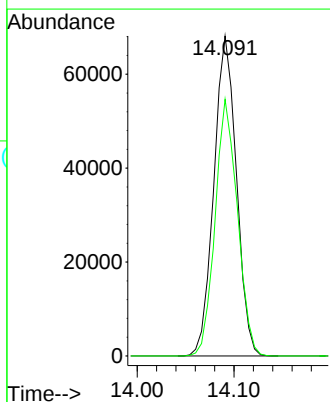
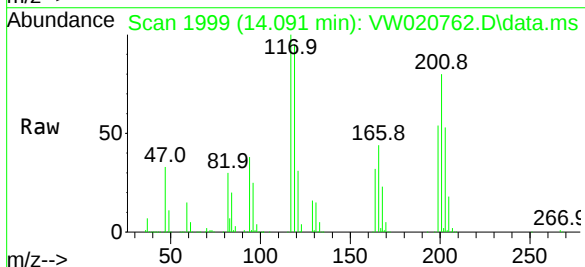
Acq: 04 Nov 2021 14:51

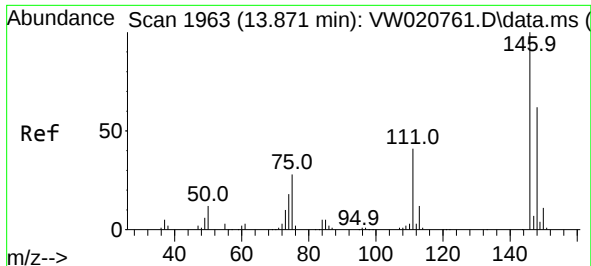
Tgt Ion: 117 Resp: 110313

Ion Ratio Lower Upper

117 100

201 79.2 36.5 109.5

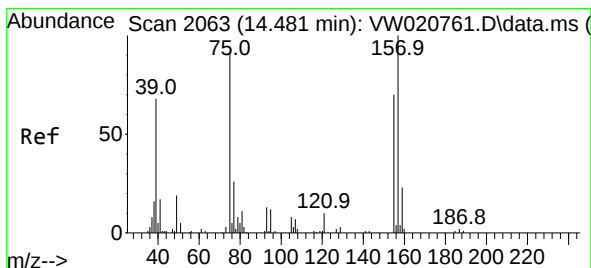
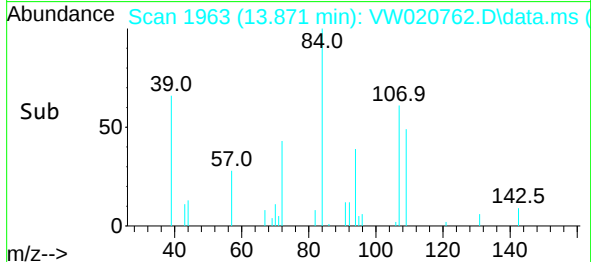
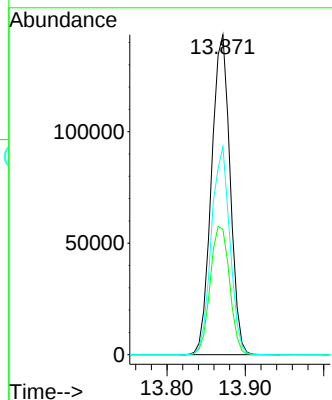
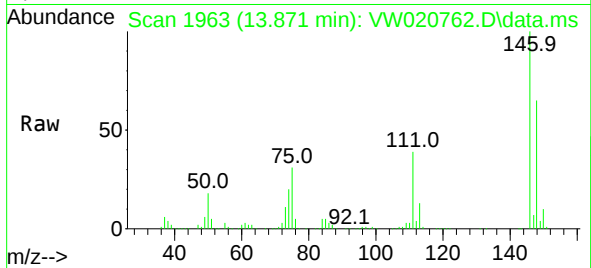




#91
1,2-Dichlorobenzene
Concen: 106.267 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

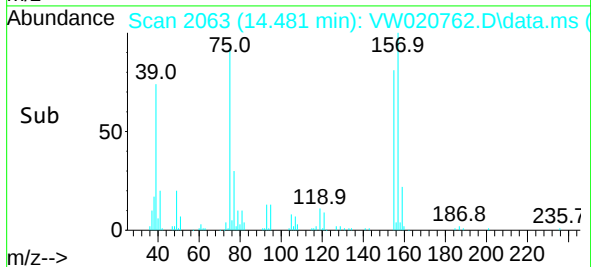
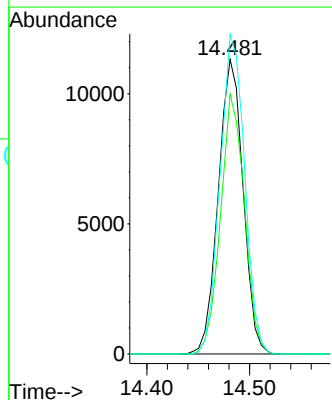
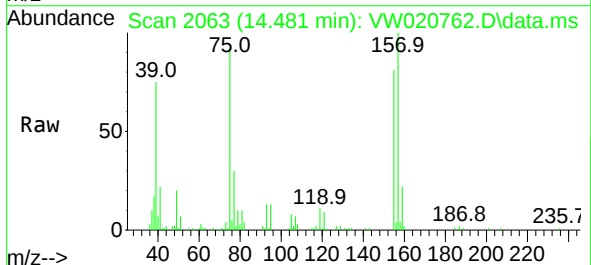
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

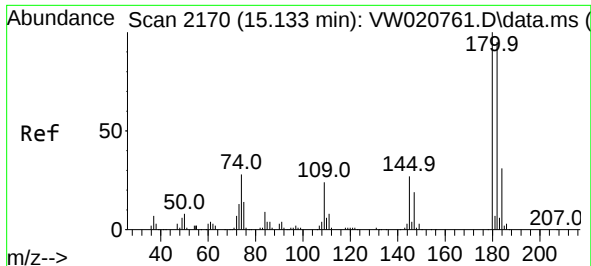
Tgt Ion:146 Resp: 236670
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 64.5 33.2 99.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 141.190 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020762.D
Acq: 04 Nov 2021 14:51

Tgt Ion: 75 Resp: 18913
Ion Ratio Lower Upper
75 100
155 85.3 52.8 158.4
157 107.8 61.5 184.4





#93

1,2,4-Trichlorobenzene

Concen: 116.637 ug/l

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

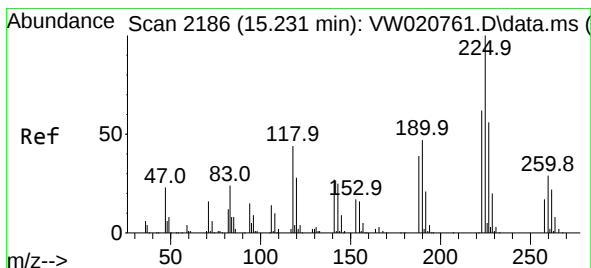
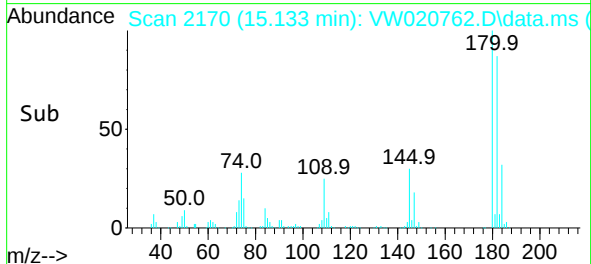
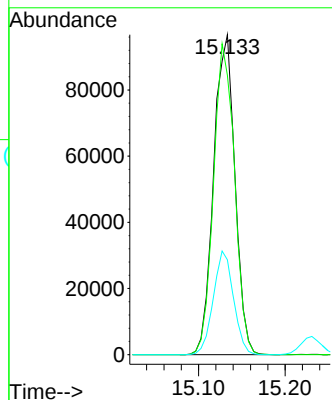
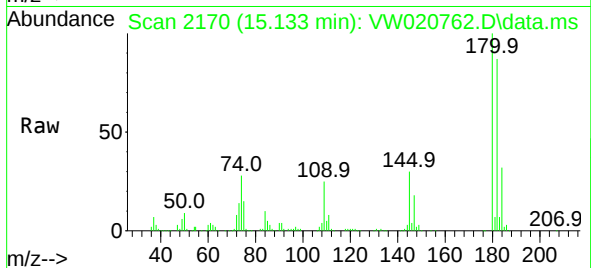
Tgt Ion:180 Resp: 165033

Ion Ratio Lower Upper

180 100

182 95.9 47.1 141.3

145 30.8 14.7 44.1



#94

Hexachlorobutadiene

Concen: 128.142 ug/l

RT: 15.231 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

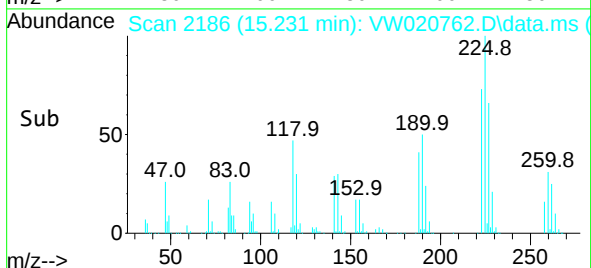
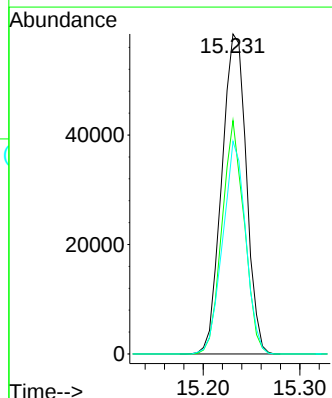
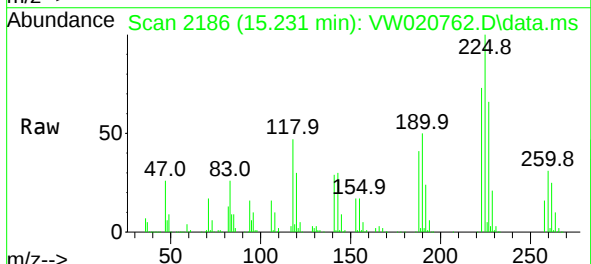
Tgt Ion:225 Resp: 102952

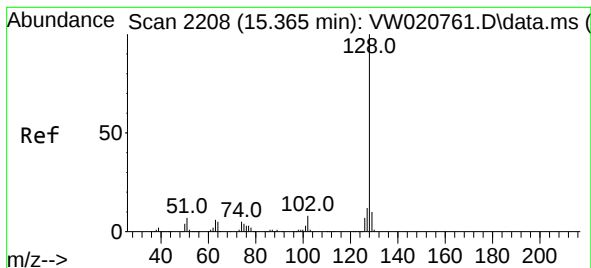
Ion Ratio Lower Upper

225 100

223 65.7 34.6 103.9

227 62.3 30.6 92.0





#95

Naphthalene

Concen: 122.289 ug/l

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

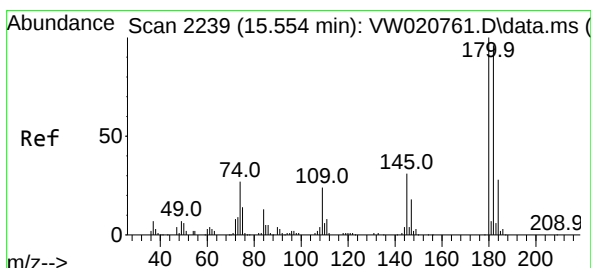
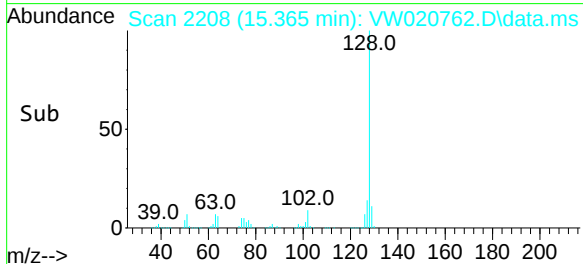
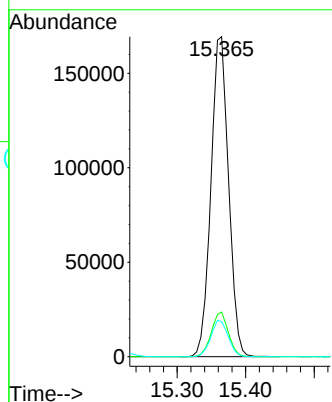
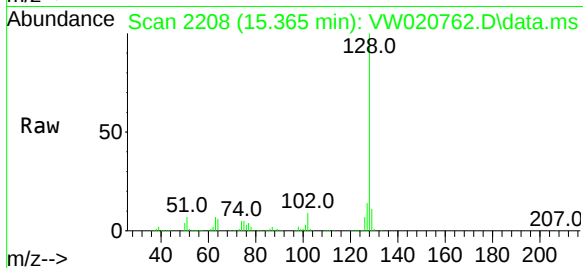
Tgt Ion:128 Resp: 302344

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 116.743 ug/l

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW020762.D

Acq: 04 Nov 2021 14:51

Tgt Ion:180 Resp: 141397

Ion Ratio Lower Upper

180 100

182 97.4 47.3 141.8

145 33.5 16.3 48.8

