

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021402.D
 Acq On : 15 Dec 2021 20:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 01:02:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	93903	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	91105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	52336	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	43836	25.632	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.520%	
7) Chloroethane-d5	2.879	69	30784	27.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.920%	
11) 1,1-Dichloroethene-d2	4.013	63	51017	22.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 89.520%	
21) 2-Butanone-d5	7.086	46	15103	62.649	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 125.300%	
24) Chloroform-d	7.647	84	66251	25.317	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.280%	
26) 1,2-Dichloroethane-d4	8.305	65	36606	26.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.200%	
32) Benzene-d6	8.274	84	120258	24.081	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.320%	
36) 1,2-Dichloropropane-d6	9.274	67	33571	25.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.280%	
41) Toluene-d8	10.323	98	121198	23.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.000%	
43) trans-1,3-Dichloroprop...	10.573	79	15397	24.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.880%	
47) 2-Hexanone-d5	10.926	63	13263	66.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 133.940%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35121	30.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 122.040%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	53491	26.372	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9933	27.377	ug/L	95
3) Chloromethane	2.202	50	30695	25.554	ug/L	99
5) Vinyl chloride	2.355	62	47255	25.060	ug/L	99
6) Bromomethane	2.775	94	31614	25.848	ug/L	97
8) Chloroethane	2.910	64	23325	26.850	ug/L	100
9) Trichlorofluoromethane	3.245	101	20839	20.945	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	32143	24.789	ug/L	90
12) 1,1-Dichloroethene	4.031	96	27634	23.741	ug/L	83
13) Acetone	4.147	43	4279	19.800	ug/L	73
14) Carbon disulfide	4.379	76	69640	23.168	ug/L	97
15) Methyl Acetate	4.684	43	10898	29.226	ug/L	# 86
16) Methylene chloride	4.909	84	30655	19.757	ug/L	83
17) trans-1,2-Dichloroethene	5.421	96	29173	23.148	ug/L	84
18) Methyl tert-butyl Ether	5.427	73	44270	25.434	ug/L	94
19) 1,1-Dichloroethane	6.214	63	47822	24.181	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	32227	24.244	ug/L	69
22) 2-Butanone	7.183	43	15022	53.226	ug/L	86
23) Bromochloromethane	7.512	128	16394	26.376	ug/L	# 61
25) Chloroform	7.677	83	56167	24.466	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

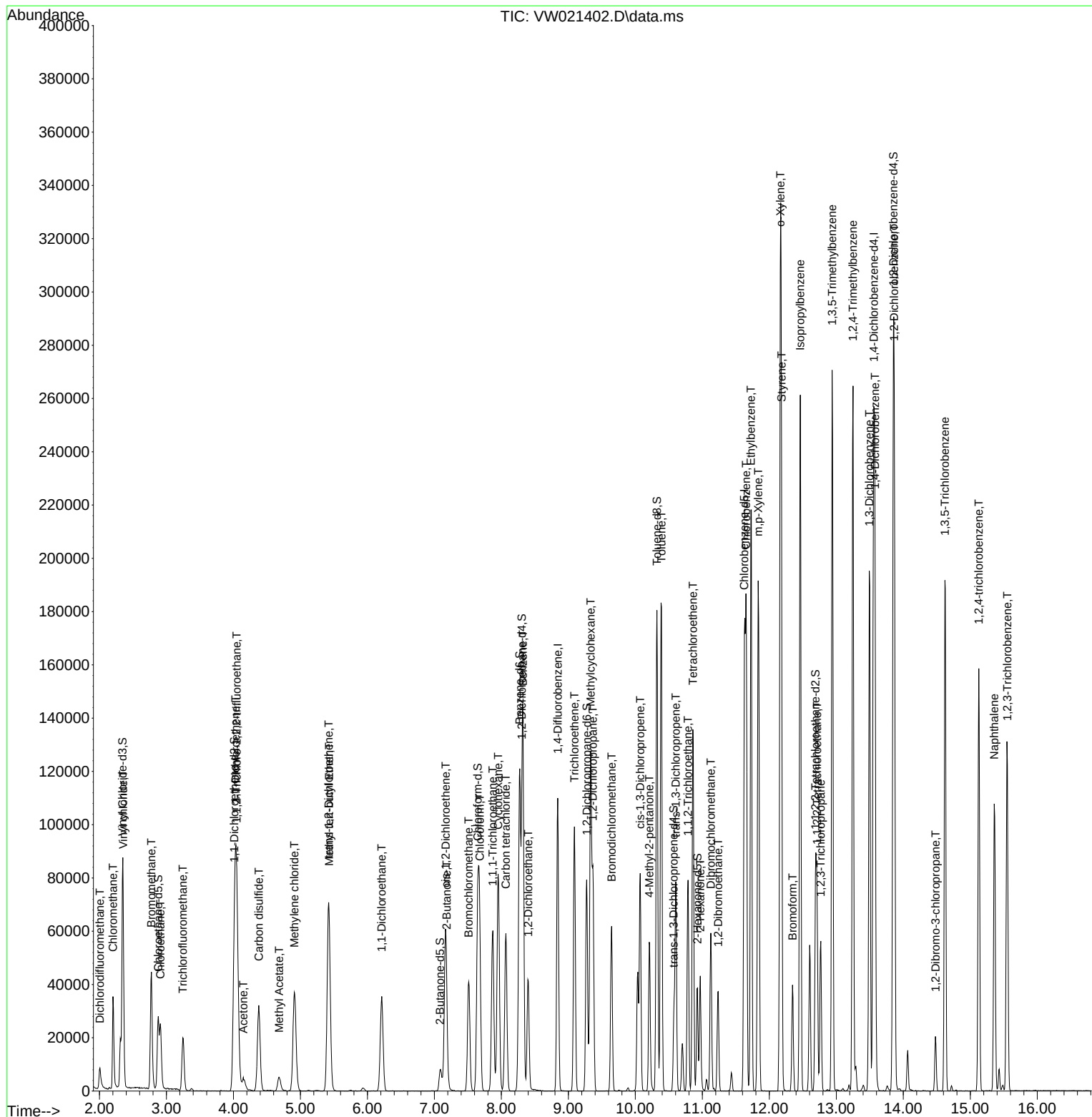
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	38046	26.170	ug/L	96
29) Cyclohexane	7.951	56	40833	22.518	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	48768	23.858	ug/L	94
31) Carbon tetrachloride	8.067	117	44148	23.412	ug/L	99
33) Benzene	8.323	78	119119	24.002	ug/L	100
34) Trichloroethene	9.091	95	32807	23.548	ug/L	91
35) Methylcyclohexane	9.335	83	51840	22.557	ug/L	85
37) 1,2-Dichloropropane	9.366	63	27361	24.716	ug/L #	95
38) Bromodichloromethane	9.646	83	40143	26.374	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	43980	25.203	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	34378	56.994	ug/L #	91
42) Toluene	10.390	91	136767	23.563	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	39549	25.875	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	24752	27.318	ug/L	94
46) Tetrachloroethene	10.859	164	30774	23.253	ug/L	98
48) 2-Hexanone	10.969	43	25921	59.258	ug/L #	95
49) Dibromochloromethane	11.128	129	31074	27.819	ug/L	98
50) 1,2-Dibromoethane	11.237	107	24646	27.333	ug/L #	96
51) Chlorobenzene	11.652	112	94830	24.402	ug/L	89
52) Ethylbenzene	11.725	91	154317	23.265	ug/L	99
53) m,p-Xylene	11.835	106	62215	23.251	ug/L	94
54) o-Xylene	12.164	106	60677	23.894	ug/L	95
55) Styrene	12.182	104	104259	24.123	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	30247	29.121	ug/L #	94
59) Bromoform	12.347	173	17725	28.464	ug/L	98
60) Isopropylbenzene	12.463	105	168005	23.625	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21568	28.316	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	143459	23.707	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	142386	23.852	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	83715	24.957	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	82924	24.882	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	78497	26.581	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4576	29.126	ug/L #	60
69) 1,3,5-Trichlorobenzene	14.621	180	60711	24.216	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	51493	25.536	ug/L	95
71) Naphthalene	15.359	128	97114	29.643	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	45151	27.093	ug/L	98

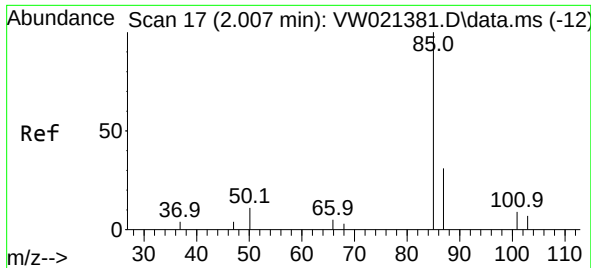
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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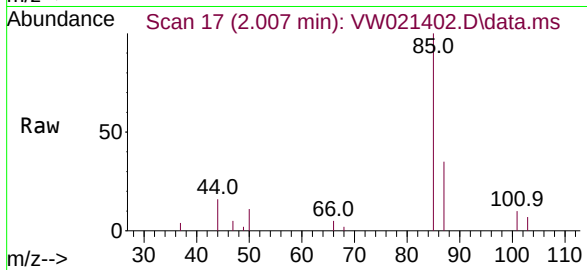
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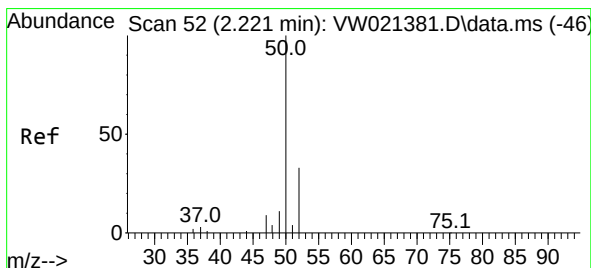
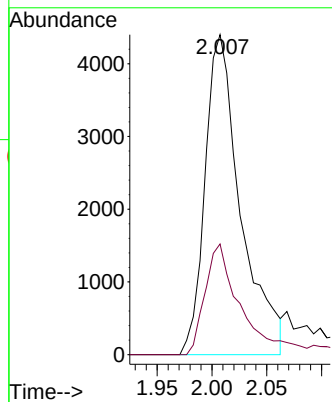
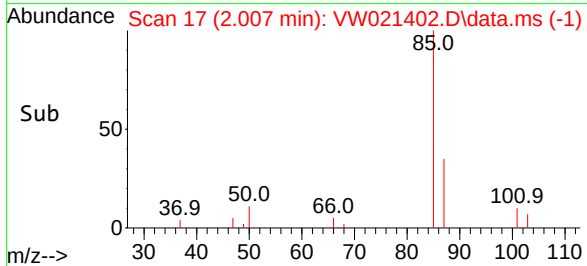


#2
 Dichlorodifluoromethane
 Concen: 27.377 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021402.D
 Acq: 15 Dec 2021 20:19

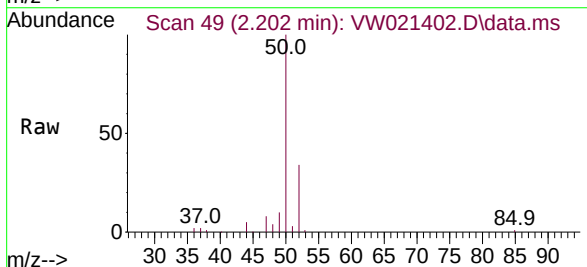
Instrument :
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 ClientSampleId :



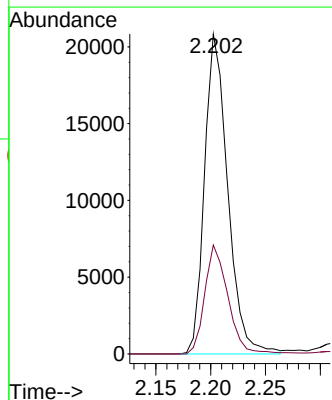
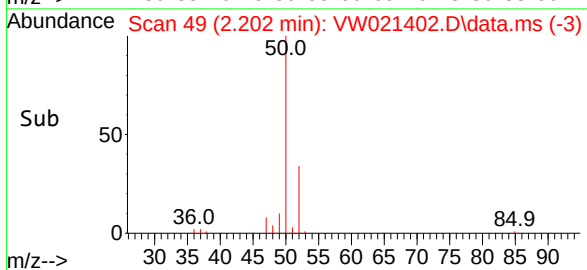
Tgt Ion: 85 Resp: 9933
 Ion Ratio Lower Upper
 85 100
 87 34.8 25.8 38.6

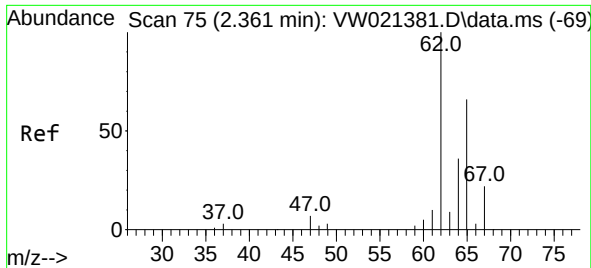


#3
 Chloromethane
 Concen: 25.554 ug/L
 RT: 2.202 min Scan# 49
 Delta R.T. -0.018 min
 Lab File: VW021402.D
 Acq: 15 Dec 2021 20:19



Tgt Ion: 50 Resp: 30695
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.4 43.6

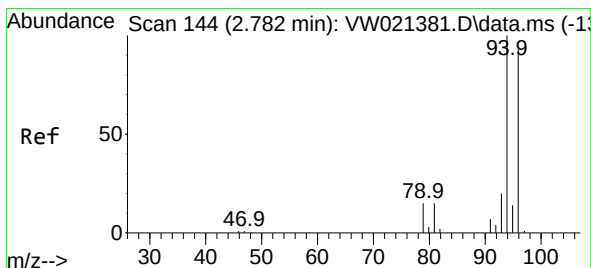
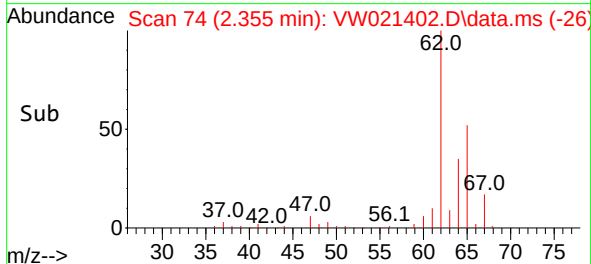
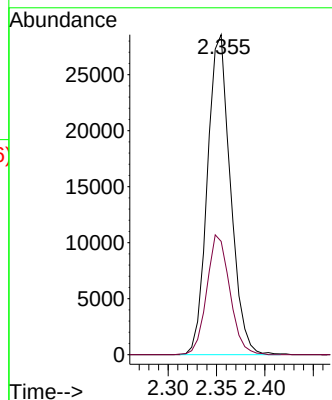
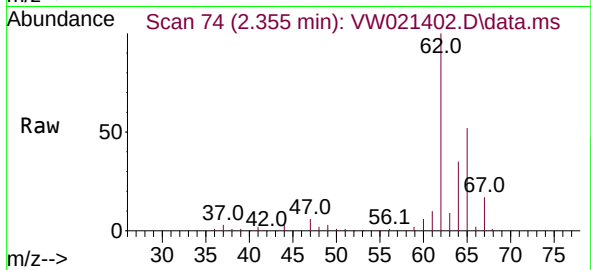




#5
 Vinyl chloride
 Concen: 25.060 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021402.D
 Acq: 15 Dec 2021 20:19

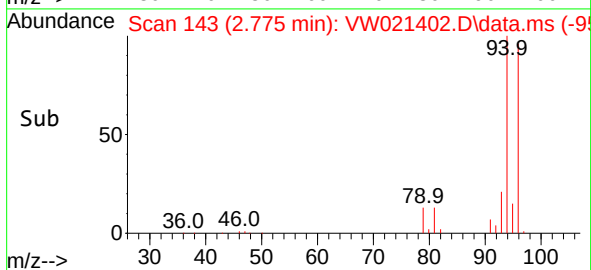
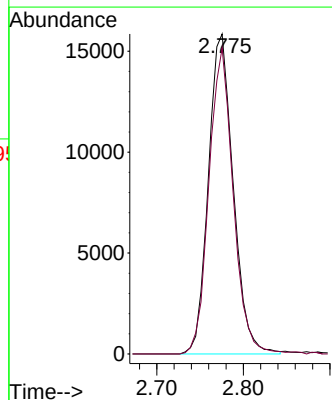
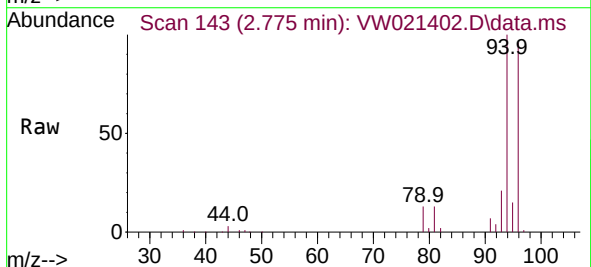
Instrument :
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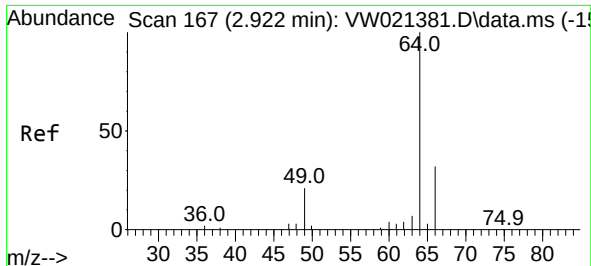
Tgt Ion: 62 Resp: 47255
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.4 45.2



#6
 Bromomethane
 Concen: 25.848 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021402.D
 Acq: 15 Dec 2021 20:19

Tgt Ion: 94 Resp: 31614
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.8 120.4

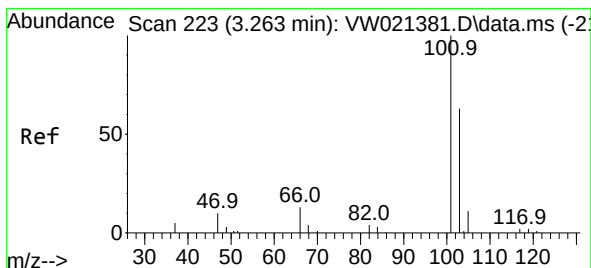
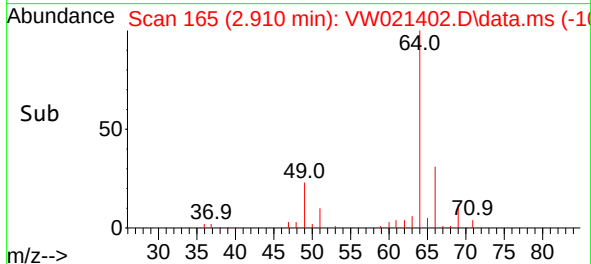
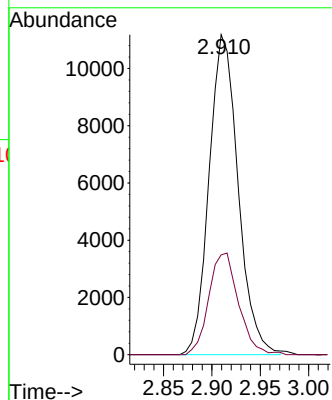
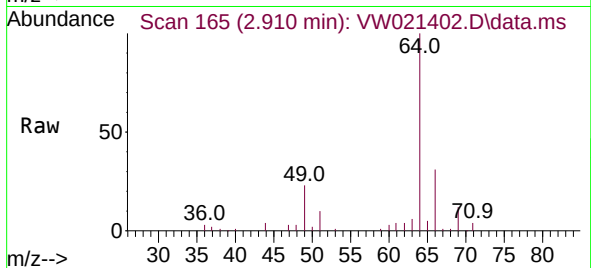




#8
Chloroethane
Concen: 26.850 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

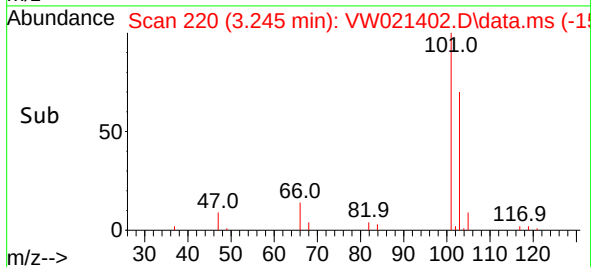
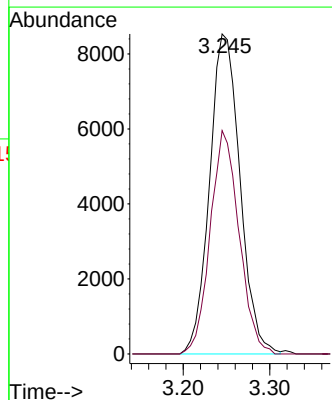
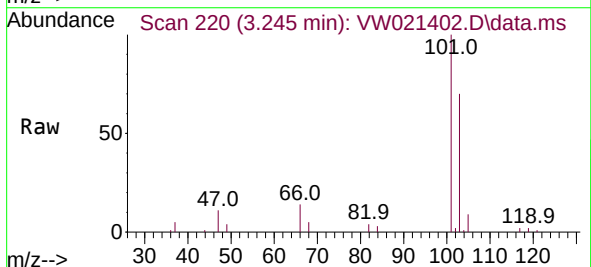
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ClientSampleId :

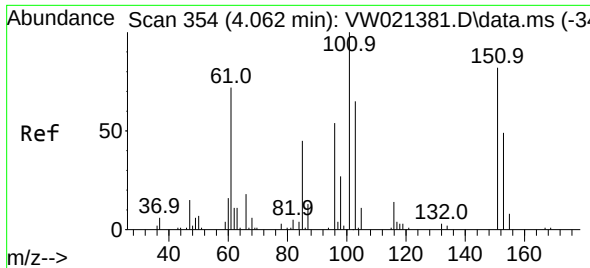
Tgt Ion: 64 Resp: 23325
Ion Ratio Lower Upper
64 100
66 31.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 20.945 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.018 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion: 101 Resp: 20839
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

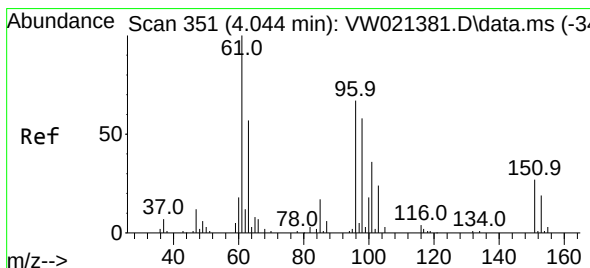
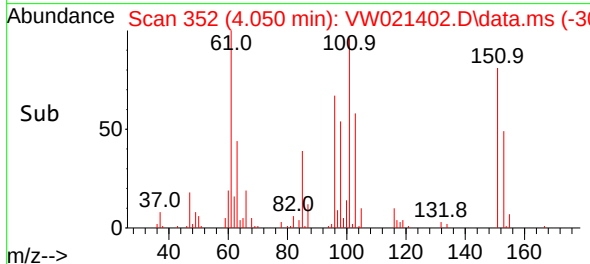
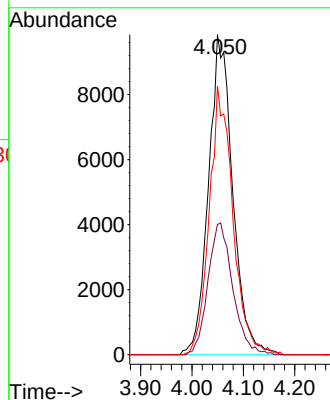
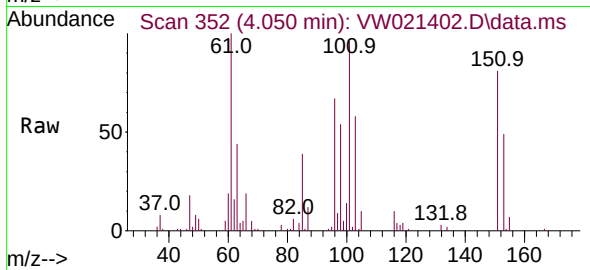




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.789 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW021402.D
 Acq: 15 Dec 2021 20:19

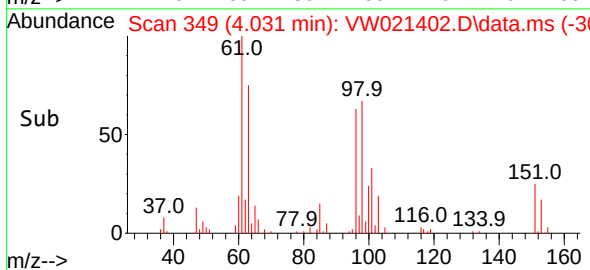
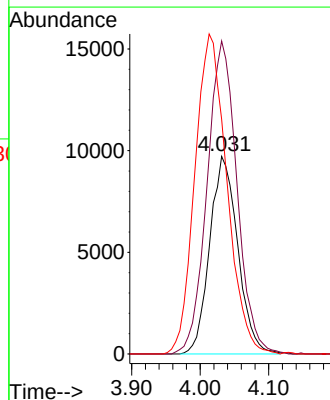
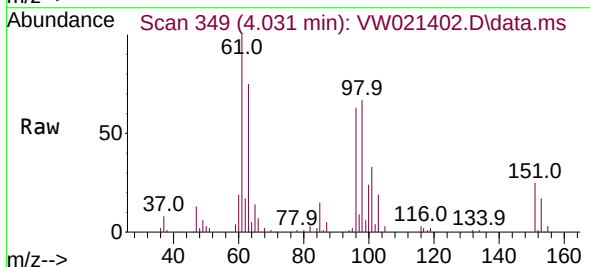
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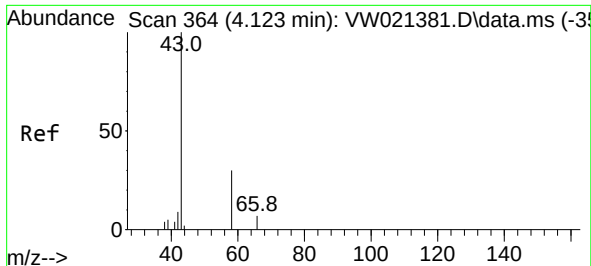
Tgt Ion:101 Resp: 32143
 Ion Ratio Lower Upper
 101 100
 85 41.9 36.6 54.8
 151 81.7 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.741 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.012 min
 Lab File: VW021402.D
 Acq: 15 Dec 2021 20:19

Tgt Ion: 96 Resp: 27634
 Ion Ratio Lower Upper
 96 100
 61 158.3 138.3 256.9
 63 118.8 82.6 153.4





#13

Acetone

Concen: 19.800 ug/L

RT: 4.147 min Scan# 3

Delta R.T. 0.024 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

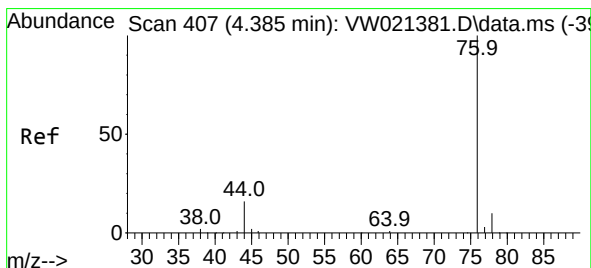
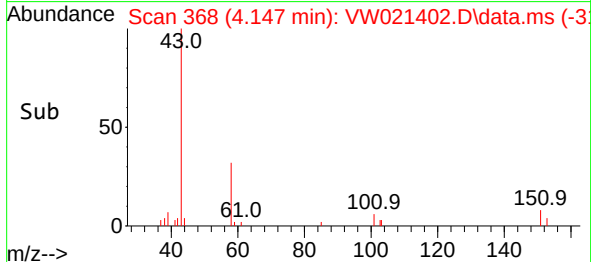
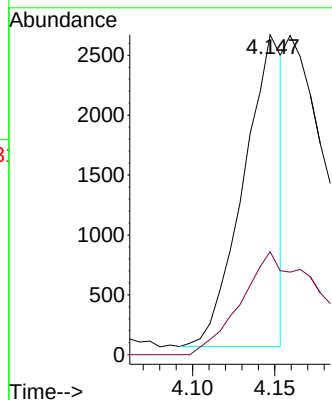
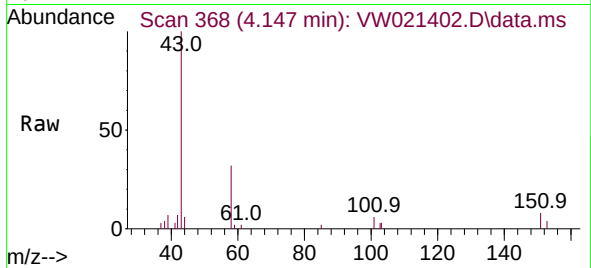
ClientSampleId :

Tgt Ion: 43 Resp: 4279

Ion Ratio Lower Upper

43 100

58 40.1 0.0 52.8



#14

Carbon disulfide

Concen: 23.168 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021402.D

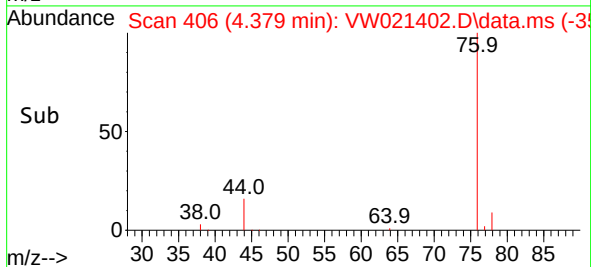
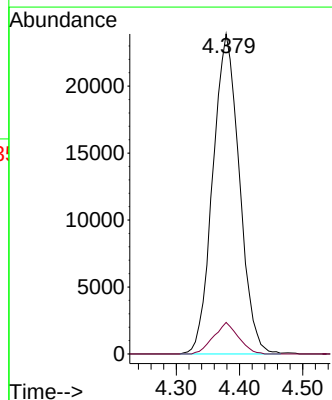
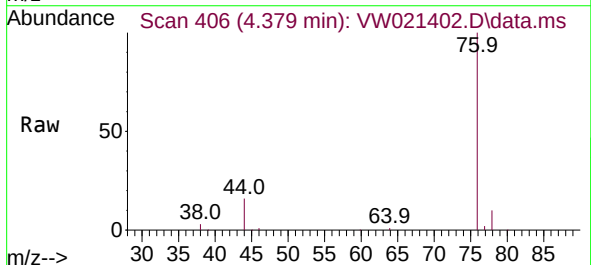
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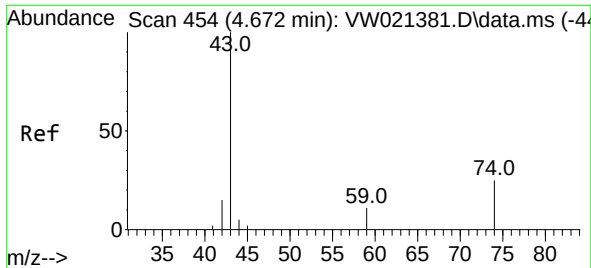
Tgt Ion: 76 Resp: 69640

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7

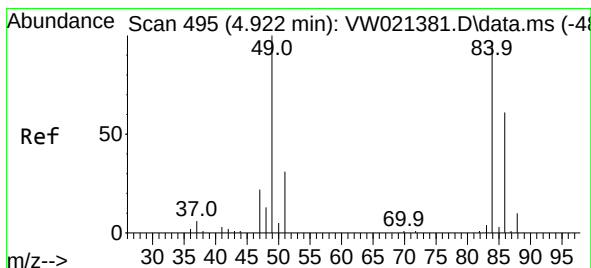
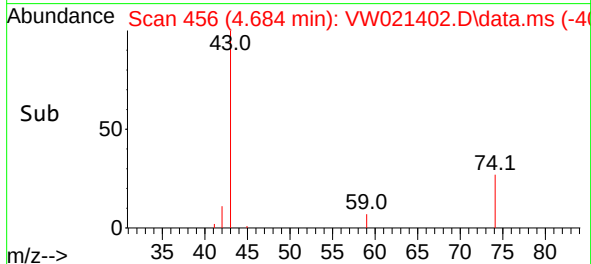
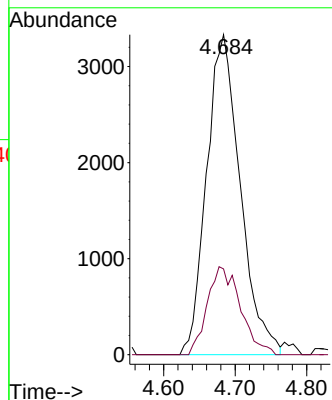
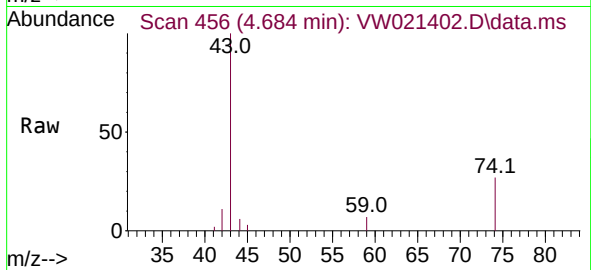




#15
Methyl Acetate
Concen: 29.226 ug/L
RT: 4.684 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

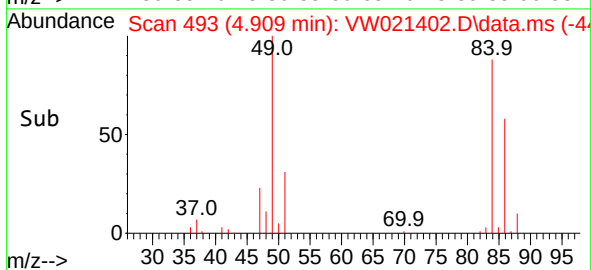
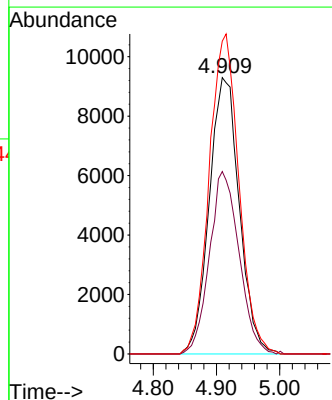
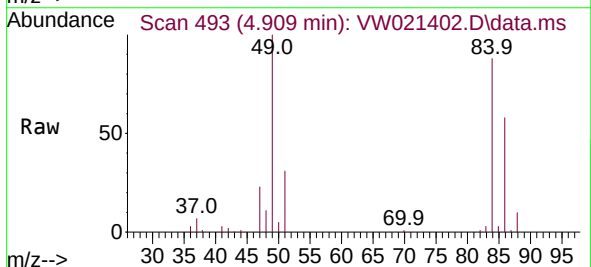
Instrument :
MSVOA_W
ClientSampleId :

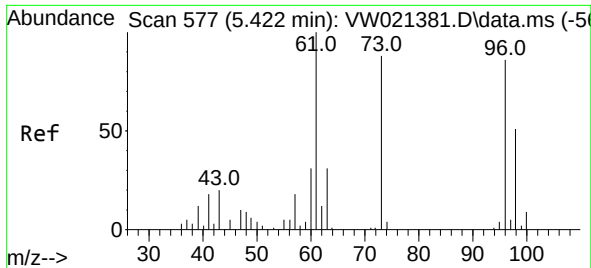
Tgt Ion: 43 Resp: 10898
Ion Ratio Lower Upper
43 100
74 27.1 16.4 24.6#



#16
Methylene chloride
Concen: 19.757 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion: 84 Resp: 30655
Ion Ratio Lower Upper
84 100
86 66.0 45.5 84.5
49 113.2 100.5 186.7

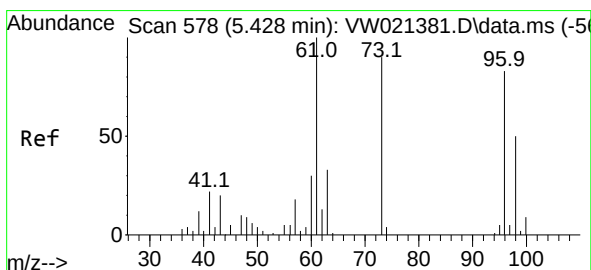
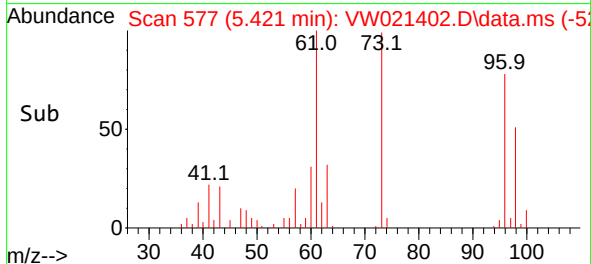
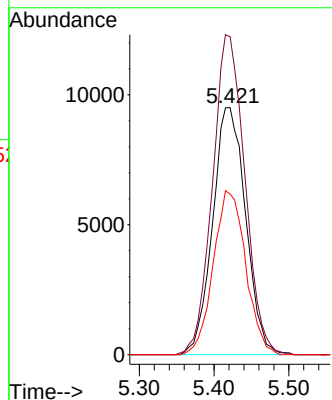
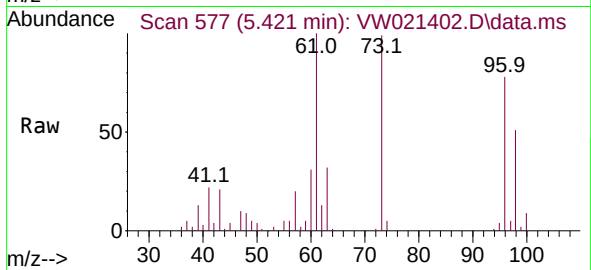




#17
trans-1,2-Dichloroethene
Concen: 23.148 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

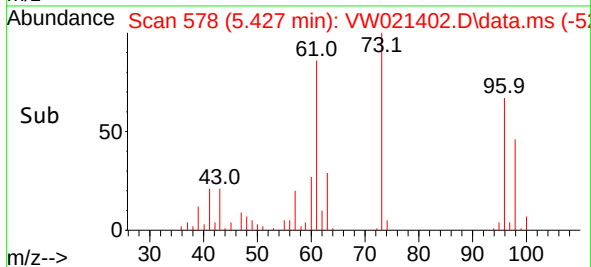
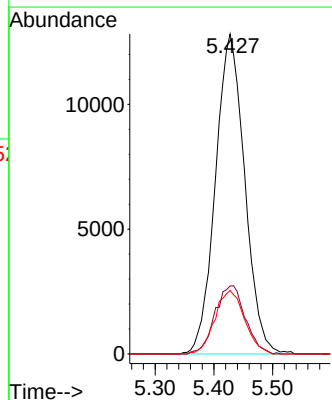
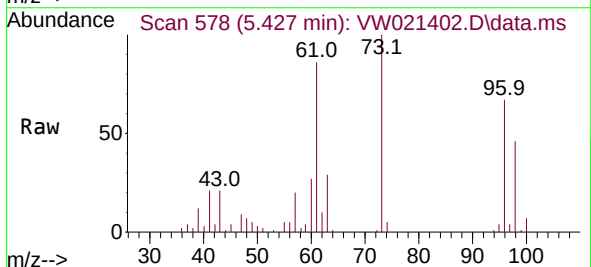
Instrument :
MSVOA_W
ClientSampleId :

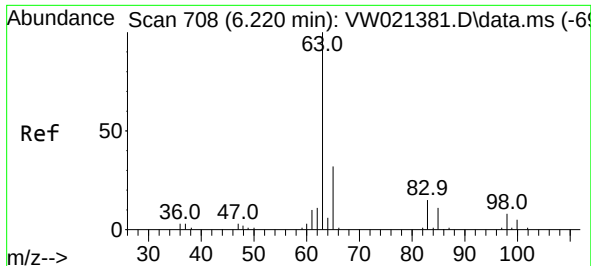
Tgt Ion: 96 Resp: 29173
Ion Ratio Lower Upper
96 100
61 128.7 107.4 199.4
98 65.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.434 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion: 73 Resp: 44270
Ion Ratio Lower Upper
73 100
43 22.1 19.5 29.3
57 20.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.181 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021402.D

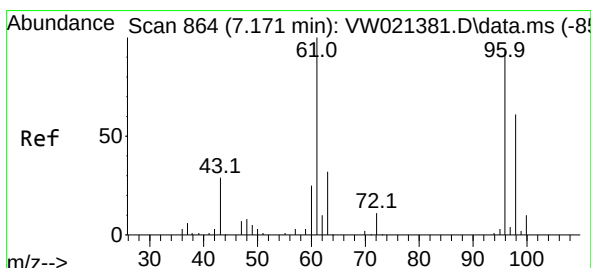
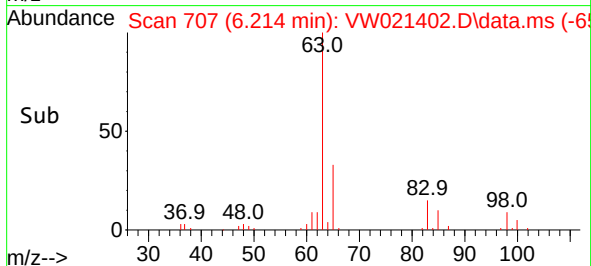
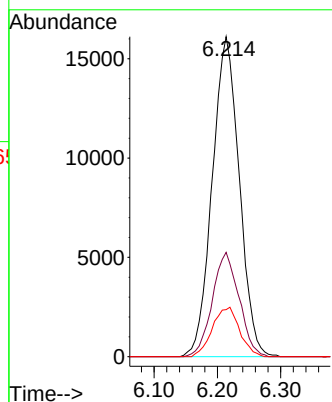
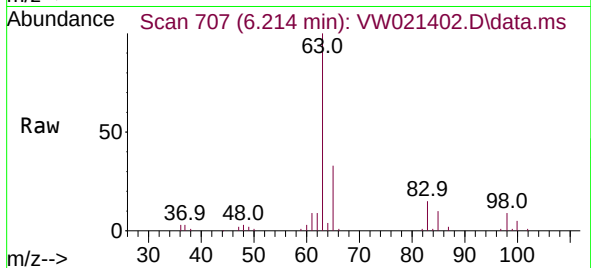
Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 47822
Ion Ratio	Lower Upper
63 100	
65 32.6	22.1 41.1
83 14.7	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.244 ug/L

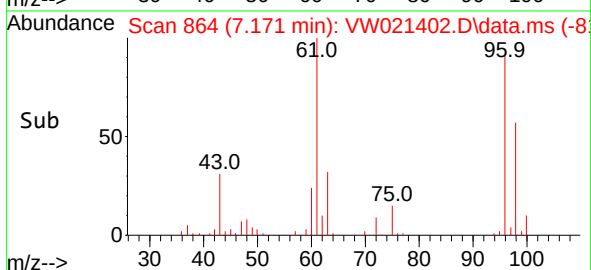
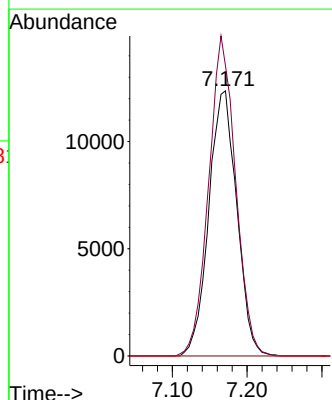
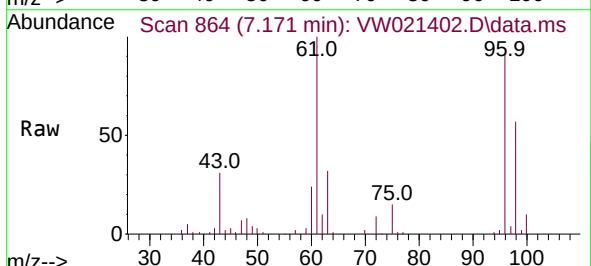
RT: 7.171 min Scan# 864

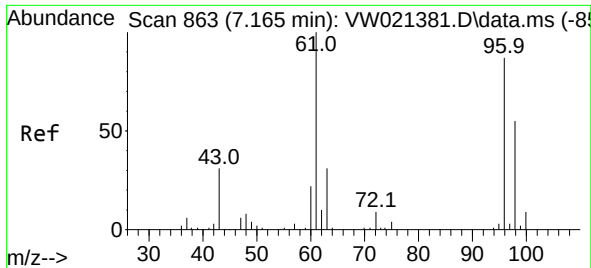
Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Tgt Ion: 96	Resp: 32227		
Ion Ratio	Lower	Upper	
96	100		
61	109.4	103.7	192.7
68	0.0	0.0	0.0

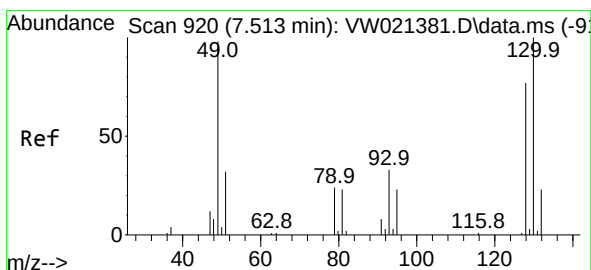
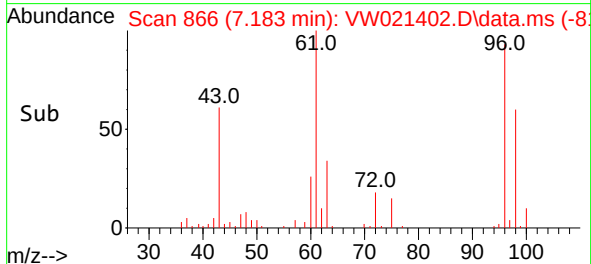
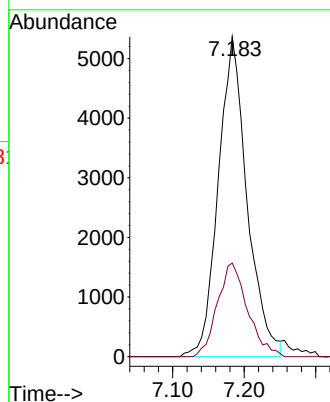
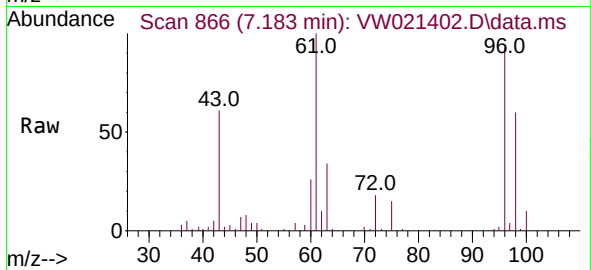




#22
2-Butanone
Concen: 53.226 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

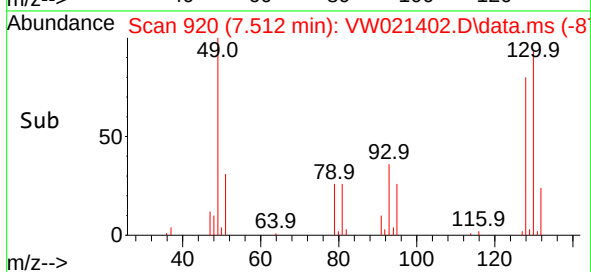
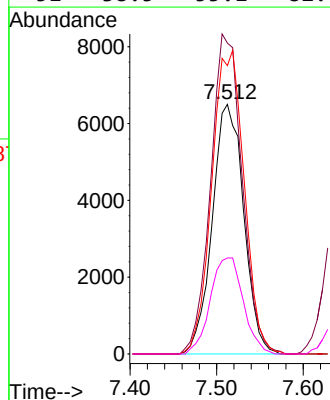
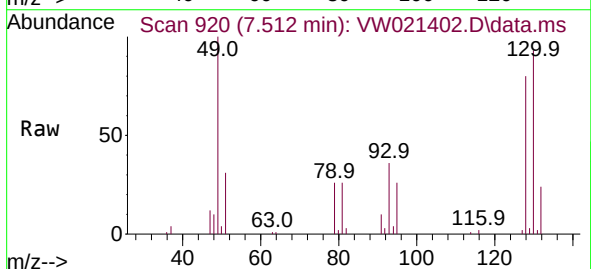
Instrument :
MSVOA_W
ClientSampleId :

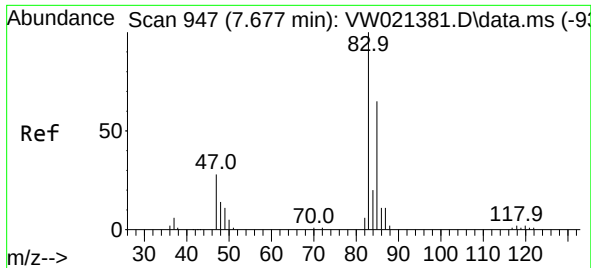
Tgt Ion: 43 Resp: 15022
Ion Ratio Lower Upper
43 100
72 30.6 11.8 35.4



#23
Bromochloromethane
Concen: 26.376 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion: 128 Resp: 16394
Ion Ratio Lower Upper
128 100
49 124.5 150.3 279.1#
130 115.5 88.3 163.9
51 38.5 55.1 82.7#

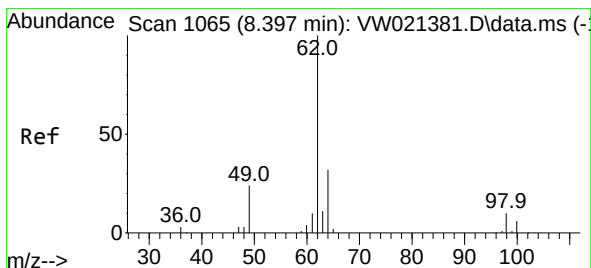
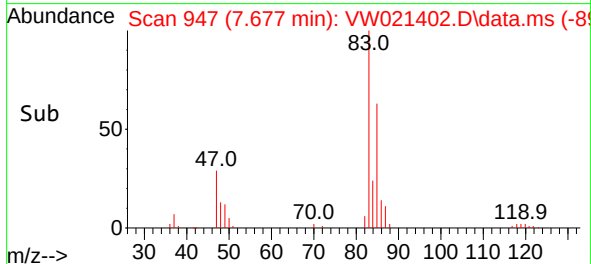
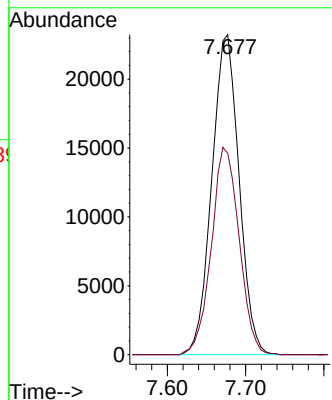
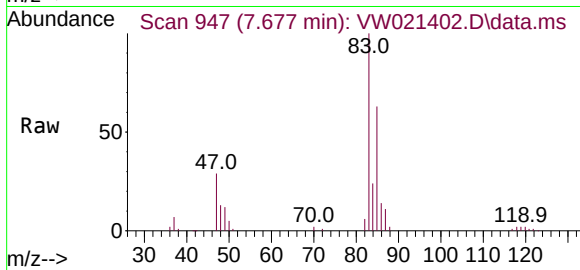




#25
Chloroform
Concen: 24.466 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

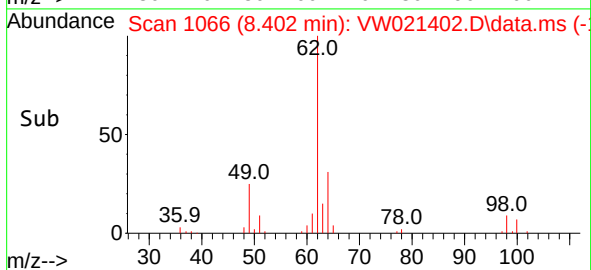
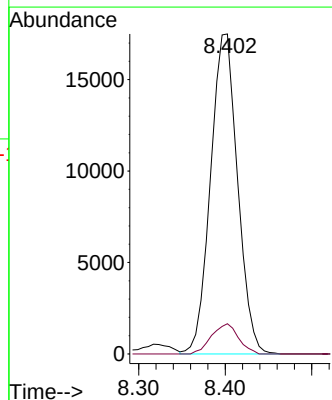
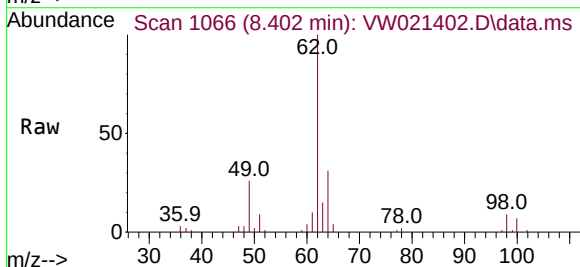
Instrument :
MSVOA_W
ClientSampleId :

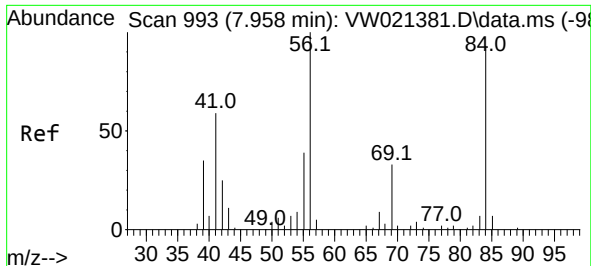
Tgt Ion: 83 Resp: 56167
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.170 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion: 62 Resp: 38046
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7





#29

Cyclohexane

Concen: 22.518 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

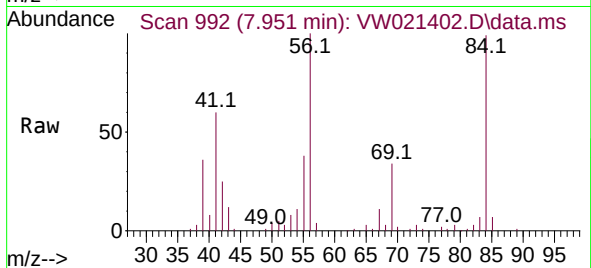
Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

ClientSampleId :



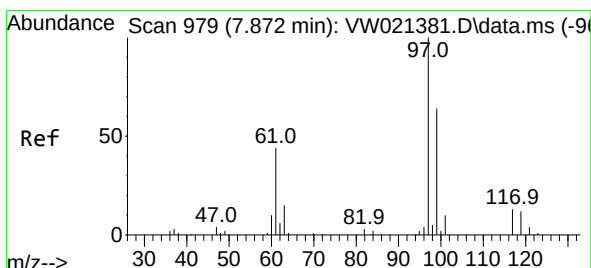
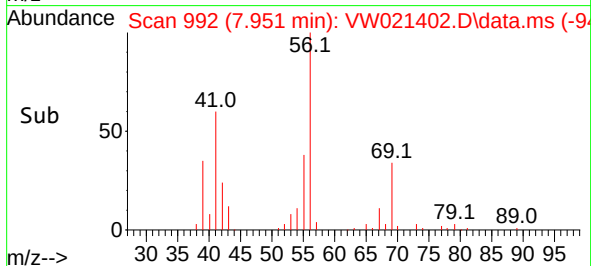
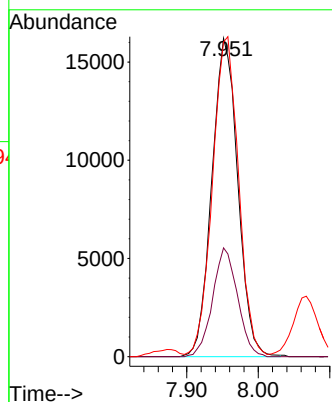
Tgt Ion: 56 Resp: 40833

Ion Ratio Lower Upper

56 100

69 32.8 23.5 35.3

84 101.0 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.858 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

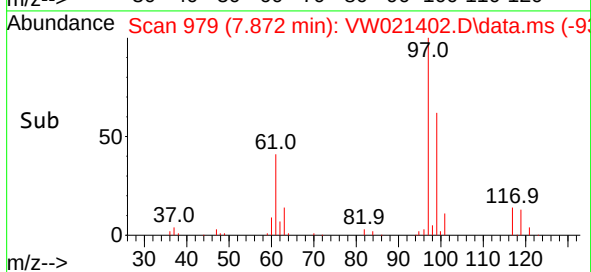
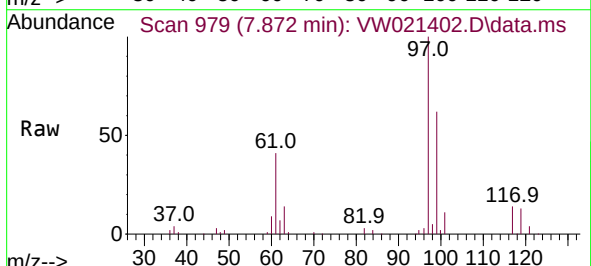
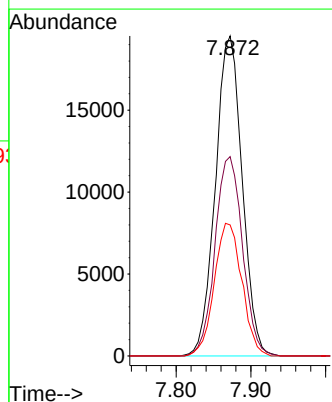
Tgt Ion: 97 Resp: 48768

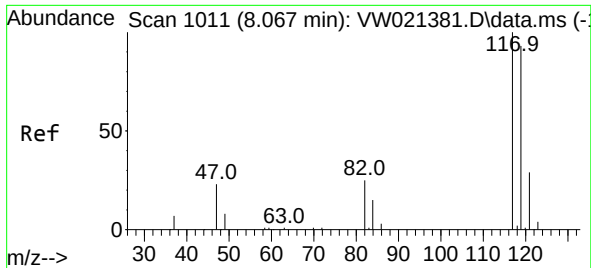
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 42.7 40.9 61.3

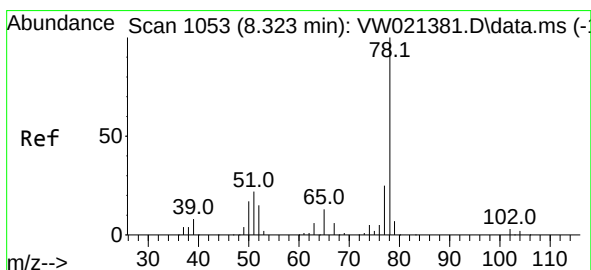
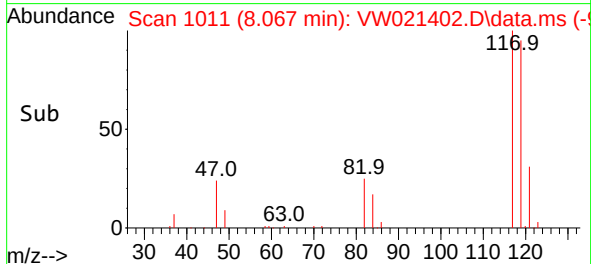
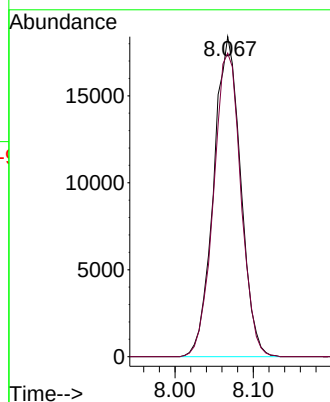
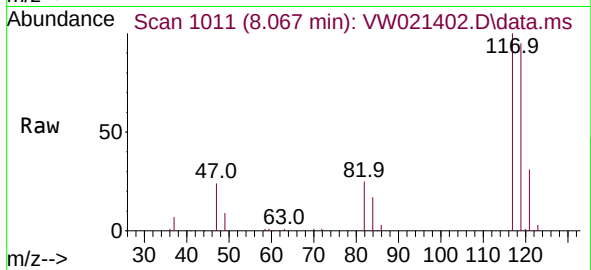




#31
Carbon tetrachloride
Concen: 23.412 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

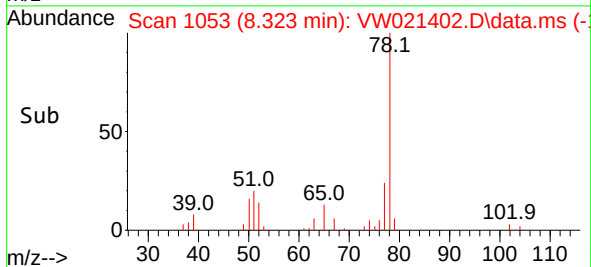
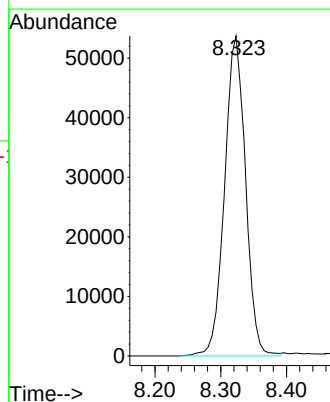
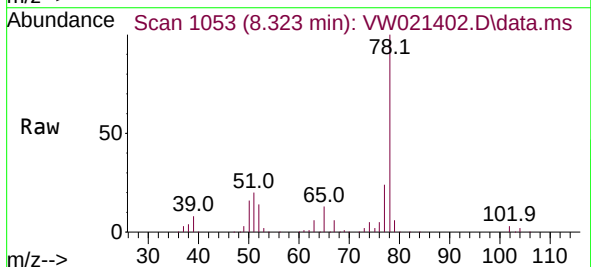
Instrument :
MSVOA_W
ClientSampleId :

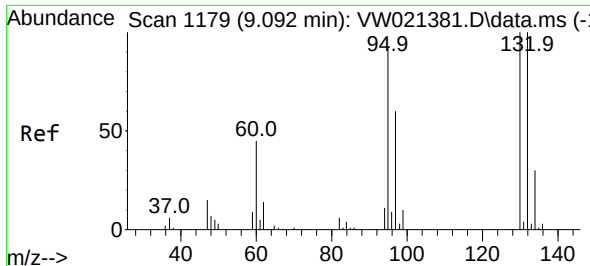
Tgt Ion:117 Resp: 44148
Ion Ratio Lower Upper
117 100
119 96.0 75.7 113.5



#33
Benzene
Concen: 24.002 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion: 78 Resp: 119119





#34

Trichloroethene

Concen: 23.548 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 32807

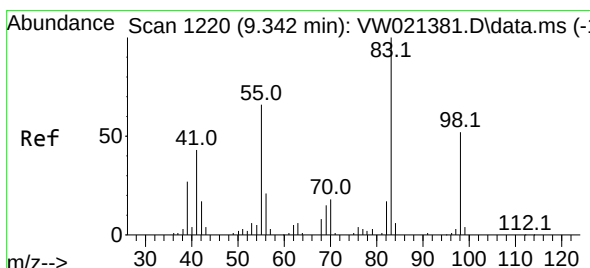
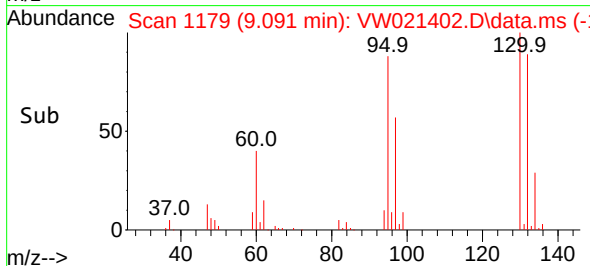
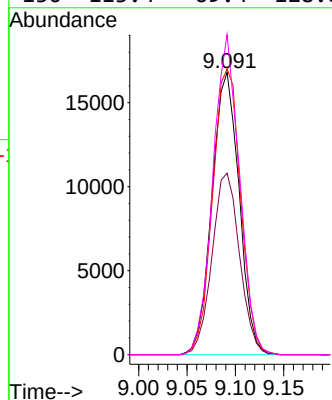
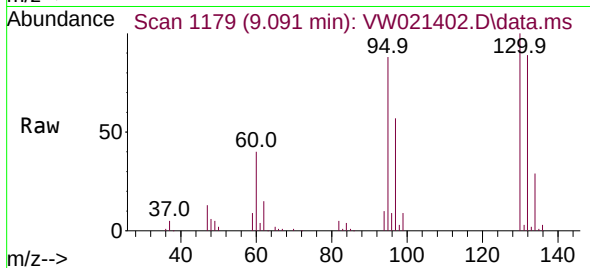
Ion Ratio Lower Upper

95 100

97 64.3 47.0 87.2

132 101.2 65.5 121.6

130 113.4 69.4 128.8



#35

Methylcyclohexane

Concen: 22.557 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.006 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

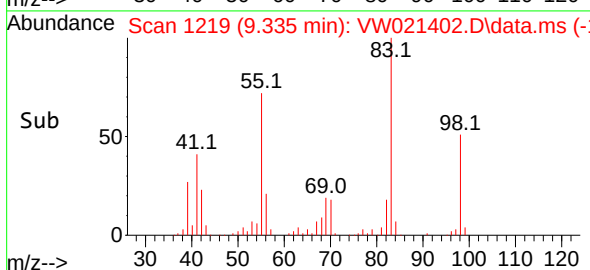
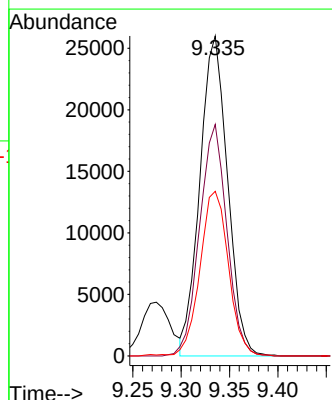
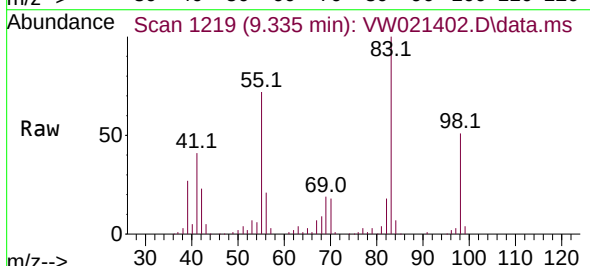
Tgt Ion: 83 Resp: 51840

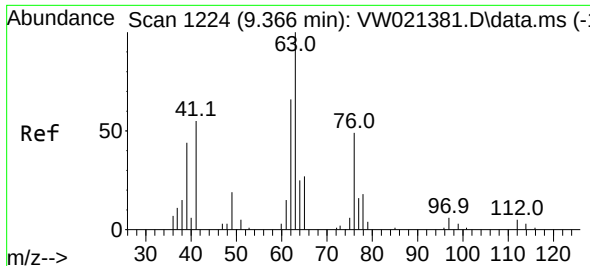
Ion Ratio Lower Upper

83 100

55 71.4 70.8 106.2

98 52.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.716 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

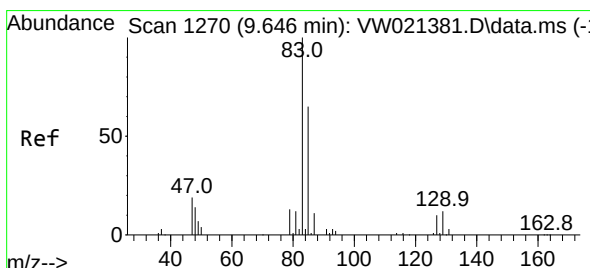
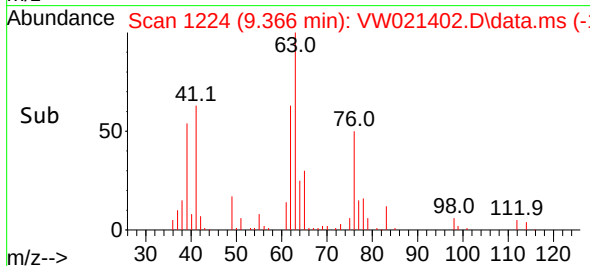
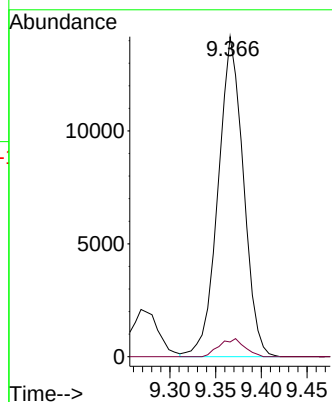
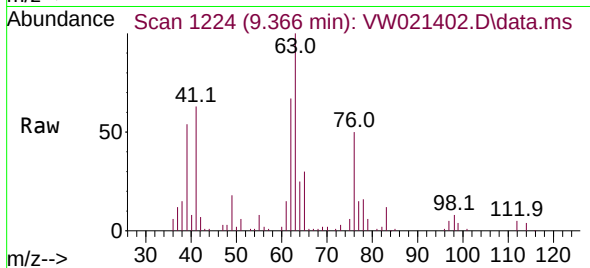
ClientSampleId :

Tgt Ion: 63 Resp: 27361

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.374 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

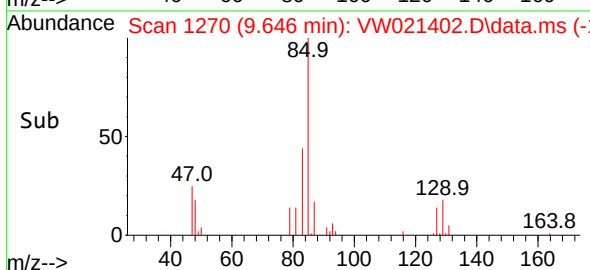
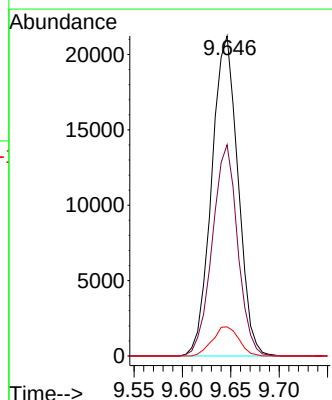
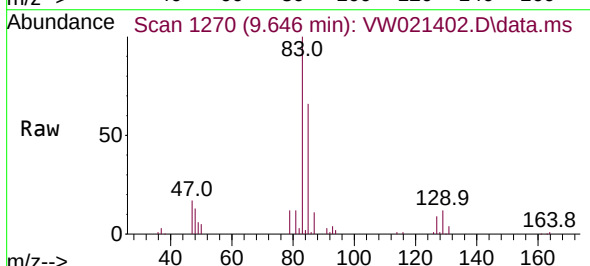
Tgt Ion: 83 Resp: 40143

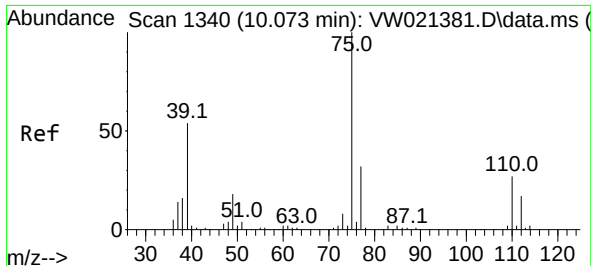
Ion Ratio Lower Upper

83 100

85 66.0 44.1 81.9

127 9.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.203 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

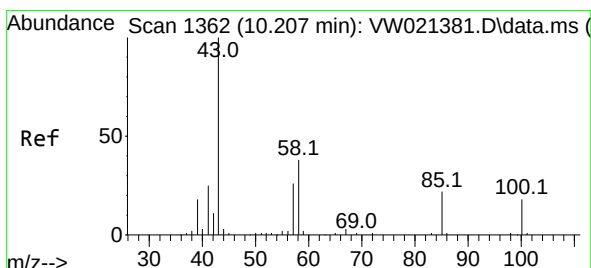
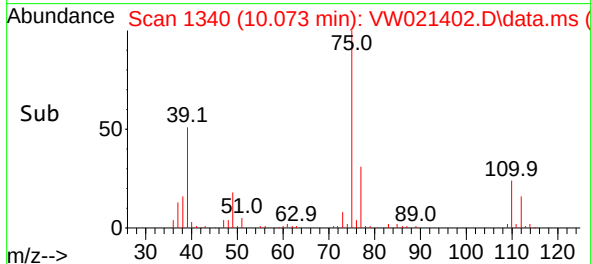
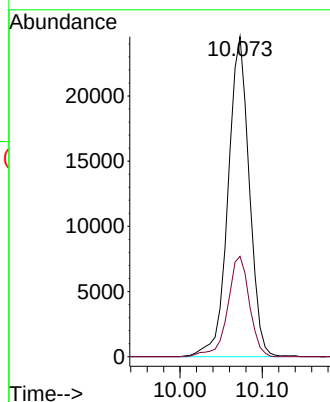
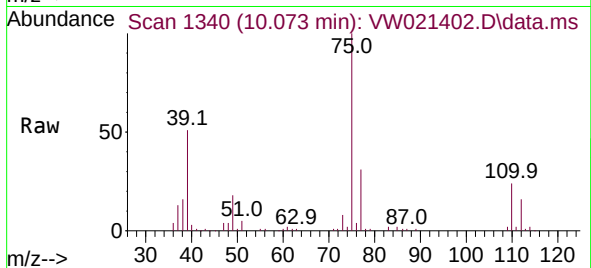
ClientSampleId :

Tgt Ion: 75 Resp: 43980

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 56.994 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

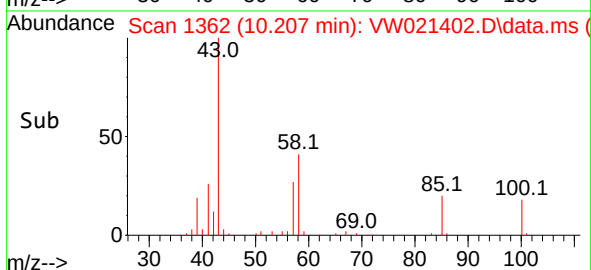
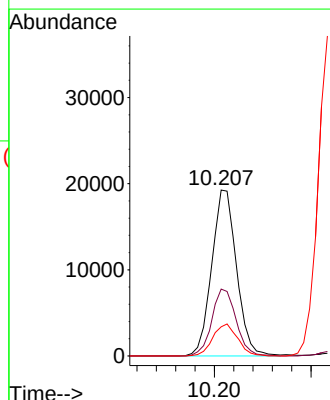
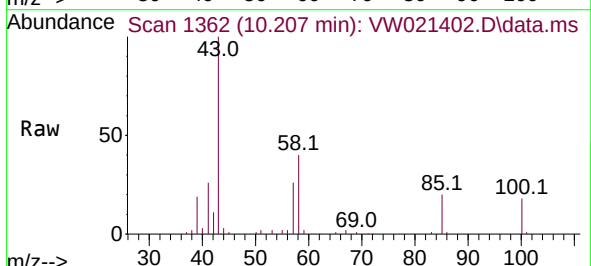
Tgt Ion: 43 Resp: 34378

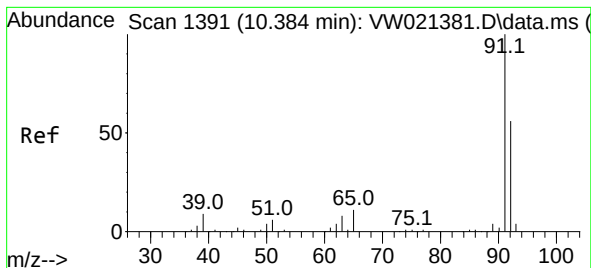
Ion Ratio Lower Upper

43 100

58 39.3 28.8 43.2

100 19.2 10.0 15.0#





#42

Toluene

Concen: 23.563 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

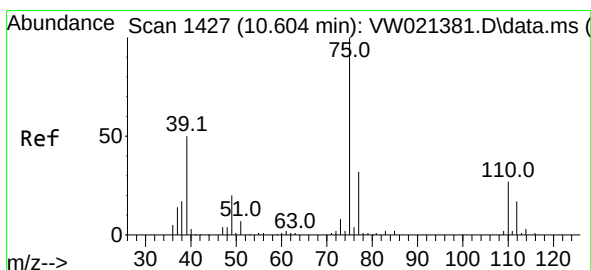
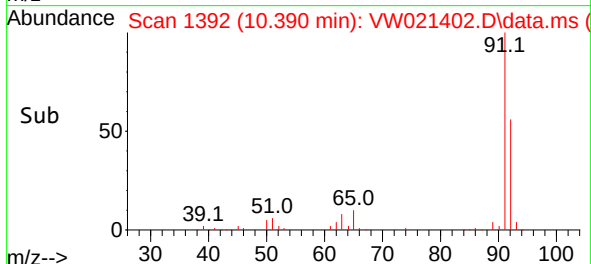
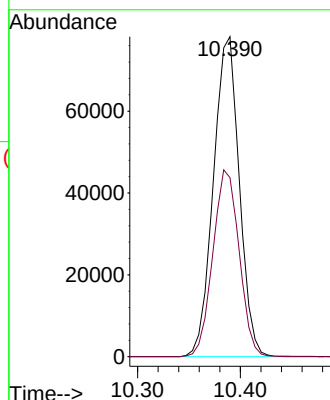
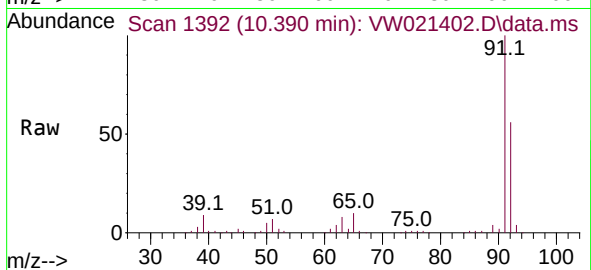
ClientSampleId :

Tgt Ion: 91 Resp: 136767

Ion Ratio Lower Upper

91 100

92 55.9 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 25.875 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021402.D

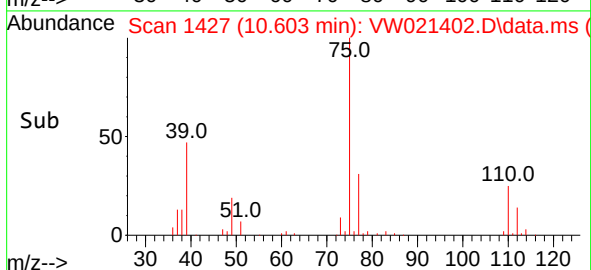
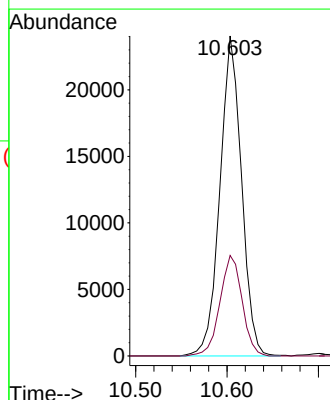
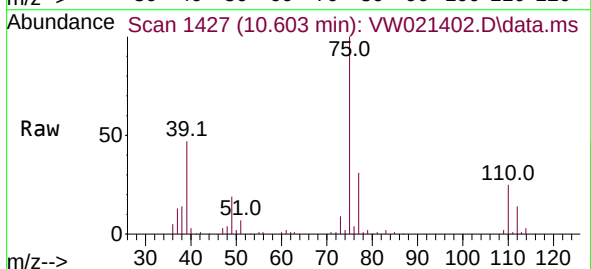
Acq: 15 Dec 2021 20:19

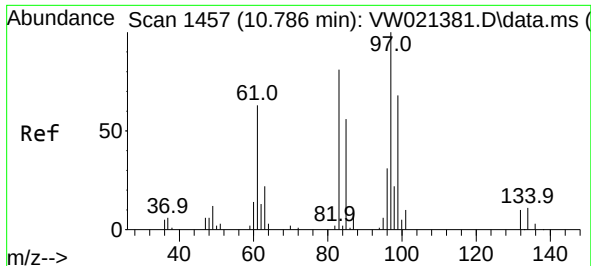
Tgt Ion: 75 Resp: 39549

Ion Ratio Lower Upper

75 100

77 31.4 22.2 41.2

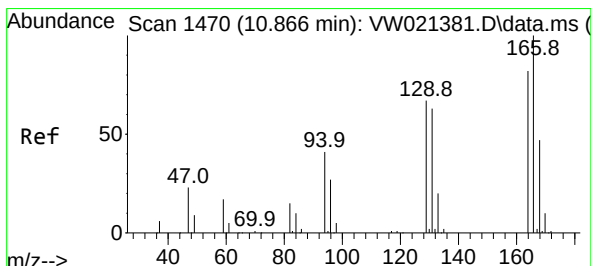
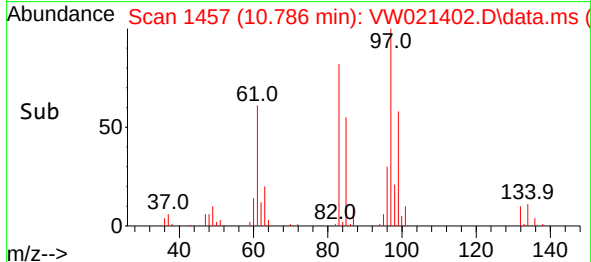
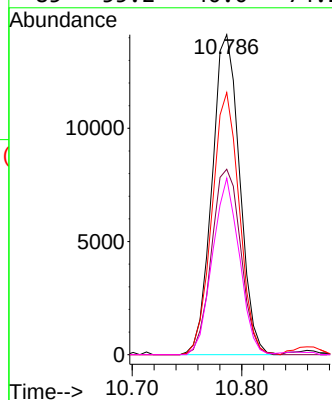
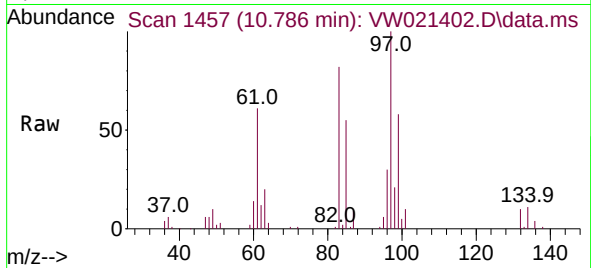




#45
1,1,2-Trichloroethane
Concen: 27.318 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

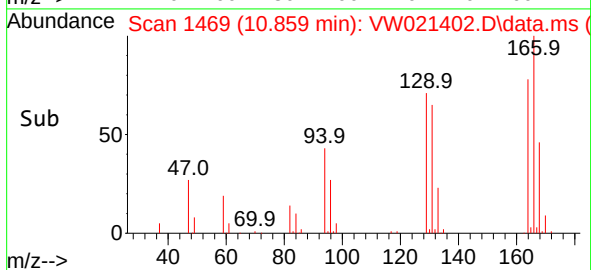
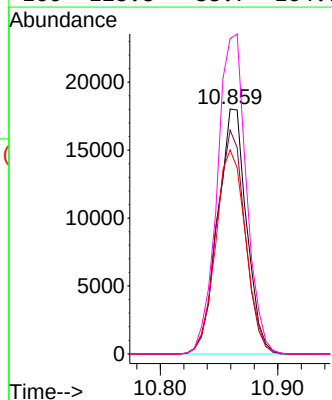
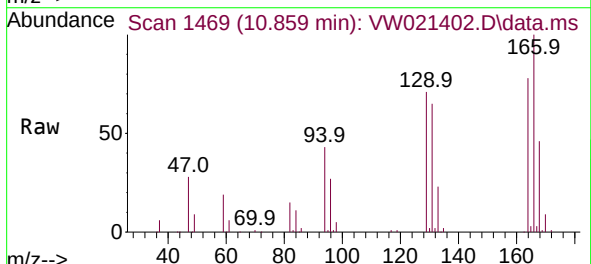
Instrument :
MSVOA_W
ClientSampleId :

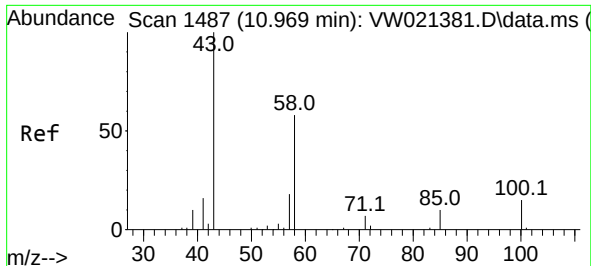
Tgt Ion:	97	Resp:	24752
Ion	Ratio	Lower	Upper
97	100		
99	58.0	43.0	79.8
83	81.9	62.6	116.3
85	55.2	40.0	74.2



#46
Tetrachloroethene
Concen: 23.253 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion:	164	Resp:	30774
Ion	Ratio	Lower	Upper
164	100		
129	91.3	65.5	121.7
131	83.3	59.7	110.9
166	128.8	88.7	164.7

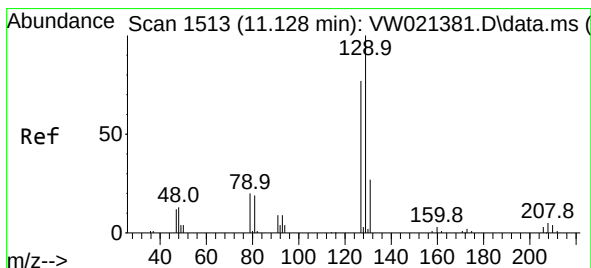
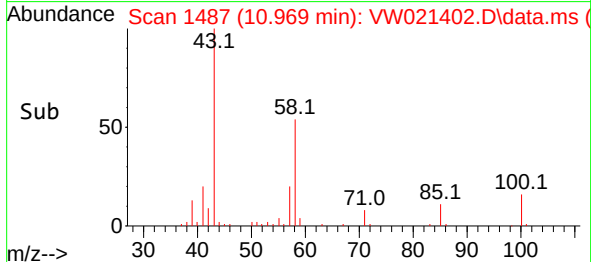
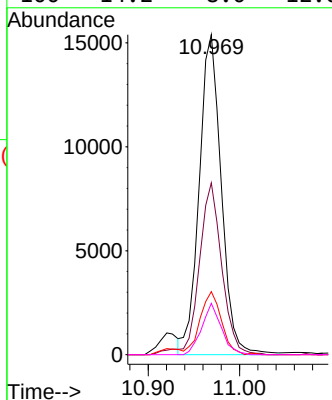
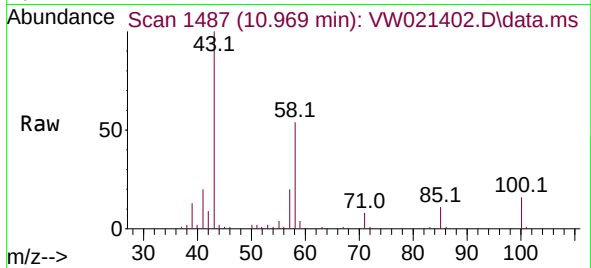




#48
2-Hexanone
Concen: 59.258 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

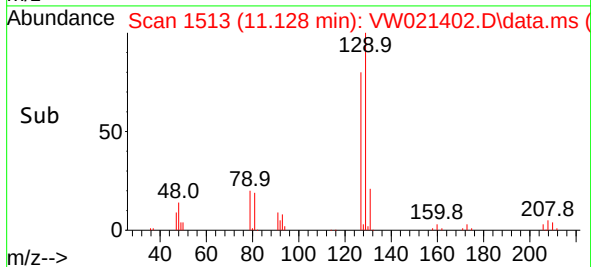
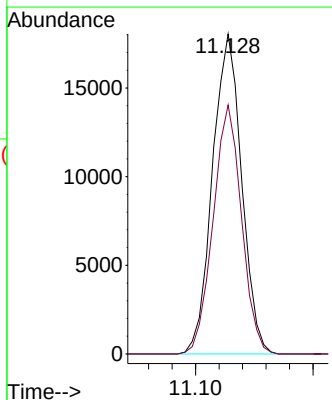
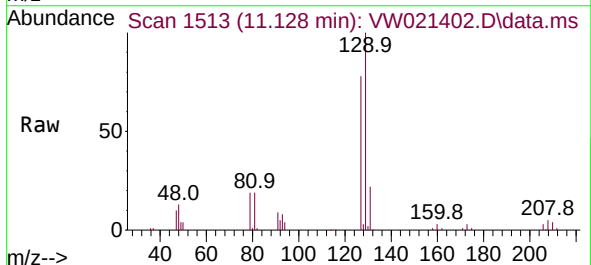
Instrument :
MSVOA_W
ClientSampleId :

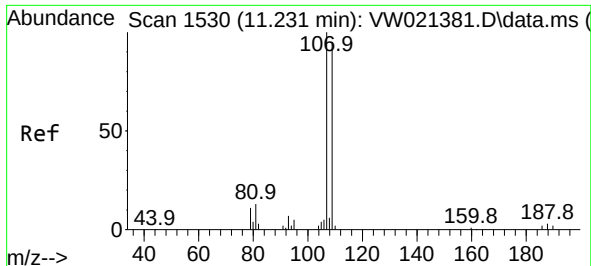
Tgt Ion: 43 Resp: 25921
Ion Ratio Lower Upper
43 100
58 53.4 40.2 60.2
57 18.9 14.3 21.5
100 14.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 27.819 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion:129 Resp: 31074
Ion Ratio Lower Upper
129 100
127 77.8 55.7 103.5





#50

1,2-Dibromoethane

Concen: 27.333 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

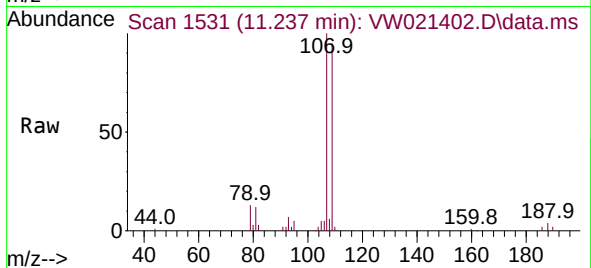
Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

ClientSampleId :



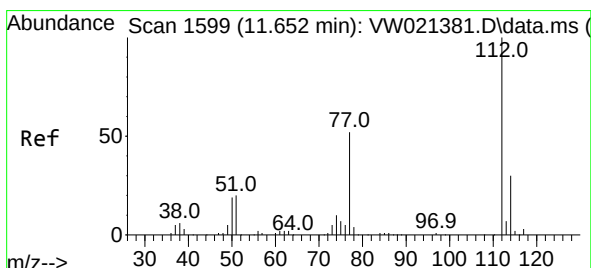
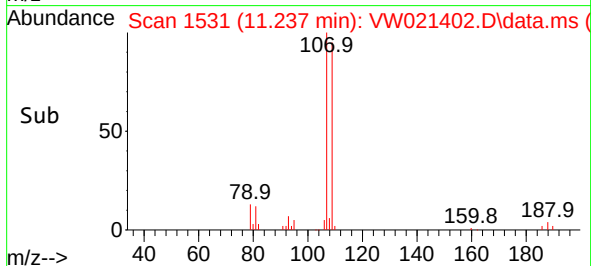
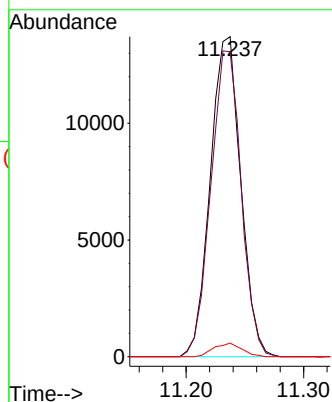
Tgt Ion:107 Resp: 24646

Ion Ratio Lower Upper

107 100

109 95.3 64.1 119.1

188 4.2 2.6 3.8#



#51

Chlorobenzene

Concen: 24.402 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

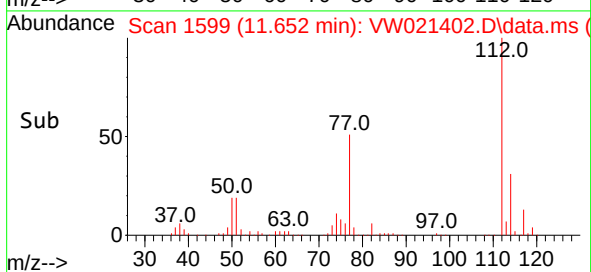
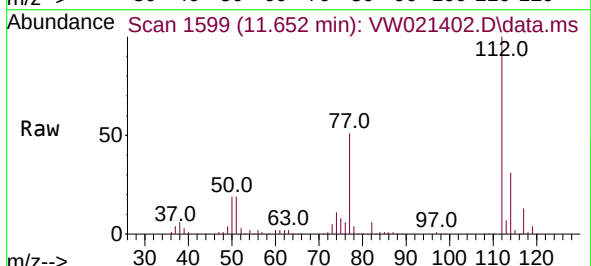
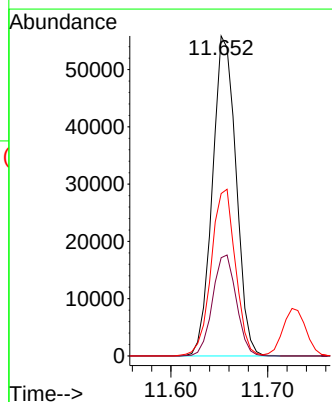
Tgt Ion:112 Resp: 94830

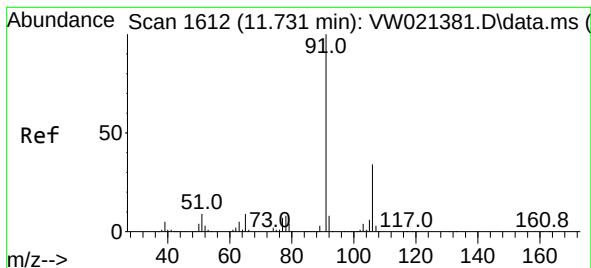
Ion Ratio Lower Upper

112 100

114 30.7 22.4 41.6

77 50.8 50.2 75.4





#52

Ethylbenzene

Concen: 23.265 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

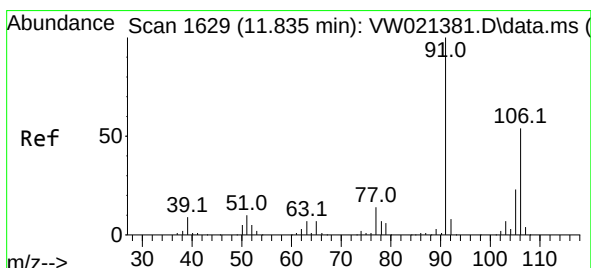
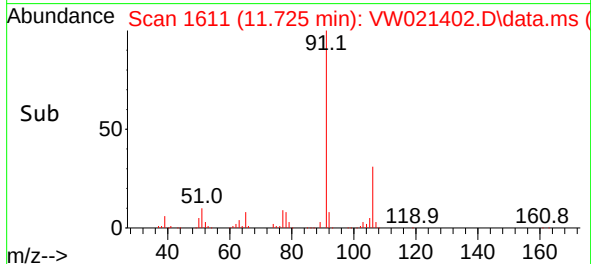
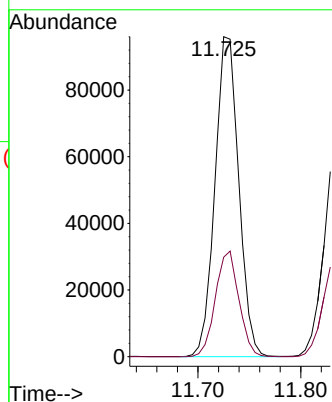
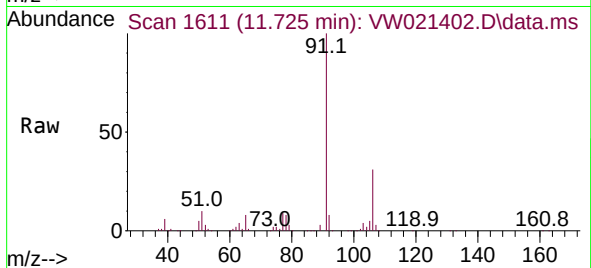
ClientSampleId :

Tgt Ion: 91 Resp: 154317

Ion Ratio Lower Upper

91 100

106 31.1 21.5 39.9



#53

m,p-Xylene

Concen: 23.251 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW021402.D

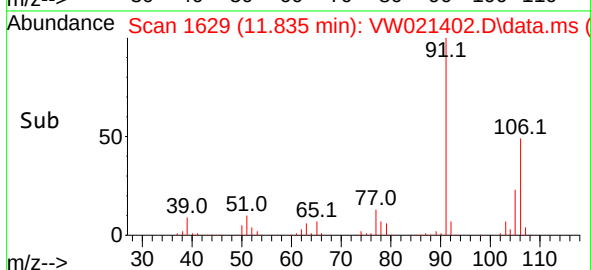
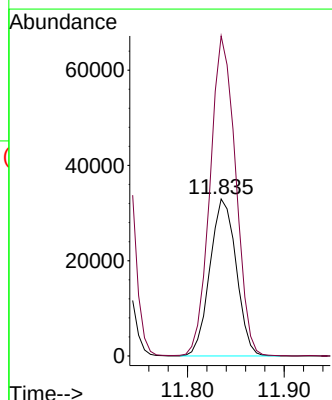
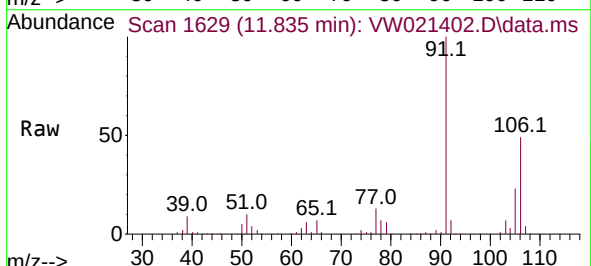
Acq: 15 Dec 2021 20:19

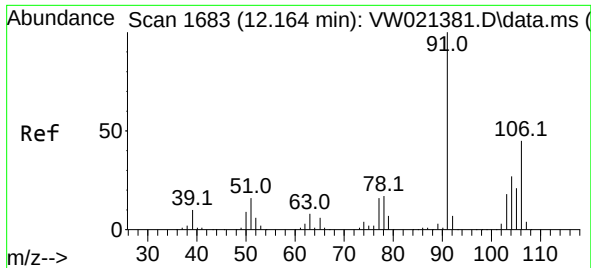
Tgt Ion:106 Resp: 62215

Ion Ratio Lower Upper

106 100

91 203.8 149.9 278.3

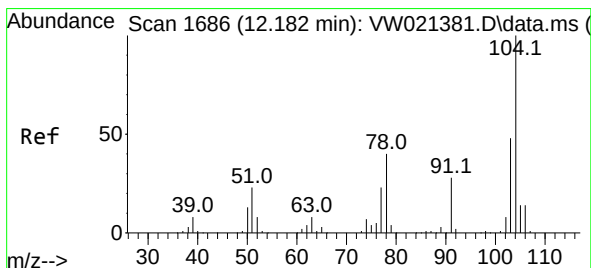
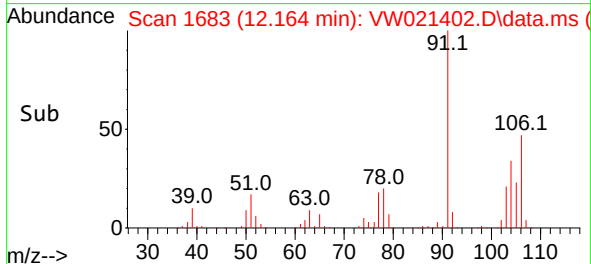
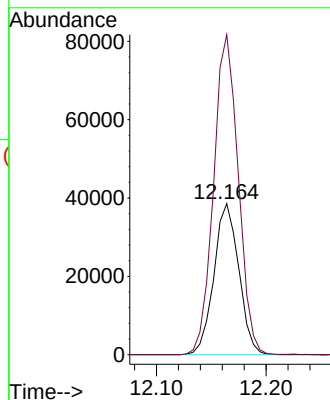
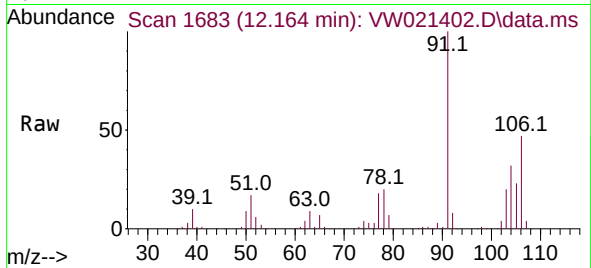




#54
o-Xylene
Concen: 23.894 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

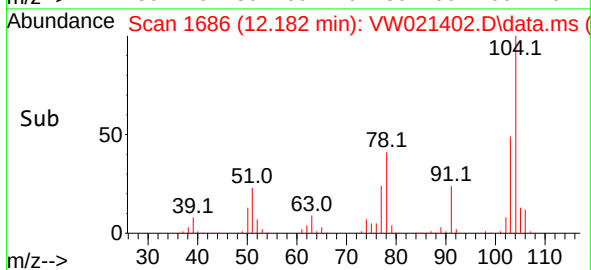
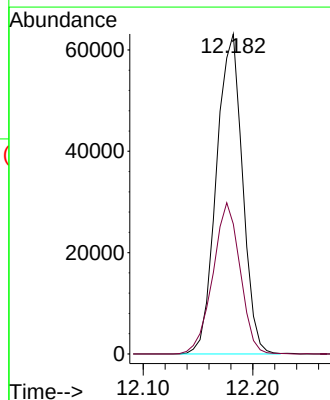
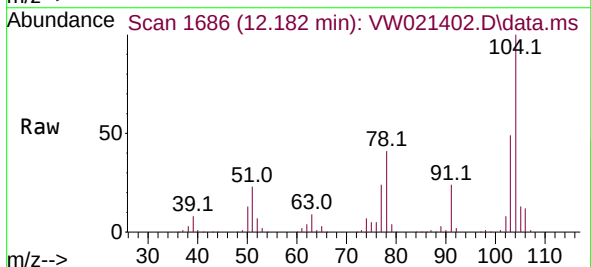
Instrument :
MSVOA_W
ClientSampleId :

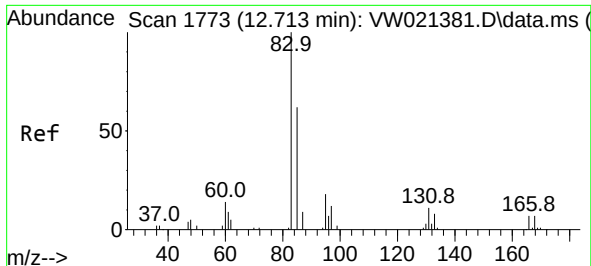
Tgt Ion:106 Resp: 60677
Ion Ratio Lower Upper
106 100
91 211.9 153.6 285.3



#55
Styrene
Concen: 24.123 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion:104 Resp: 104259
Ion Ratio Lower Upper
104 100
78 40.6 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 29.121 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021402.D

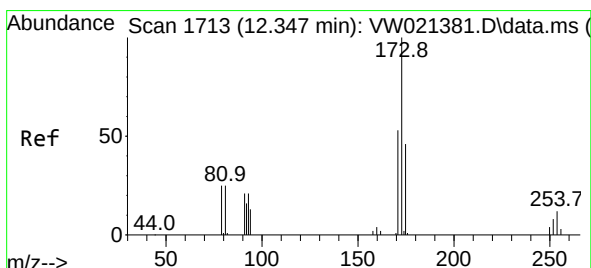
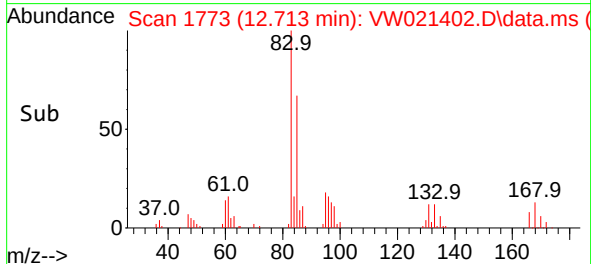
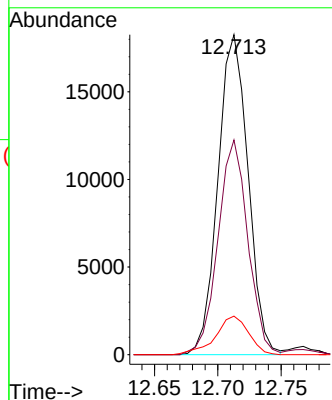
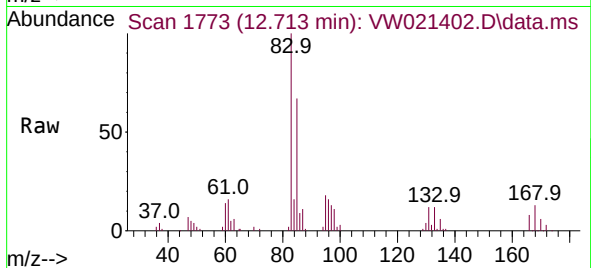
Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	30247
Ion Ratio	Lower	Upper	
83	100		
85	67.1	44.0	81.6
131	12.0	6.9	10.3



#59

Bromoform

Concen: 28.464 ug/L

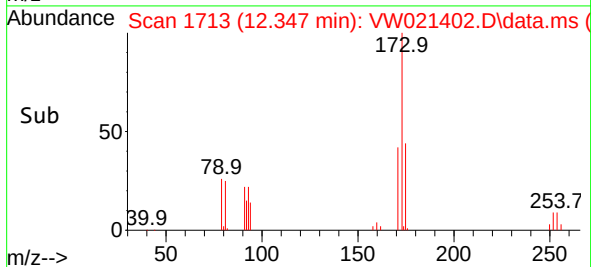
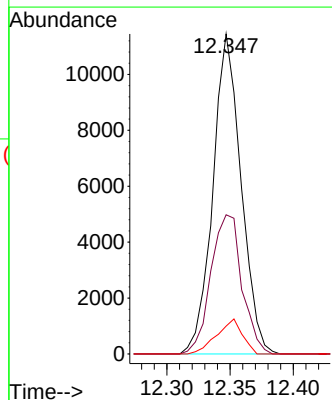
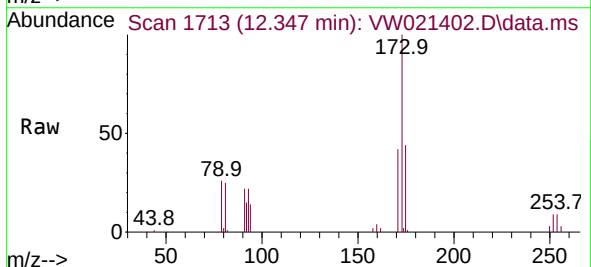
RT: 12.347 min Scan# 1713

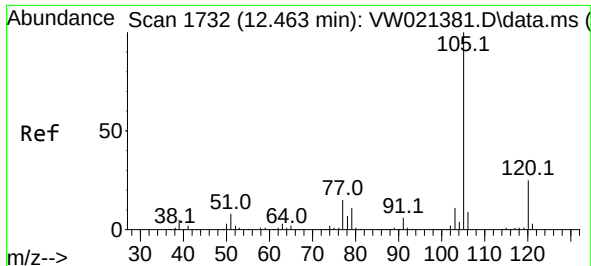
Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Tgt Ion:	173	Resp:	17725
Ion Ratio	Lower	Upper	
173	100		
175	47.9	39.6	59.4
254	9.9	7.4	11.0

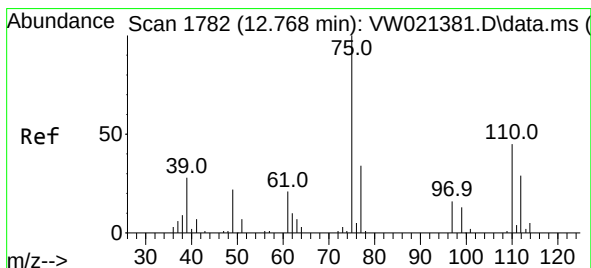
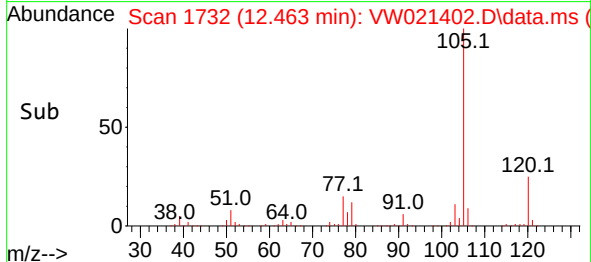
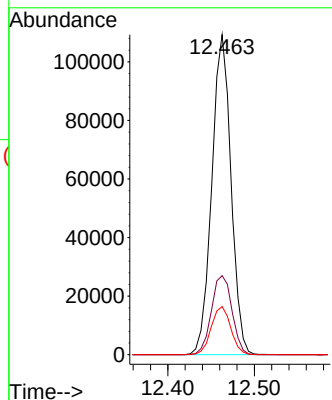
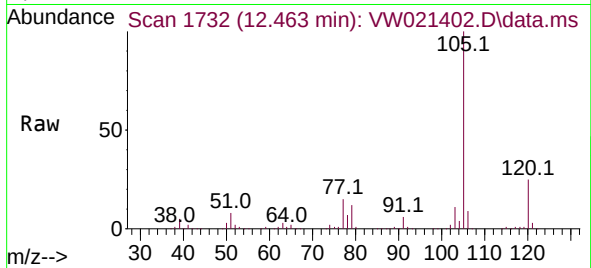




#60
Isopropylbenzene
Concen: 23.625 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

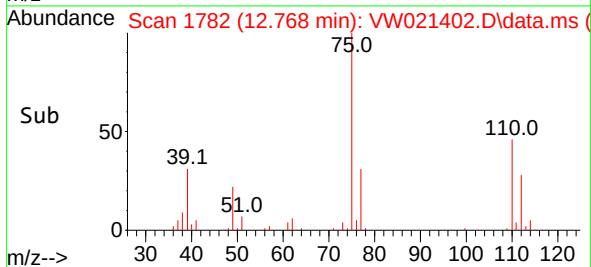
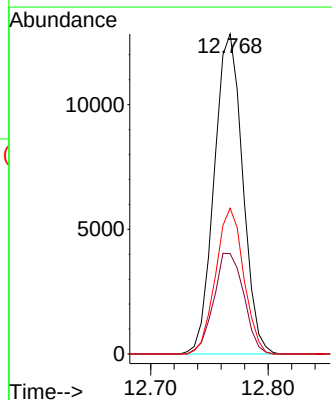
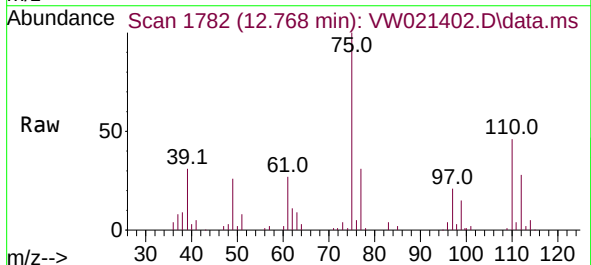
Instrument :
MSVOA_W
ClientSampleId :

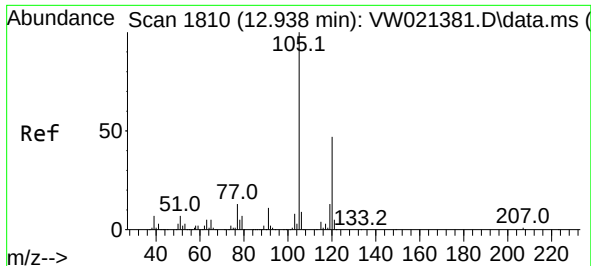
Tgt Ion:105 Resp: 168005
Ion Ratio Lower Upper
105 100
120 26.5 20.1 30.1
77 15.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 28.316 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion: 75 Resp: 21568
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8
110 44.9 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 23.707 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

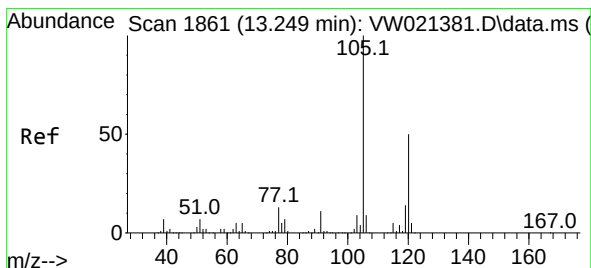
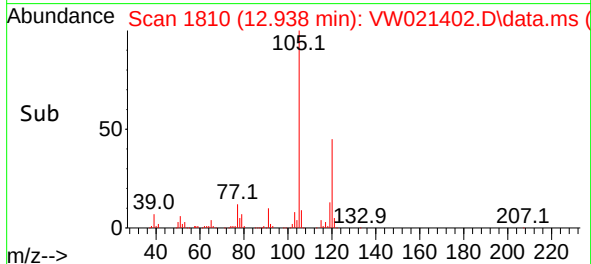
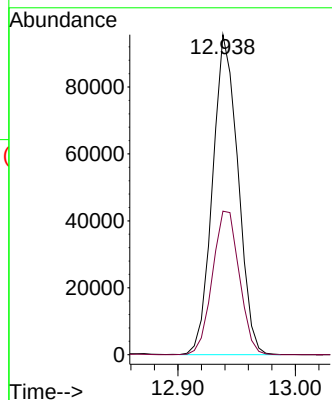
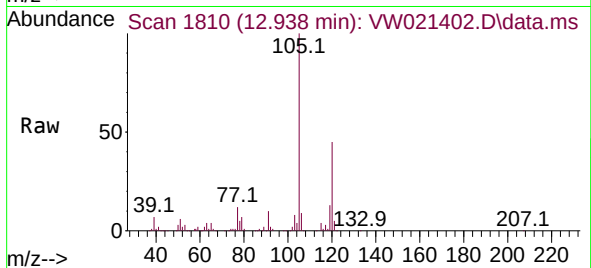
ClientSampleId :

Tgt Ion:105 Resp: 143459

Ion Ratio Lower Upper

105 100

120 47.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.852 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021402.D

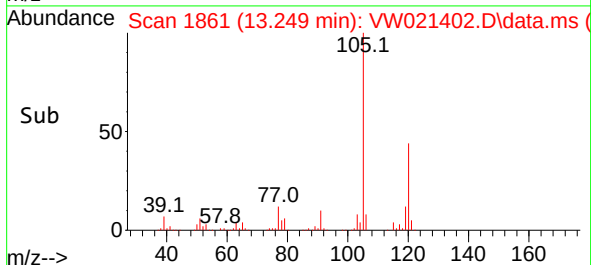
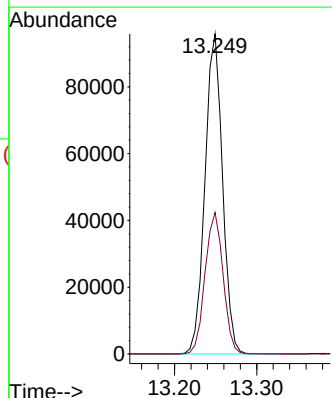
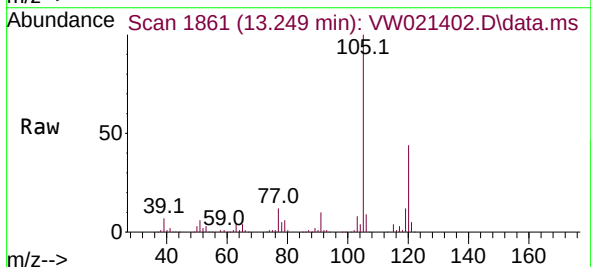
Acq: 15 Dec 2021 20:19

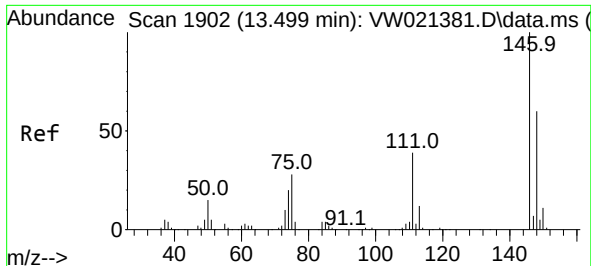
Tgt Ion:105 Resp: 142386

Ion Ratio Lower Upper

105 100

120 45.2 35.0 52.6

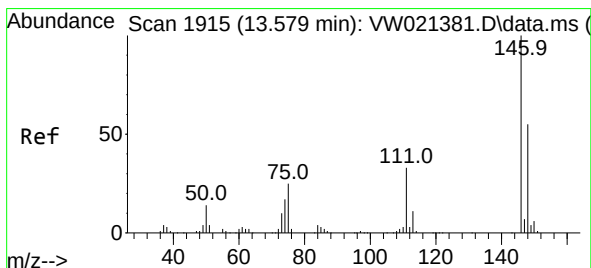
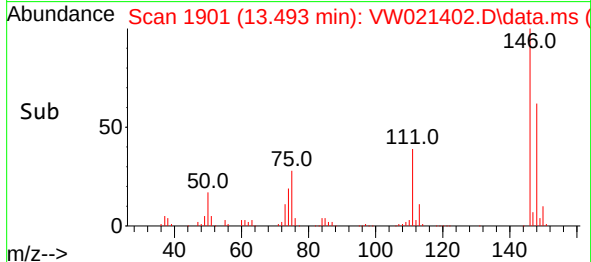
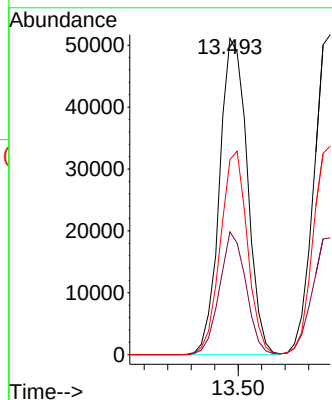
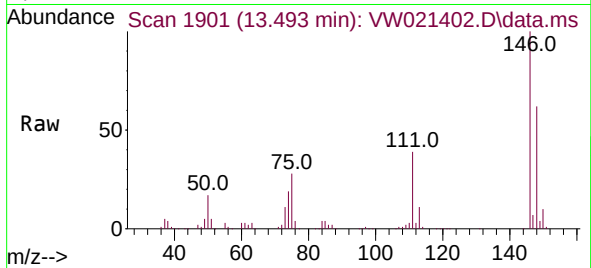




#64
1,3-Dichlorobenzene
Concen: 24.957 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

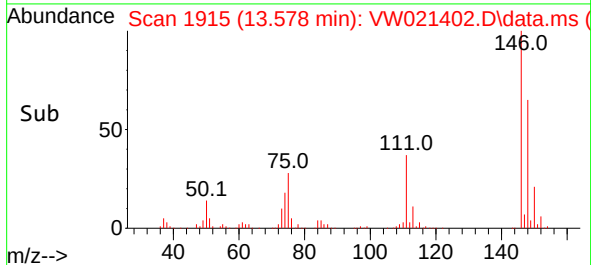
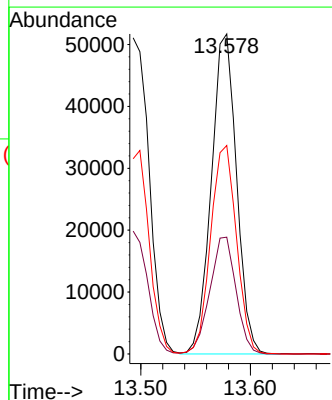
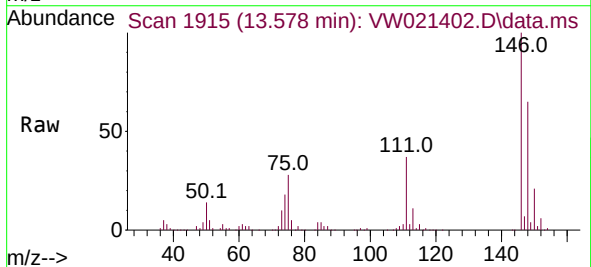
Instrument :
MSVOA_W
ClientSampleId :

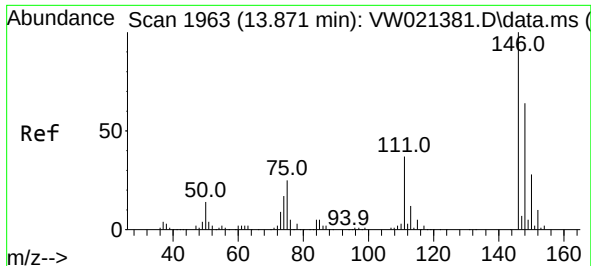
Tgt Ion:146 Resp: 83715
Ion Ratio Lower Upper
146 100
111 38.9 29.8 55.3
148 61.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.882 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion:146 Resp: 82924
Ion Ratio Lower Upper
146 100
111 36.5 29.0 53.9
148 65.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.581 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

Instrument :

MSVOA_W

ClientSampleId :

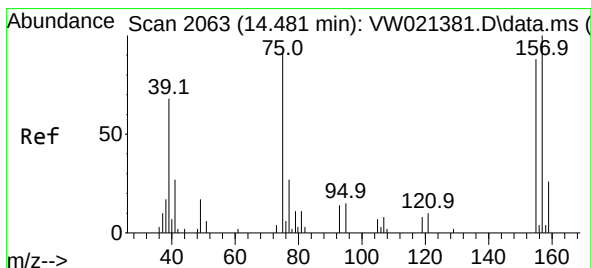
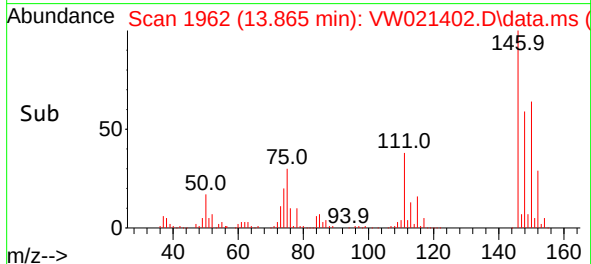
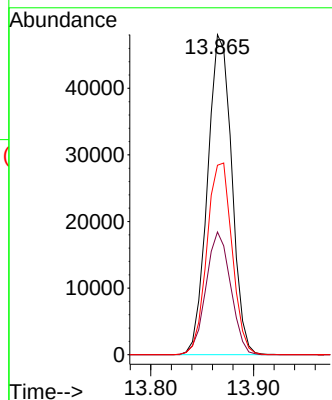
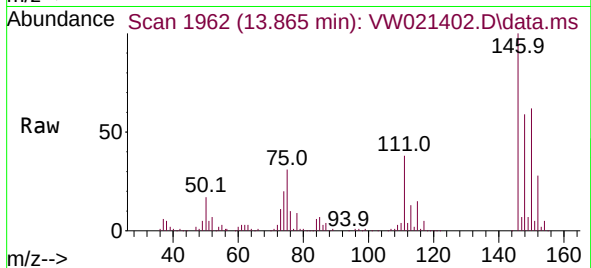
Tgt Ion:146 Resp: 78497

Ion Ratio Lower Upper

146 100

111 38.4 33.1 49.7

148 59.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 29.126 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021402.D

Acq: 15 Dec 2021 20:19

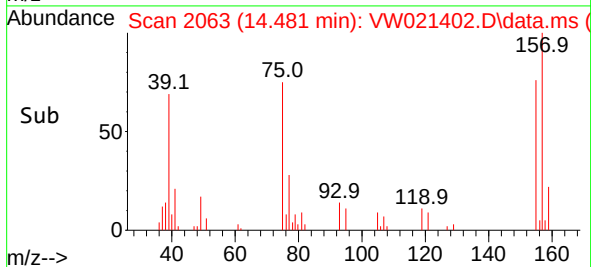
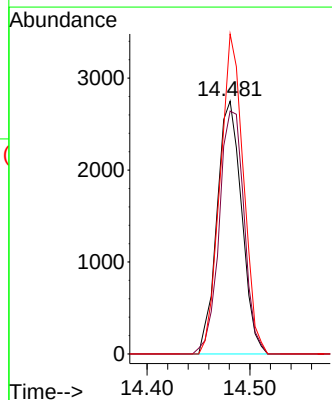
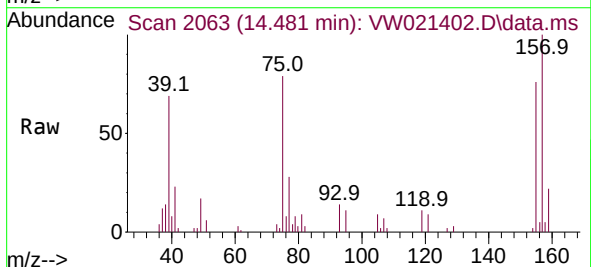
Tgt Ion: 75 Resp: 4576

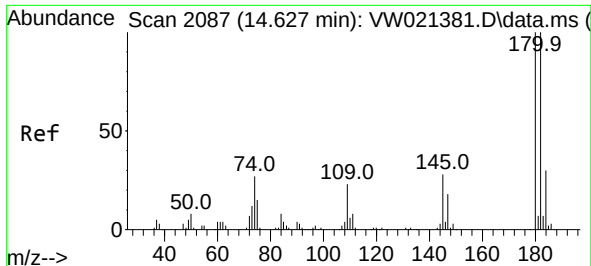
Ion Ratio Lower Upper

75 100

155 96.1 54.2 81.2#

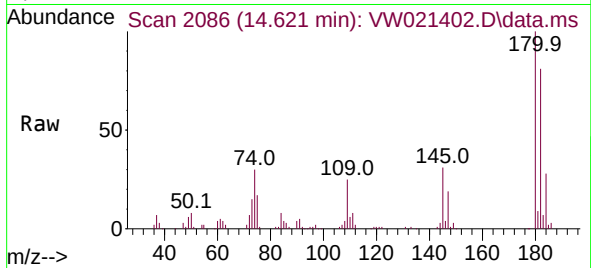
157 126.6 69.4 104.2#



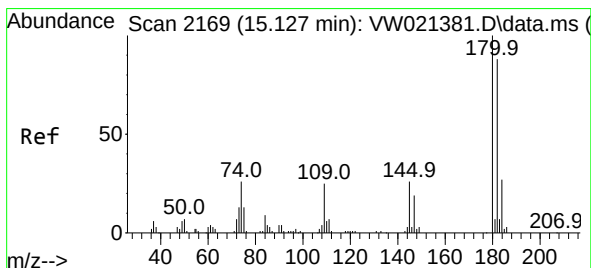
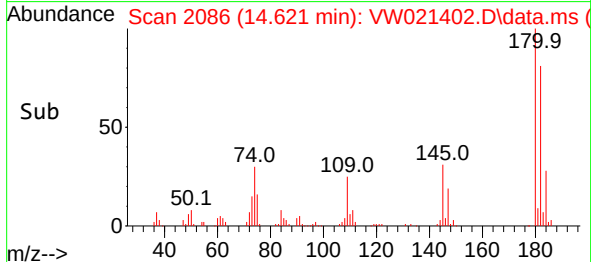
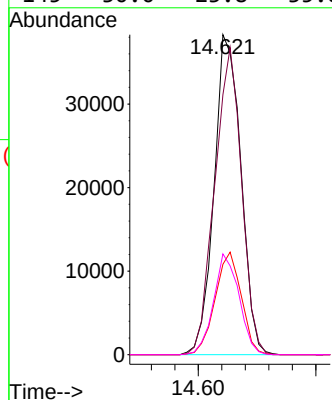


#69
1,3,5-Trichlorobenzene
Concen: 24.216 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Instrument :
MSVOA_W
ClientSampleId :

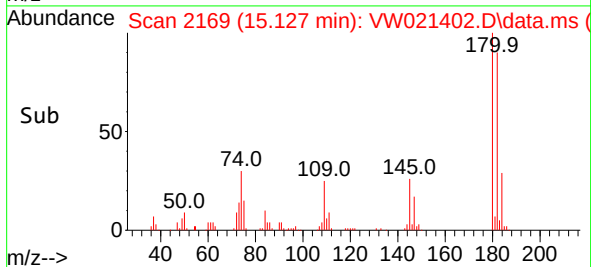
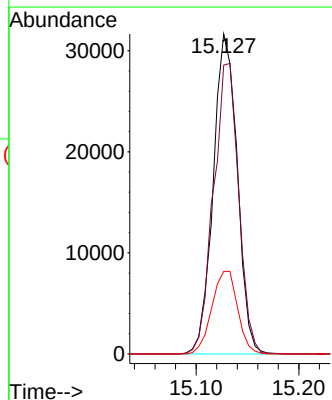
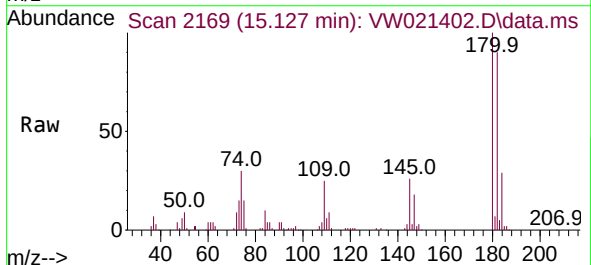


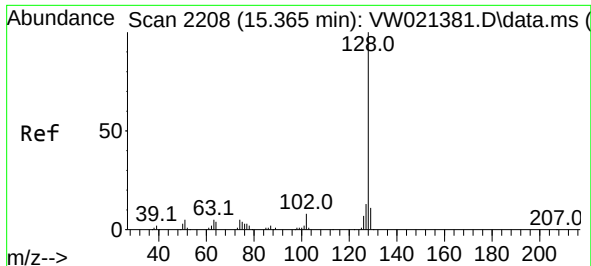
Tgt Ion:180 Resp: 60711
Ion Ratio Lower Upper
180 100
182 96.2 75.4 113.0
184 31.3 23.8 35.8
145 30.0 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 25.536 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion:180 Resp: 51493
Ion Ratio Lower Upper
180 100
182 94.7 79.0 118.6
145 27.7 26.0 39.0

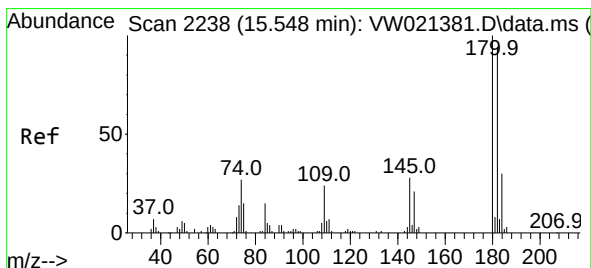
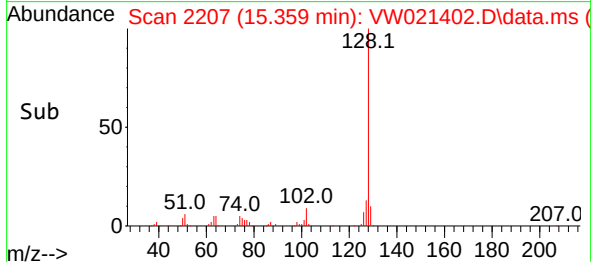
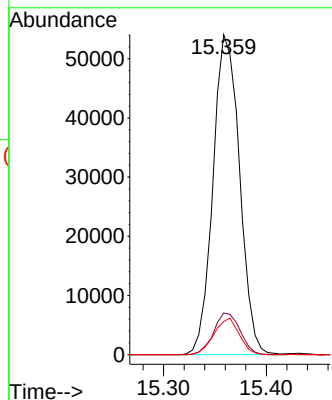
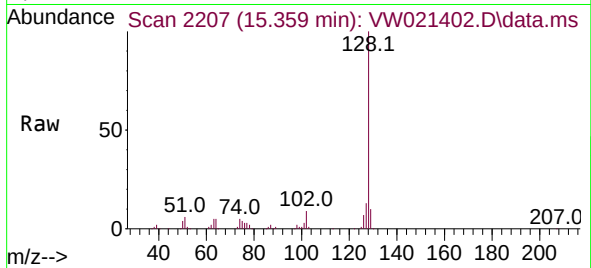




#71
Naphthalene
Concen: 29.643 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 97114
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 27.093 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021402.D
Acq: 15 Dec 2021 20:19

Tgt Ion:180 Resp: 45151
Ion Ratio Lower Upper
180 100
182 94.6 76.6 114.8
145 31.5 27.4 41.0

