

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020891.D
 Acq On : 15 Nov 2021 13:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 03:58:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 15 12:12:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	123566	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	113646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65675	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38572	26.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.640%	
7) Chloroethane-d5	2.885	69	23086	24.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 99.880%	
11) 1,1-Dichloroethene-d2	4.025	63	70013	25.246	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.000%	
21) 2-Butanone-d5	7.080	46	18782	52.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.000%	
24) Chloroform-d	7.653	84	79997	25.694	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.760%	
26) 1,2-Dichloroethane-d4	8.305	65	40940	25.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.640%	
32) Benzene-d6	8.275	84	155383	25.942	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.760%	
36) 1,2-Dichloropropane-d6	9.274	67	43670	25.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.400%	
41) Toluene-d8	10.323	98	156862	26.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.560%	
43) trans-1,3-Dichloroprop...	10.579	79	21027	26.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 104.320%	
47) 2-Hexanone-d5	10.920	63	15892	56.179	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.360%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	36028	27.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.280%	
66) 1,2-Dichlorobenzene-d4	13.847	152	58202	24.865	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.440%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	9903	27.692	ug/L	98
3) Chloromethane	2.215	50	24268	22.321	ug/L	98
5) Vinyl chloride	2.361	62	44165	23.485	ug/L	91
6) Bromomethane	2.782	94	23466	22.504	ug/L	100
8) Chloroethane	2.922	64	17660	22.338	ug/L	96
9) Trichlorofluoromethane	3.257	101	25363	23.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	39939	23.984	ug/L	90
12) 1,1-Dichloroethene	4.044	96	36204	23.384	ug/L	83
13) Acetone	4.129	43	15425	48.292	ug/L	91
14) Carbon disulfide	4.385	76	93259	22.272	ug/L	100
15) Methyl Acetate	4.678	43	14214	24.814	ug/L	# 91
16) Methylene chloride	4.915	84	36753	21.326	ug/L	87
17) trans-1,2-Dichloroethene	5.427	96	38926	23.328	ug/L	82
18) Methyl tert-butyl Ether	5.427	73	61113	24.400	ug/L	93
19) 1,1-Dichloroethane	6.220	63	66311	23.984	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	42927	23.870	ug/L	69
22) 2-Butanone	7.171	43	20600	47.469	ug/L	87
23) Bromochloromethane	7.519	128	19877	24.177	ug/L	# 64
25) Chloroform	7.677	83	72709	24.061	ug/L	99

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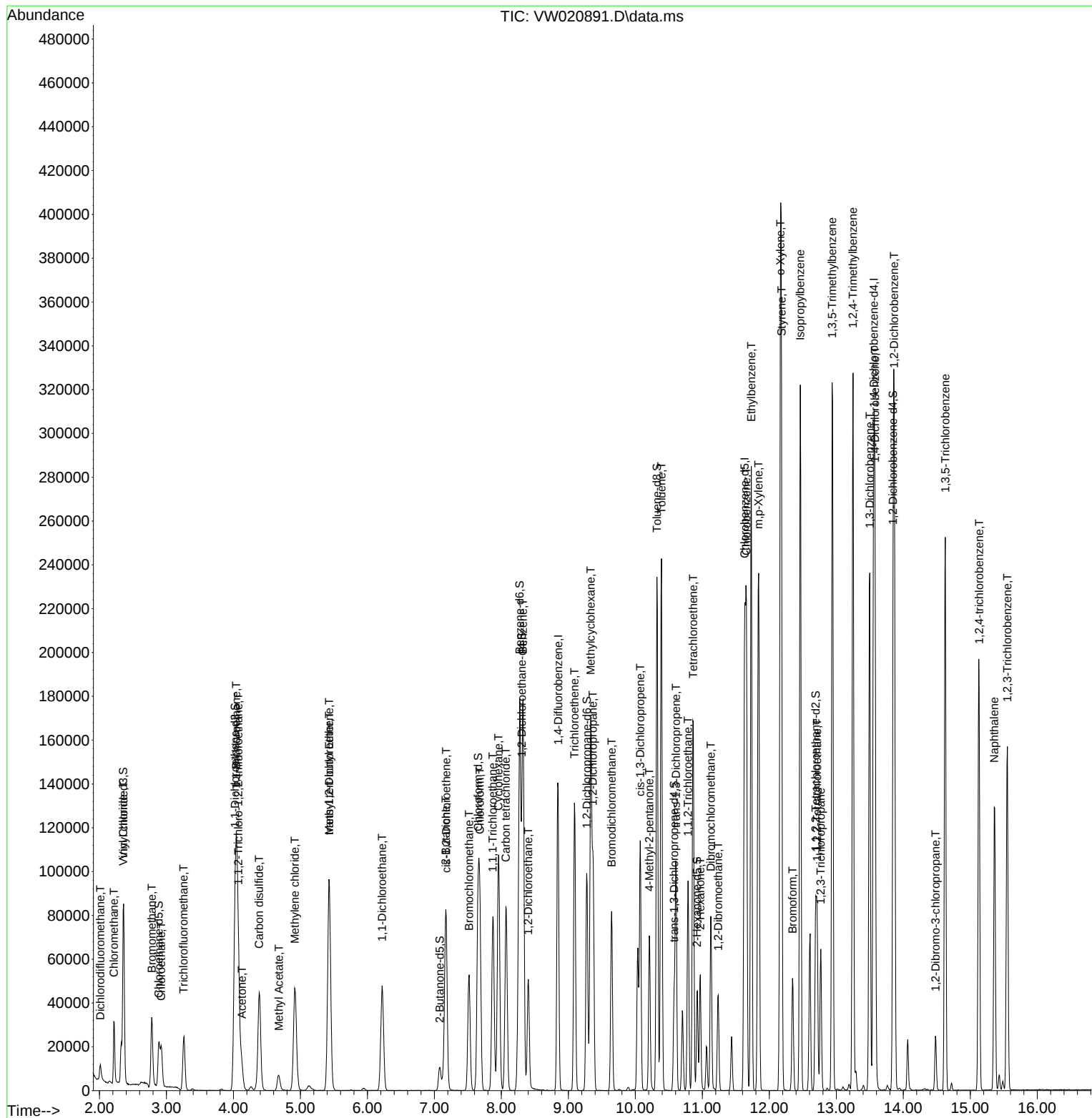
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	44391	24.260	ug/L	98
29) Cyclohexane	7.957	56	59690	23.559	ug/L	86
30) 1,1,1-Trichloroethane	7.872	97	65898	24.113	ug/L	93
31) Carbon tetrachloride	8.067	117	62995	24.354	ug/L	99
33) Benzene	8.323	78	152226	23.657	ug/L	100
34) Trichloroethene	9.091	95	43004	23.894	ug/L	90
35) Methylcyclohexane	9.335	83	70387	23.720	ug/L	85
37) 1,2-Dichloropropane	9.366	63	36376	24.291	ug/L #	96
38) Bromodichloromethane	9.646	83	53669	24.973	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	62082	25.108	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	44779	50.238	ug/L #	93
42) Toluene	10.390	91	173925	24.030	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	54226	24.954	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	28982	24.884	ug/L	95
46) Tetrachloroethene	10.866	164	38987	23.592	ug/L	94
48) 2-Hexanone	10.969	43	33742	54.651	ug/L #	96
49) Dibromochloromethane	11.128	129	39113	24.359	ug/L	98
50) 1,2-Dibromoethane	11.237	107	29153	24.966	ug/L #	95
51) Chlorobenzene	11.658	112	116791	24.262	ug/L	90
52) Ethylbenzene	11.731	91	190603	23.766	ug/L	97
53) m,p-Xylene	11.841	106	79513	24.283	ug/L	87
54) o-Xylene	12.164	106	74368	23.649	ug/L	94
55) Styrene	12.182	104	128309	24.572	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	33833	26.209	ug/L #	96
59) Bromoform	12.347	173	24420	24.938	ug/L	100
60) Isopropylbenzene	12.463	105	208690	23.330	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	23954	24.866	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	176213	23.352	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	176900	23.761	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	102789	24.510	ug/L	85
65) 1,4-Dichlorobenzene	13.578	146	100033	23.646	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	87414	23.654	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5544	24.072	ug/L #	52
69) 1,3,5-Trichlorobenzene	14.627	180	82714	24.901	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	65845	24.230	ug/L	96
71) Naphthalene	15.359	128	114900	25.949	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	52694	22.979	ug/L	97

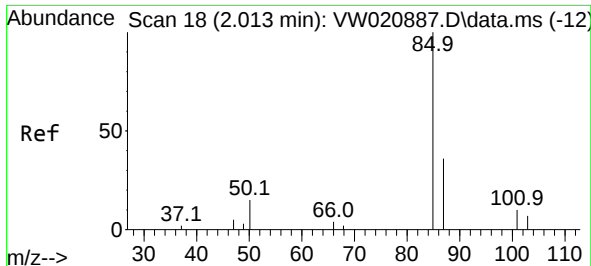
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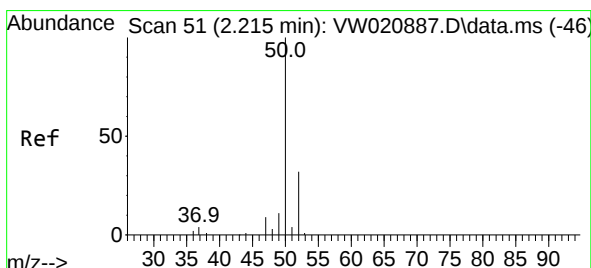
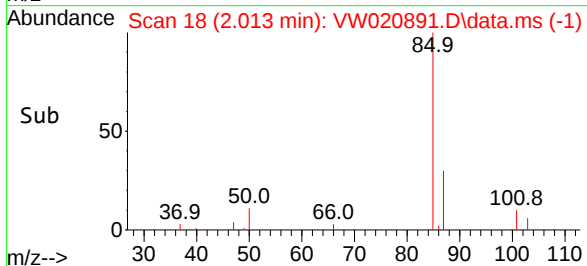
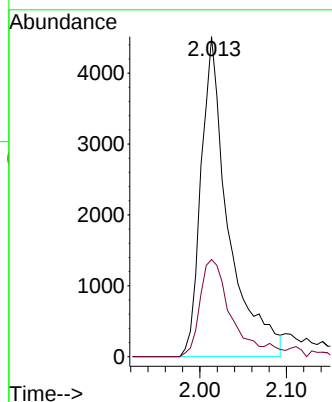
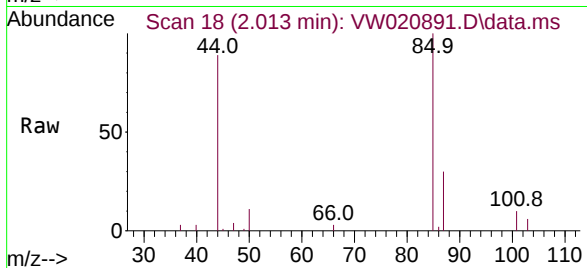




#2
 Dichlorodifluoromethane
 Concen: 27.692 ug/L
 RT: 2.013 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VW020891.D
 Acq: 15 Nov 2021 13:09

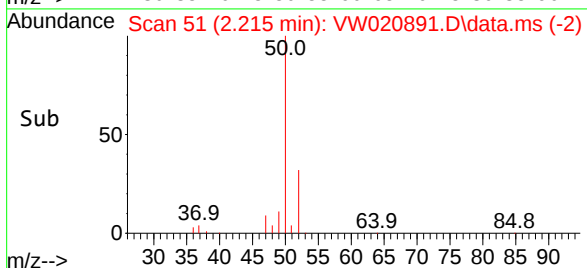
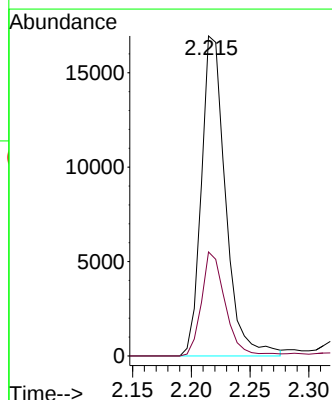
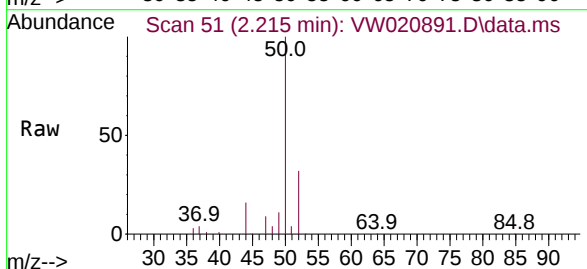
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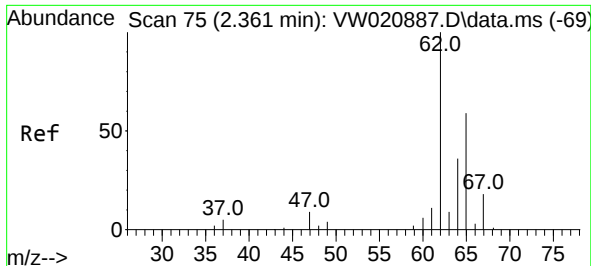
Tgt Ion: 85 Resp: 9903
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.8 38.6



#3
 Chloromethane
 Concen: 22.321 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW020891.D
 Acq: 15 Nov 2021 13:09

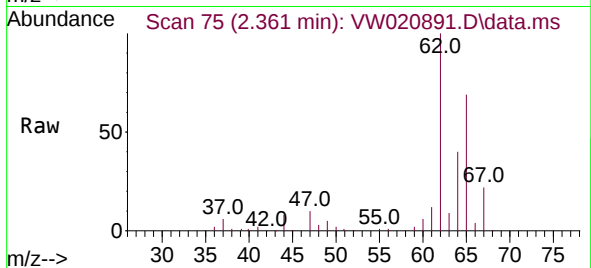
Tgt Ion: 50 Resp: 24268
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.4 43.6



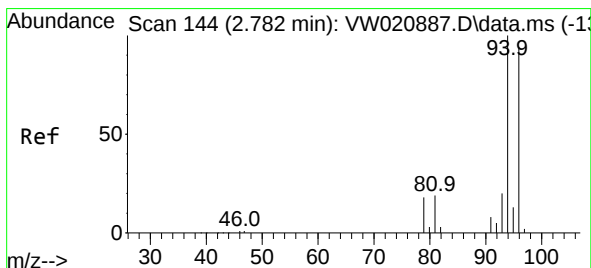
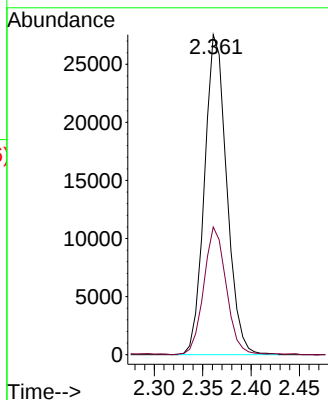
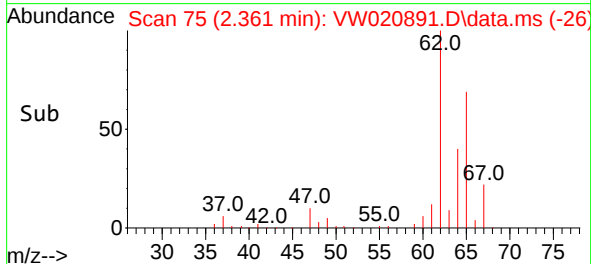


#5
 Vinyl chloride
 Concen: 23.485 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020891.D
 Acq: 15 Nov 2021 13:09

Instrument :
 MSVOA_W
 ClientSampleId :

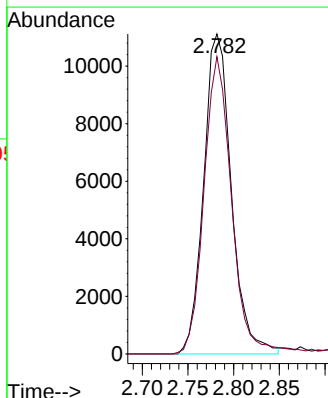
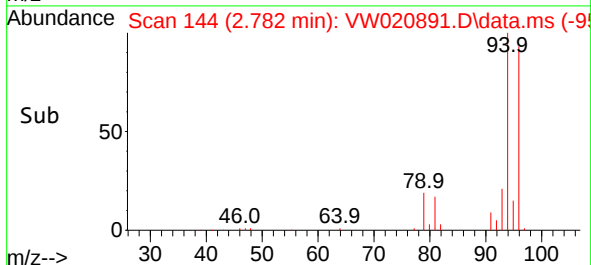
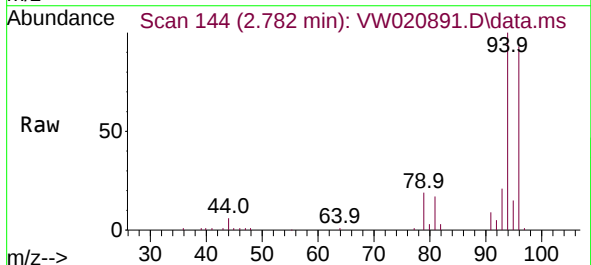


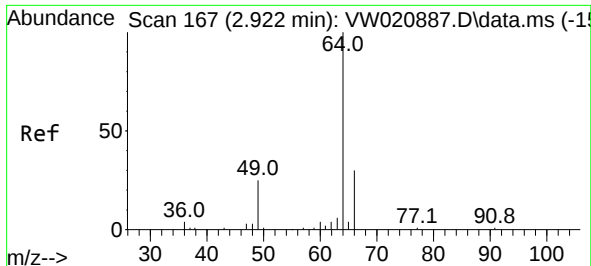
Tgt Ion: 62 Resp: 44165
 Ion Ratio Lower Upper
 62 100
 64 39.9 24.4 45.2



#6
 Bromomethane
 Concen: 22.504 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW020891.D
 Acq: 15 Nov 2021 13:09

Tgt Ion: 94 Resp: 23466
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.8 120.4

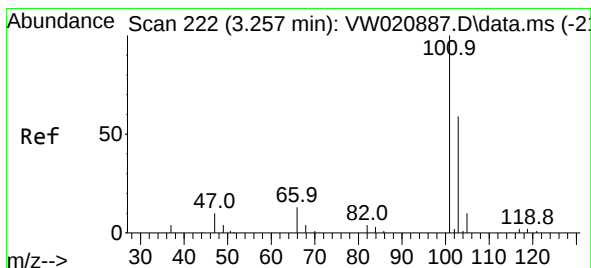
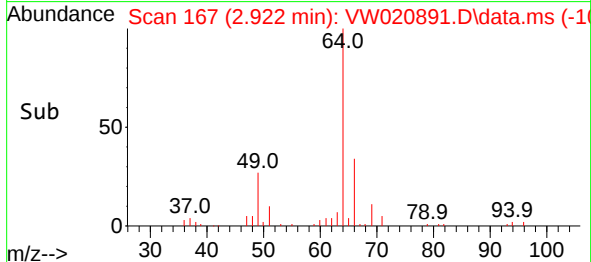
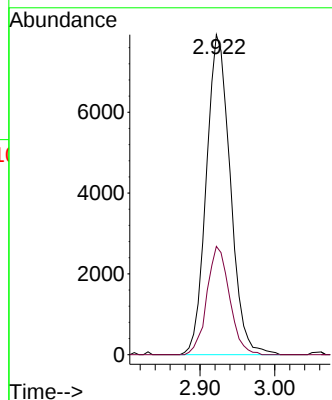
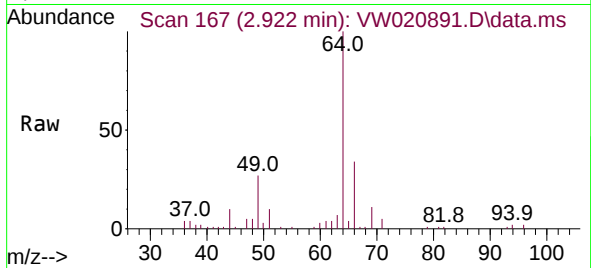




#8
Chloroethane
Concen: 22.338 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

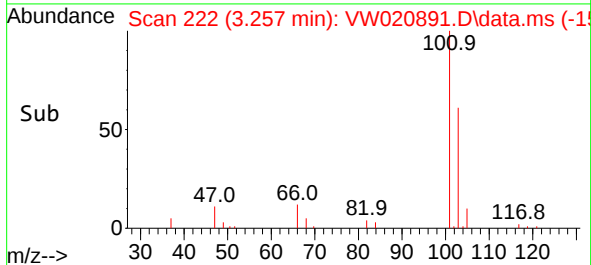
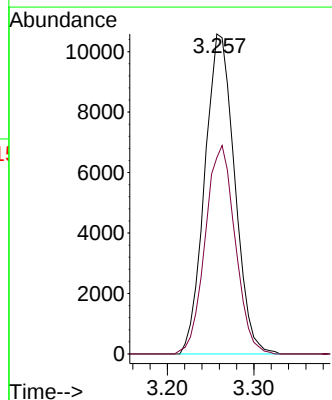
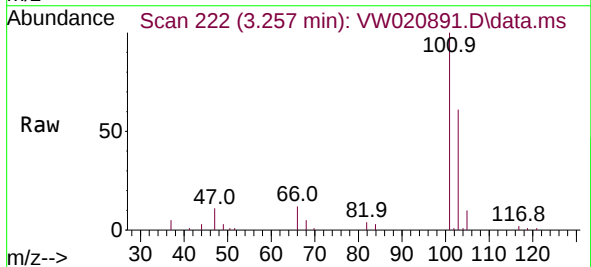
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MSVOA_W
ClientSampleId :

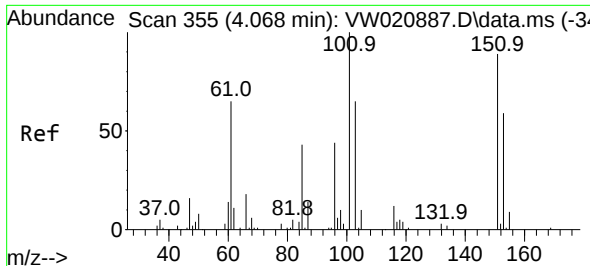
Tgt Ion: 64 Resp: 17660
Ion Ratio Lower Upper
64 100
66 33.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.154 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion:101 Resp: 25363
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

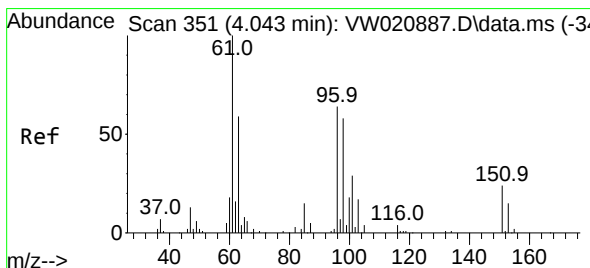
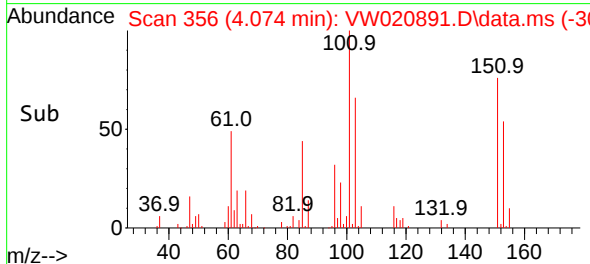
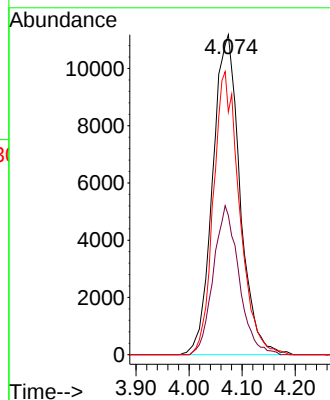
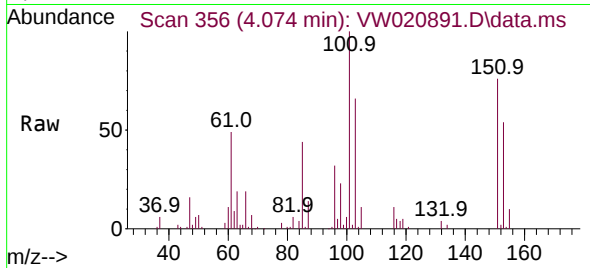




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.984 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW020891.D
 Acq: 15 Nov 2021 13:09

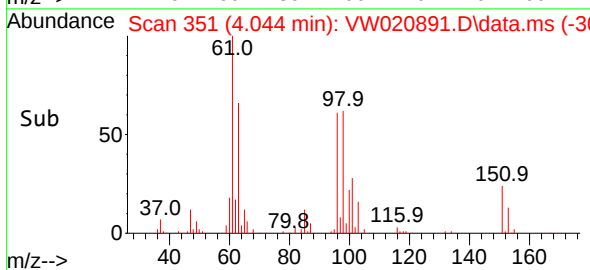
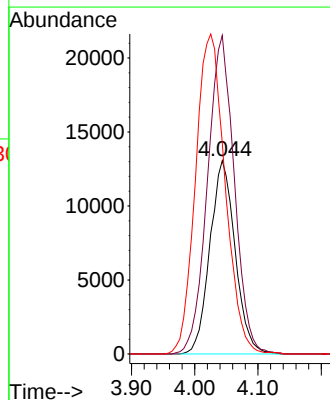
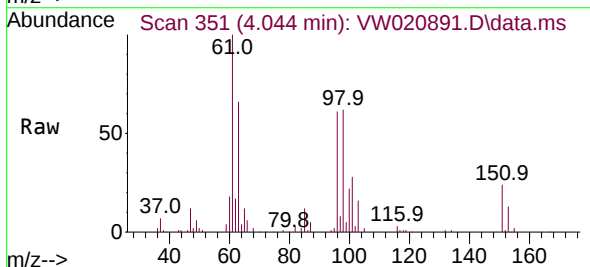
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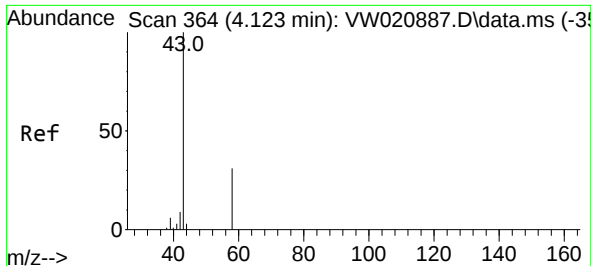
Tgt Ion:101 Resp: 39939
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.6 54.8
 151 84.4 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.384 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW020891.D
 Acq: 15 Nov 2021 13:09

Tgt Ion: 96 Resp: 36204
 Ion Ratio Lower Upper
 96 100
 61 164.9 138.3 256.9
 63 109.3 82.6 153.4

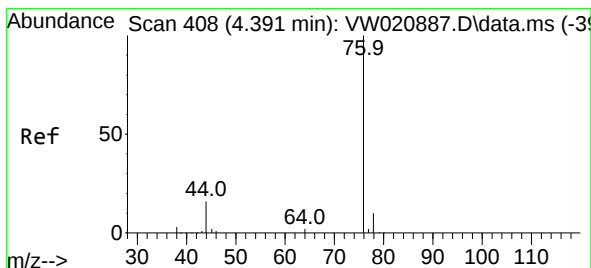
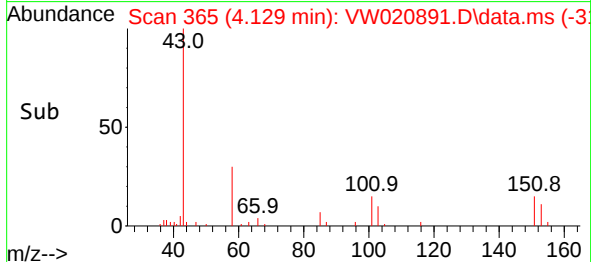
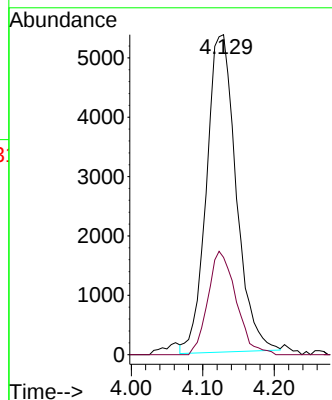
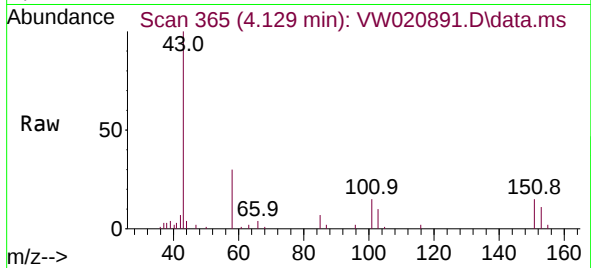




#13
Acetone
Concen: 48.292 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

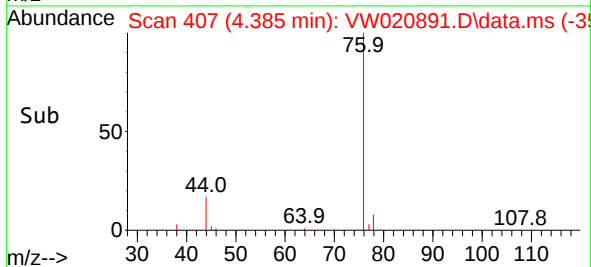
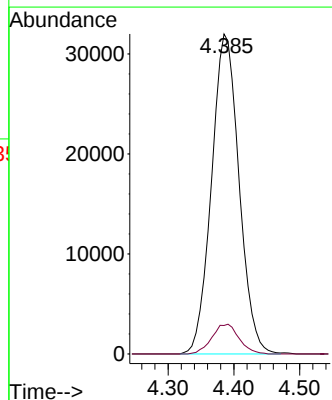
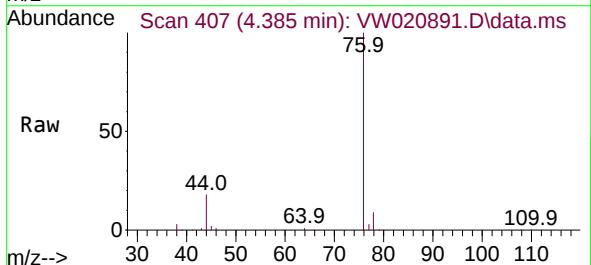
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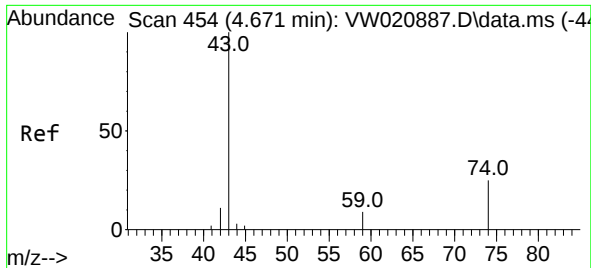
Tgt Ion: 43 Resp: 15425
Ion Ratio Lower Upper
43 100
58 30.9 0.0 52.8



#14
Carbon disulfide
Concen: 22.272 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW020891.D
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Tgt Ion: 76 Resp: 93259
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

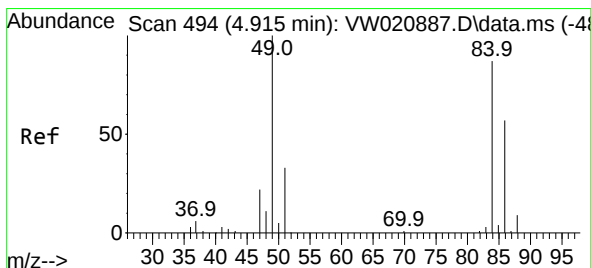
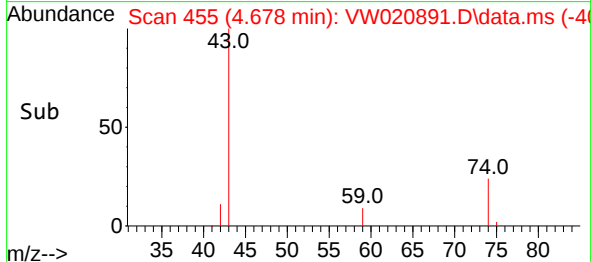
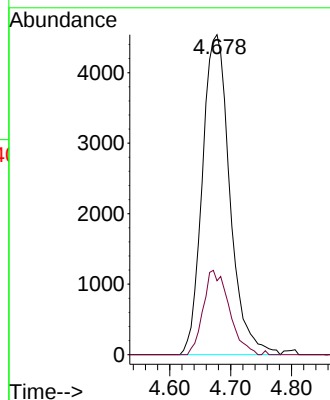
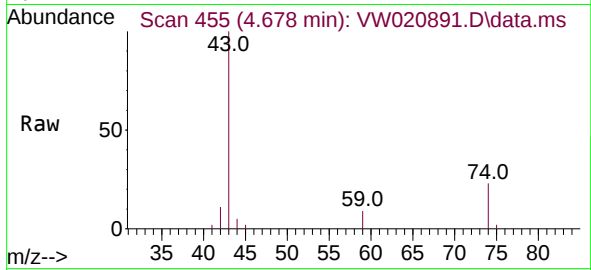




#15
Methyl Acetate
Concen: 24.814 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

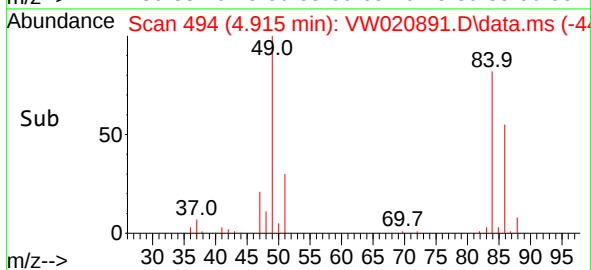
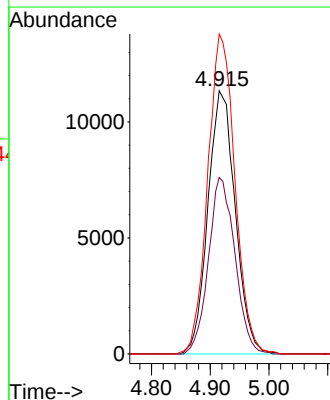
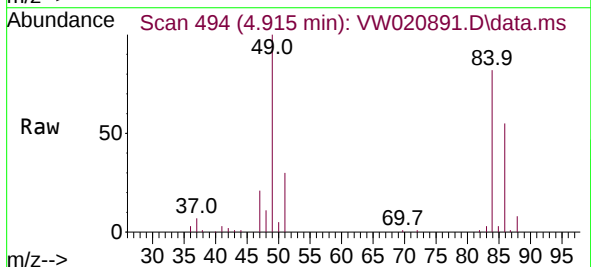
Instrument :
MSVOA_W
ClientSampleId :

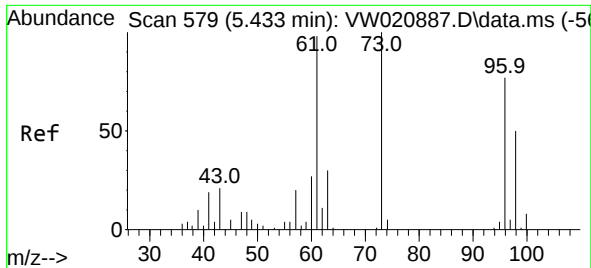
Tgt Ion: 43 Resp: 14214
Ion Ratio Lower Upper
43 100
74 24.9 16.4 24.6#



#16
Methylene chloride
Concen: 21.326 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion: 84 Resp: 36753
Ion Ratio Lower Upper
84 100
86 67.0 45.5 84.5
49 121.5 100.5 186.7

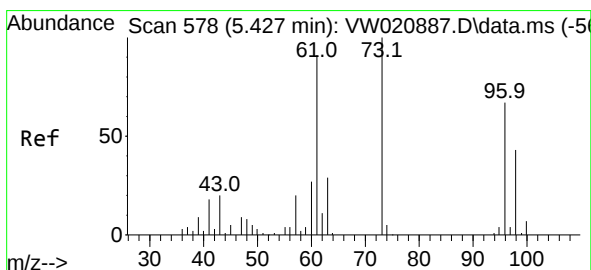
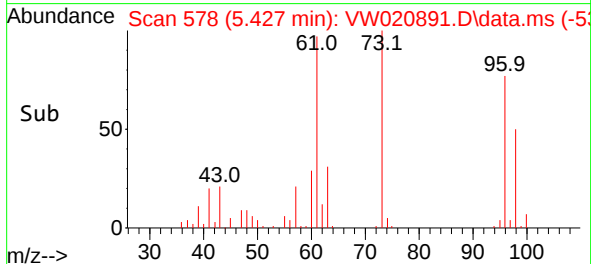
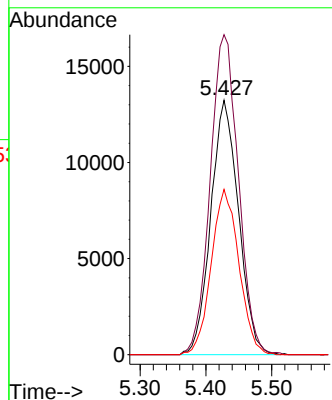
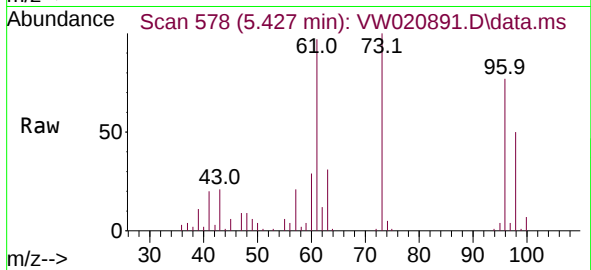




#17
trans-1,2-Dichloroethene
Concen: 23.328 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

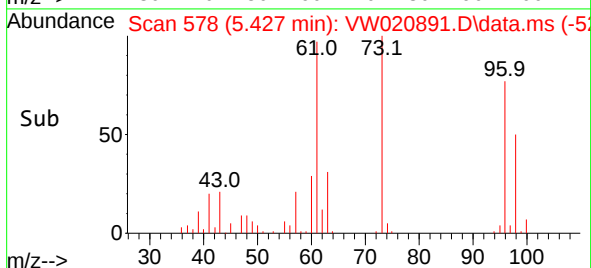
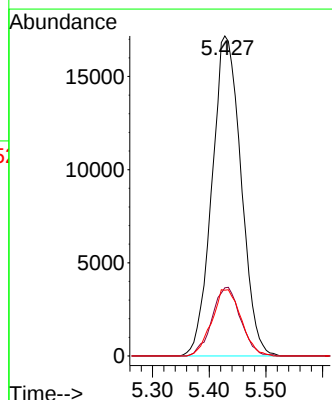
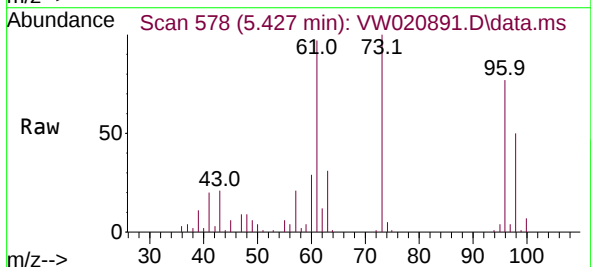
Instrument :
MSVOA_W
ClientSampleId :

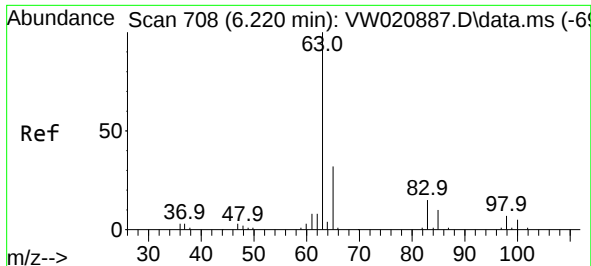
Tgt Ion: 96 Resp: 38926
Ion Ratio Lower Upper
96 100
61 125.8 107.4 199.4
98 65.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.400 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion: 73 Resp: 61113
Ion Ratio Lower Upper
73 100
43 21.1 19.5 29.3
57 20.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.984 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW020891.D

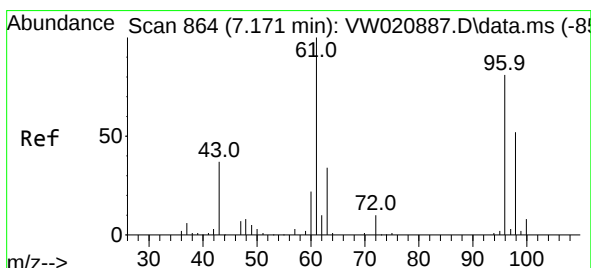
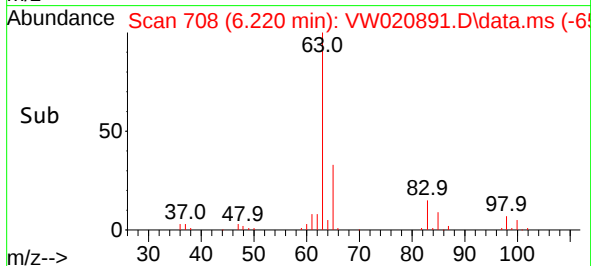
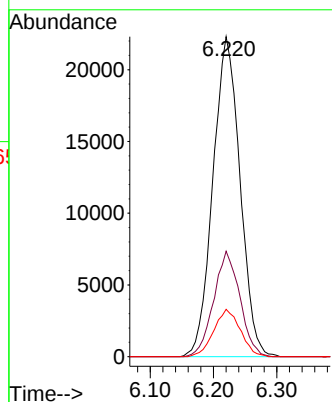
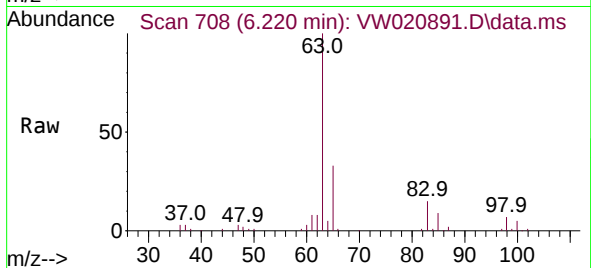
Acq: 15 Nov 2021 13:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	66311
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.1	41.1
83	14.8	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 23.870 ug/L

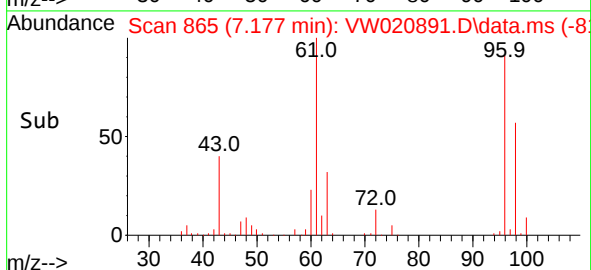
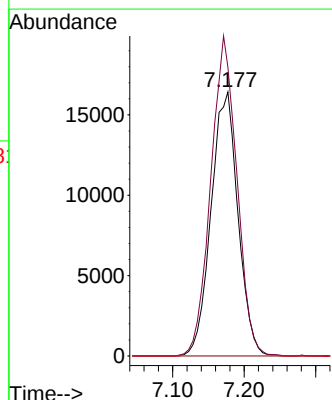
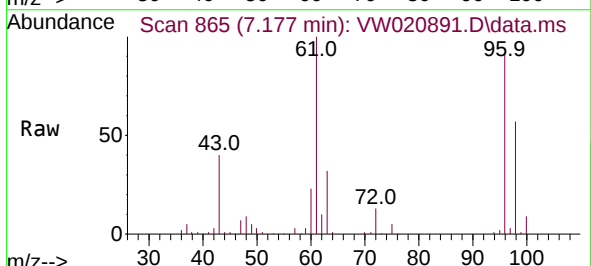
RT: 7.177 min Scan# 865

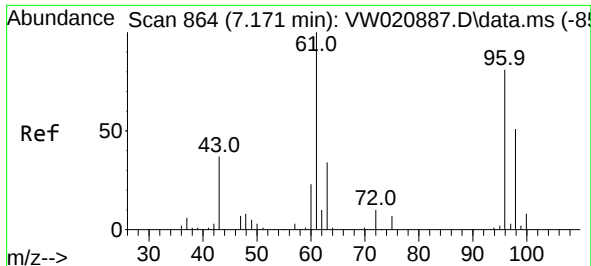
Delta R.T. 0.006 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Tgt Ion:	96	Resp:	42927
Ion	Ratio	Lower	Upper
96	100		
61	109.4	103.7	192.7
68	0.0	0.0	0.0

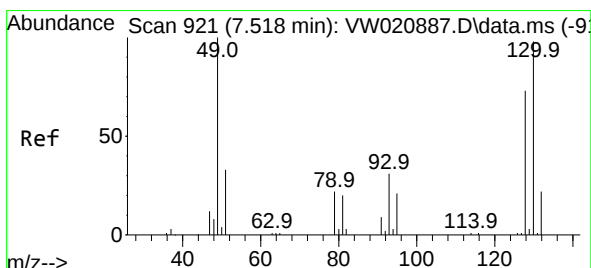
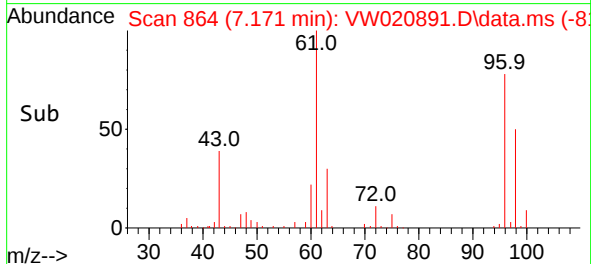
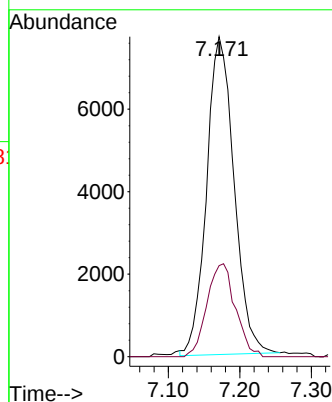
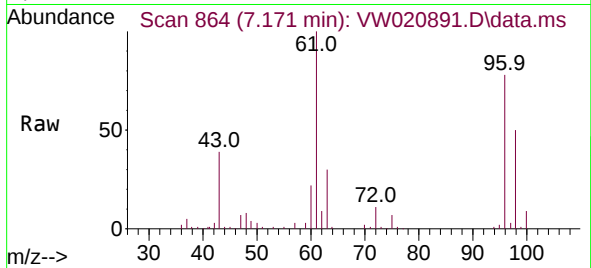




#22
2-Butanone
Concen: 47.469 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

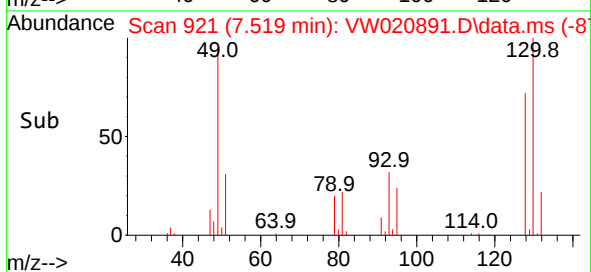
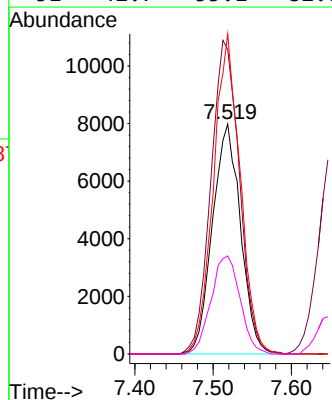
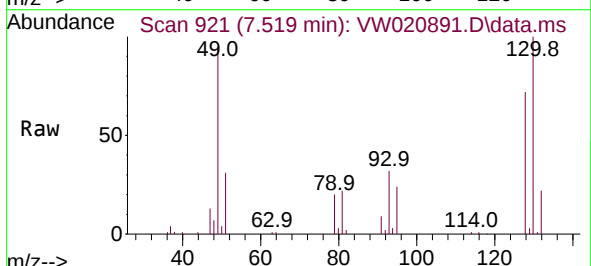
Instrument :
MSVOA_W
ClientSampleId :

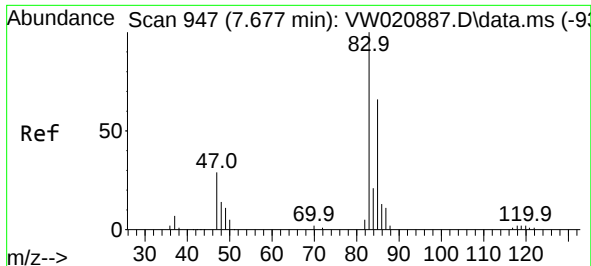
Tgt Ion: 43 Resp: 20600
Ion Ratio Lower Upper
43 100
72 29.9 11.8 35.4



#23
Bromochloromethane
Concen: 24.177 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion: 128 Resp: 19877
Ion Ratio Lower Upper
128 100
49 132.4 150.3 279.1#
130 139.2 88.3 163.9
51 42.7 55.1 82.7#

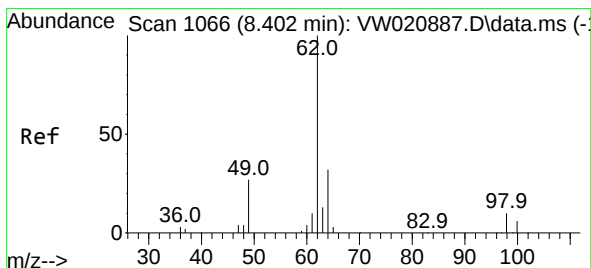
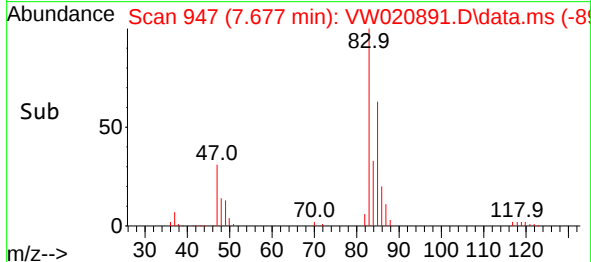
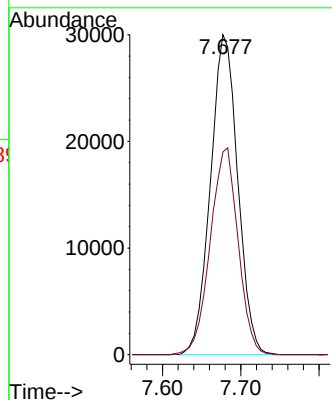
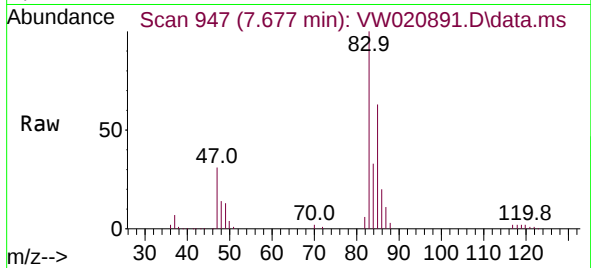




#25
Chloroform
Concen: 24.061 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

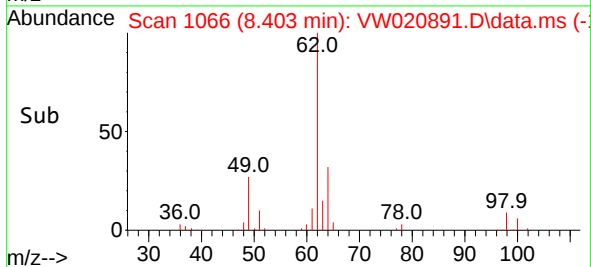
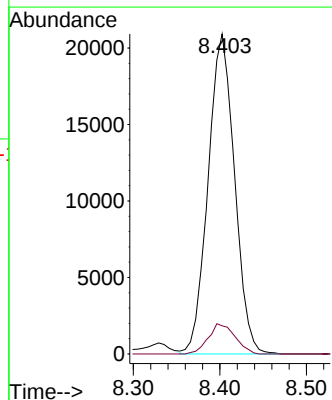
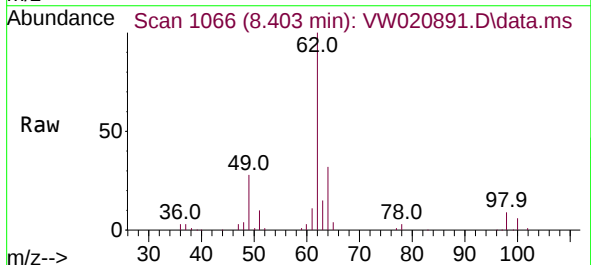
Instrument :
MSVOA_W
ClientSampleId :

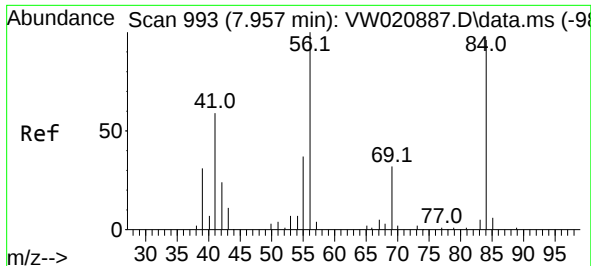
Tgt Ion: 83 Resp: 72709
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.260 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion: 62 Resp: 44391
Ion Ratio Lower Upper
62 100
98 8.8 6.5 9.7

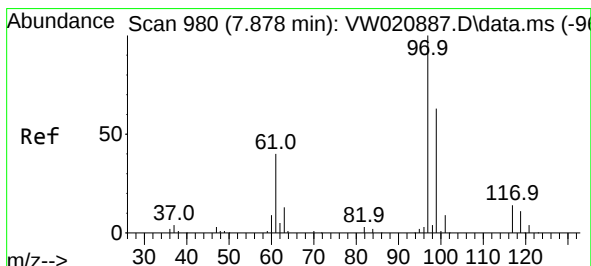
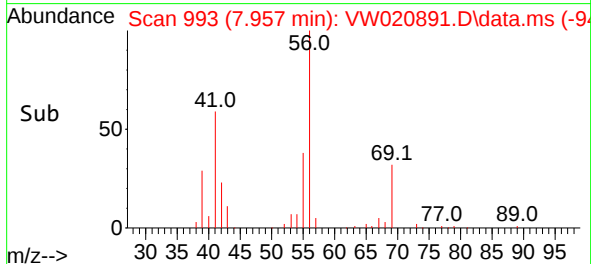
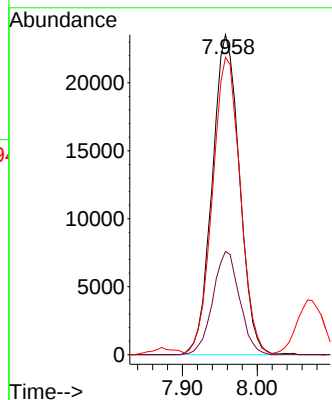
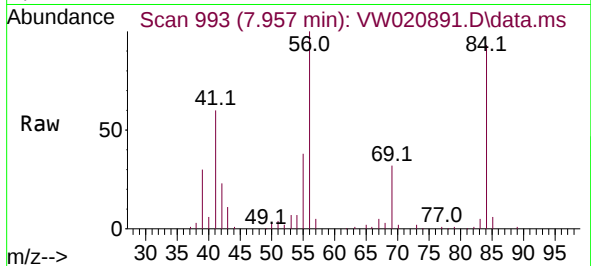




#29
Cyclohexane
Concen: 23.559 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

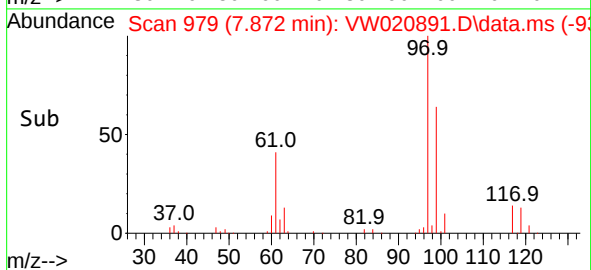
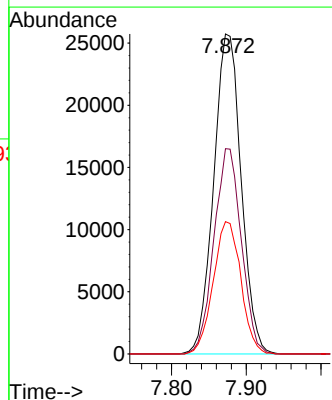
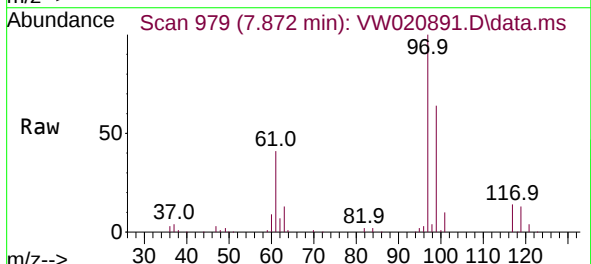
Instrument :
MSVOA_W
ClientSampleId :

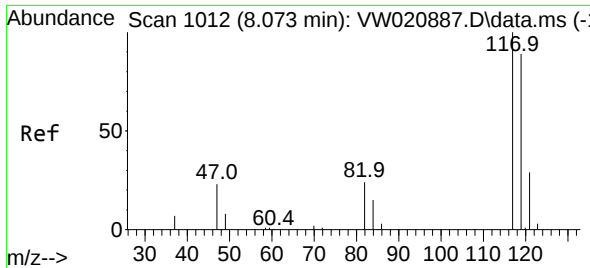
Tgt Ion:	56	Resp:	59690
Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.5	35.3
84	94.7	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 24.113 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion:	97	Resp:	65898
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	41.5	40.9	61.3

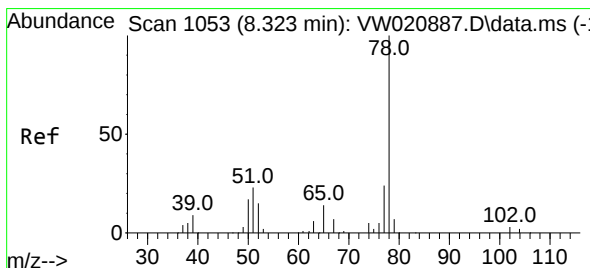
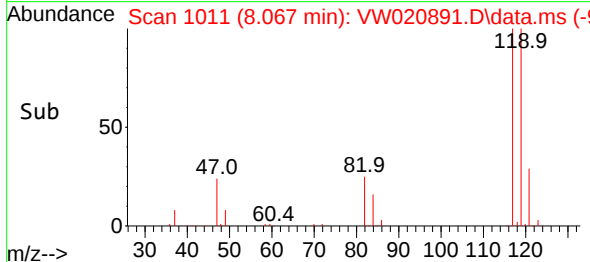
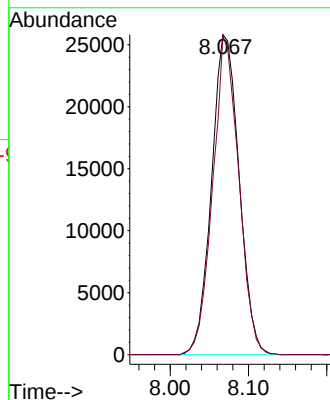
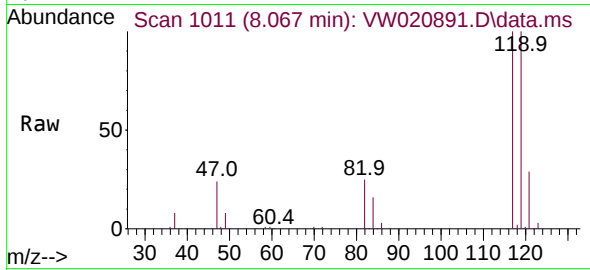




#31
Carbon tetrachloride
Concen: 24.354 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

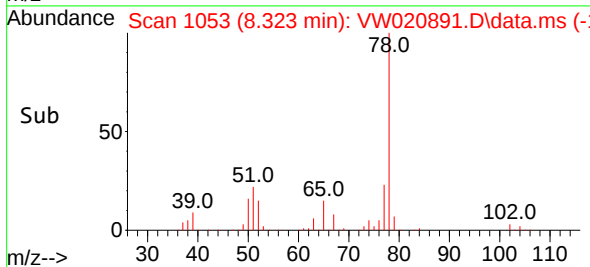
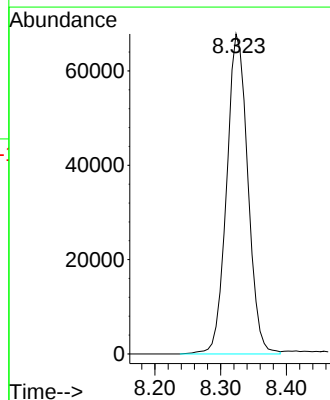
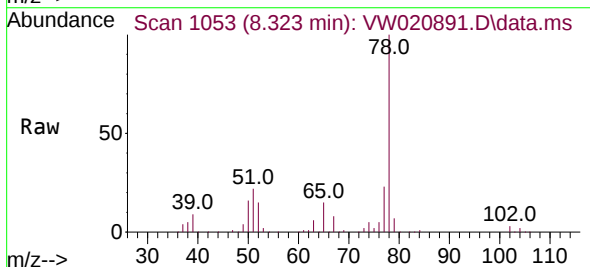
Instrument :
MSVOA_W
ClientSampleId :

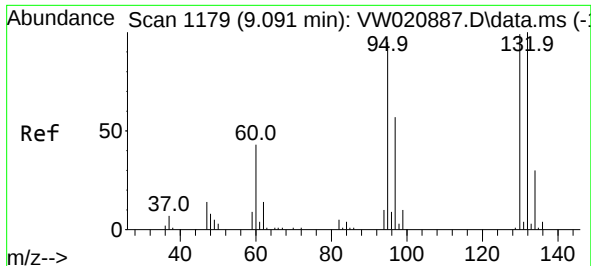
Tgt Ion:117 Resp: 62995
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5



#33
Benzene
Concen: 23.657 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion: 78 Resp: 152226





#34

Trichloroethene

Concen: 23.894 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 43004

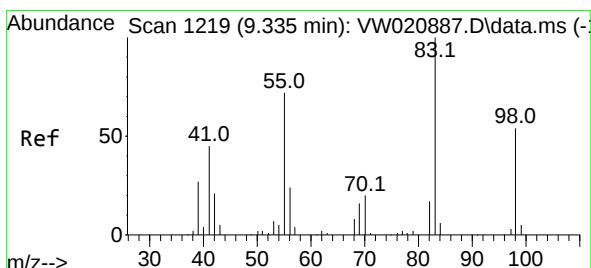
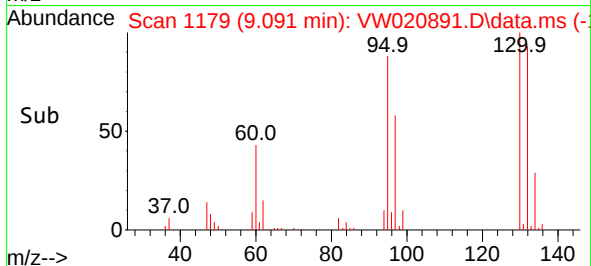
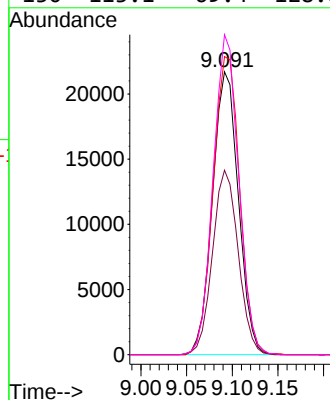
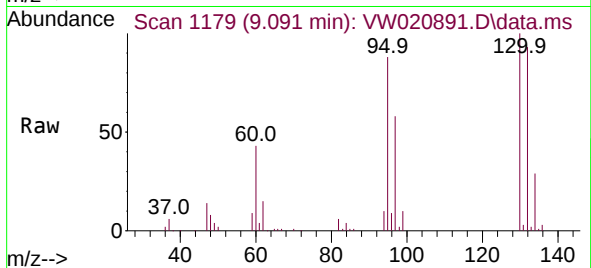
Ion Ratio Lower Upper

95 100

97 65.2 47.0 87.2

132 105.4 65.5 121.6

130 113.1 69.4 128.8



#35

Methylcyclohexane

Concen: 23.720 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

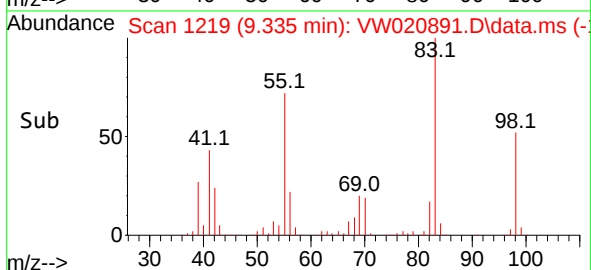
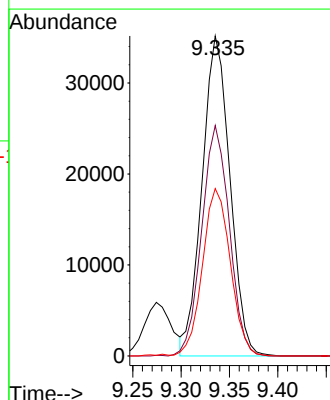
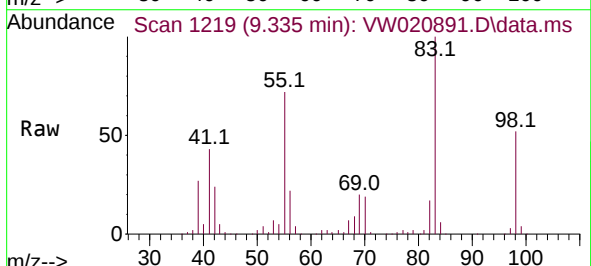
Tgt Ion: 83 Resp: 70387

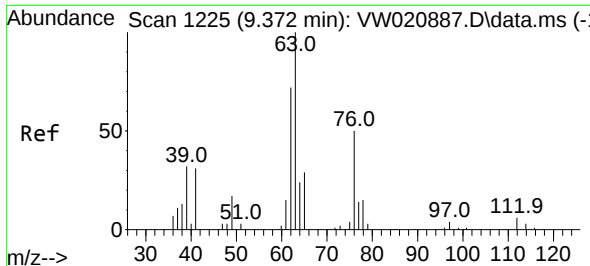
Ion Ratio Lower Upper

83 100

55 71.3 70.8 106.2

98 52.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.291 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Instrument :

MSVOA_W

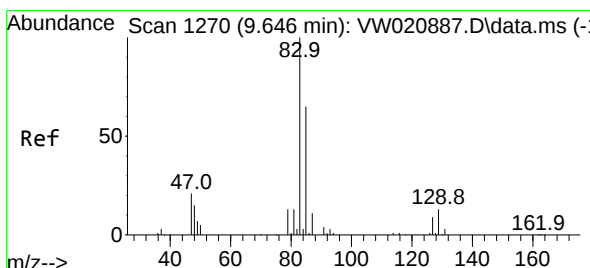
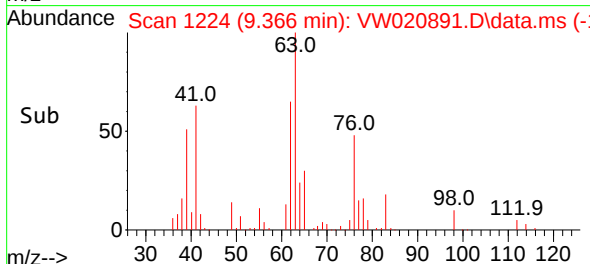
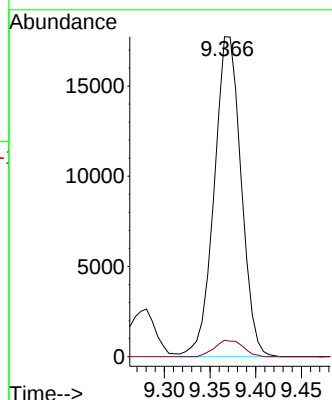
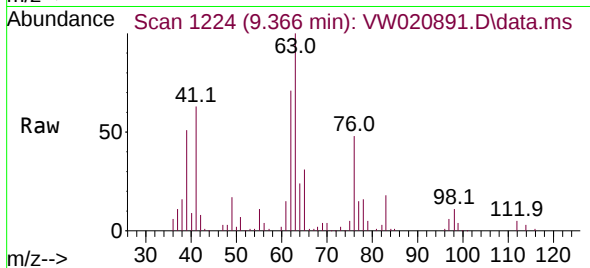
ClientSampleId :

Tgt Ion: 63 Resp: 36376

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.973 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

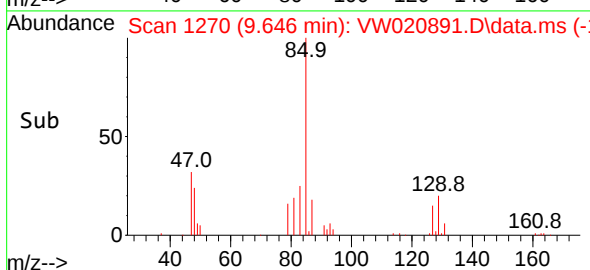
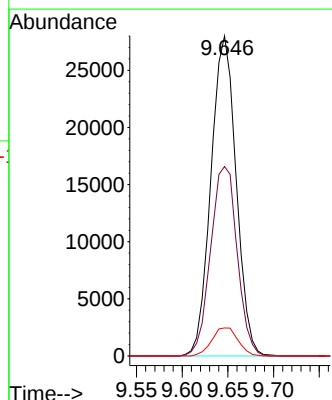
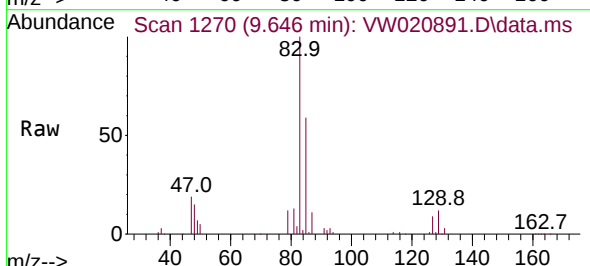
Tgt Ion: 83 Resp: 53669

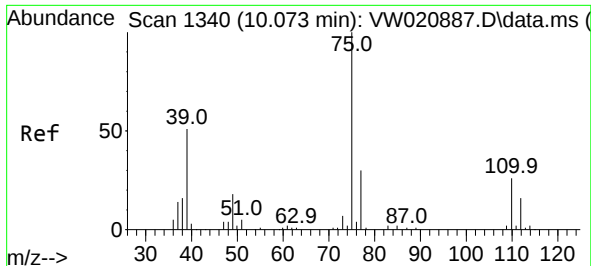
Ion Ratio Lower Upper

83 100

85 59.2 44.1 81.9

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.108 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Instrument :

MSVOA_W

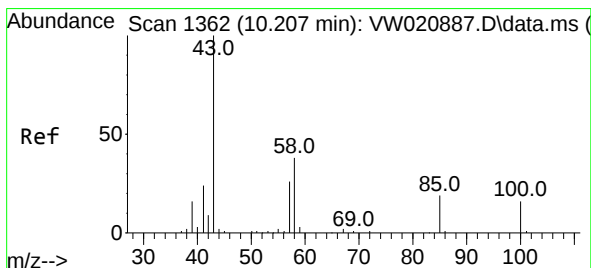
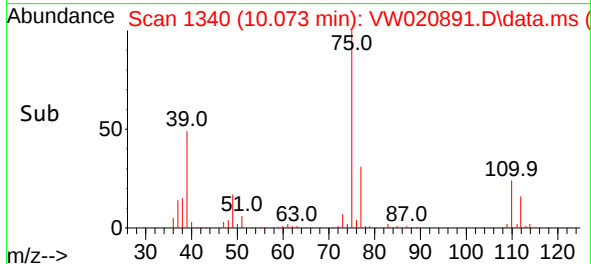
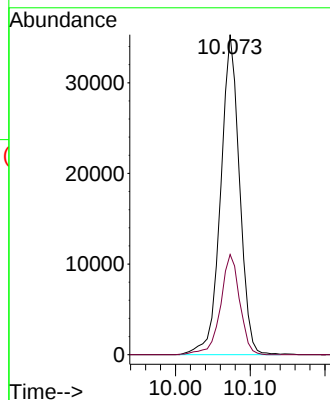
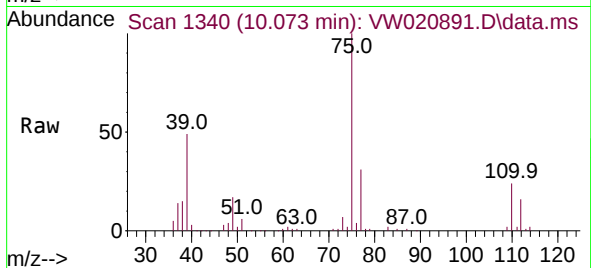
ClientSampleId :

Tgt Ion: 75 Resp: 62082

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 50.238 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

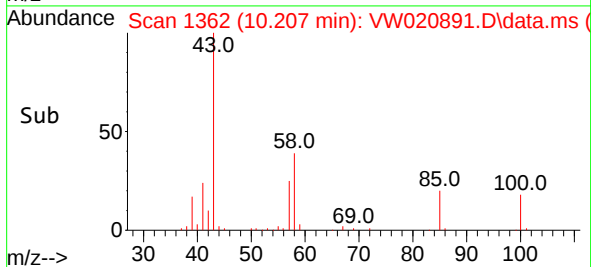
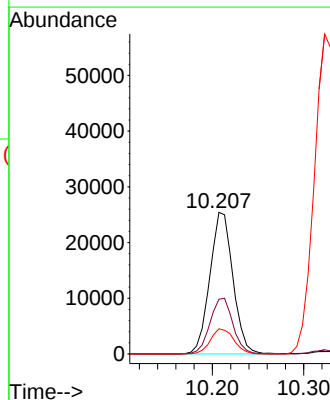
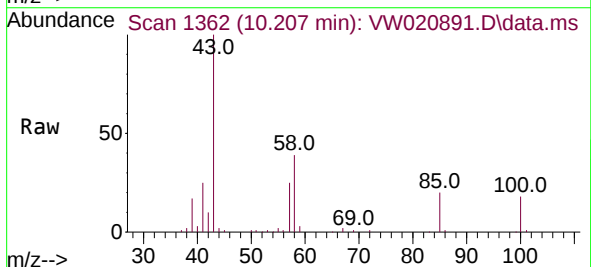
Tgt Ion: 43 Resp: 44779

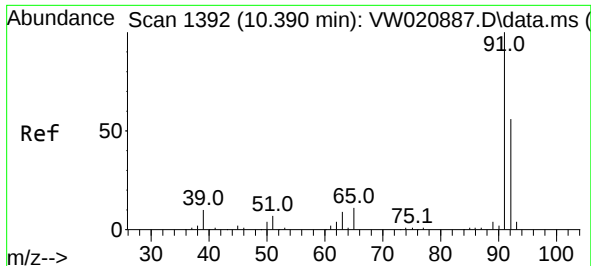
Ion Ratio Lower Upper

43 100

58 39.0 28.8 43.2

100 17.9 10.0 15.0#

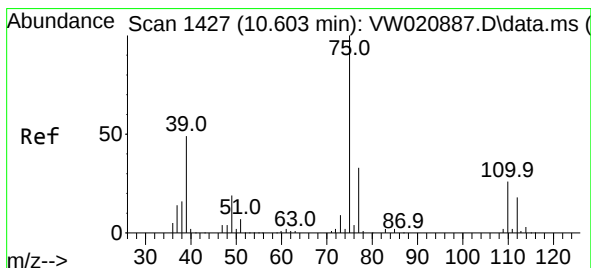
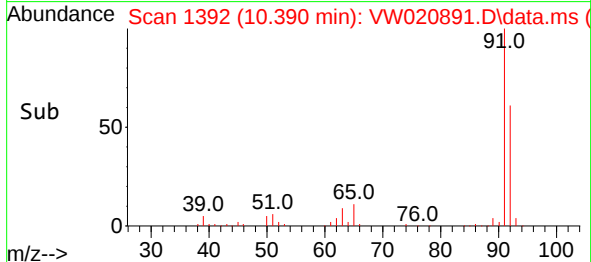
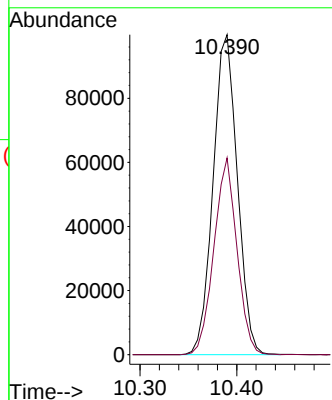
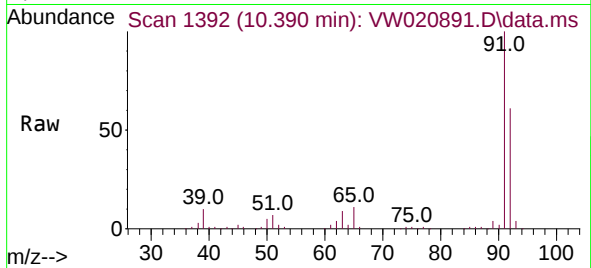




#42
Toluene
Concen: 24.030 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

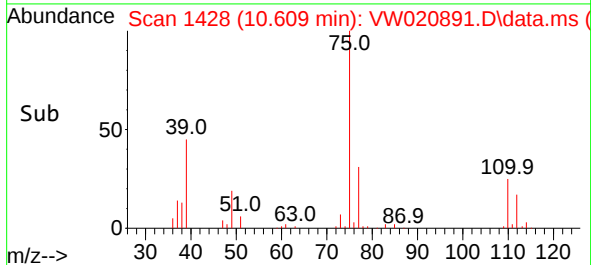
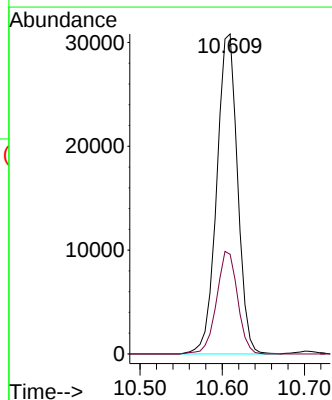
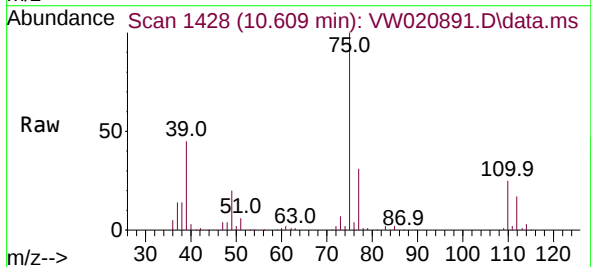
Instrument :
MSVOA_W
ClientSampleId :

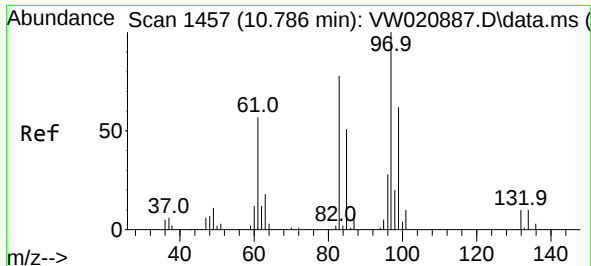
Tgt Ion: 91 Resp: 173925
Ion Ratio Lower Upper
91 100
92 61.5 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.954 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion: 75 Resp: 54226
Ion Ratio Lower Upper
75 100
77 31.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.884 ug/L

RT: 10.786 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 28982

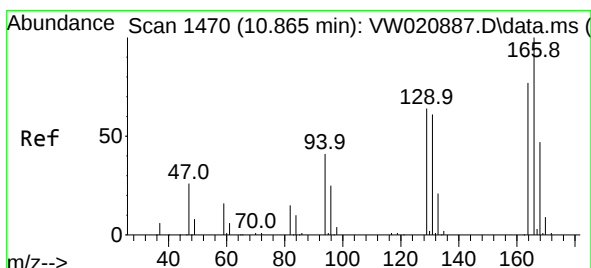
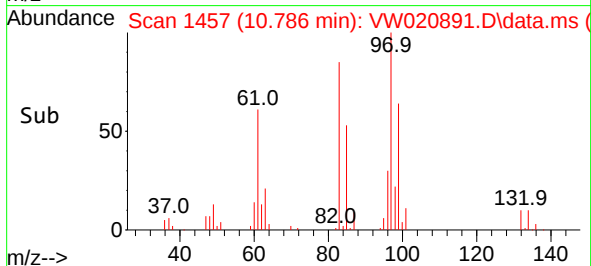
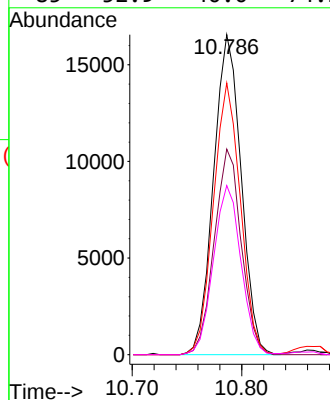
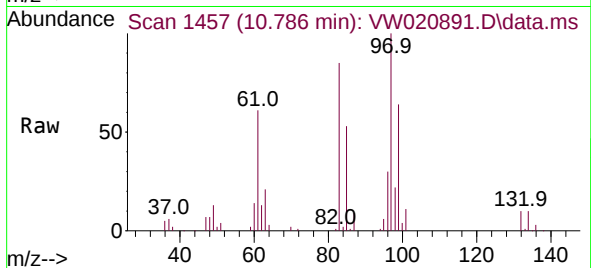
Ion Ratio Lower Upper

97 100

99 64.3 43.0 79.8

83 84.9 62.6 116.3

85 52.9 40.0 74.2



#46

Tetrachloroethene

Concen: 23.592 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Tgt Ion:164 Resp: 38987

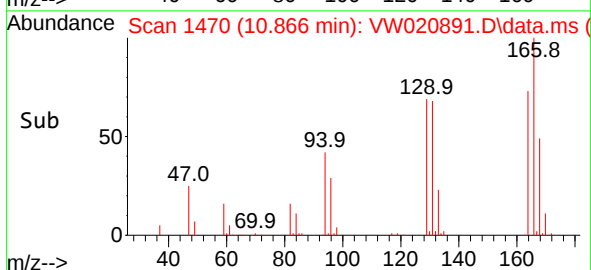
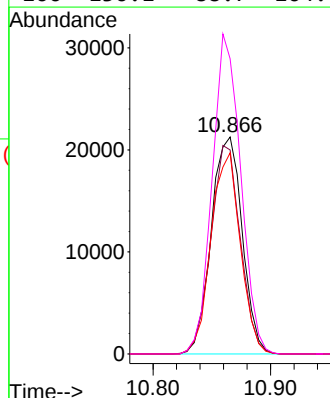
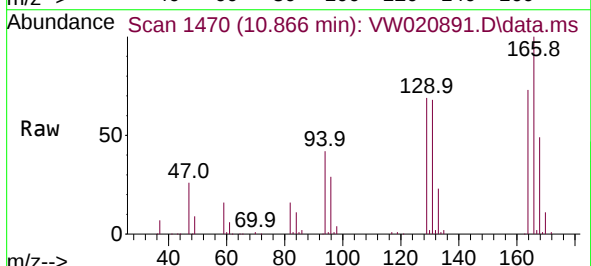
Ion Ratio Lower Upper

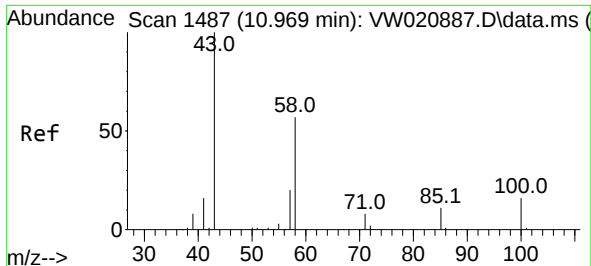
164 100

129 94.1 65.5 121.7

131 92.7 59.7 110.9

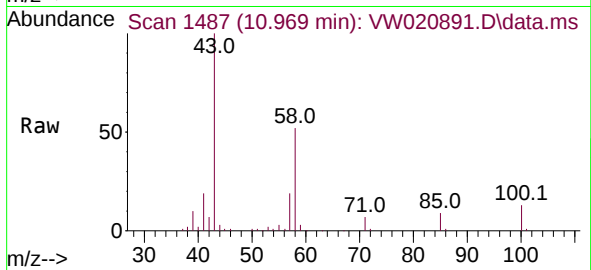
166 136.1 88.7 164.7



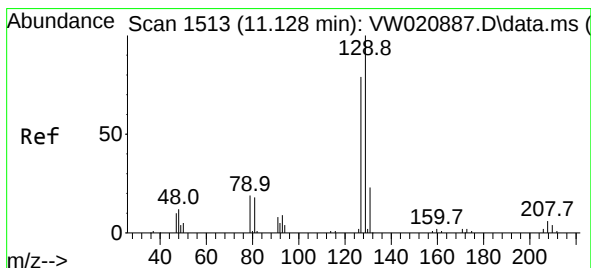
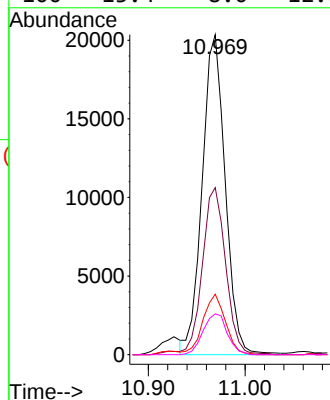
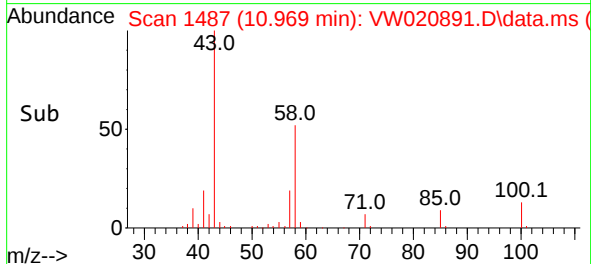


#48
2-Hexanone
Concen: 54.651 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Instrument :
MSVOA_W
ClientSampleId :

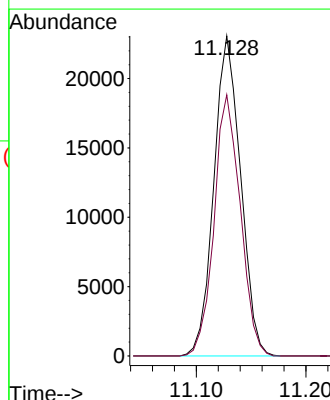
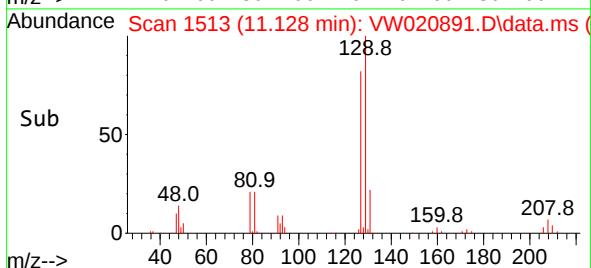
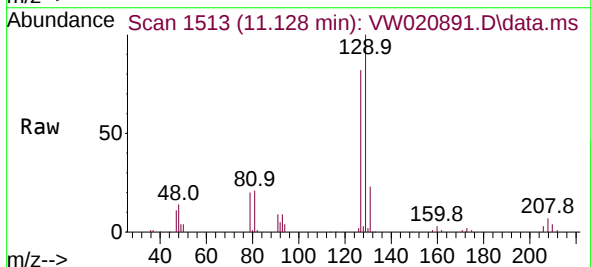


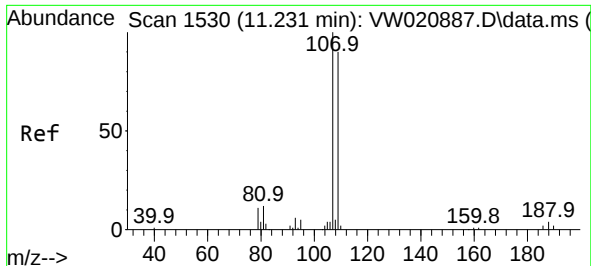
Tgt Ion: 43 Resp: 33742
Ion Ratio Lower Upper
43 100
58 52.5 40.2 60.2
57 18.5 14.3 21.5
100 13.4 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.359 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion: 129 Resp: 39113
Ion Ratio Lower Upper
129 100
127 81.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.966 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

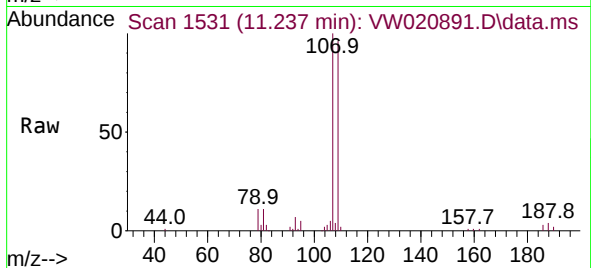
Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

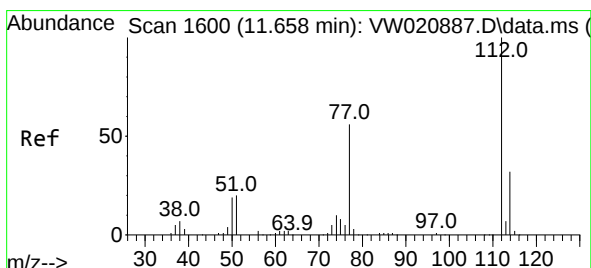
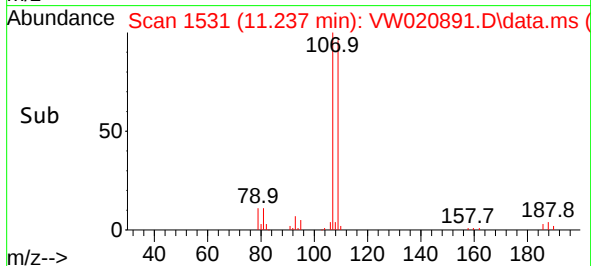
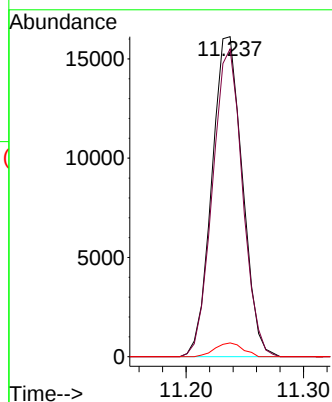
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	29153
Ion Ratio	Lower	Upper	
107	100		
109	96.2	64.1	119.1
188	4.3	2.6	3.8#



#51

Chlorobenzene

Concen: 24.262 ug/L

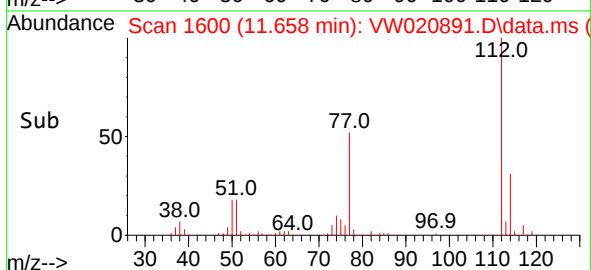
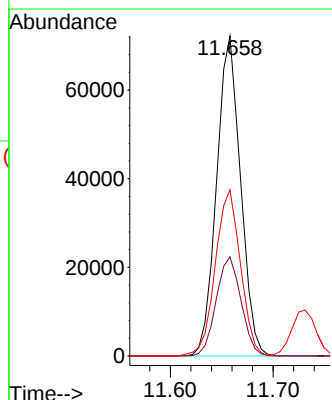
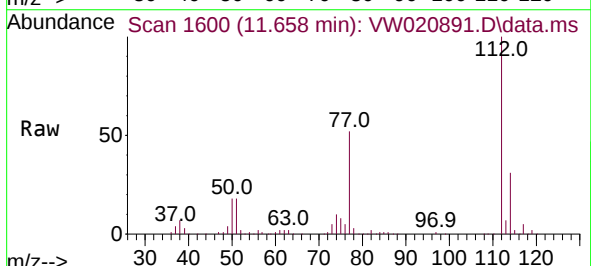
RT: 11.658 min Scan# 1600

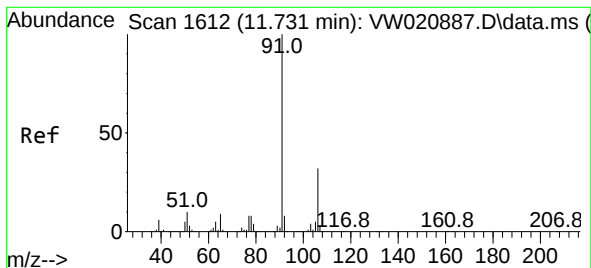
Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Tgt Ion:	112	Resp:	116791
Ion Ratio	Lower	Upper	
112	100		
114	31.0	22.4	41.6
77	51.9	50.2	75.4

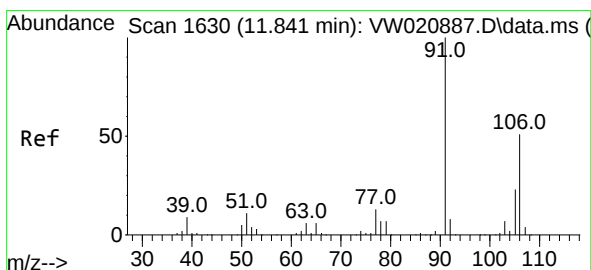
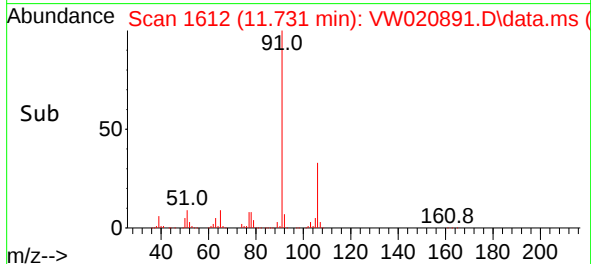
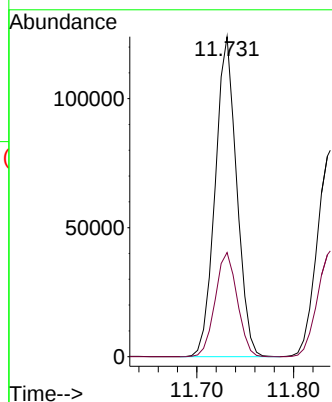
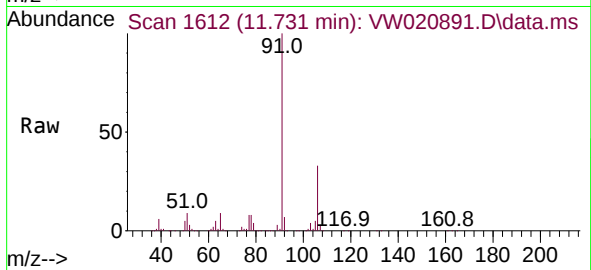




#52
Ethylbenzene
Concen: 23.766 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

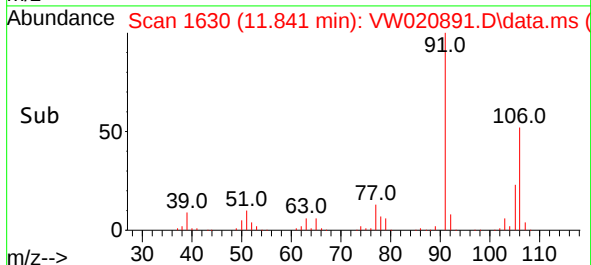
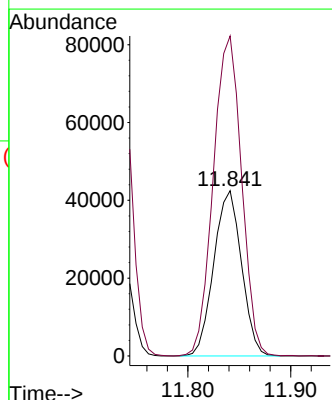
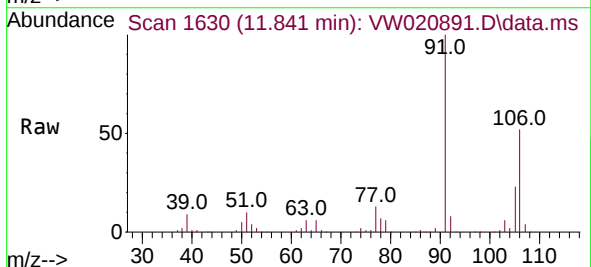
Instrument :
MSVOA_W
ClientSampleId :

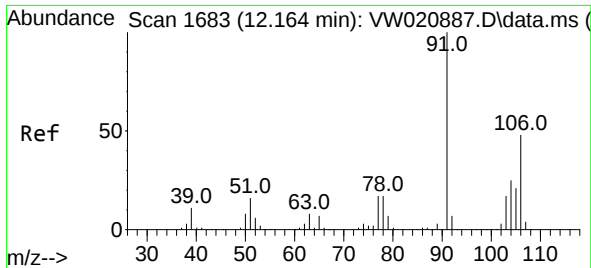
Tgt Ion: 91 Resp: 190603
Ion Ratio Lower Upper
91 100
106 32.6 21.5 39.9



#53
m,p-Xylene
Concen: 24.283 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion:106 Resp: 79513
Ion Ratio Lower Upper
106 100
91 193.5 149.9 278.3

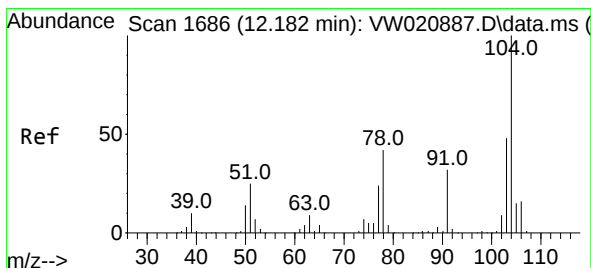
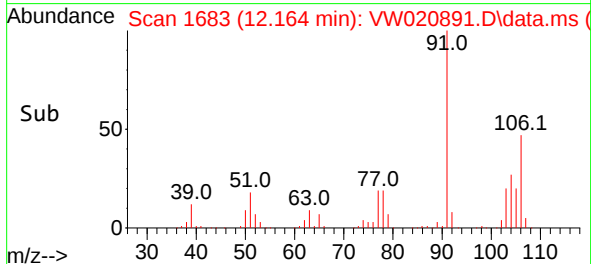
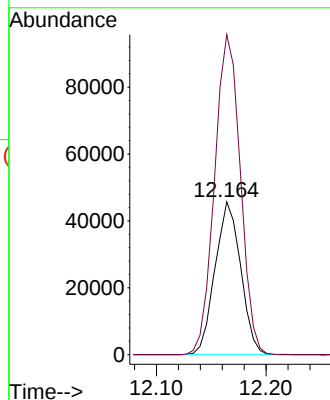
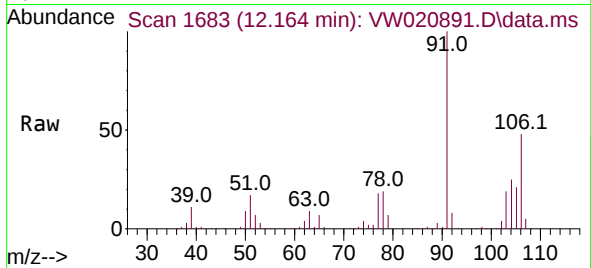




#54
o-Xylene
Concen: 23.649 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

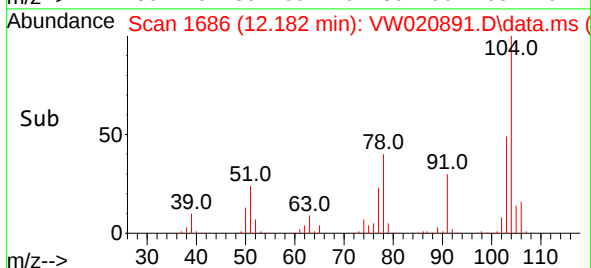
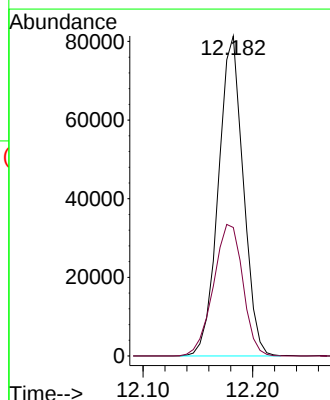
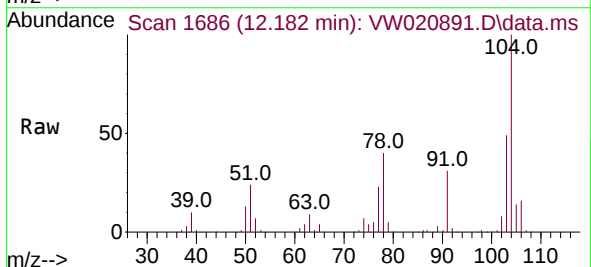
Instrument :
MSVOA_W
ClientSampleId :

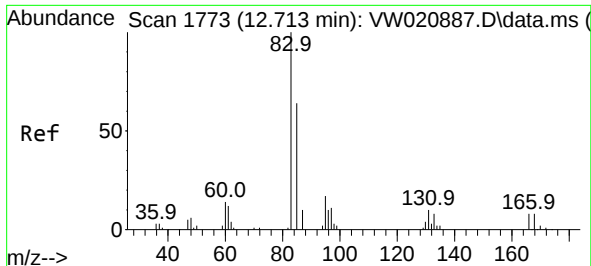
Tgt Ion:106 Resp: 74368
Ion Ratio Lower Upper
106 100
91 209.3 153.6 285.3



#55
Styrene
Concen: 24.572 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion:104 Resp: 128309
Ion Ratio Lower Upper
104 100
78 40.2 34.4 64.0

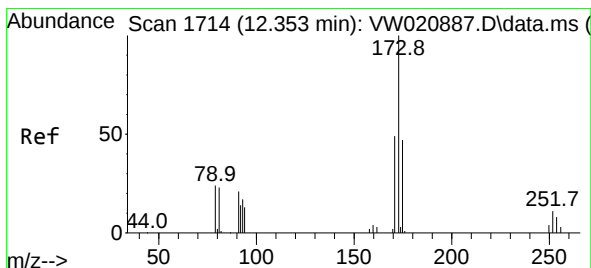
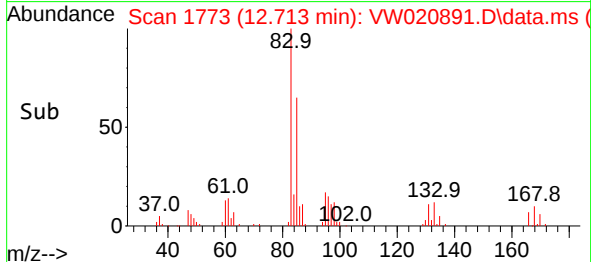
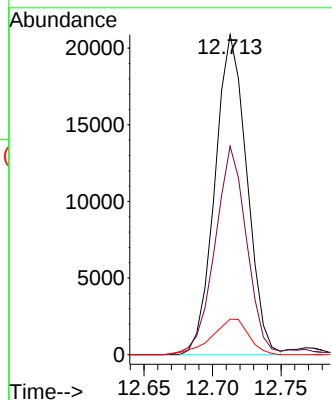
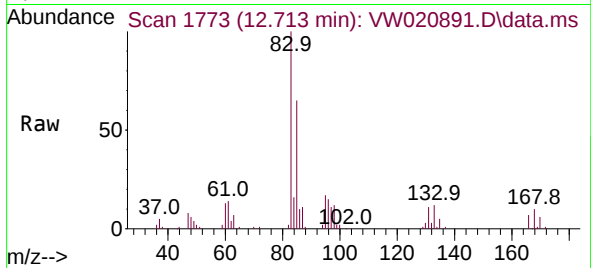




#57
1,1,2,2-Tetrachloroethane
Concen: 26.209 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

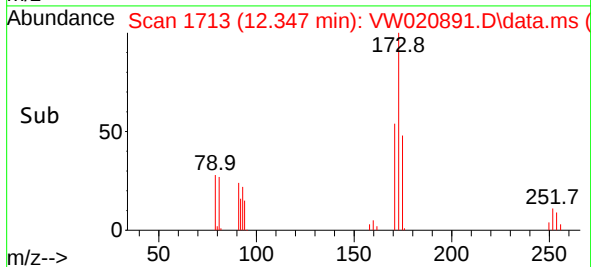
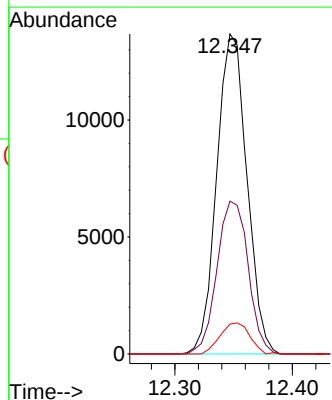
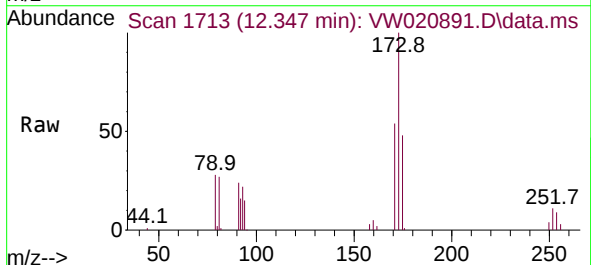
Instrument :
MSVOA_W
ClientSampleId :

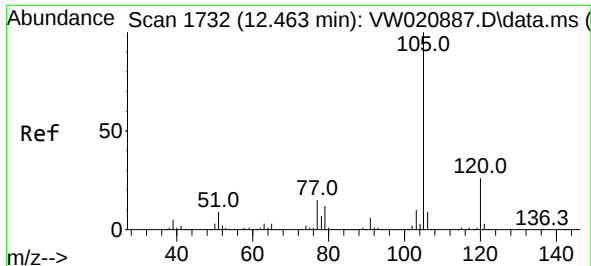
Tgt Ion: 83 Resp: 33833
Ion Ratio Lower Upper
83 100
85 65.2 44.0 81.6
131 11.1 6.9 10.3#



#59
Bromoform
Concen: 24.938 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

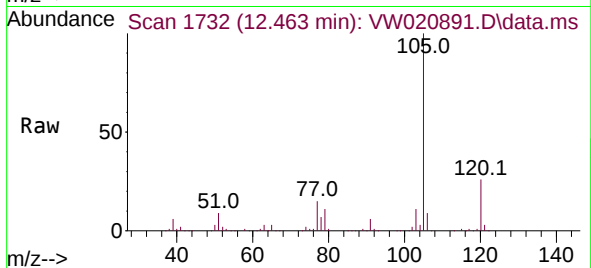
Tgt Ion:173 Resp: 24420
Ion Ratio Lower Upper
173 100
175 49.3 39.6 59.4
254 9.5 7.4 11.0



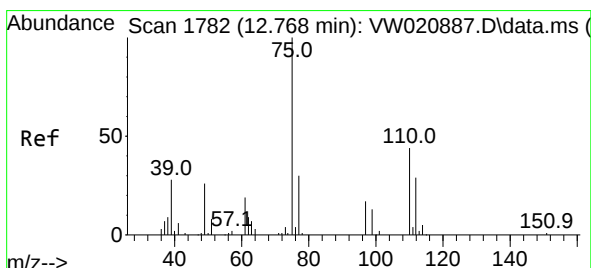
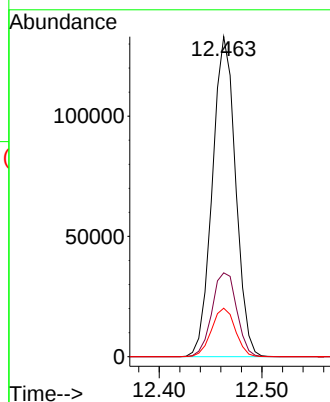
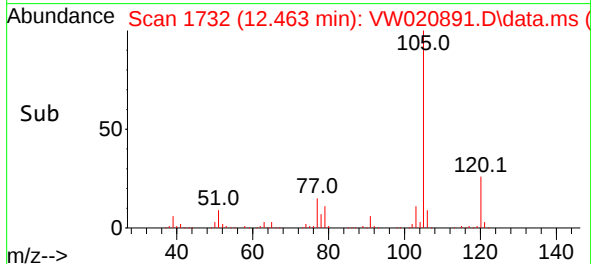


#60
Isopropylbenzene
Concen: 23.330 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

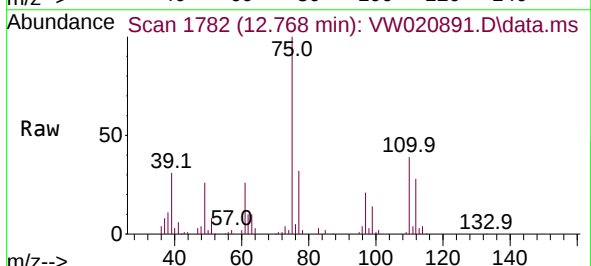
Instrument :
MSVOA_W
ClientSampleId :



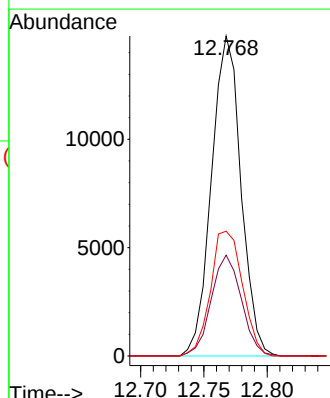
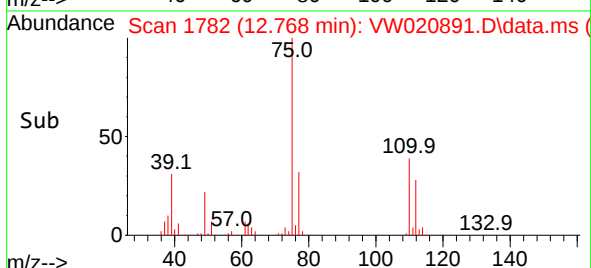
Tgt Ion:105 Resp: 208690
Ion Ratio Lower Upper
105 100
120 28.0 20.1 30.1
77 15.5 13.8 20.8

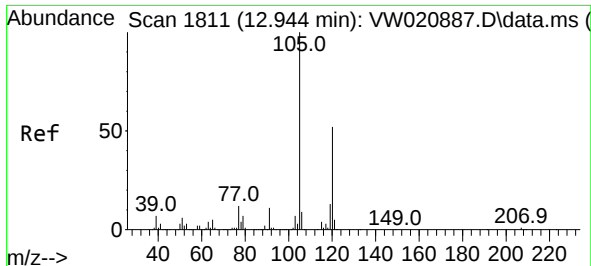


#61
1,2,3-Trichloropropane
Concen: 24.866 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09



Tgt Ion: 75 Resp: 23954
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 42.3 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 23.352 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Instrument :

MSVOA_W

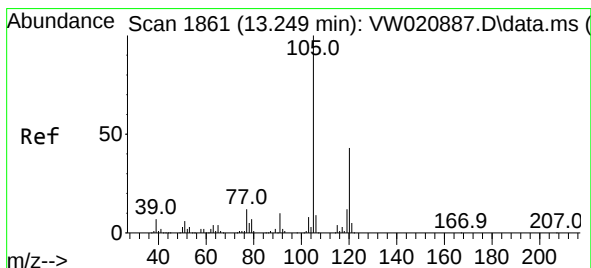
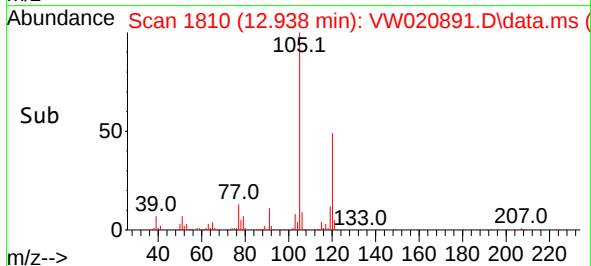
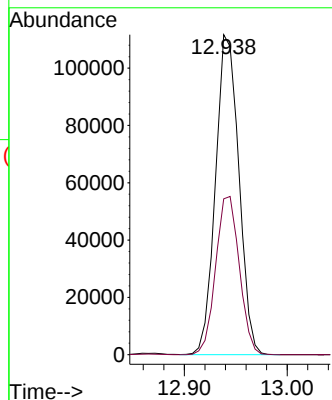
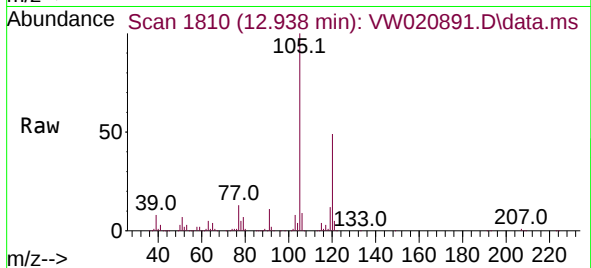
ClientSampleId :

Tgt Ion:105 Resp: 176213

Ion Ratio Lower Upper

105 100

120 50.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.761 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW020891.D

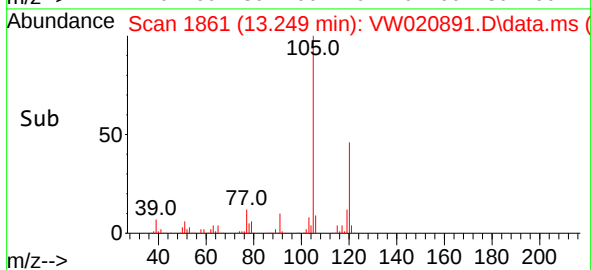
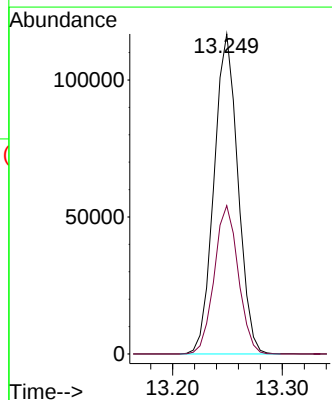
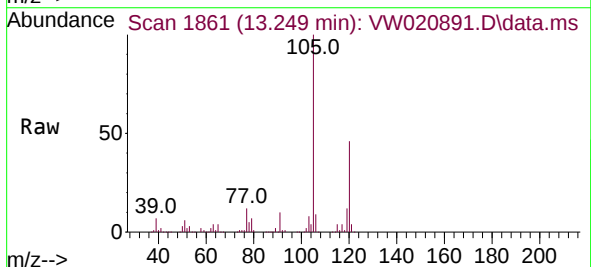
Acq: 15 Nov 2021 13:09

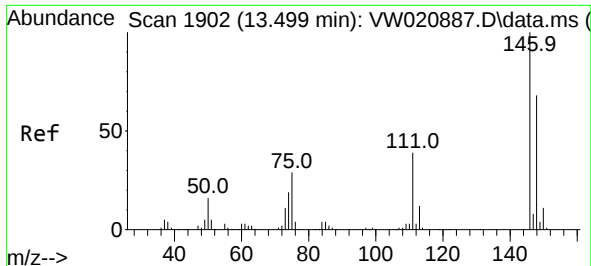
Tgt Ion:105 Resp: 176900

Ion Ratio Lower Upper

105 100

120 46.5 35.0 52.6

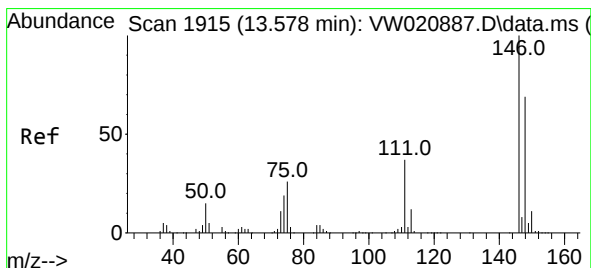
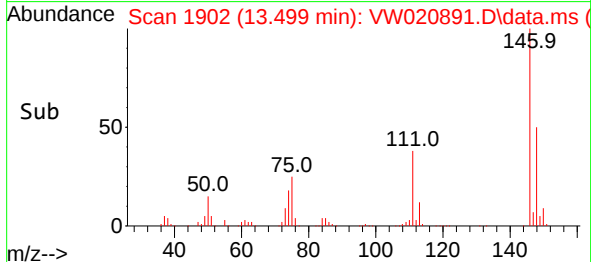
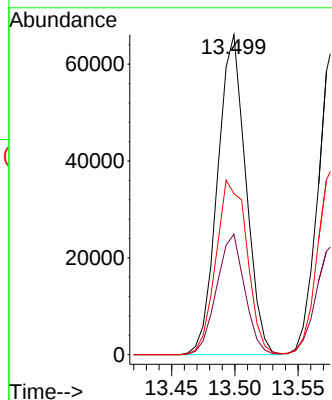
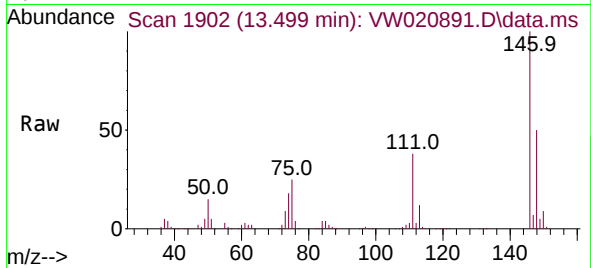




#64
1,3-Dichlorobenzene
Concen: 24.510 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

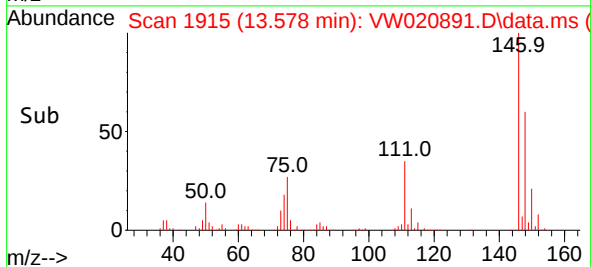
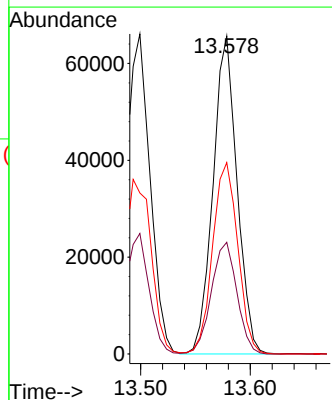
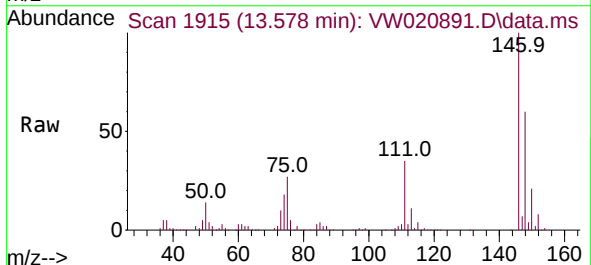
Instrument :
MSVOA_W
ClientSampleId :

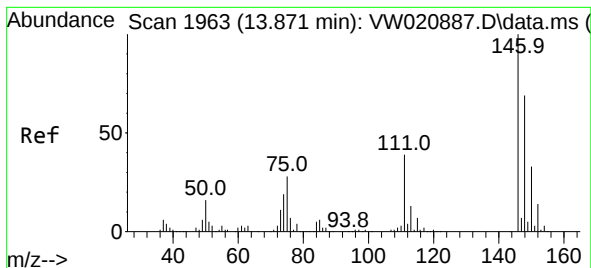
Tgt Ion:146 Resp: 102789
Ion Ratio Lower Upper
146 100
111 37.7 29.8 55.3
148 50.3 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.646 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

Tgt Ion:146 Resp: 100033
Ion Ratio Lower Upper
146 100
111 35.1 29.0 53.9
148 60.2 46.9 87.1

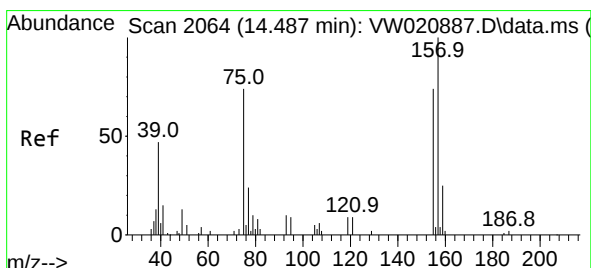
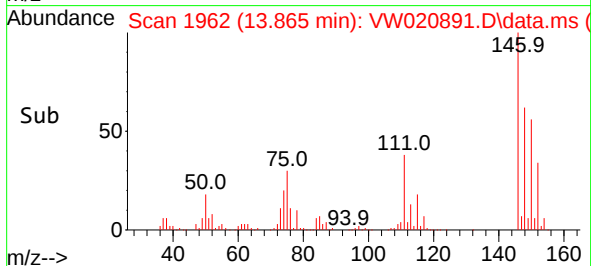
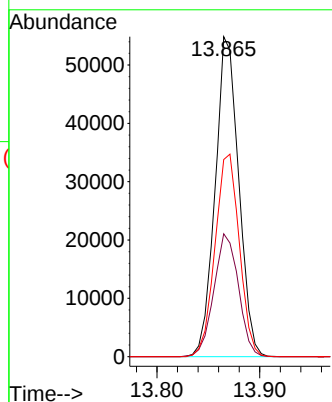
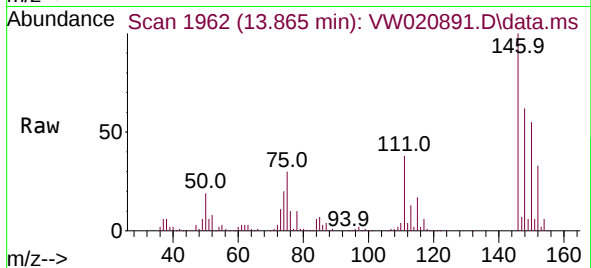




#67
1,2-Dichlorobenzene
Concen: 23.654 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

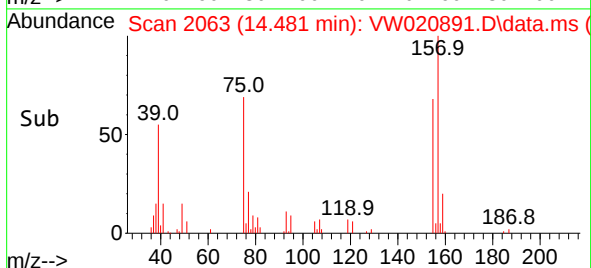
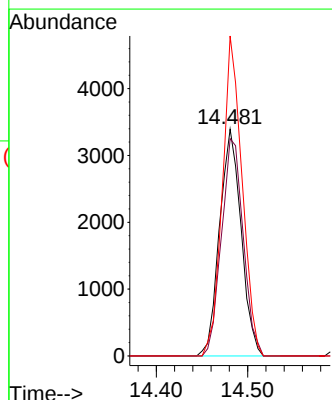
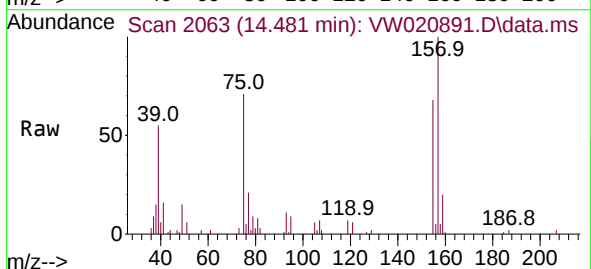
Instrument :
MSVOA_W
ClientSampleId :

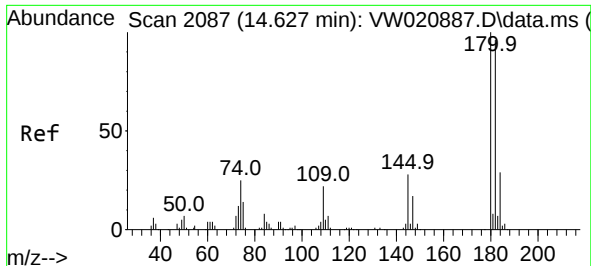
Tgt Ion:146 Resp: 87414
Ion Ratio Lower Upper
146 100
111 38.4 33.1 49.7
148 61.6 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 24.072 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW020891.D
Acq: 15 Nov 2021 13:09

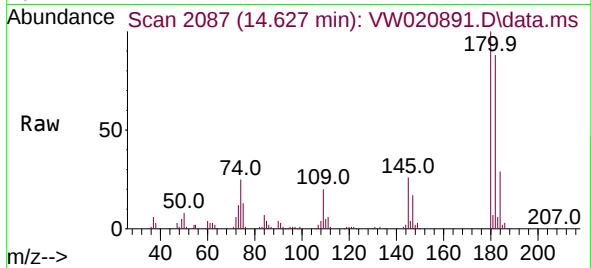
Tgt Ion: 75 Resp: 5544
Ion Ratio Lower Upper
75 100
155 95.8 54.2 81.2#
157 141.1 69.4 104.2#



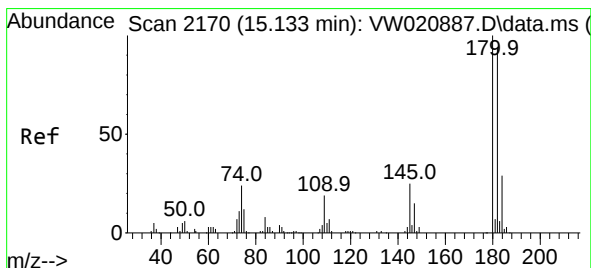
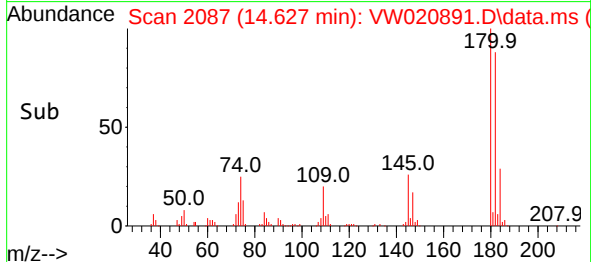
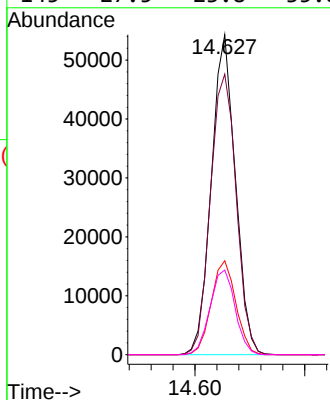


#69
 1,3,5-Trichlorobenzene
 Concen: 24.901 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW020891.D
 Acq: 15 Nov 2021 13:09

Instrument :
 MSVOA_W
 ClientSampleId :

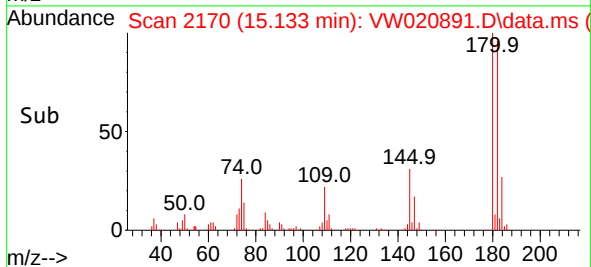
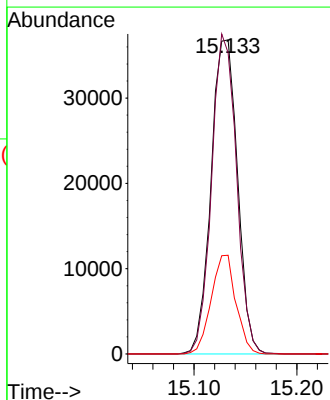
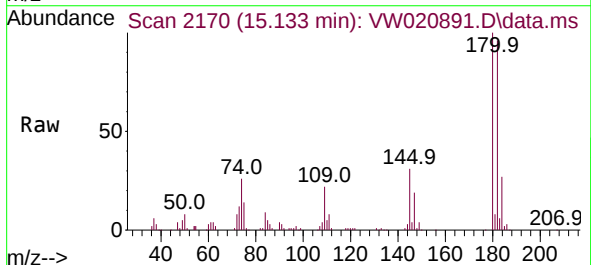


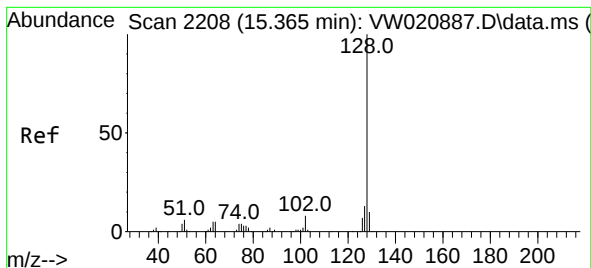
Tgt Ion:180 Resp: 82714
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.4 113.0
 184 30.1 23.8 35.8
 145 27.5 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 24.230 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VW020891.D
 Acq: 15 Nov 2021 13:09

Tgt Ion:180 Resp: 65845
 Ion Ratio Lower Upper
 180 100
 182 95.7 79.0 118.6
 145 29.4 26.0 39.0





#71

Naphthalene

Concen: 25.949 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Instrument :

MSVOA_W

ClientSampleId :

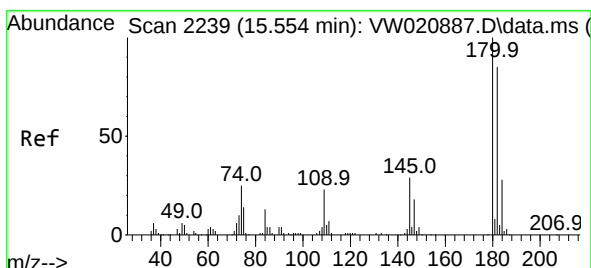
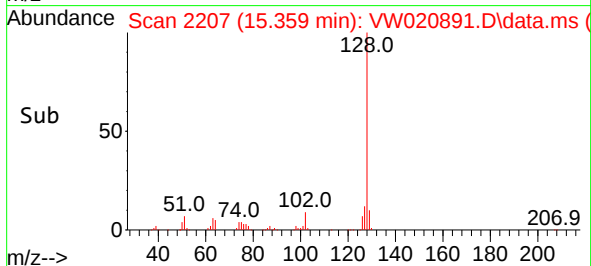
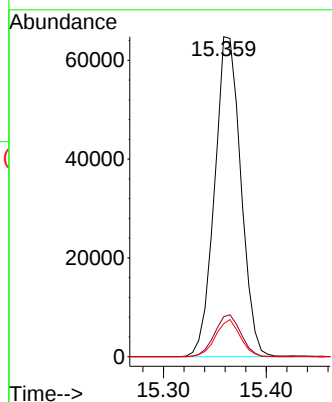
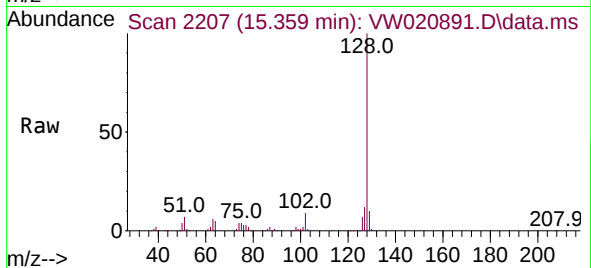
Tgt Ion:128 Resp: 114900

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.979 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW020891.D

Acq: 15 Nov 2021 13:09

Tgt Ion:180 Resp: 52694

Ion Ratio Lower Upper

180 100

182 99.5 76.6 114.8

145 33.0 27.4 41.0

