

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020890.D
 Acq On : 15 Nov 2021 12:45
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 03:58:31 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	8.841	114	119801	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	110025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	60014	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38115	27.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.720%	
7) Chloroethane-d5	2.885	69	23933	26.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.800%	
11) 1,1-Dichloroethene-d2	4.019	63	70320	26.154	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.600%	
21) 2-Butanone-d5	7.073	46	21563	62.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 124.340%	
24) Chloroform-d	7.652	84	83358	27.615	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.440%	
26) 1,2-Dichloroethane-d4	8.305	65	44082	28.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 115.080%	
32) Benzene-d6	8.274	84	161822	27.906	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 111.640%	
36) 1,2-Dichloropropane-d6	9.274	67	46791	28.336	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.360%	
41) Toluene-d8	10.323	98	157942	27.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.760%	
43) trans-1,3-Dichloroprop...	10.579	79	22756	29.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 116.640%	
47) 2-Hexanone-d5	10.920	63	18283	66.758	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 133.520%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39897	31.540	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 126.160%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	61473	28.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 114.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	9919	28.608	ug/L	95
3) Chloromethane	2.214	50	23121	21.934	ug/L	99
5) Vinyl chloride	2.361	62	40938	22.453	ug/L	91
6) Bromomethane	2.781	94	22602	22.356	ug/L	95
8) Chloroethane	2.922	64	17252	22.507	ug/L	93
9) Trichlorofluoromethane	3.263	101	24473	23.043	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	38301	23.723	ug/L	90
12) 1,1-Dichloroethene	4.037	96	34504	22.987	ug/L	81
13) Acetone	4.123	43	15447	49.881	ug/L	94
14) Carbon disulfide	4.385	76	88090	21.699	ug/L	99
15) Methyl Acetate	4.671	43	15056	27.110	ug/L	# 90
16) Methylene chloride	4.915	84	36104	21.608	ug/L	86
17) trans-1,2-Dichloroethene	5.427	96	38067	23.531	ug/L	80
18) Methyl tert-butyl Ether	5.433	73	62912	25.907	ug/L	93
19) 1,1-Dichloroethane	6.220	63	64068	23.901	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	41427	23.760	ug/L	74
22) 2-Butanone	7.171	43	21216	50.425	ug/L	87
23) Bromochloromethane	7.518	128	19843	24.894	ug/L	# 65
25) Chloroform	7.677	83	69761	23.811	ug/L	94

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
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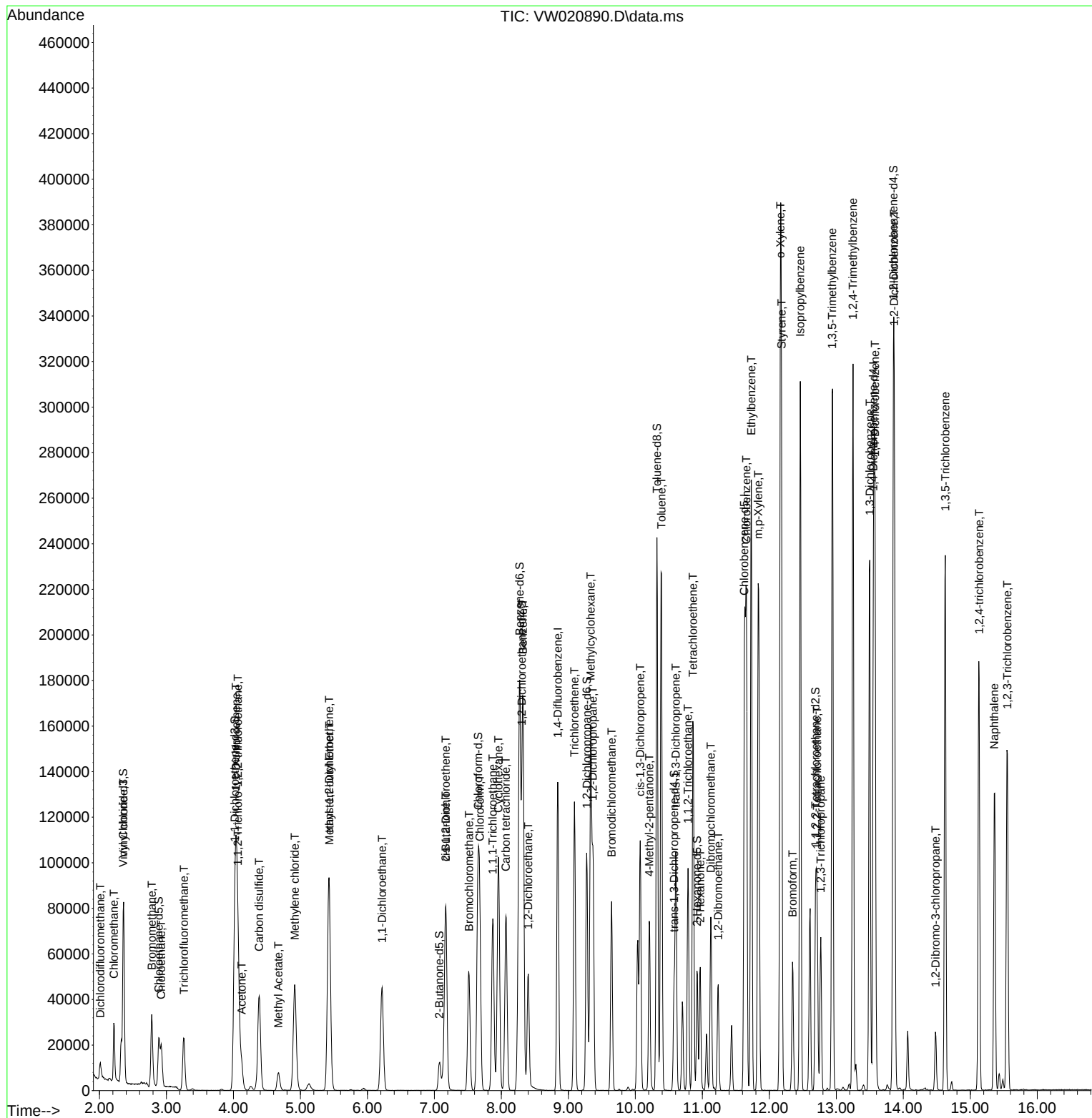
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	44996	25.363	ug/L	98
29) Cyclohexane	7.957	56	56122	22.880	ug/L #	85
30) 1,1,1-Trichloroethane	7.872	97	62468	23.610	ug/L	94
31) Carbon tetrachloride	8.067	117	58672	23.429	ug/L	99
33) Benzene	8.323	78	147706	23.710	ug/L	100
34) Trichloroethene	9.091	95	41219	23.656	ug/L	88
35) Methylcyclohexane	9.335	83	65746	22.885	ug/L	86
37) 1,2-Dichloropropane	9.366	63	35195	24.275	ug/L #	97
38) Bromodichloromethane	9.646	83	52461	25.214	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	60812	25.404	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	47526	55.075	ug/L #	93
42) Toluene	10.390	91	169573	24.200	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	53418	25.392	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	30128	26.719	ug/L	93
46) Tetrachloroethene	10.859	164	37902	23.691	ug/L	98
48) 2-Hexanone	10.969	43	34646	57.962	ug/L #	95
49) Dibromochloromethane	11.127	129	40072	25.777	ug/L	93
50) 1,2-Dibromoethane	11.237	107	30171	26.688	ug/L #	96
51) Chlorobenzene	11.658	112	115460	24.775	ug/L	89
52) Ethylbenzene	11.731	91	188062	24.220	ug/L	98
53) m,p-Xylene	11.835	106	75353	23.770	ug/L	83
54) o-Xylene	12.164	106	73144	24.025	ug/L	90
55) Styrene	12.182	104	121510	24.036	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	34906	27.930	ug/L #	98
59) Bromoform	12.347	173	25265	28.234	ug/L #	98
60) Isopropylbenzene	12.463	105	199522	24.409	ug/L	95
61) 1,2,3-Trichloropropane	12.767	75	25028	28.431	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	166655	24.169	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	168752	24.804	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	99757	26.030	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	98715	25.535	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	88182	26.112	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5707	27.117	ug/L #	51
69) 1,3,5-Trichlorobenzene	14.627	180	72079	23.747	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	63577	25.603	ug/L	94
71) Naphthalene	15.358	128	115510	28.548	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	53058	25.320	ug/L	93

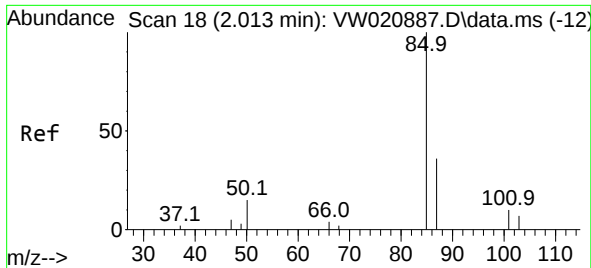
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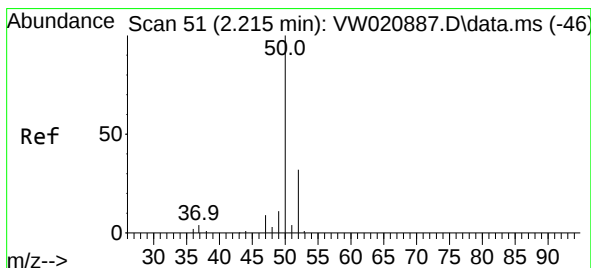
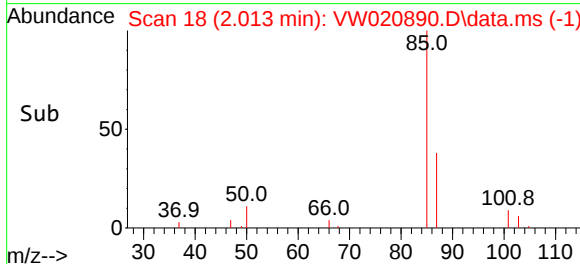
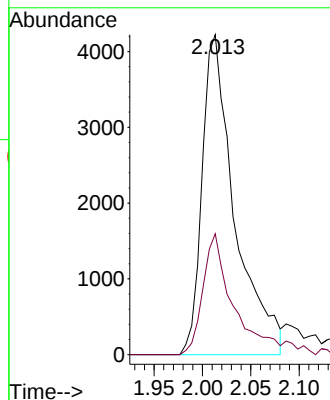
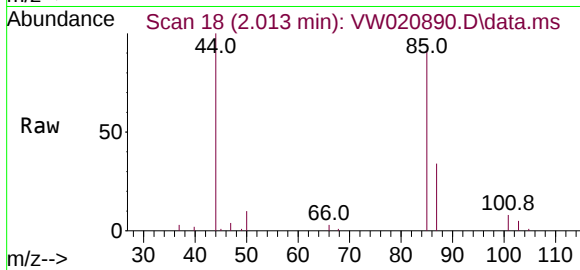




#2
 Dichlorodifluoromethane
 Concen: 28.608 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020890.D
 Acq: 15 Nov 2021 12:45

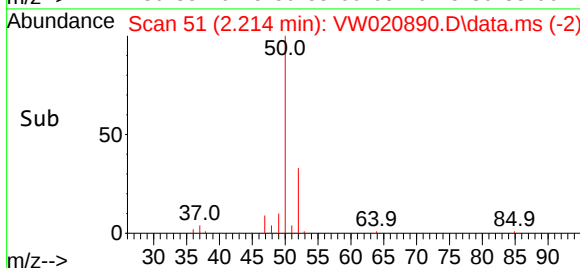
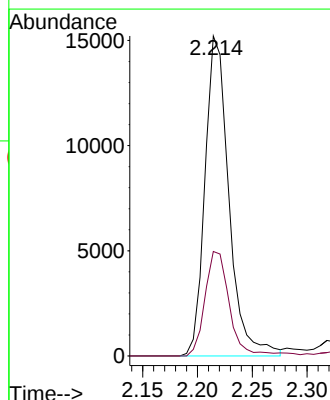
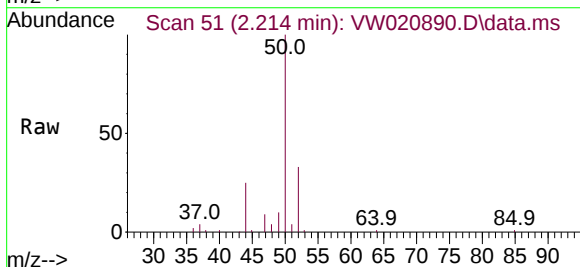
Instrument :
 MSVOA_W
 ClientSampleId :

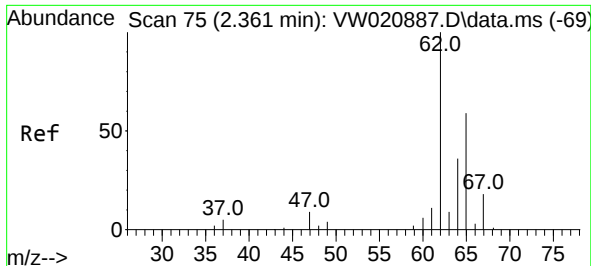
Tgt Ion: 85 Resp: 9919
 Ion Ratio Lower Upper
 85 100
 87 34.7 25.8 38.6



#3
 Chloromethane
 Concen: 21.934 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020890.D
 Acq: 15 Nov 2021 12:45

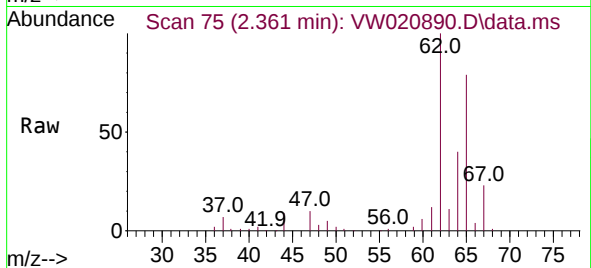
Tgt Ion: 50 Resp: 23121
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.6



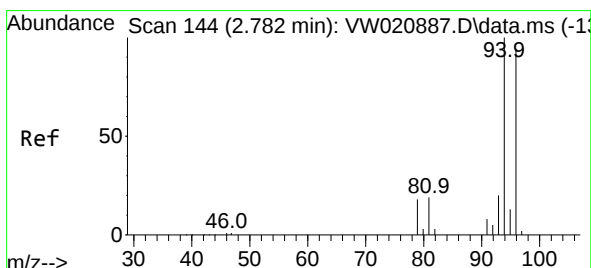
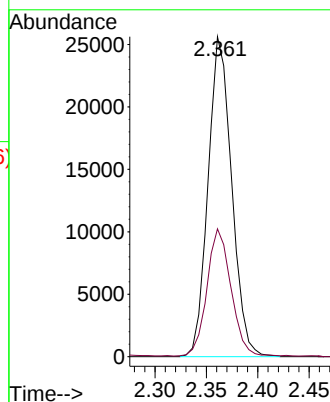
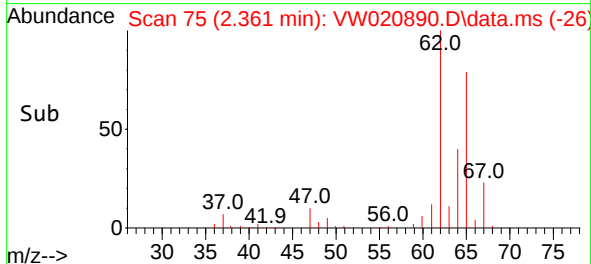


#5
 Vinyl chloride
 Concen: 22.453 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW020890.D
 Acq: 15 Nov 2021 12:45

Instrument :
 MSVOA_W
 ClientSampleId :

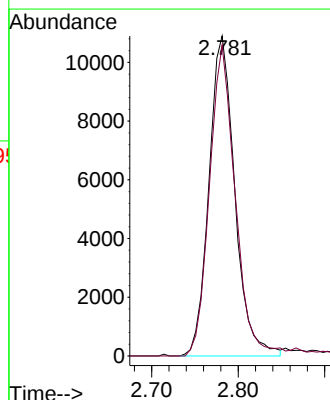
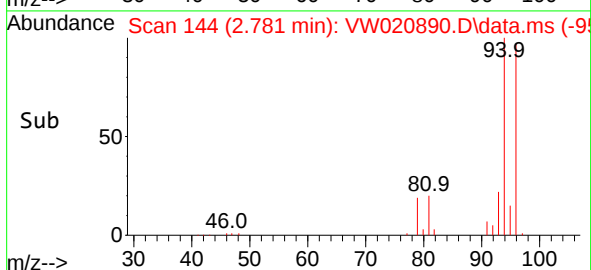
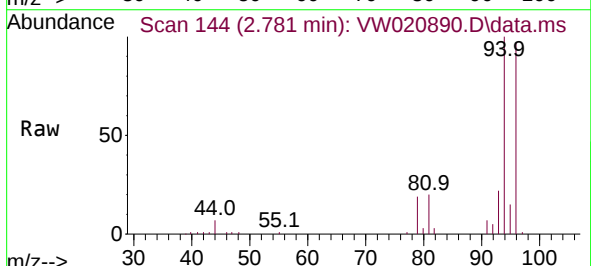


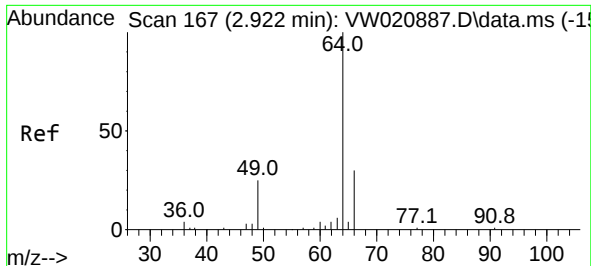
Tgt Ion: 62 Resp: 40938
 Ion Ratio Lower Upper
 62 100
 64 40.0 24.4 45.2



#6
 Bromomethane
 Concen: 22.356 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW020890.D
 Acq: 15 Nov 2021 12:45

Tgt Ion: 94 Resp: 22602
 Ion Ratio Lower Upper
 94 100
 96 97.1 64.8 120.4

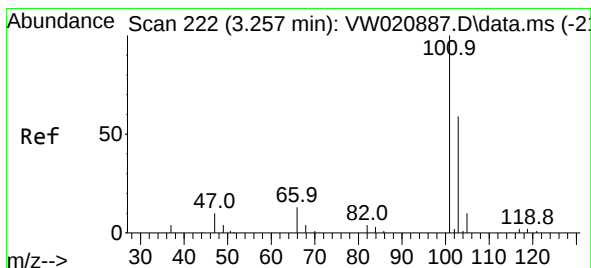
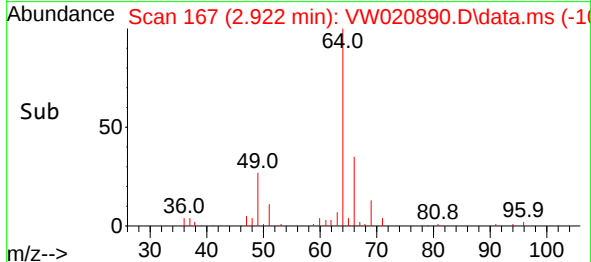
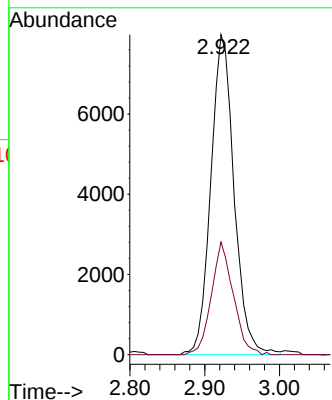
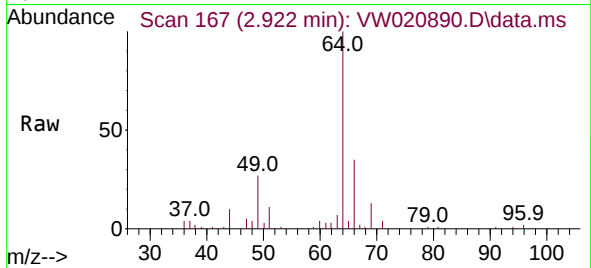




#8
Chloroethane
Concen: 22.507 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

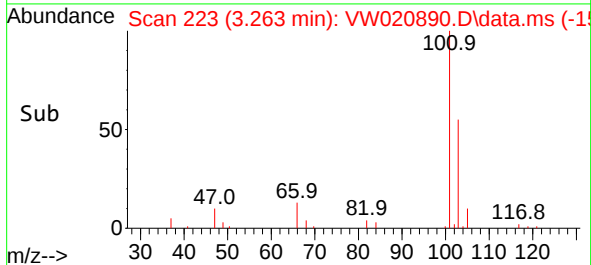
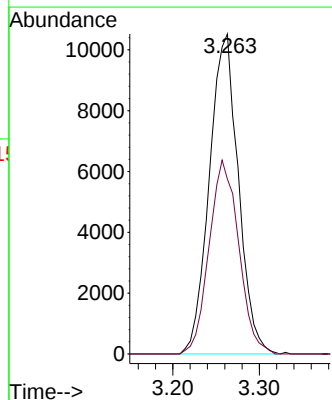
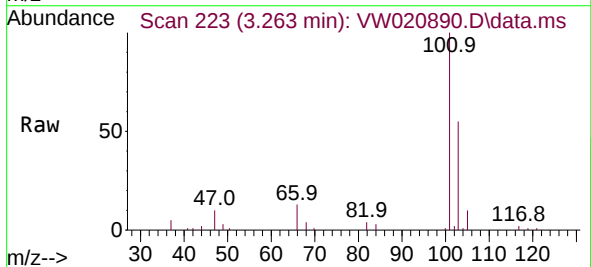
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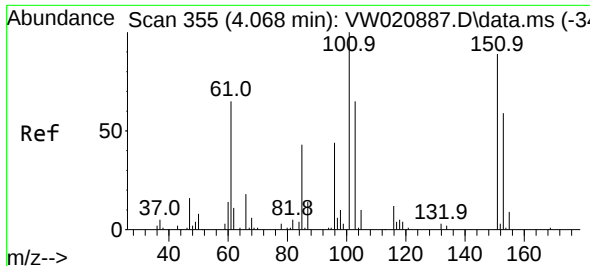
Tgt Ion: 64 Resp: 17252
Ion Ratio Lower Upper
64 100
66 35.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.043 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion:101 Resp: 24473
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.2

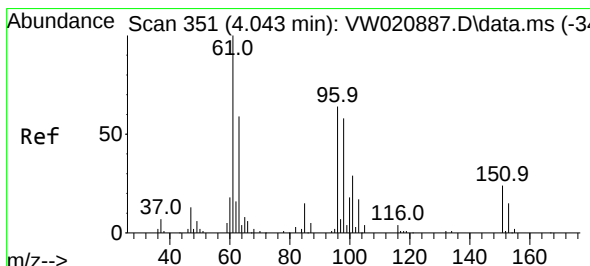
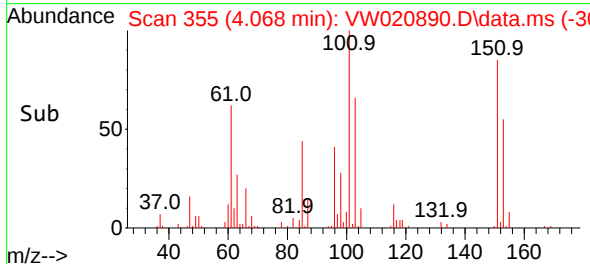
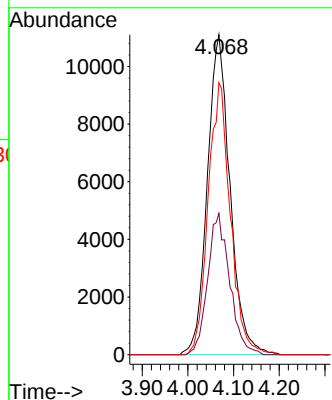
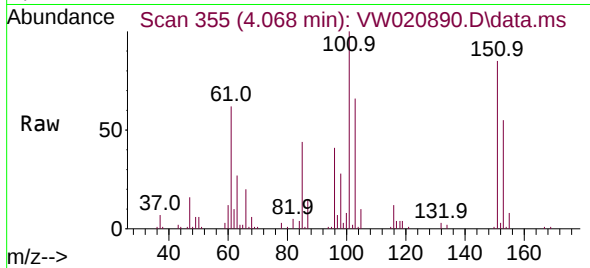




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.723 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW020890.D
 Acq: 15 Nov 2021 12:45

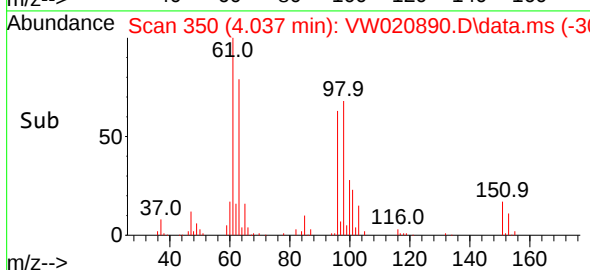
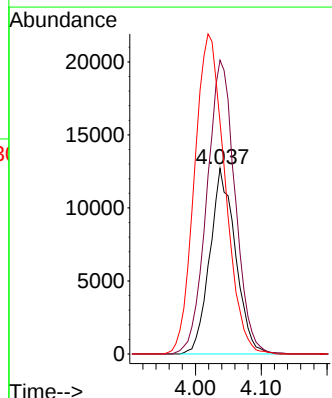
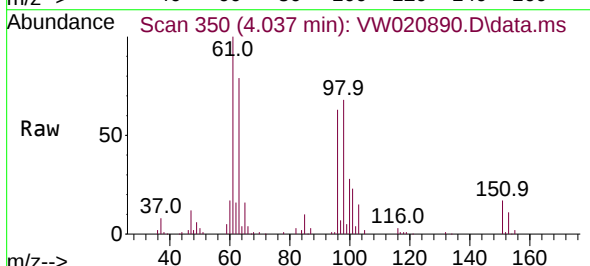
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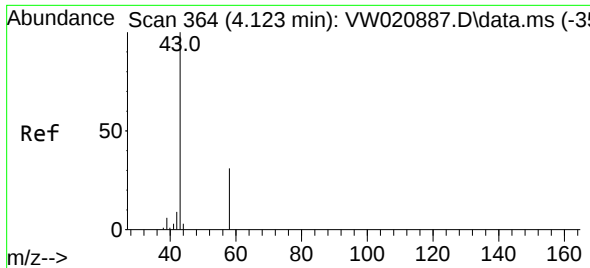
Tgt Ion:101 Resp: 38301
 Ion Ratio Lower Upper
 101 100
 85 42.7 36.6 54.8
 151 83.2 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.987 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW020890.D
 Acq: 15 Nov 2021 12:45

Tgt Ion: 96 Resp: 34504
 Ion Ratio Lower Upper
 96 100
 61 158.3 138.3 256.9
 63 124.8 82.6 153.4





#13

Acetone

Concen: 49.881 ug/L

RT: 4.123 min Scan# 30

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

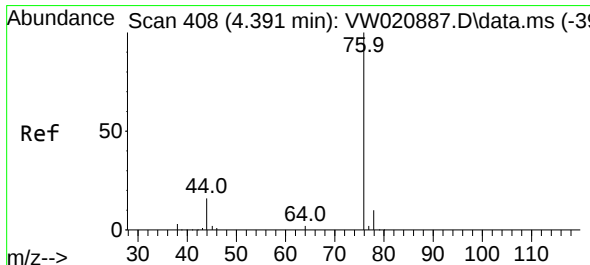
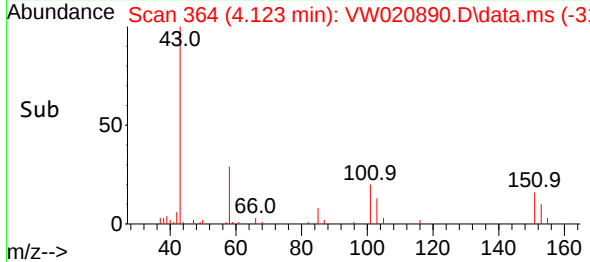
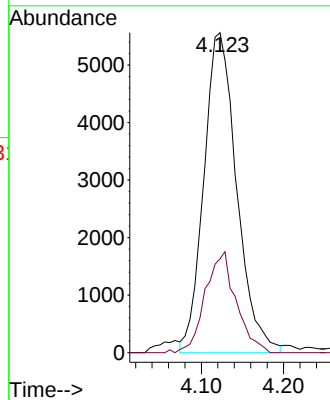
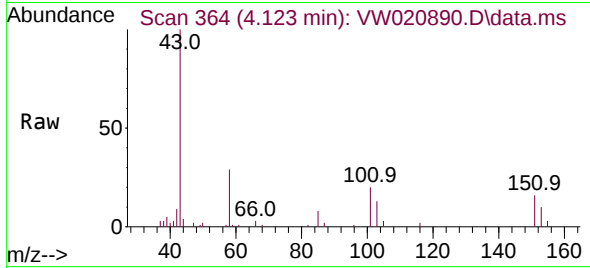
ClientSampleId :

Tgt Ion: 43 Resp: 15447

Ion Ratio Lower Upper

43 100

58 29.5 0.0 52.8



#14

Carbon disulfide

Concen: 21.699 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW020890.D

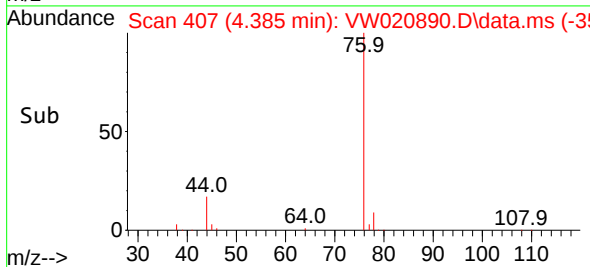
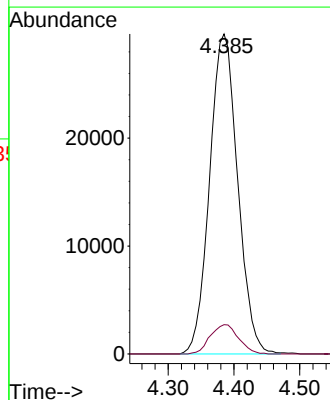
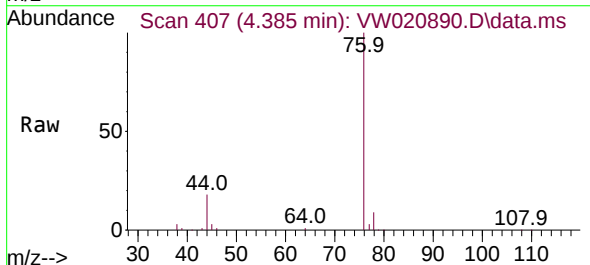
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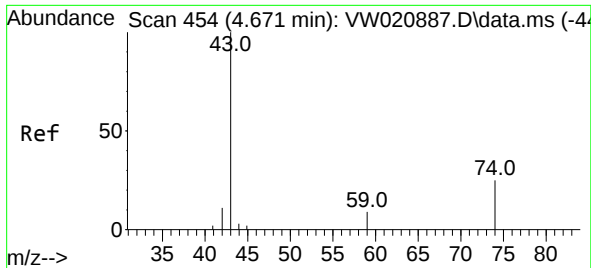
Tgt Ion: 76 Resp: 88090

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

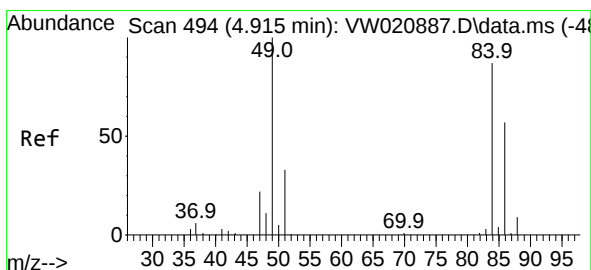
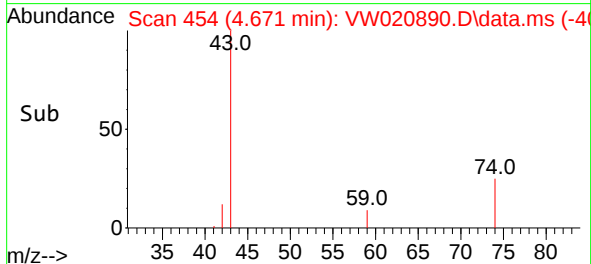
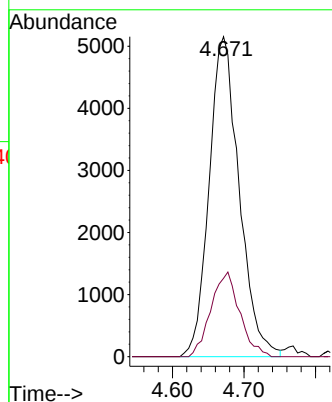
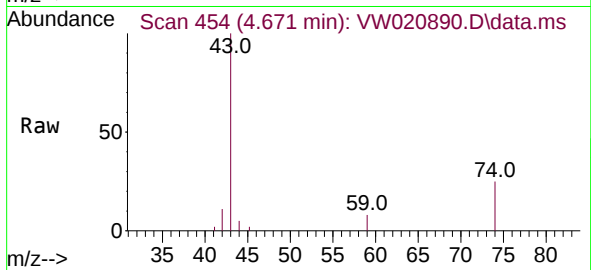




#15
Methyl Acetate
Concen: 27.110 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

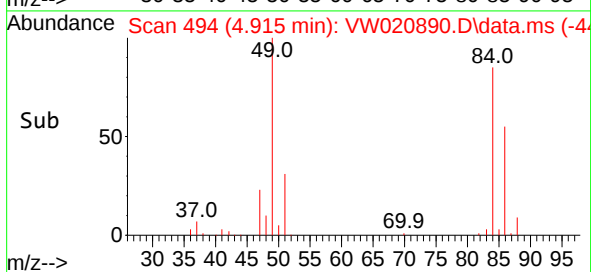
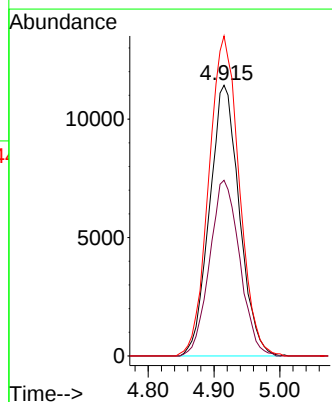
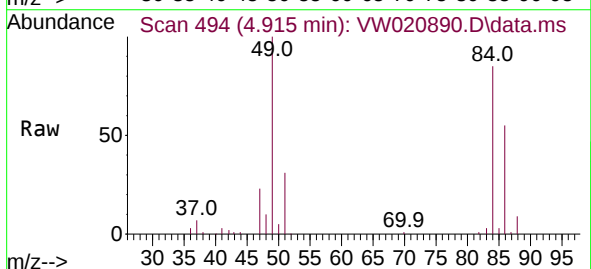
Instrument :
MSVOA_W
ClientSampleId :

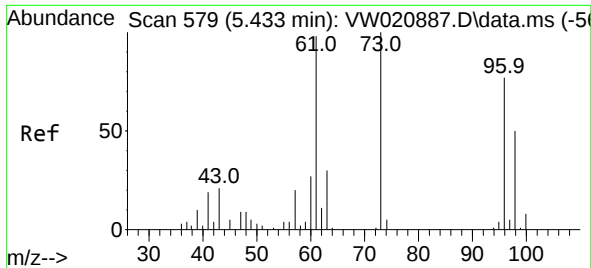
Tgt Ion: 43 Resp: 15056
Ion Ratio Lower Upper
43 100
74 25.3 16.4 24.6#



#16
Methylene chloride
Concen: 21.608 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion: 84 Resp: 36104
Ion Ratio Lower Upper
84 100
86 64.9 45.5 84.5
49 118.2 100.5 186.7

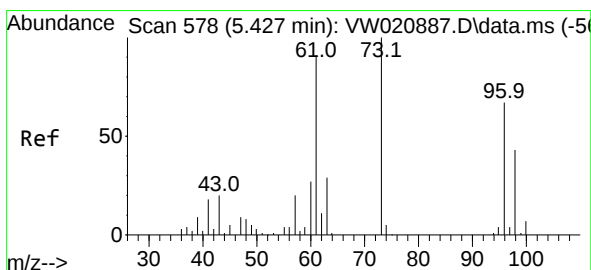
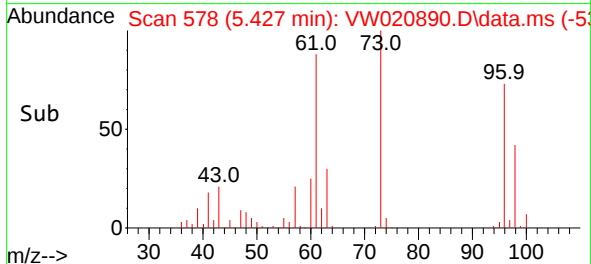
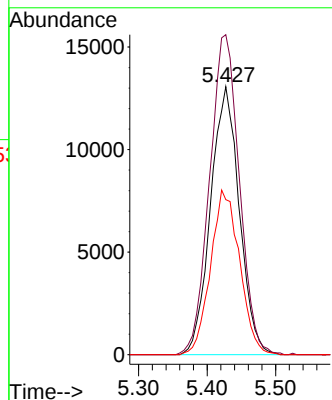
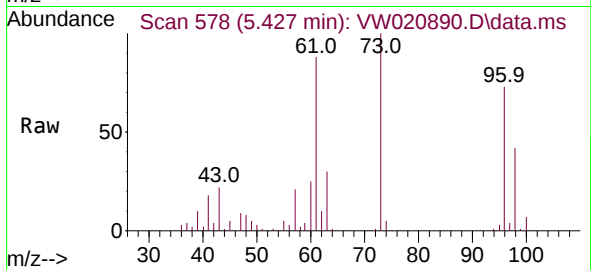




#17
trans-1,2-Dichloroethene
Concen: 23.531 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

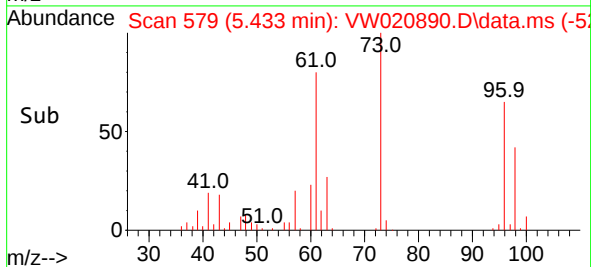
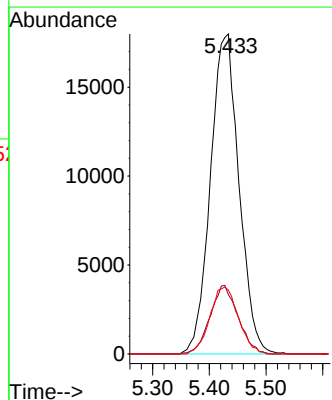
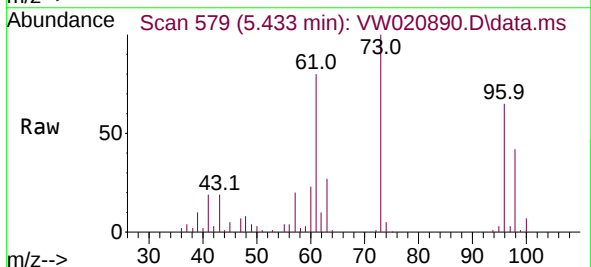
Instrument :
MSVOA_W
ClientSampleId :

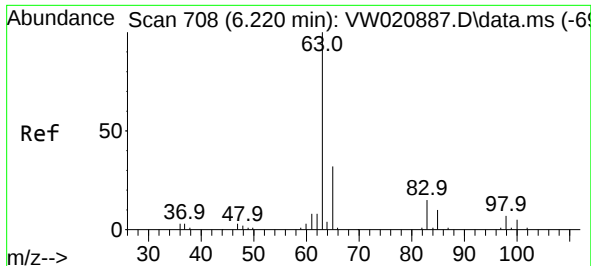
Tgt Ion: 96 Resp: 38067
Ion Ratio Lower Upper
96 100
61 119.4 107.4 199.4
98 57.8 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.907 ug/L
RT: 5.433 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion: 73 Resp: 62912
Ion Ratio Lower Upper
73 100
43 21.0 19.5 29.3
57 20.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.901 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW020890.D

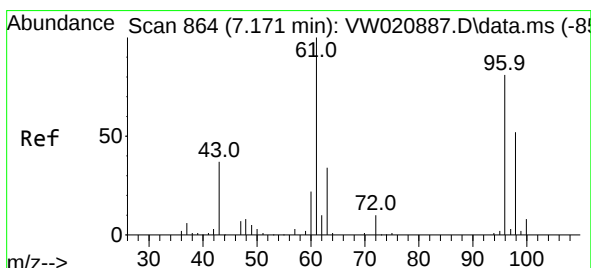
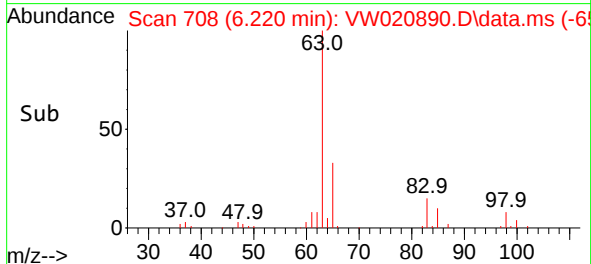
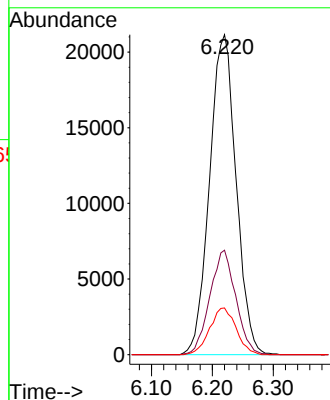
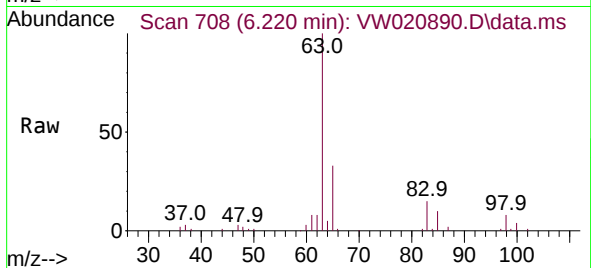
Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 64068		
Ion Ratio	Lower	Upper	
63	100		
65	32.6	22.1	41.1
83	14.6	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 23.760 ug/L

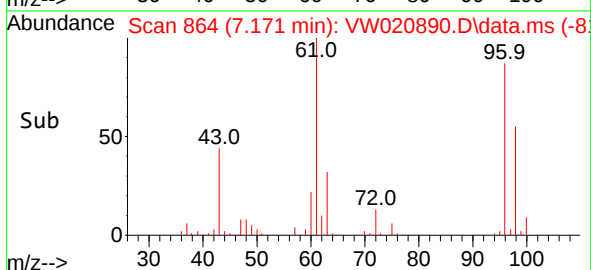
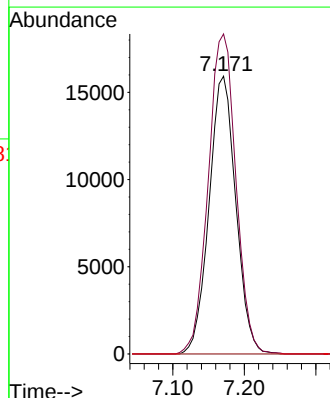
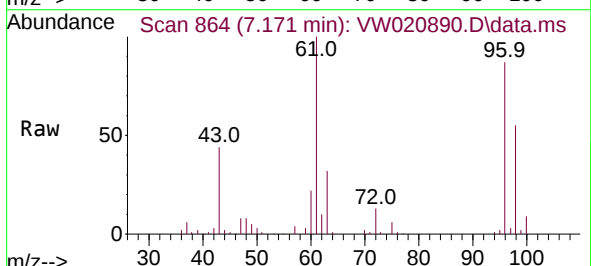
RT: 7.171 min Scan# 864

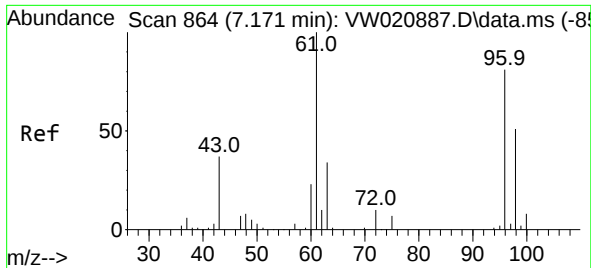
Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Tgt Ion: 96	Resp: 41427		
Ion Ratio	Lower	Upper	
96	100		
61	115.2	103.7	192.7
68	0.0	0.0	0.0

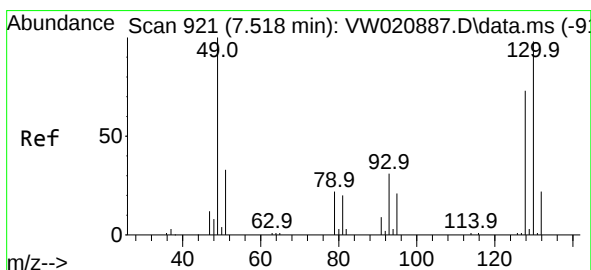
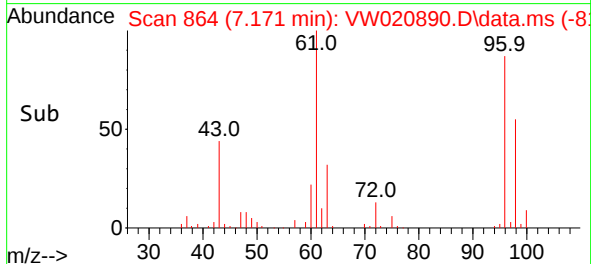
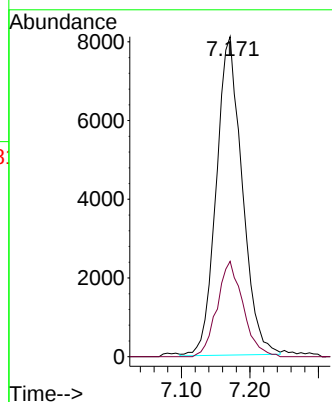
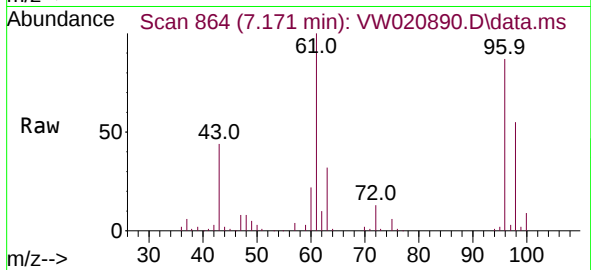




#22
2-Butanone
Concen: 50.425 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

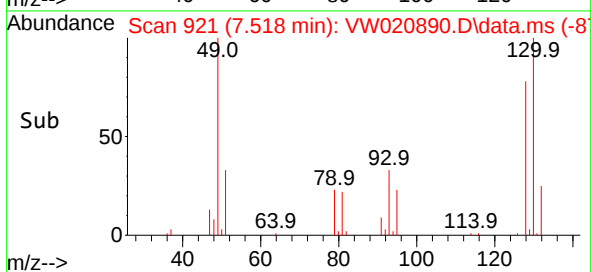
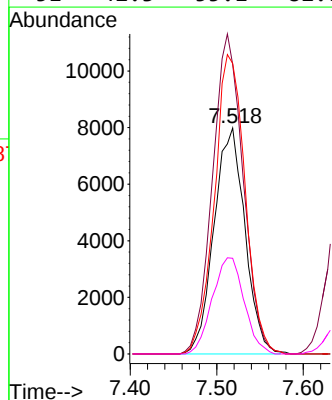
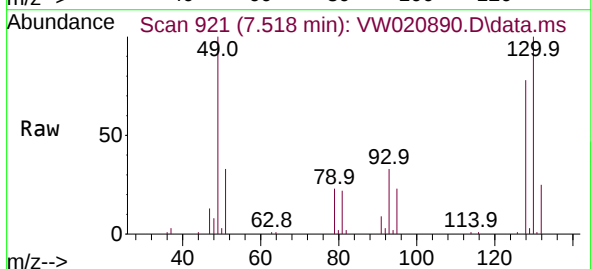
Instrument :
MSVOA_W
ClientSampleId :

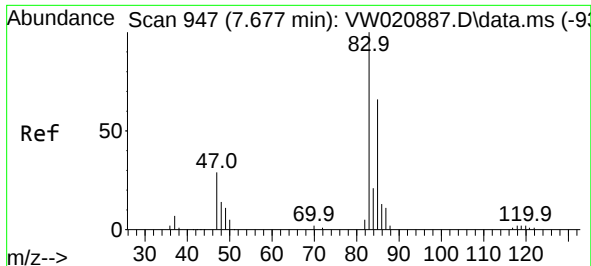
Tgt Ion: 43 Resp: 21216
Ion Ratio Lower Upper
43 100
72 30.1 11.8 35.4



#23
Bromochloromethane
Concen: 24.894 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion: 128 Resp: 19843
Ion Ratio Lower Upper
128 100
49 128.1 150.3 279.1#
130 128.6 88.3 163.9
51 42.3 55.1 82.7#

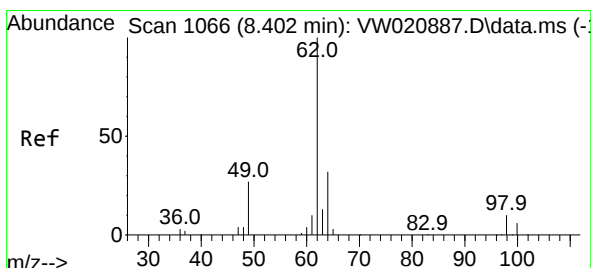
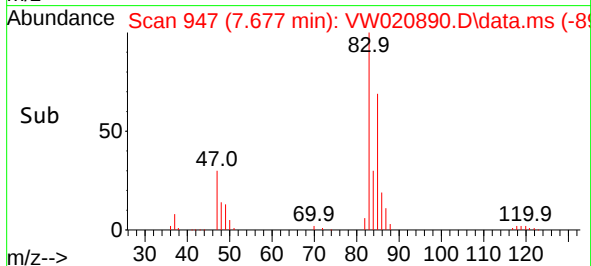
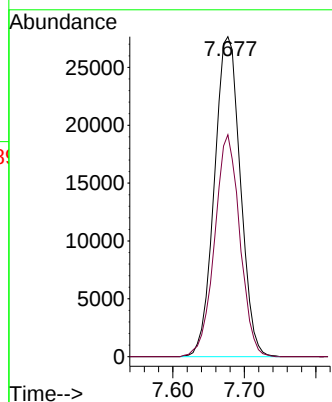
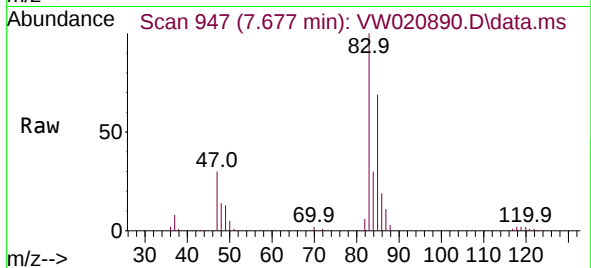




#25
Chloroform
Concen: 23.811 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

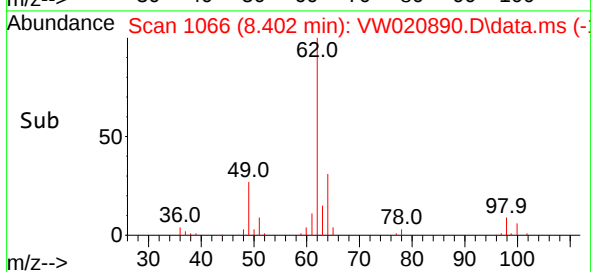
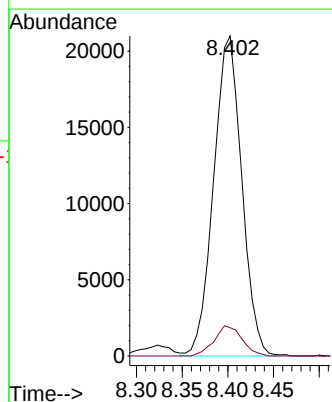
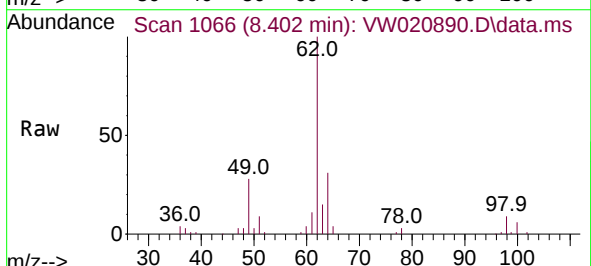
Instrument :
MSVOA_W
ClientSampleId :

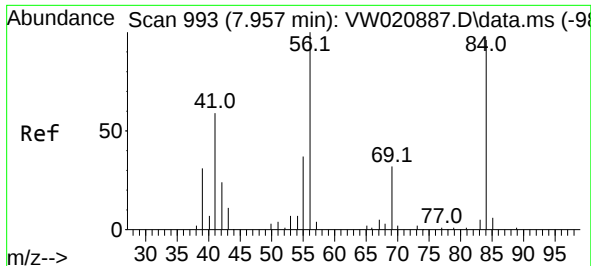
Tgt Ion: 83 Resp: 69761
Ion Ratio Lower Upper
83 100
85 69.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.363 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

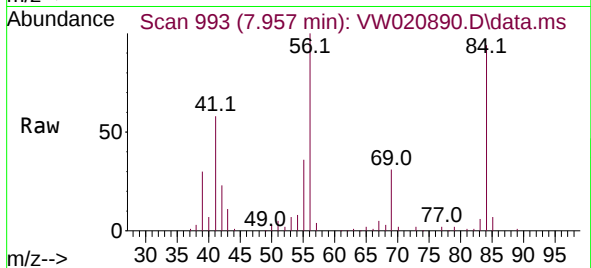
Tgt Ion: 62 Resp: 44996
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7



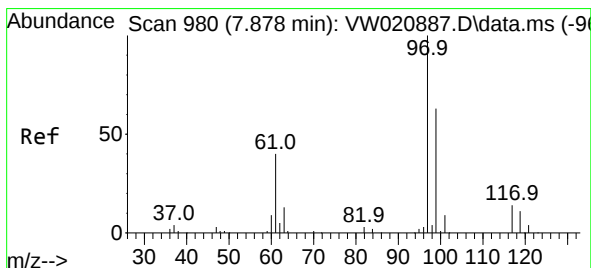
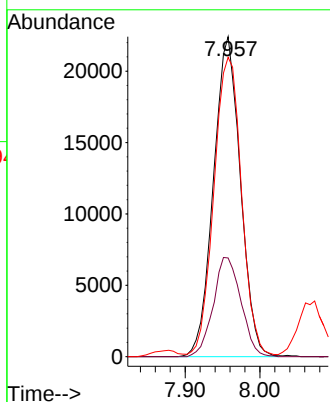
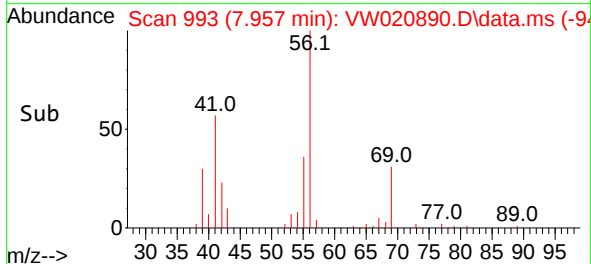


#29
Cyclohexane
Concen: 22.880 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Instrument :
MSVOA_W
ClientSampleId :

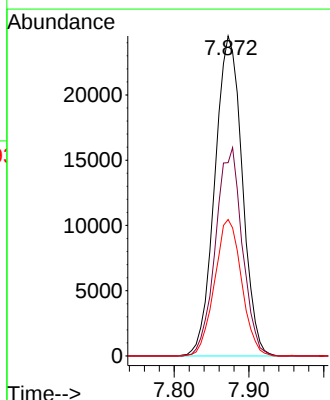
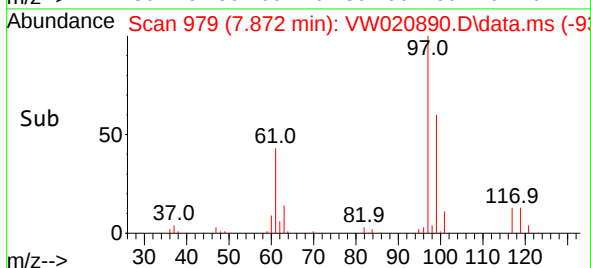
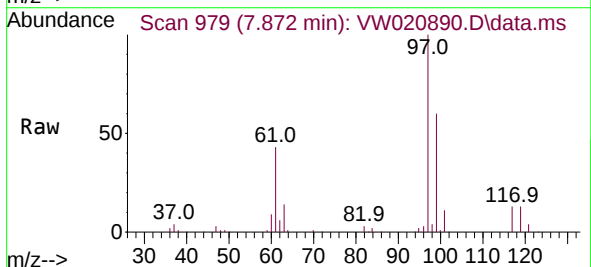


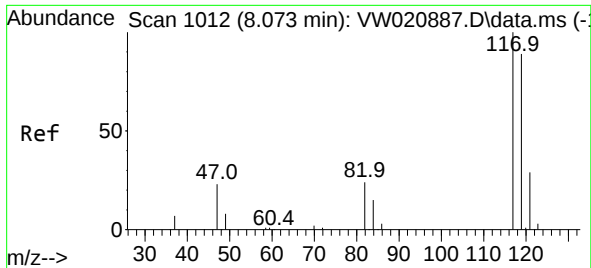
Tgt Ion: 56 Resp: 56122
Ion Ratio Lower Upper
56 100
69 31.8 23.5 35.3
84 96.3 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 23.610 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion: 97 Resp: 62468
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 42.1 40.9 61.3

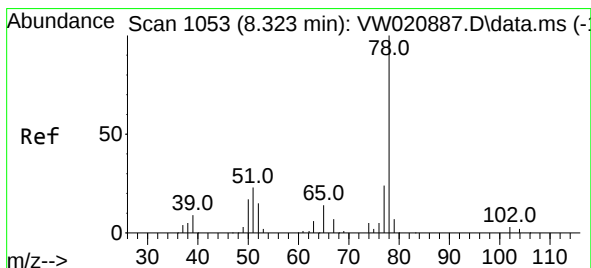
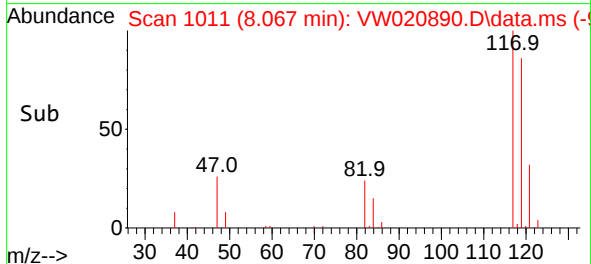
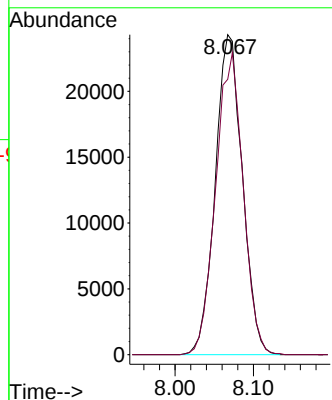
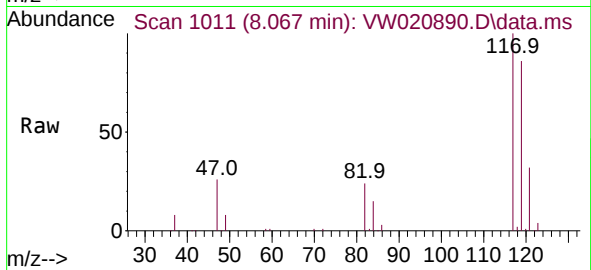




#31
Carbon tetrachloride
Concen: 23.429 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

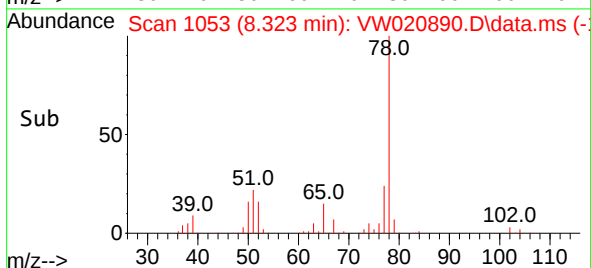
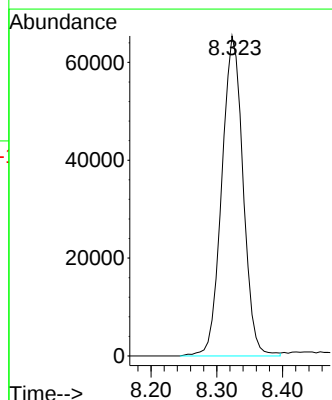
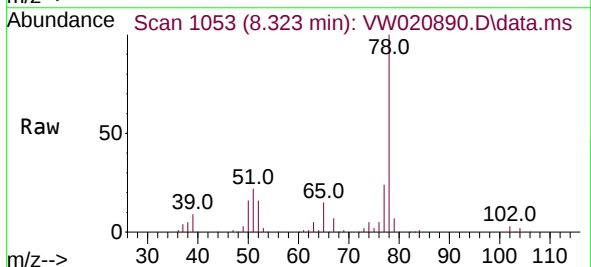
Instrument :
MSVOA_W
ClientSampleId :

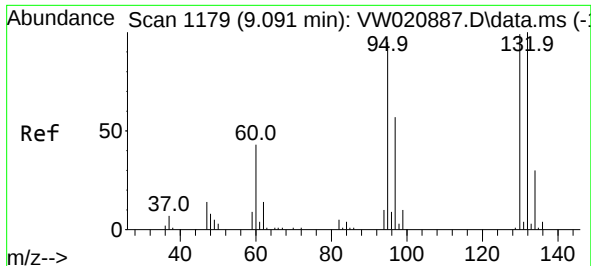
Tgt Ion:117 Resp: 58672
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5



#33
Benzene
Concen: 23.710 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion: 78 Resp: 147706





#34

Trichloroethene

Concen: 23.656 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

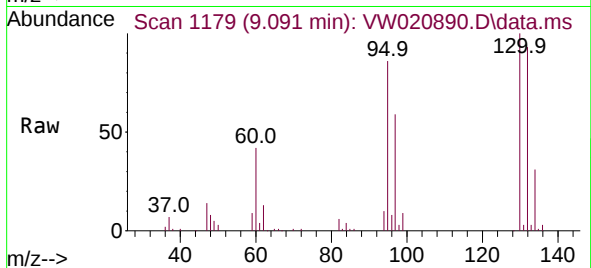
Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 41219

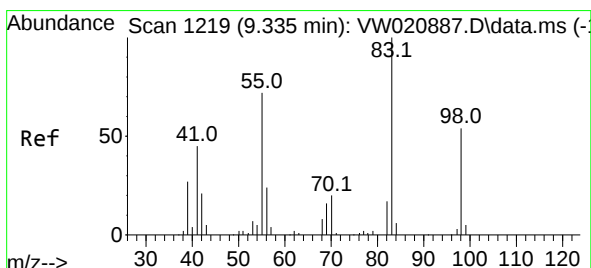
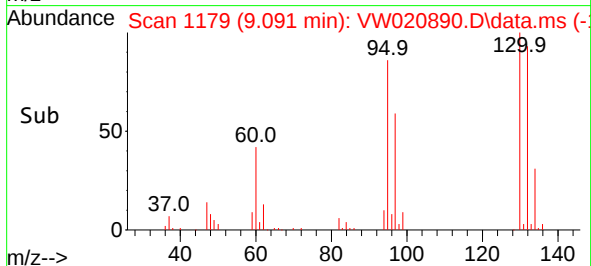
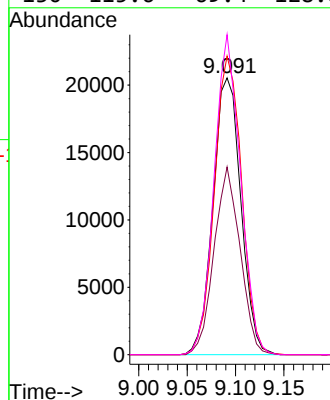
Ion Ratio Lower Upper

95 100

97 67.8 47.0 87.2

132 107.9 65.5 121.6

130 115.6 69.4 128.8



#35

Methylcyclohexane

Concen: 22.885 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

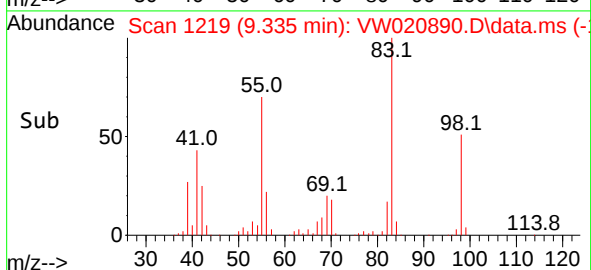
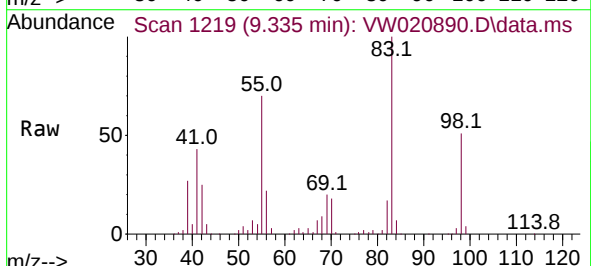
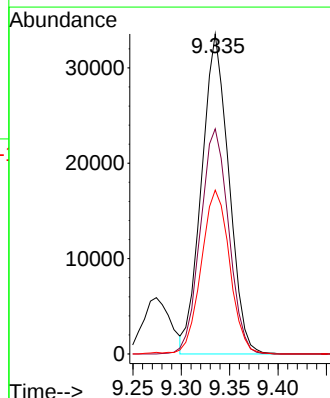
Tgt Ion: 83 Resp: 65746

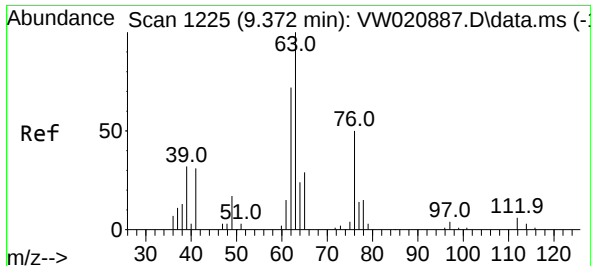
Ion Ratio Lower Upper

83 100

55 73.0 70.8 106.2

98 53.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.275 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

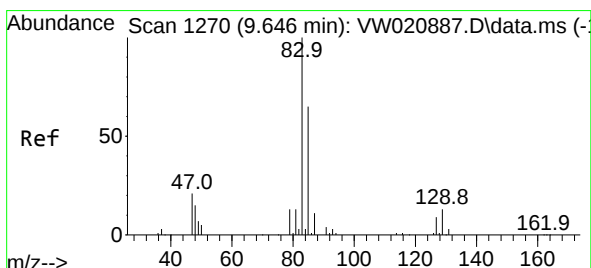
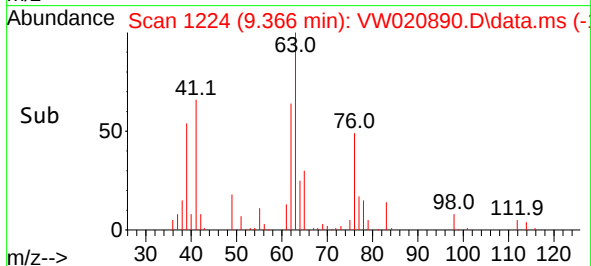
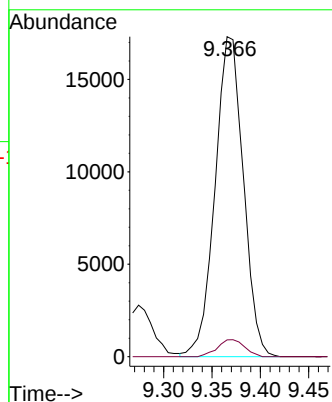
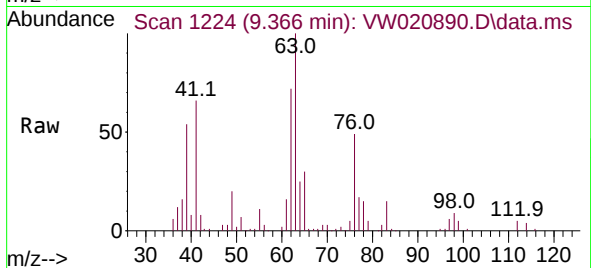
ClientSampleId :

Tgt Ion: 63 Resp: 35195

Ion Ratio Lower Upper

63 100

112 5.1 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.214 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

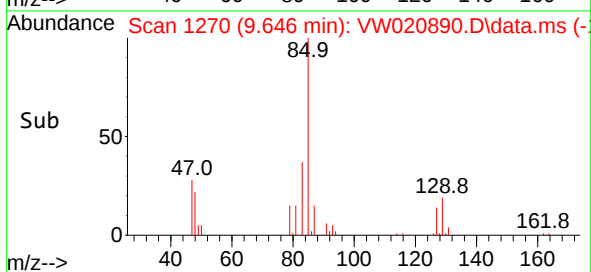
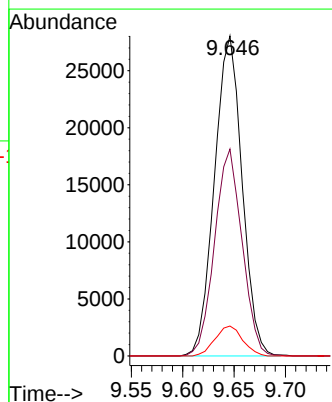
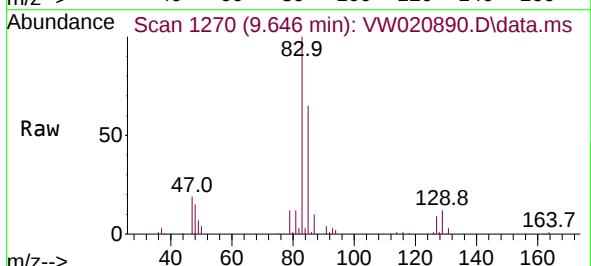
Tgt Ion: 83 Resp: 52461

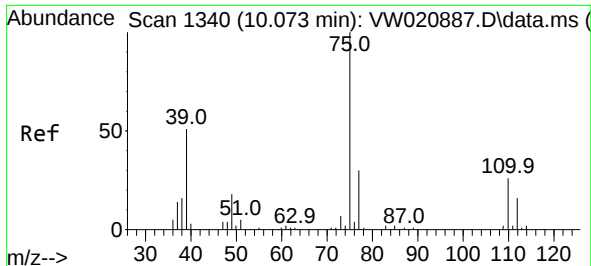
Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

127 9.3 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.404 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

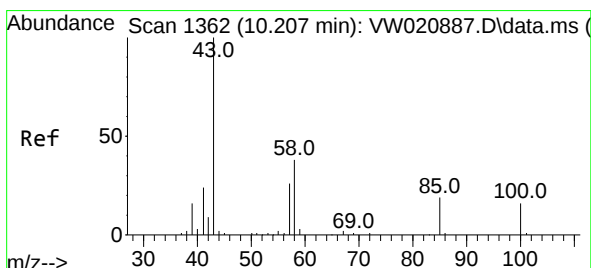
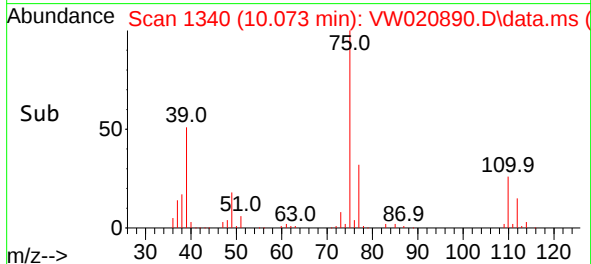
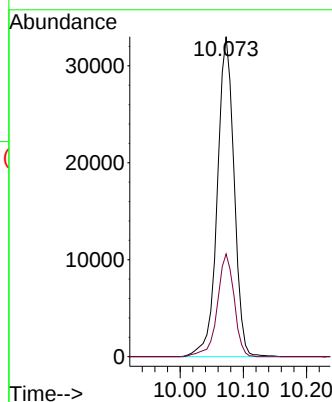
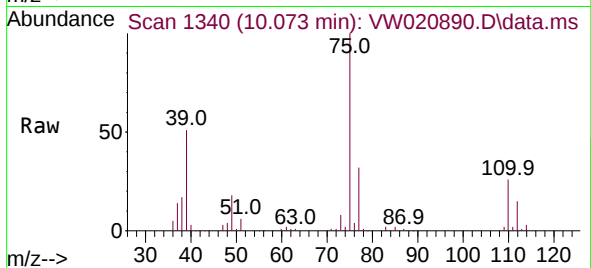
ClientSampleId :

Tgt Ion: 75 Resp: 60812

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.075 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

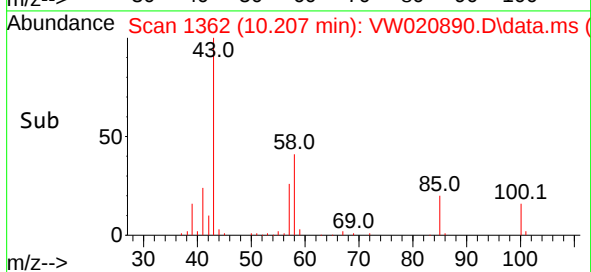
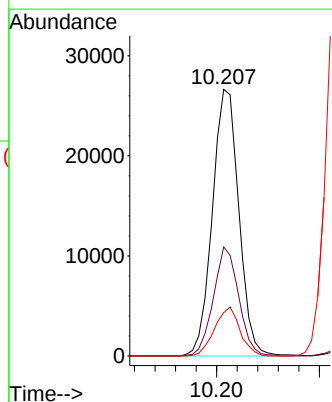
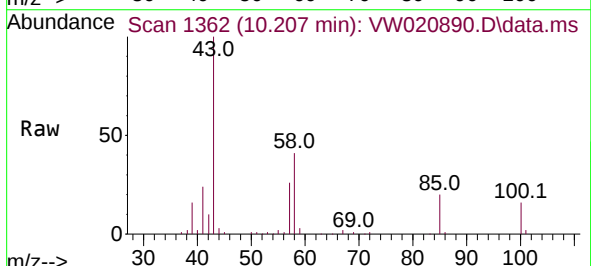
Tgt Ion: 43 Resp: 47526

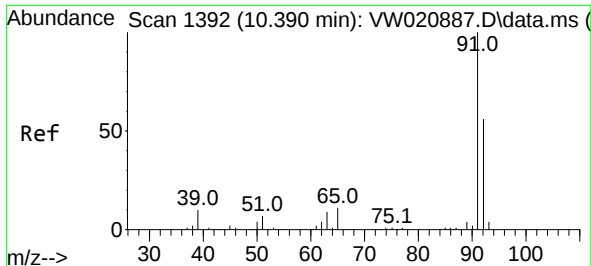
Ion Ratio Lower Upper

43 100

58 39.1 28.8 43.2

100 17.6 10.0 15.0#

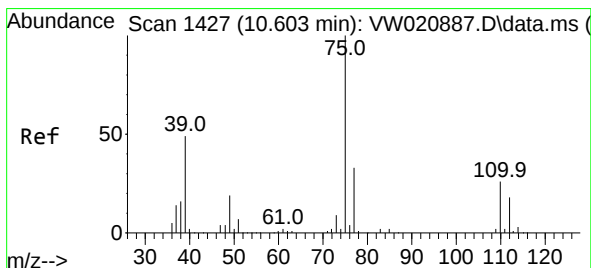
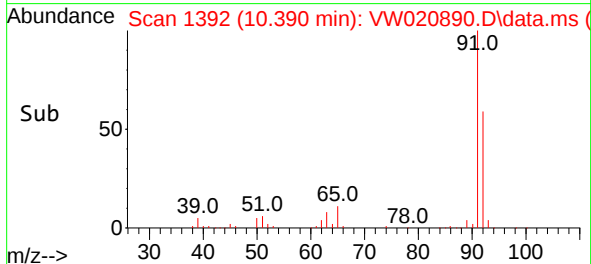
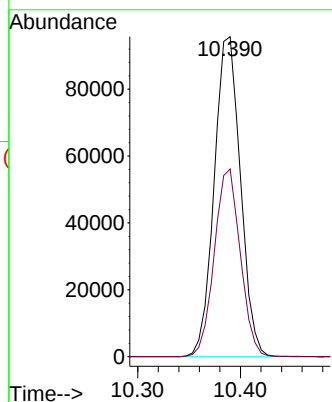
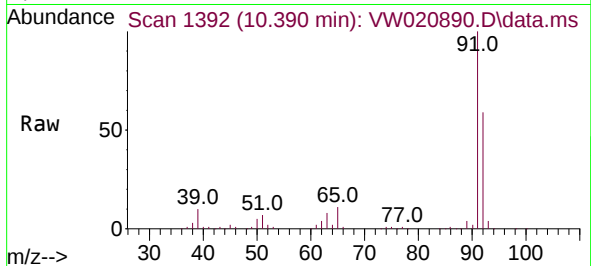




#42
Toluene
Concen: 24.200 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

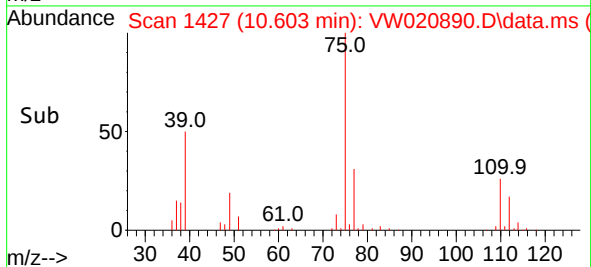
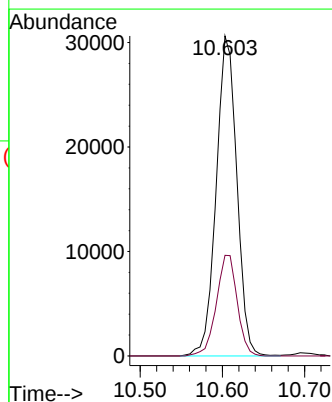
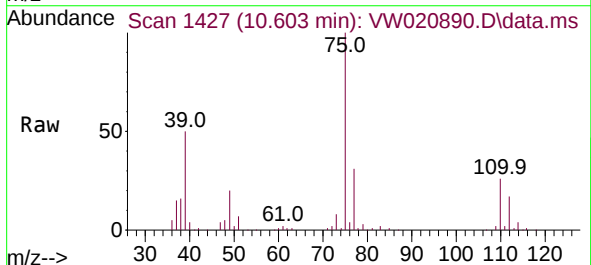
Instrument :
MSVOA_W
ClientSampleId :

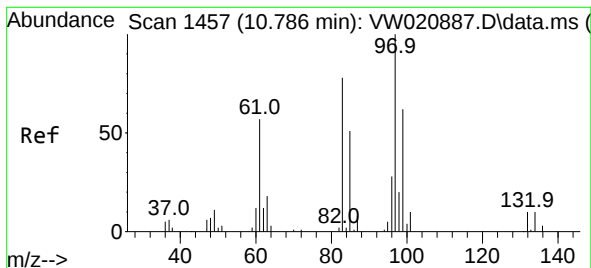
Tgt Ion: 91 Resp: 169573
Ion Ratio Lower Upper
91 100
92 58.6 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.392 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion: 75 Resp: 53418
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.719 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 30128

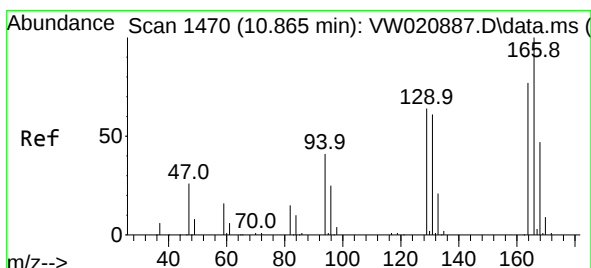
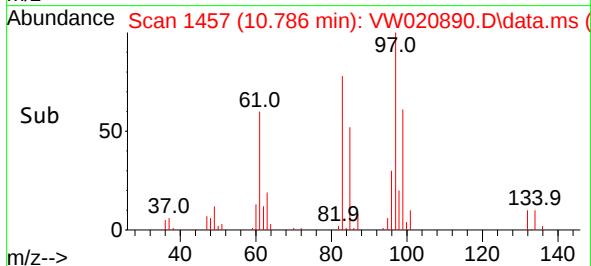
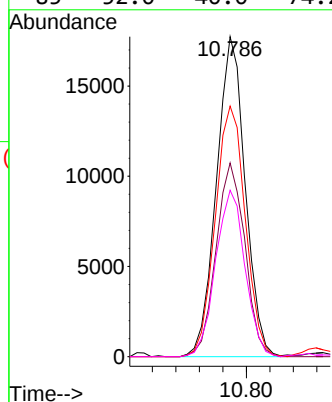
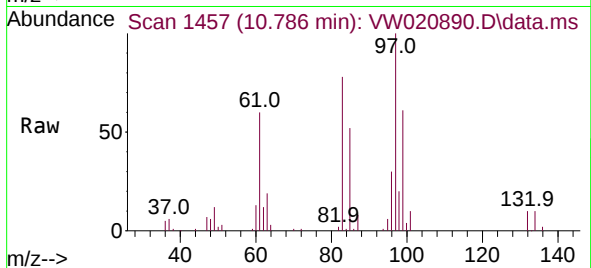
Ion Ratio Lower Upper

97 100

99 60.5 43.0 79.8

83 78.3 62.6 116.3

85 52.0 40.0 74.2



#46

Tetrachloroethene

Concen: 23.691 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Tgt Ion:164 Resp: 37902

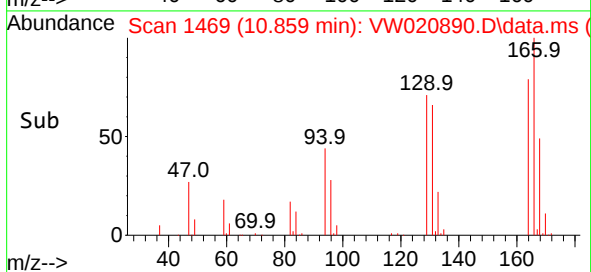
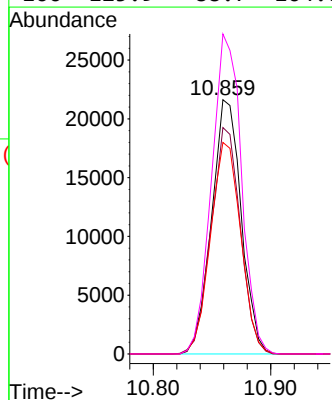
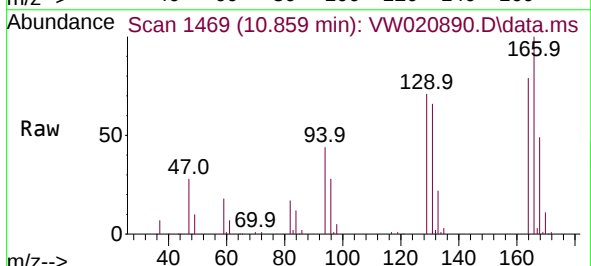
Ion Ratio Lower Upper

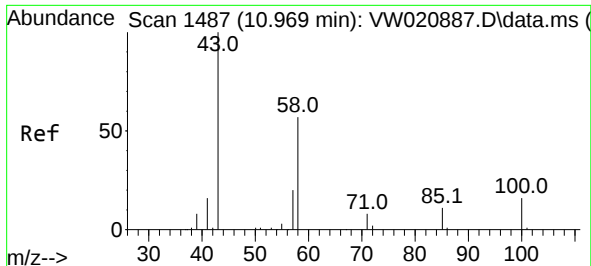
164 100

129 89.0 65.5 121.7

131 83.2 59.7 110.9

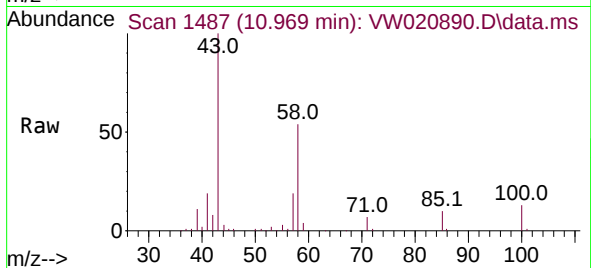
166 125.9 88.7 164.7



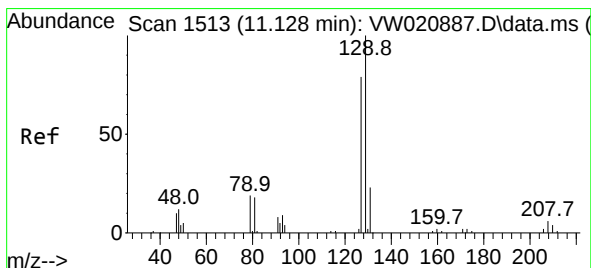
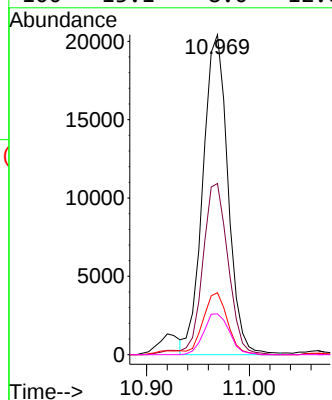
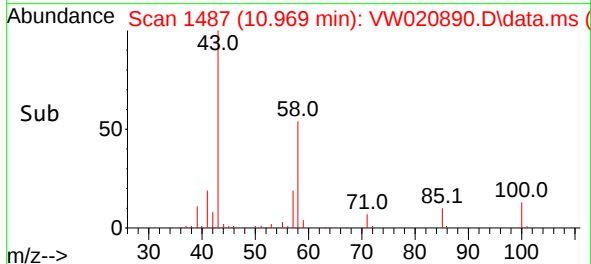


#48
2-Hexanone
Concen: 57.962 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Instrument :
MSVOA_W
ClientSampleId :

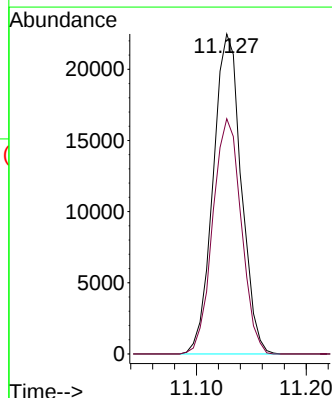
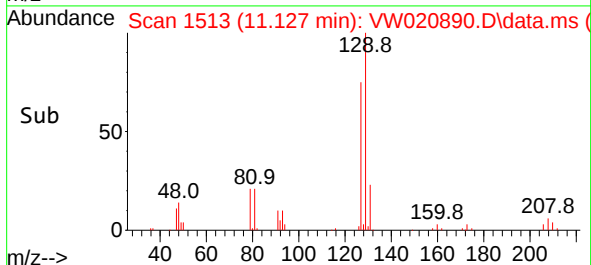
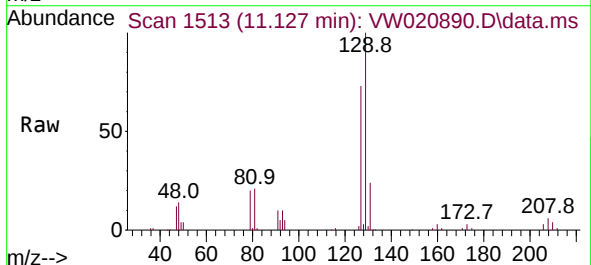


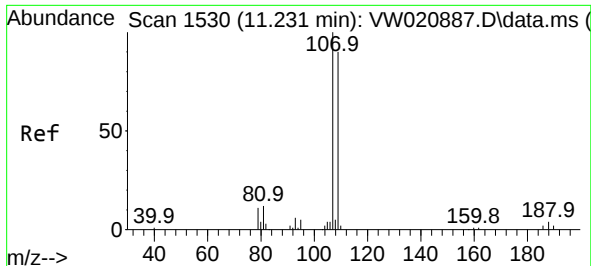
Tgt Ion: 43 Resp: 34646
Ion Ratio Lower Upper
43 100
58 53.5 40.2 60.2
57 18.7 14.3 21.5
100 13.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.777 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion: 129 Resp: 40072
Ion Ratio Lower Upper
129 100
127 73.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 26.688 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.006 min

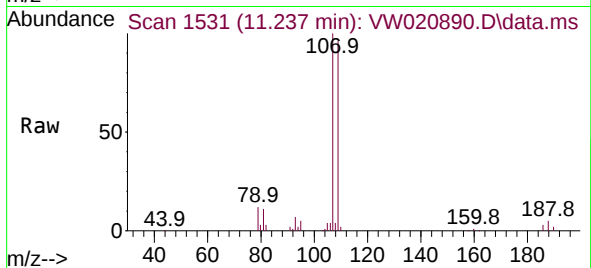
Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

ClientSampleId :



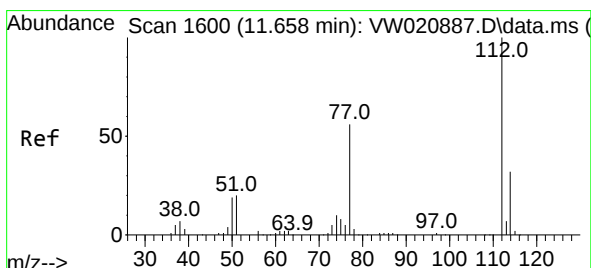
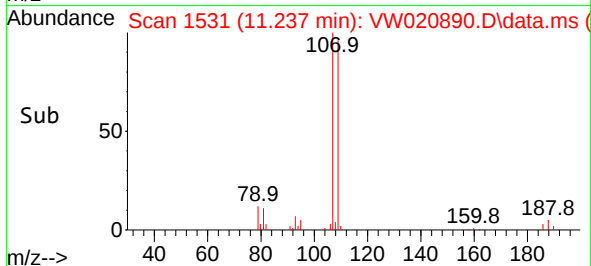
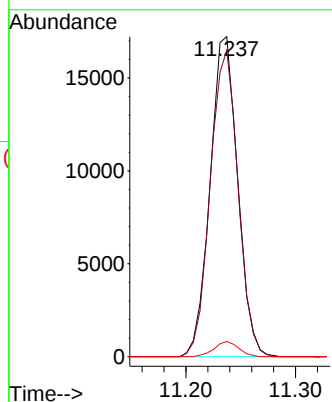
Tgt Ion:107 Resp: 30171

Ion Ratio Lower Upper

107 100

109 95.7 64.1 119.1

188 4.8 2.6 3.8#



#51

Chlorobenzene

Concen: 24.775 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

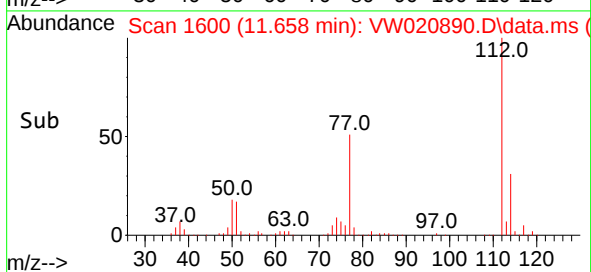
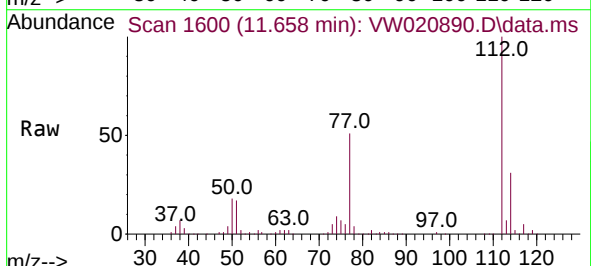
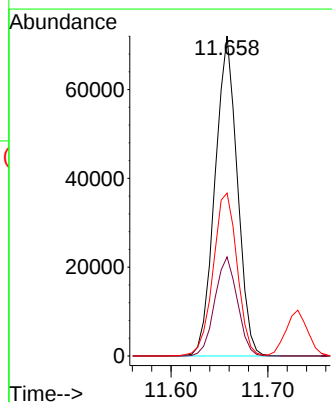
Tgt Ion:112 Resp: 115460

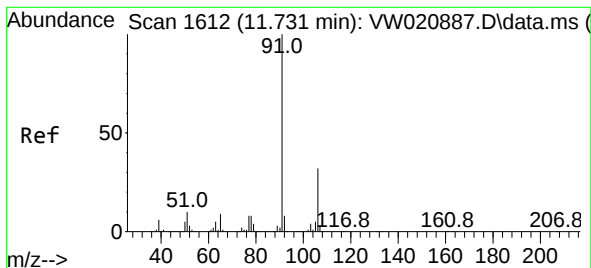
Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

77 50.9 50.2 75.4

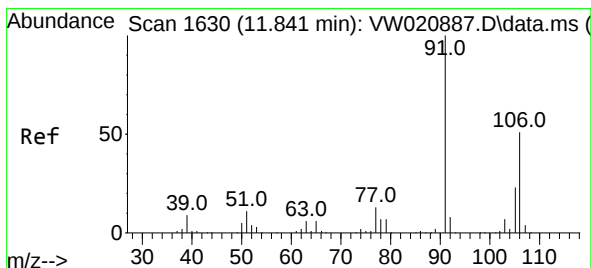
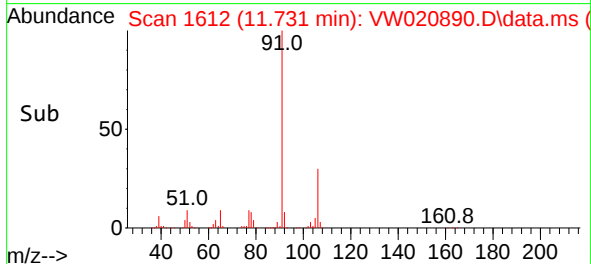
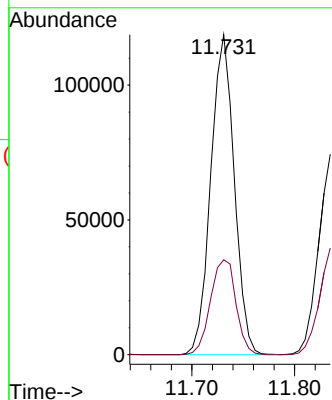
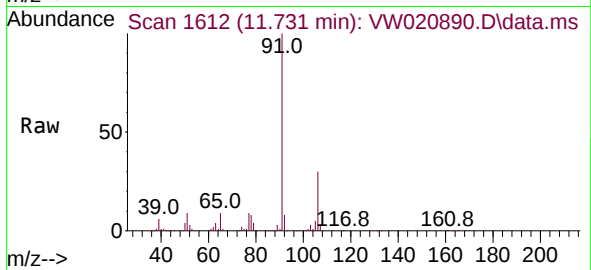




#52
Ethylbenzene
Concen: 24.220 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

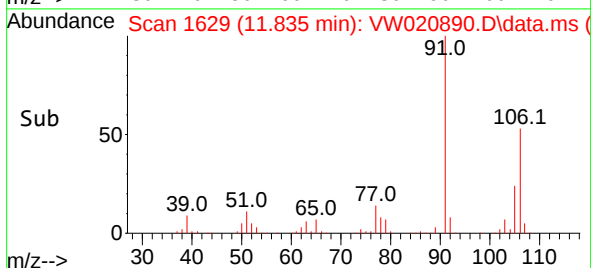
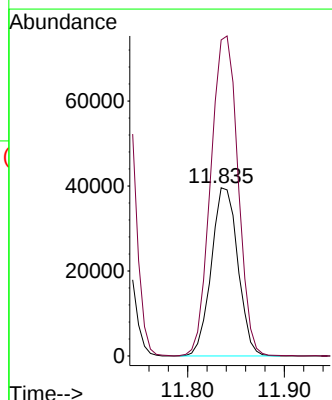
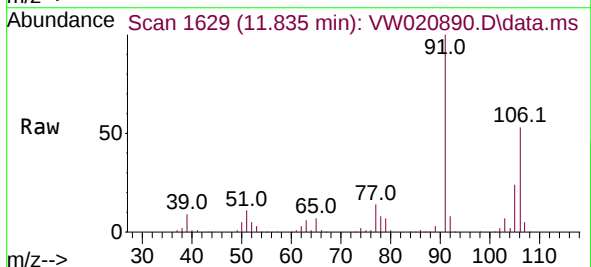
Instrument :
MSVOA_W
ClientSampleId :

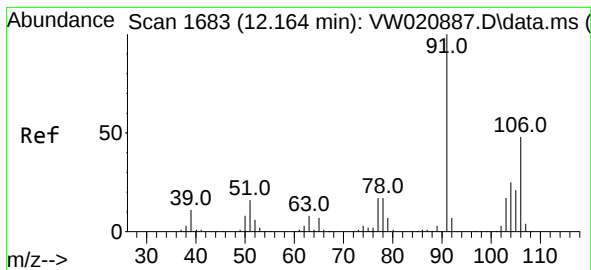
Tgt Ion: 91 Resp: 188062
Ion Ratio Lower Upper
91 100
106 29.6 21.5 39.9



#53
m,p-Xylene
Concen: 23.770 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion:106 Resp: 75353
Ion Ratio Lower Upper
106 100
91 187.8 149.9 278.3





#54

o-Xylene

Concen: 24.025 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

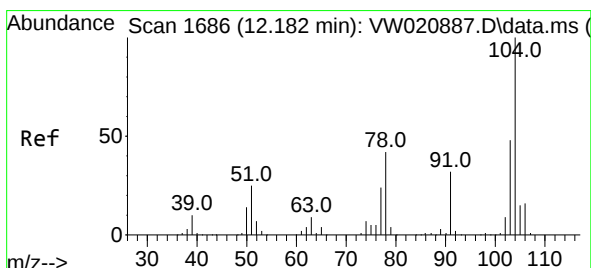
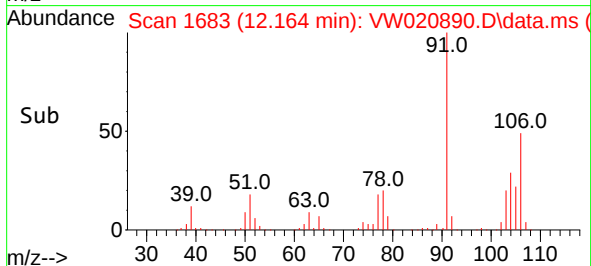
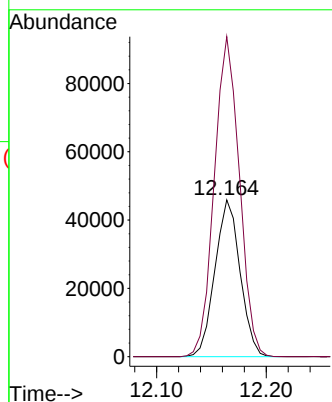
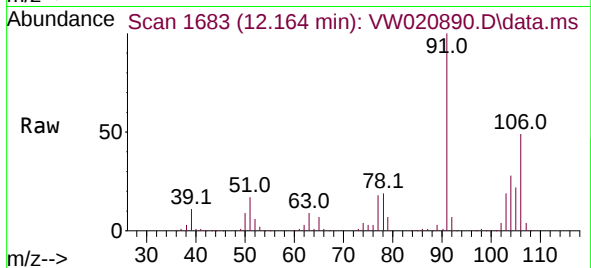
ClientSampleId :

Tgt Ion:106 Resp: 73144

Ion Ratio Lower Upper

106 100

91 204.1 153.6 285.3



#55

Styrene

Concen: 24.036 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW020890.D

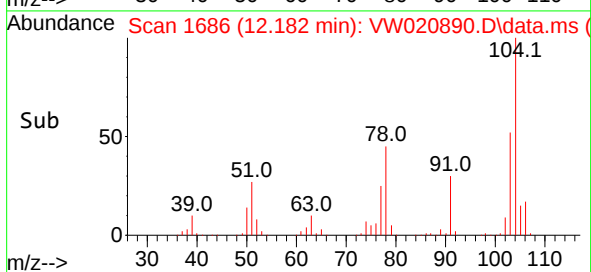
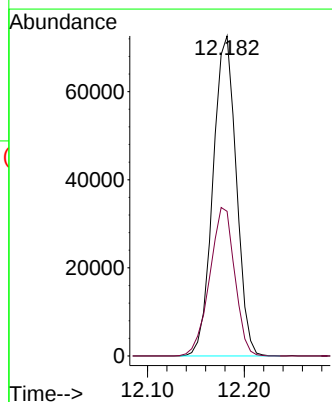
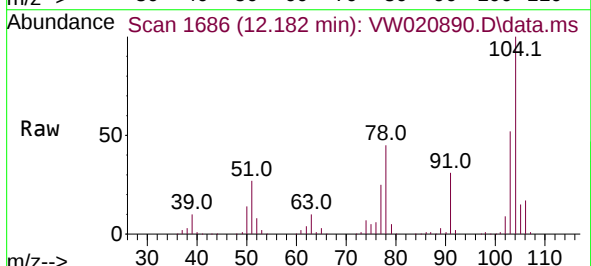
Acq: 15 Nov 2021 12:45

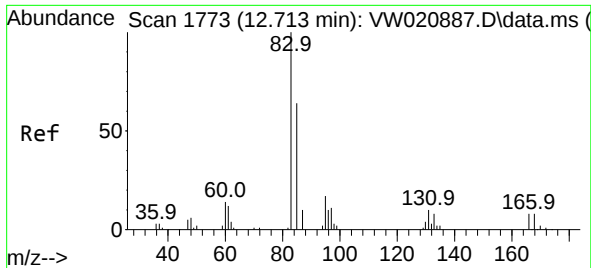
Tgt Ion:104 Resp: 121510

Ion Ratio Lower Upper

104 100

78 45.2 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 27.930 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020890.D

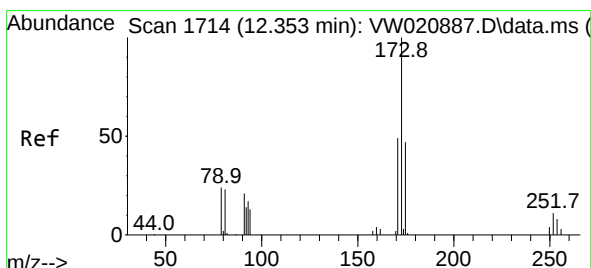
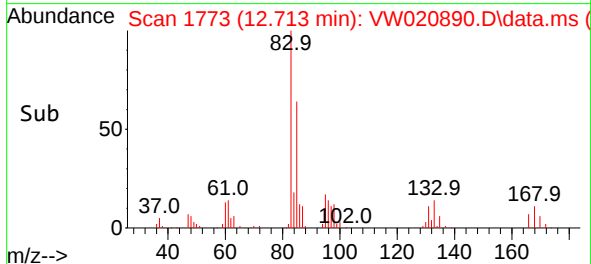
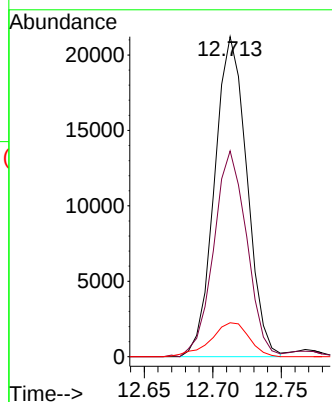
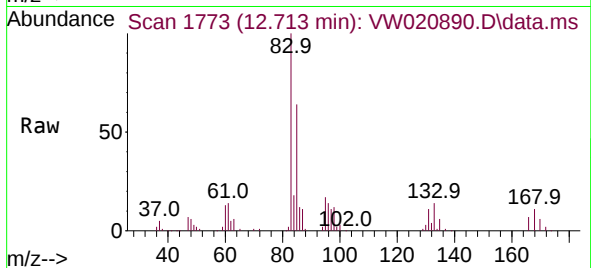
Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	34906
Ion Ratio	Lower	Upper	
83	100		
85	64.3	44.0	81.6
131	10.6	6.9	10.3#



#59

Bromoform

Concen: 28.234 ug/L

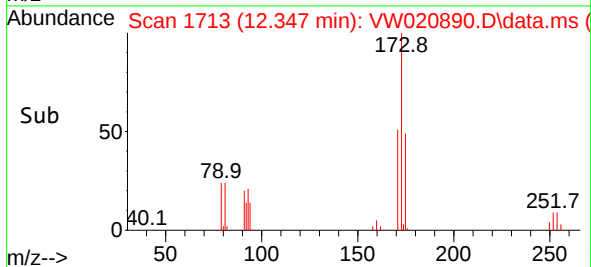
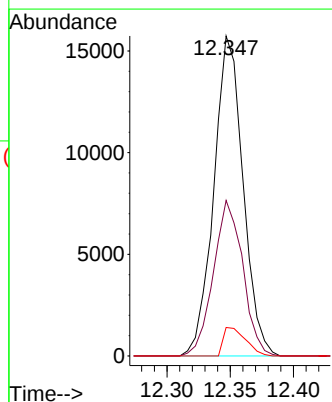
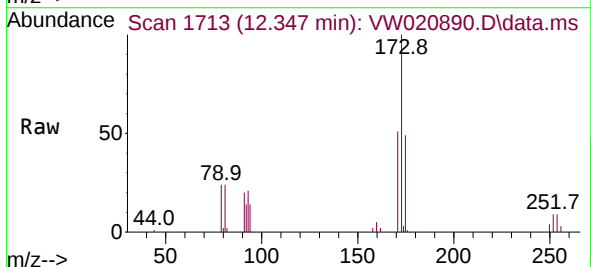
RT: 12.347 min Scan# 1713

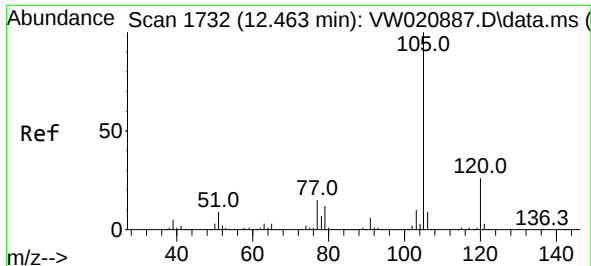
Delta R.T. -0.006 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

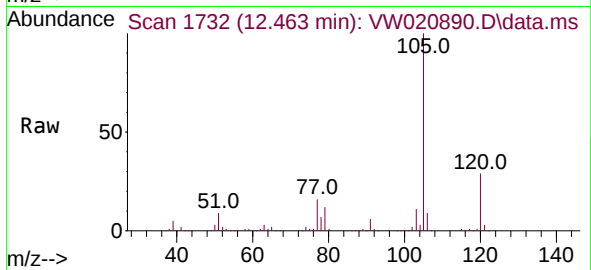
Tgt Ion:	173	Resp:	25265
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.6	59.4
254	6.8	7.4	11.0#



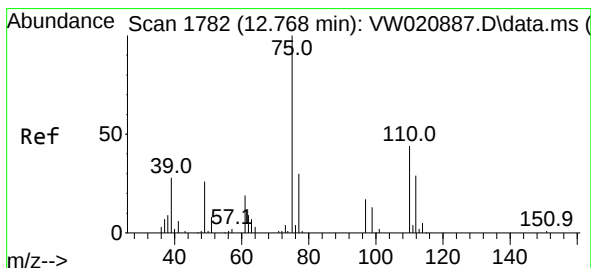
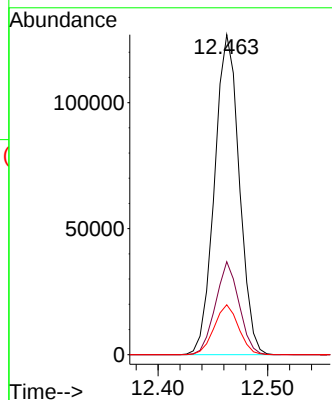
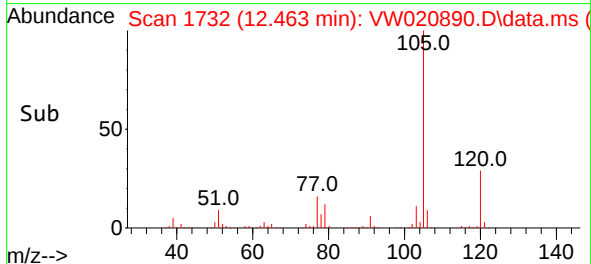


#60
Isopropylbenzene
Concen: 24.409 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

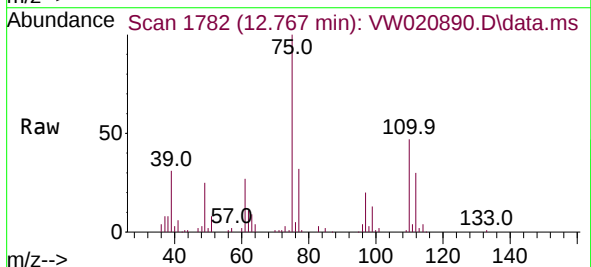
Instrument :
MSVOA_W
ClientSampleId :



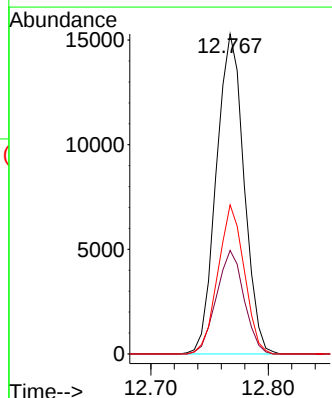
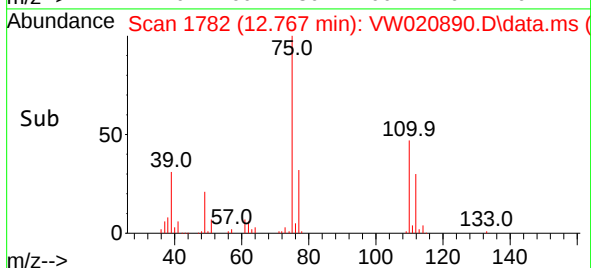
Tgt Ion:105 Resp: 199522
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 15.3 13.8 20.8

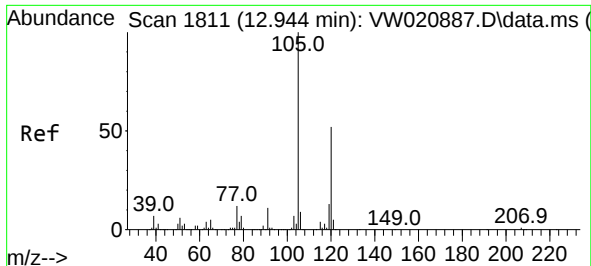


#61
1,2,3-Trichloropropane
Concen: 28.431 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45



Tgt Ion: 75 Resp: 25028
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 44.3 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.169 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

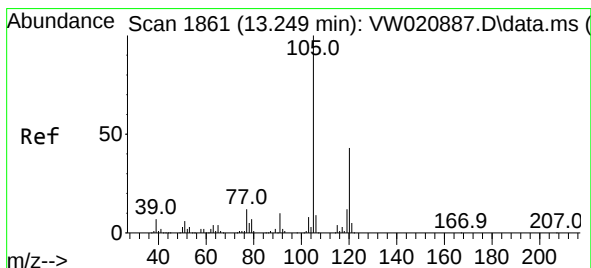
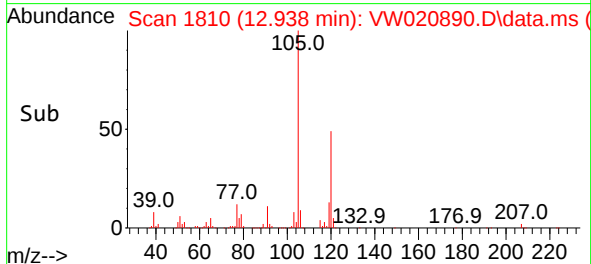
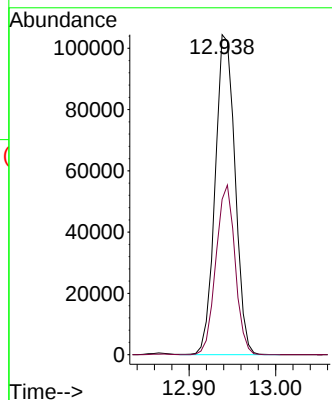
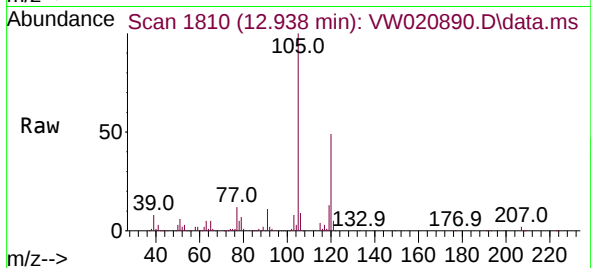
ClientSampleId :

Tgt Ion:105 Resp: 166655

Ion Ratio Lower Upper

105 100

120 51.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.804 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020890.D

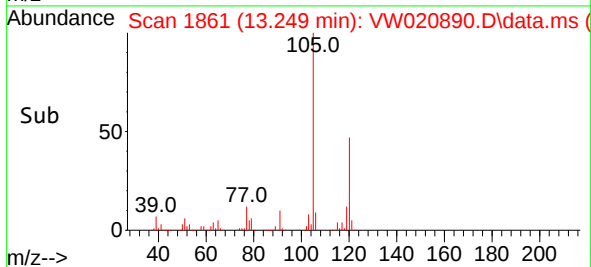
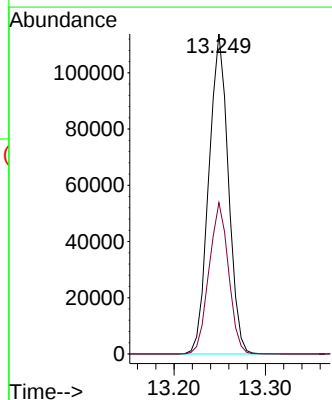
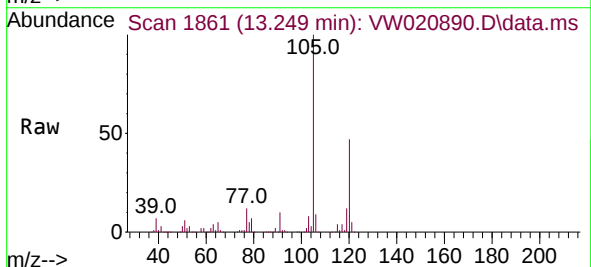
Acq: 15 Nov 2021 12:45

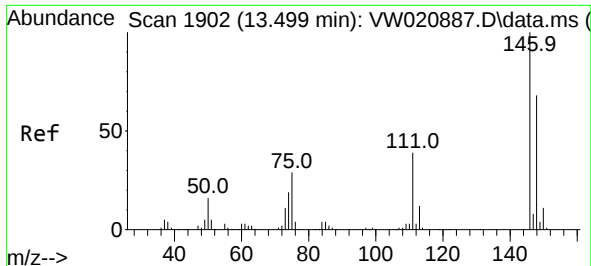
Tgt Ion:105 Resp: 168752

Ion Ratio Lower Upper

105 100

120 47.1 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 26.030 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

ClientSampleId :

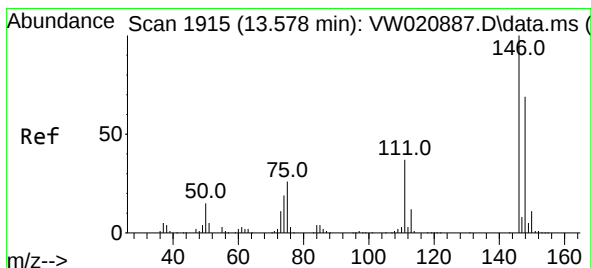
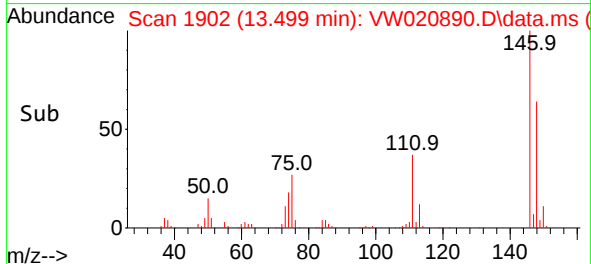
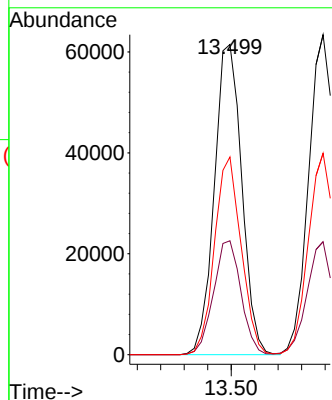
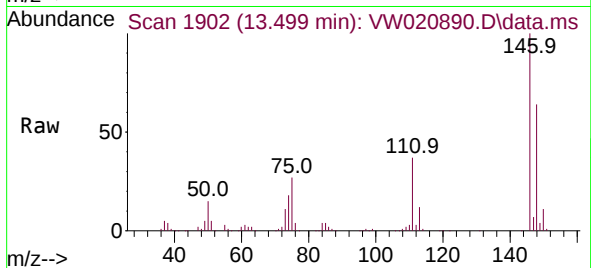
Tgt Ion:146 Resp: 99757

Ion Ratio Lower Upper

146 100

111 36.7 29.8 55.3

148 63.7 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 25.535 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

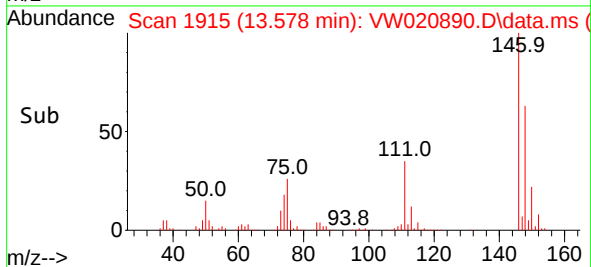
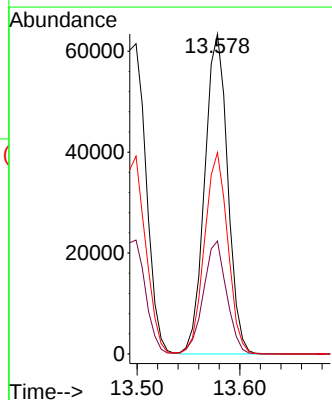
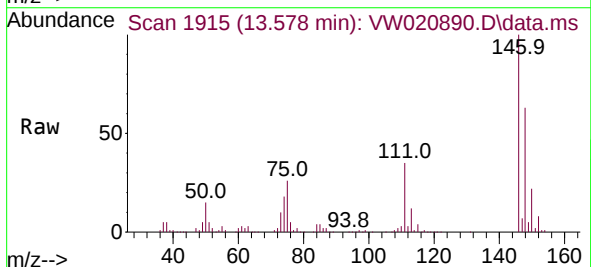
Tgt Ion:146 Resp: 98715

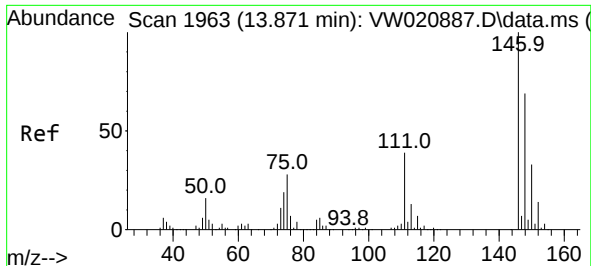
Ion Ratio Lower Upper

146 100

111 35.3 29.0 53.9

148 63.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.112 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

Instrument :

MSVOA_W

ClientSampleId :

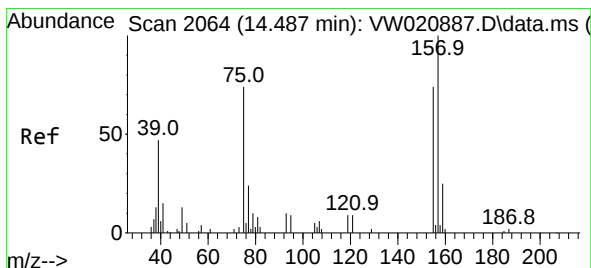
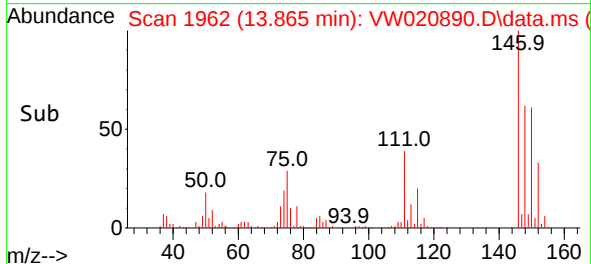
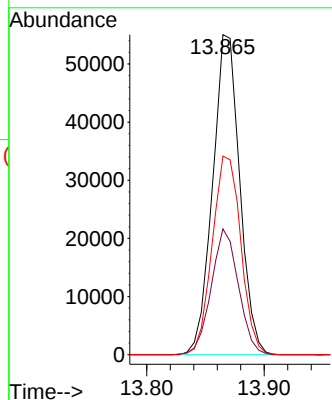
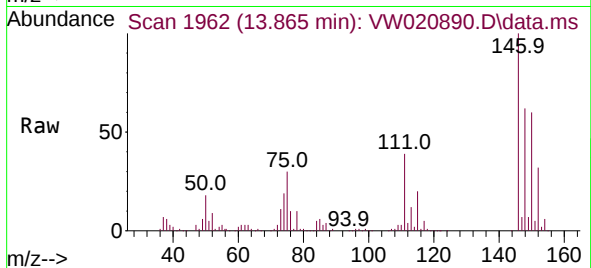
Tgt Ion:146 Resp: 88182

Ion Ratio Lower Upper

146 100

111 39.3 33.1 49.7

148 62.0 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.117 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VW020890.D

Acq: 15 Nov 2021 12:45

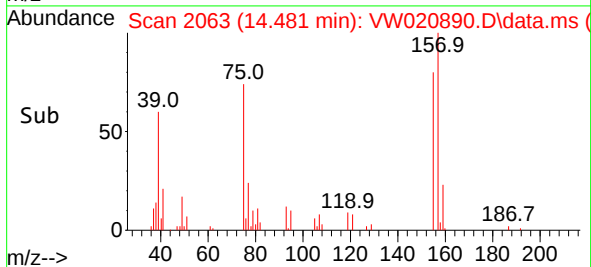
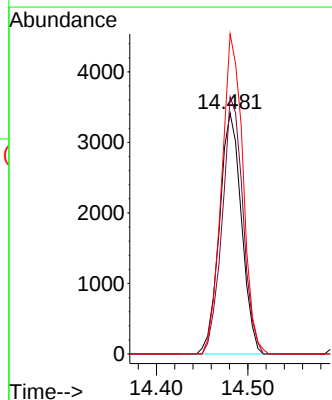
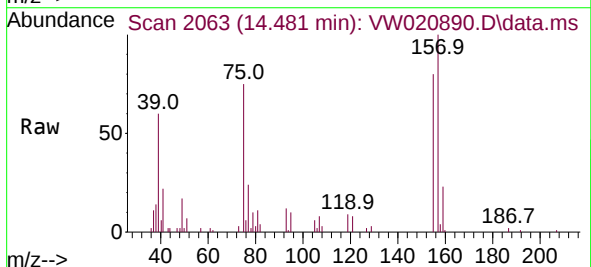
Tgt Ion: 75 Resp: 5707

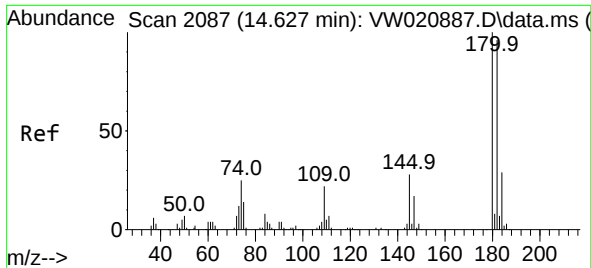
Ion Ratio Lower Upper

75 100

155 106.9 54.2 81.2#

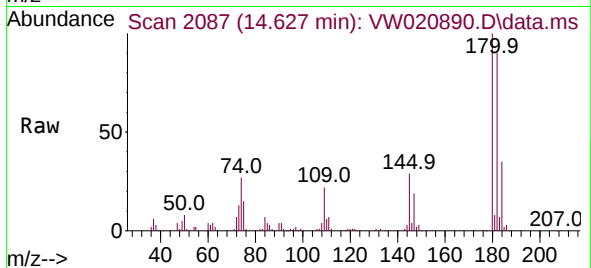
157 133.0 69.4 104.2#



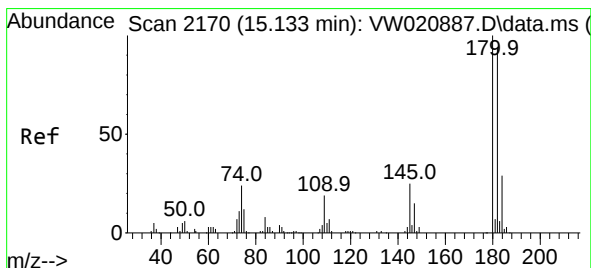
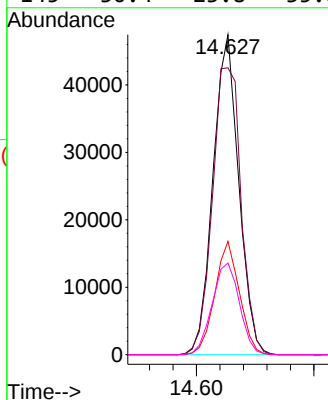
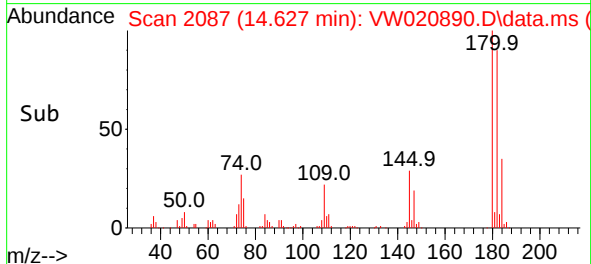


#69
1,3,5-Trichlorobenzene
Concen: 23.747 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

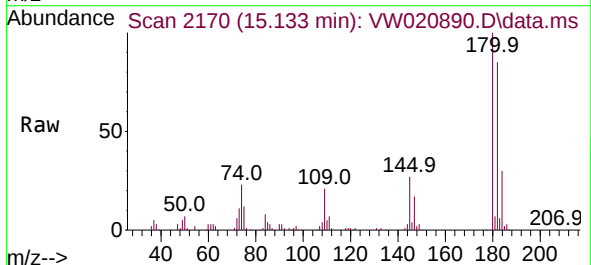
Instrument :
MSVOA_W
ClientSampleId :



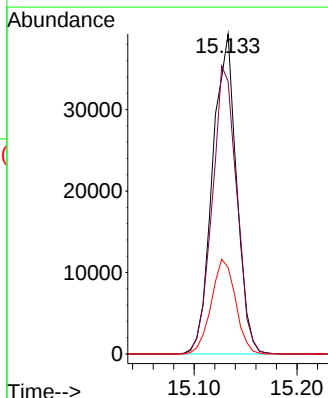
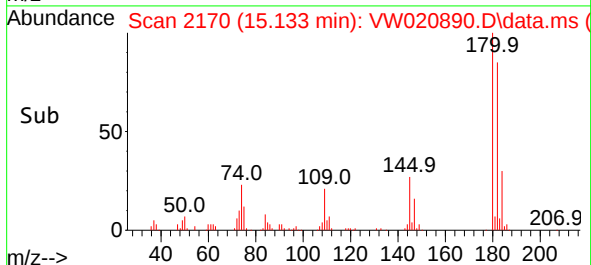
Tgt Ion:180 Resp: 72079
Ion Ratio Lower Upper
180 100
182 100.3 75.4 113.0
184 34.0 23.8 35.8
145 30.4 23.8 35.8

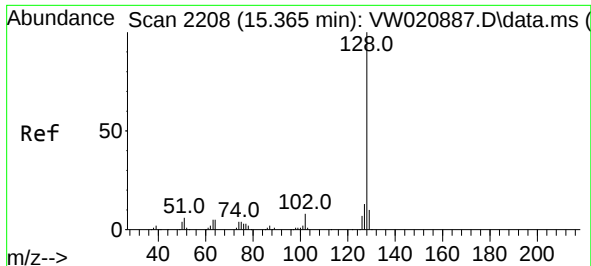


#70
1,2,4-trichlorobenzene
Concen: 25.603 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45



Tgt Ion:180 Resp: 63577
Ion Ratio Lower Upper
180 100
182 91.9 79.0 118.6
145 29.9 26.0 39.0

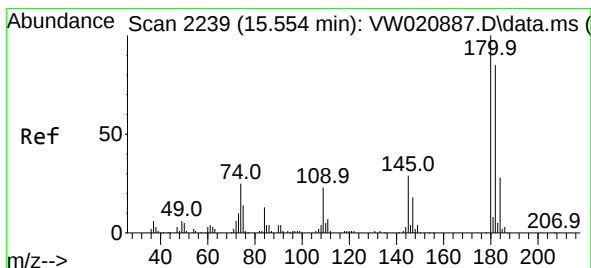
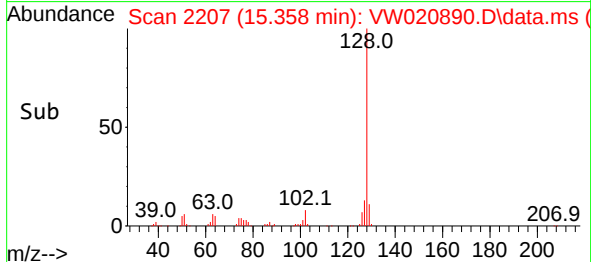
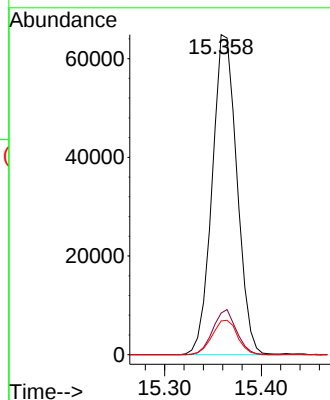
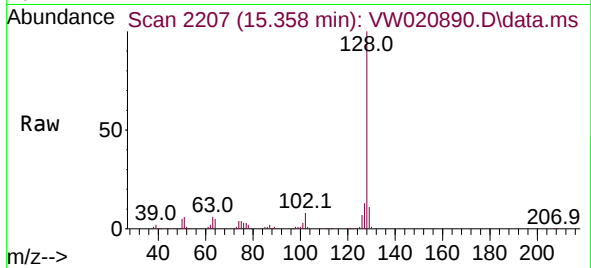




#71
Naphthalene
Concen: 28.548 ug/L
RT: 15.358 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 115510
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 25.320 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020890.D
Acq: 15 Nov 2021 12:45

Tgt Ion:180 Resp: 53058
Ion Ratio Lower Upper
180 100
182 103.9 76.6 114.8
145 32.6 27.4 41.0

