

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021635.D
 Acq On : 24 Dec 2021 00:41
 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 24 01:49:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	113586	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	111931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65471	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	43596	21.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
7) Chloroethane-d5	2.879	69	29895	21.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
11) 1,1-Dichloroethene-d2	4.013	63	65235	23.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.600%
21) 2-Butanone-d5	7.098	46	13716	47.036	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.080%
24) Chloroform-d	7.647	84	81419	25.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	8.305	65	42118	25.014	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	151212	24.646	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	9.274	67	41528	25.239	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.323	98	153531	24.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.960%
43) trans-1,3-Dichloroprop...	10.579	79	18204	24.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.120%
47) 2-Hexanone-d5	10.927	63	11849	48.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33795	23.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	59483	23.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5947	13.551	ug/L	96
3) Chloromethane	2.202	50	28575	19.667	ug/L	99
5) Vinyl chloride	2.355	62	42035	18.429	ug/L	93
6) Bromomethane	2.776	94	24863	16.805	ug/L	100
8) Chloroethane	2.910	64	20702	19.701	ug/L	98
9) Trichlorofluoromethane	3.245	101	26704	22.189	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	35003	22.317	ug/L	90
12) 1,1-Dichloroethene	4.031	96	30877	21.931	ug/L	82
13) Acetone	4.159	43	9713	37.156	ug/L	94
14) Carbon disulfide	4.379	76	65762	18.087	ug/L	99
15) Methyl Acetate	4.690	43	10251	22.727	ug/L	95
16) Methylene chloride	4.915	84	45414	24.197	ug/L	81
17) trans-1,2-Dichloroethene	5.427	96	33187	21.770	ug/L	80
18) Methyl tert-butyl Ether	5.434	73	53174	25.255	ug/L	94
19) 1,1-Dichloroethane	6.220	63	58255	24.352	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	38809	24.136	ug/L	71
22) 2-Butanone	7.189	43	14138	41.413	ug/L	88
23) Bromochloromethane	7.519	128	18002	23.944	ug/L	# 60
25) Chloroform	7.677	83	69894	25.169	ug/L	98

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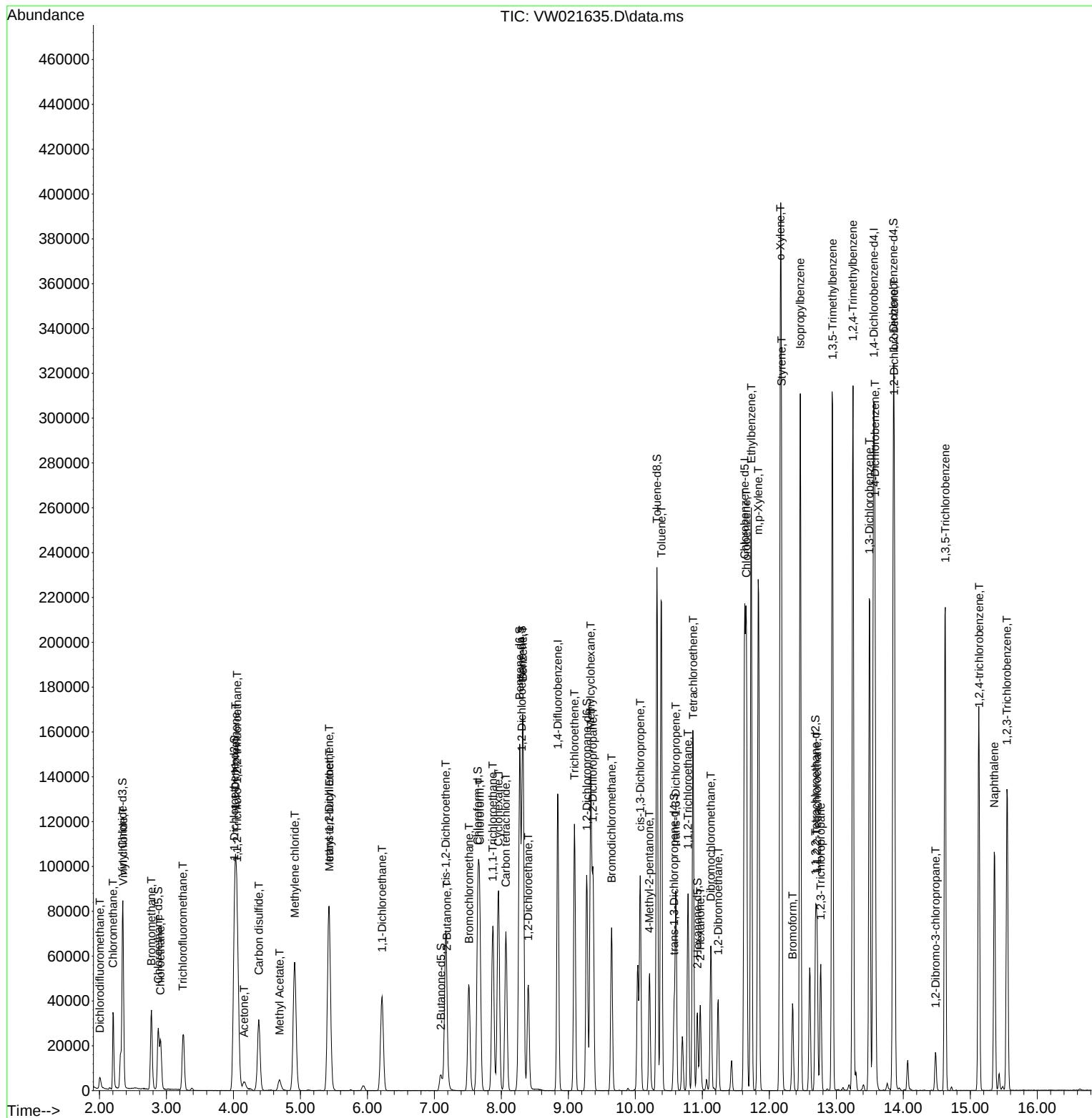
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	43860	24.941	ug/L	98
29) Cyclohexane	7.958	56	46681	20.953	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	60575	24.120	ug/L	93
31) Carbon tetrachloride	8.067	117	52744	22.766	ug/L	100
33) Benzene	8.323	78	139231	22.834	ug/L	100
34) Trichloroethene	9.091	95	39229	22.919	ug/L	92
35) Methylcyclohexane	9.335	83	57968	20.531	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	32184	23.663	ug/L #	95
38) Bromodichloromethane	9.646	83	46784	25.018	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	52330	24.408	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	32453	43.792	ug/L #	89
42) Toluene	10.390	91	164141	23.017	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	46237	24.622	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	27522	24.723	ug/L	93
46) Tetrachloroethene	10.866	164	35970	22.122	ug/L	95
48) 2-Hexanone	10.969	43	23150	43.076	ug/L #	94
49) Dibromochloromethane	11.128	129	33724	24.574	ug/L	91
50) 1,2-Dibromoethane	11.237	107	25991	23.461	ug/L #	95
51) Chlorobenzene	11.658	112	110517	23.148	ug/L	92
52) Ethylbenzene	11.731	91	186271	22.857	ug/L	96
53) m,p-Xylene	11.835	106	74988	22.810	ug/L	88
54) o-Xylene	12.164	106	72472	23.228	ug/L	96
55) Styrene	12.182	104	123280	23.217	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	29567	23.170	ug/L #	98
59) Bromoform	12.347	173	17793	22.841	ug/L	98
60) Isopropylbenzene	12.463	105	198299	22.290	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	21340	22.396	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	168171	22.215	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	172448	23.092	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	92843	22.126	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	92593	22.210	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	85809	23.228	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4060	20.657	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	68571	21.864	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	55286	21.916	ug/L	98
71) Naphthalene	15.359	128	95768	23.367	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	47121	22.603	ug/L	97

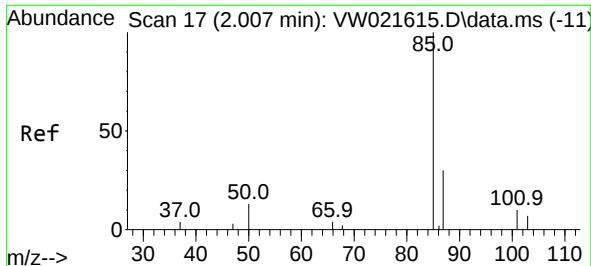
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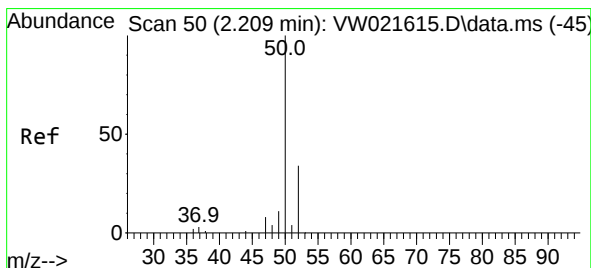
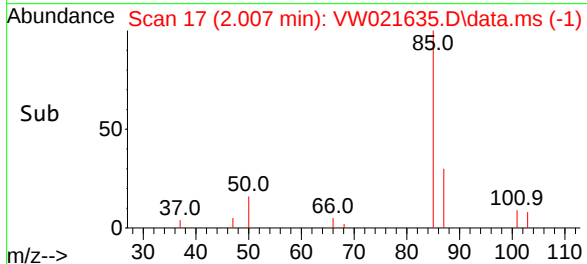
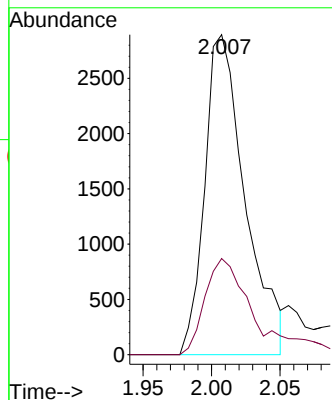
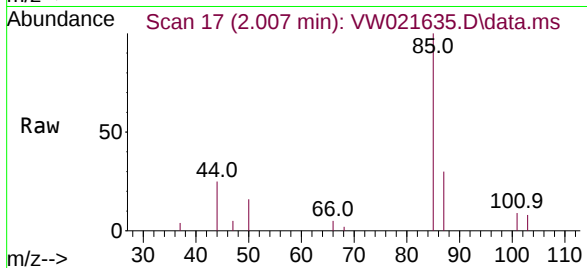




#2
Dichlorodifluoromethane
Concen: 13.551 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

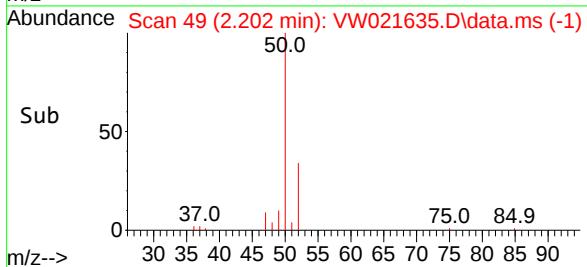
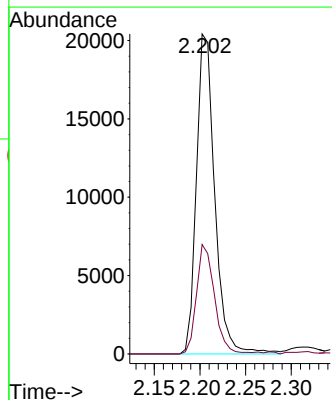
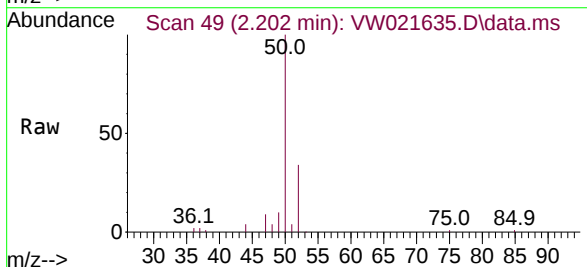
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MSVOA_W
ClientSampleId :

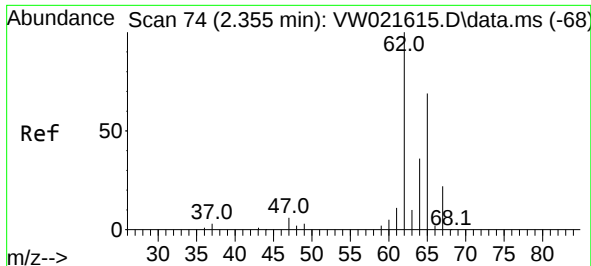
Tgt Ion: 85 Resp: 5947
Ion Ratio Lower Upper
85 100
87 29.9 25.8 38.6



#3
Chloromethane
Concen: 19.667 ug/L
RT: 2.202 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 50 Resp: 28575
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.6

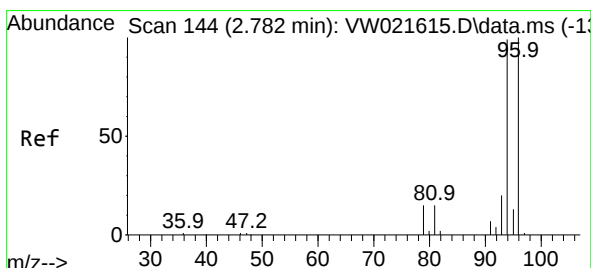
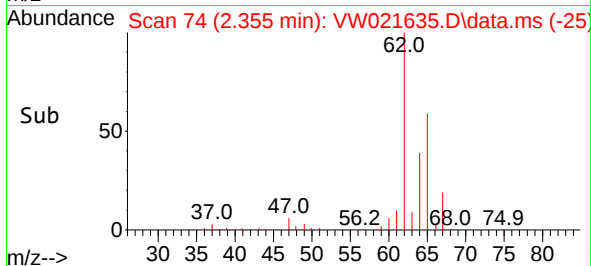
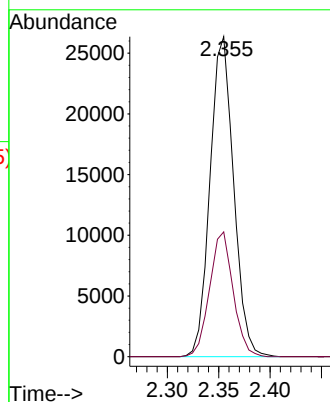
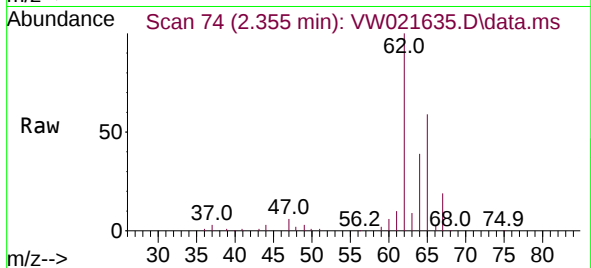




#5
 Vinyl chloride
 Concen: 18.429 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW021635.D
 Acq: 24 Dec 2021 00:41

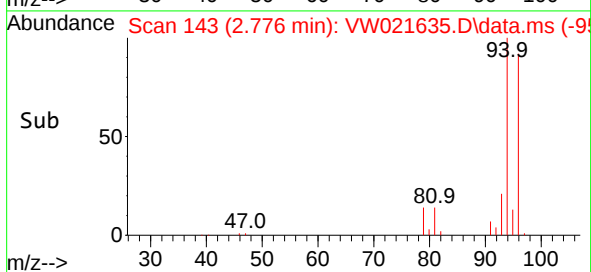
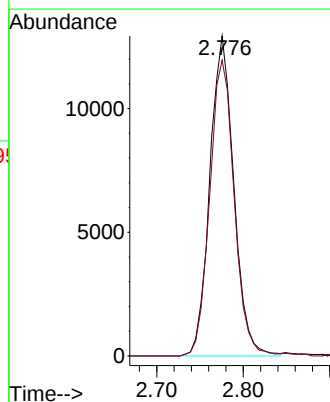
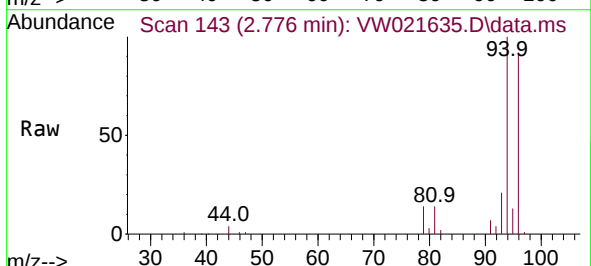
Instrument :
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 ClientSampleId :

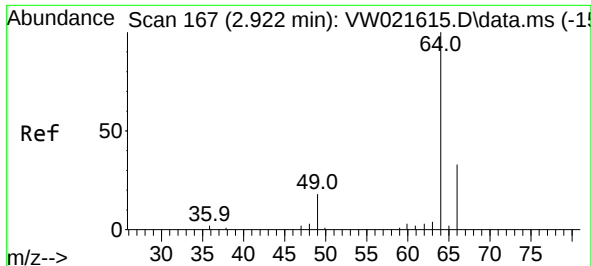
Tgt Ion: 62 Resp: 42035
 Ion Ratio Lower Upper
 62 100
 64 39.0 24.4 45.2



#6
 Bromomethane
 Concen: 16.805 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021635.D
 Acq: 24 Dec 2021 00:41

Tgt Ion: 94 Resp: 24863
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.8 120.4

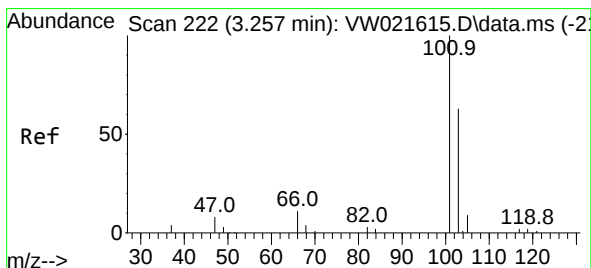
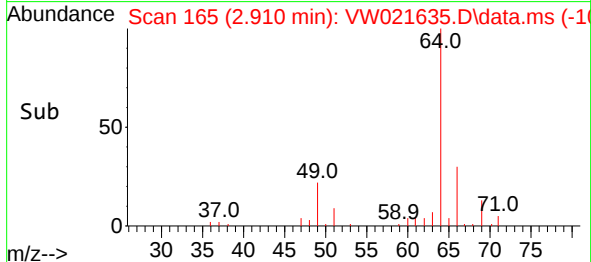
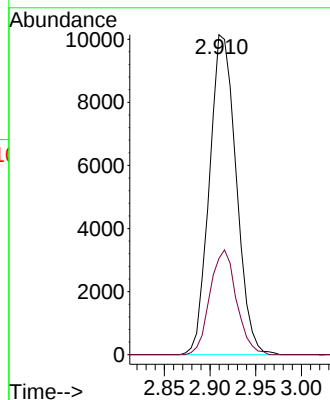
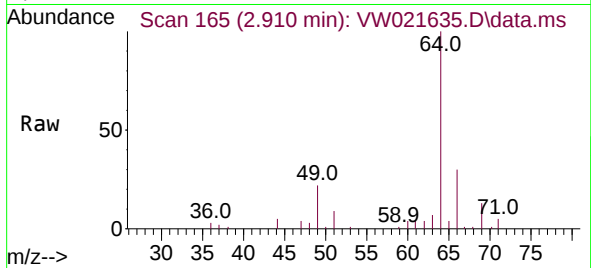




#8
Chloroethane
Concen: 19.701 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

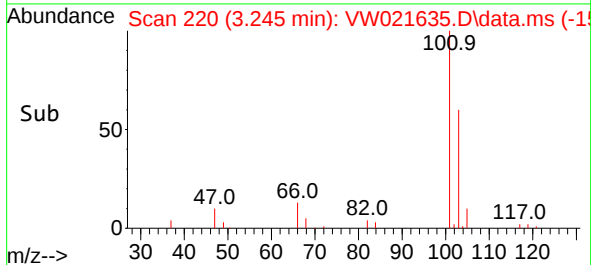
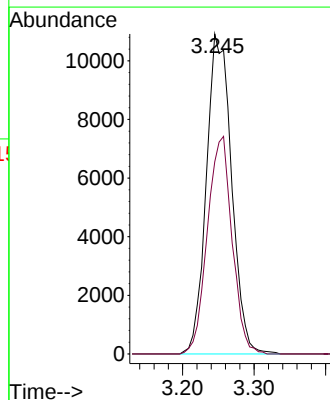
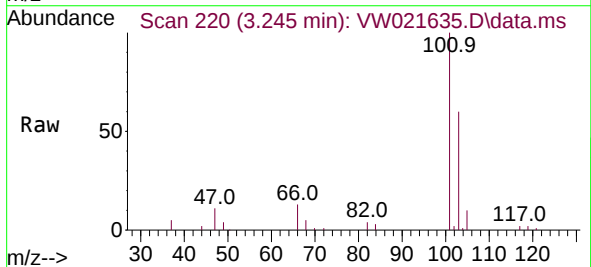
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MSVOA_W
ClientSampleId :

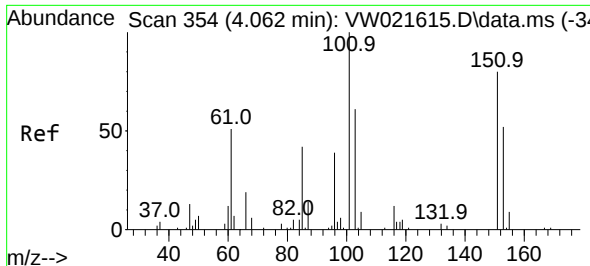
Tgt Ion: 64 Resp: 20702
Ion Ratio Lower Upper
64 100
66 30.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.189 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.012 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 101 Resp: 26704
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.2

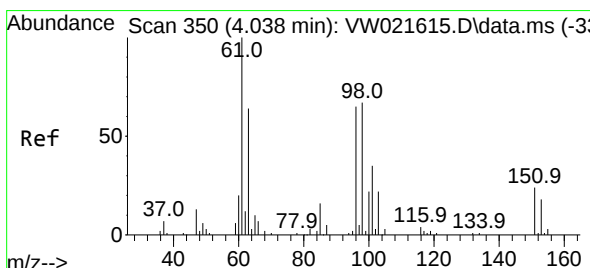
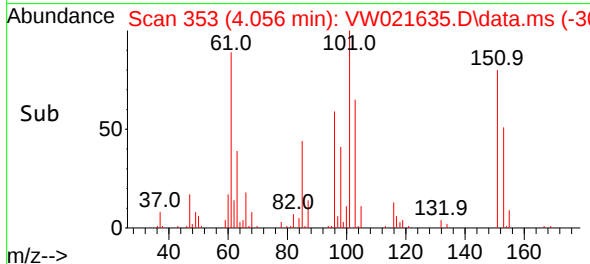
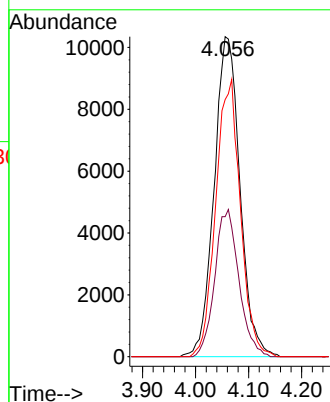
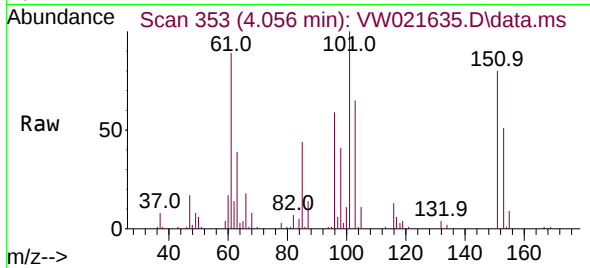




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.317 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW021635.D
 Acq: 24 Dec 2021 00:41

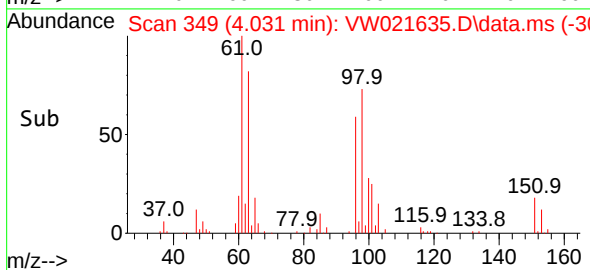
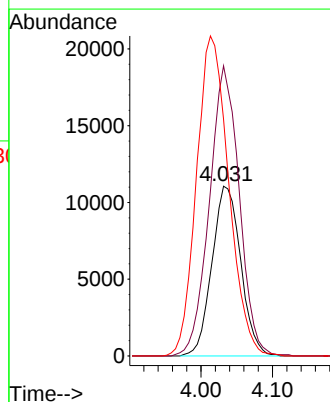
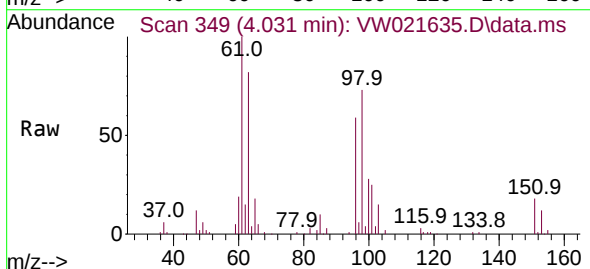
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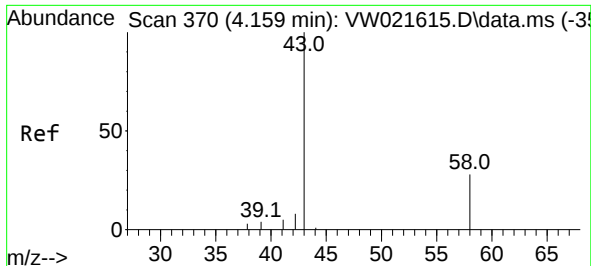
Tgt Ion:101 Resp: 35003
 Ion Ratio Lower Upper
 101 100
 85 43.1 36.6 54.8
 151 82.7 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.931 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW021635.D
 Acq: 24 Dec 2021 00:41

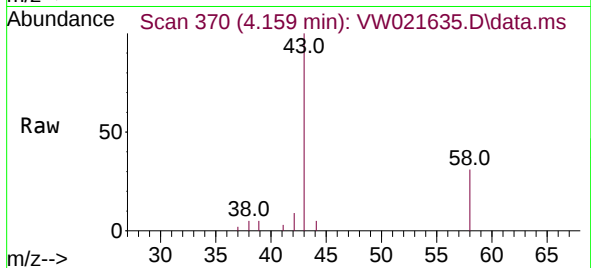
Tgt Ion: 96 Resp: 30877
 Ion Ratio Lower Upper
 96 100
 61 170.8 138.3 256.9
 63 139.4 82.6 153.4



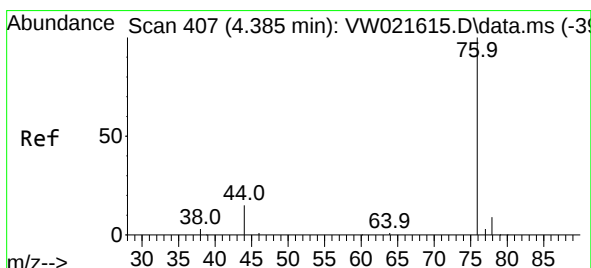
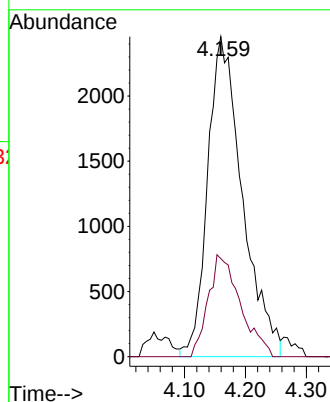
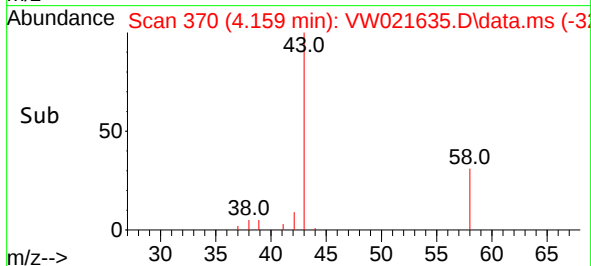


#13
Acetone
Concen: 37.156 ug/L
RT: 4.159 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

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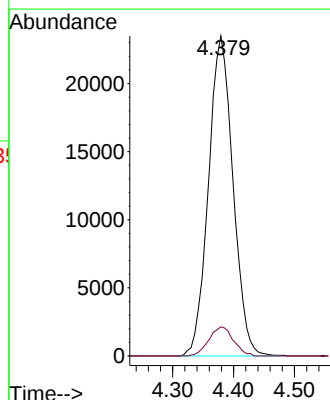
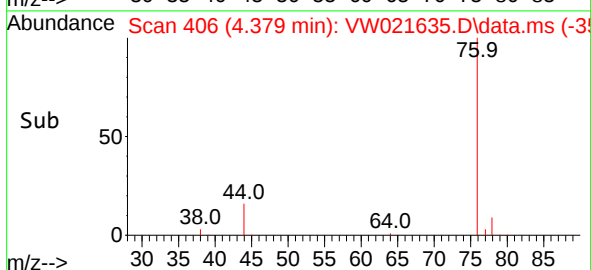
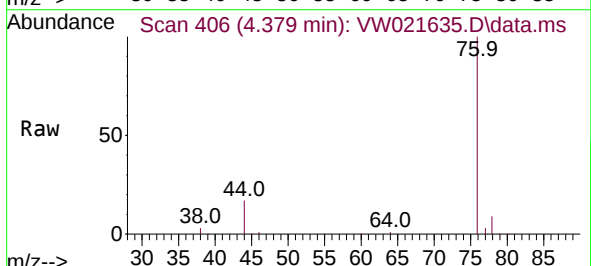


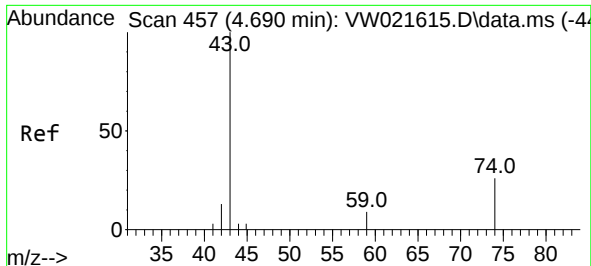
Tgt Ion: 43 Resp: 9713
Ion Ratio Lower Upper
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58 29.4 0.0 52.8



#14
Carbon disulfide
Concen: 18.087 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 76 Resp: 65762
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

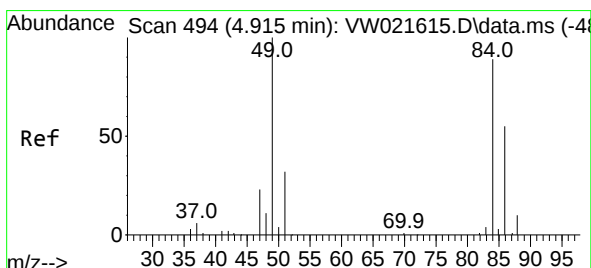
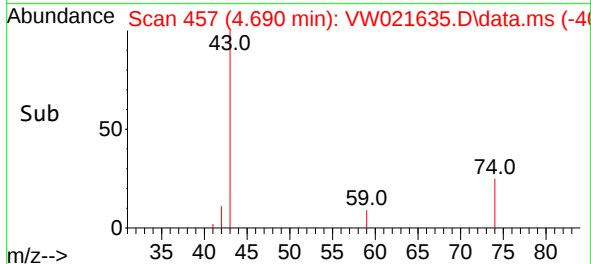
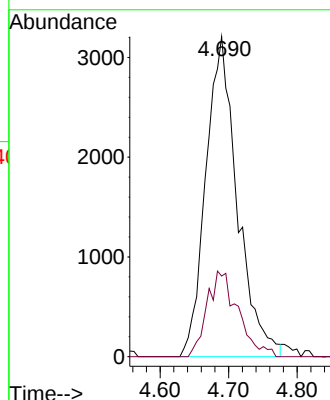
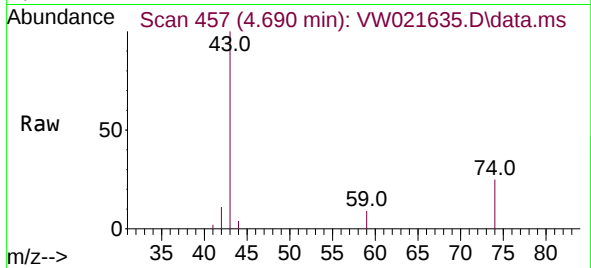




#15
Methyl Acetate
Concen: 22.727 ug/L
RT: 4.690 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

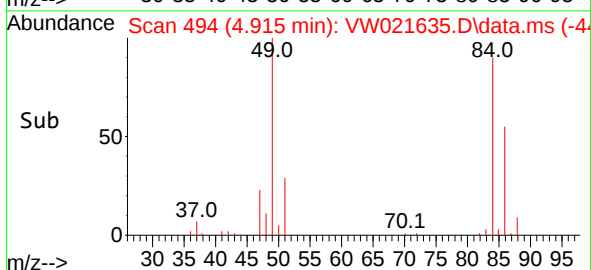
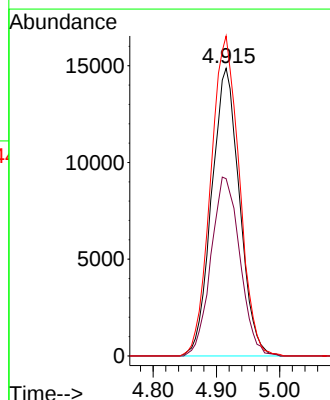
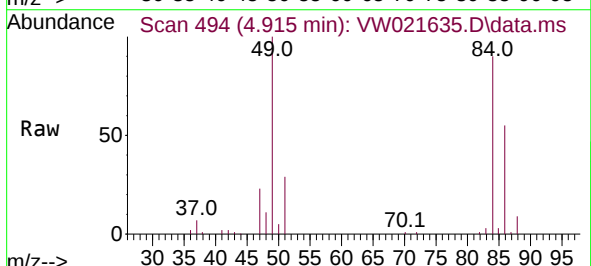
Instrument :
MSVOA_W
ClientSampleId :

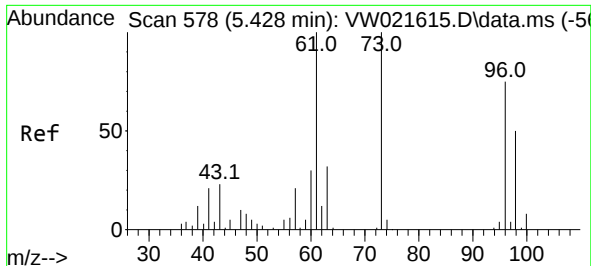
Tgt Ion: 43 Resp: 10251
Ion Ratio Lower Upper
43 100
74 18.3 16.4 24.6



#16
Methylene chloride
Concen: 24.197 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 84 Resp: 45414
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 111.3 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 21.770 ug/L

RT: 5.427 min Scan# 5

Delta R.T. -0.000 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

Instrument :

MSVOA_W

ClientSampleId :

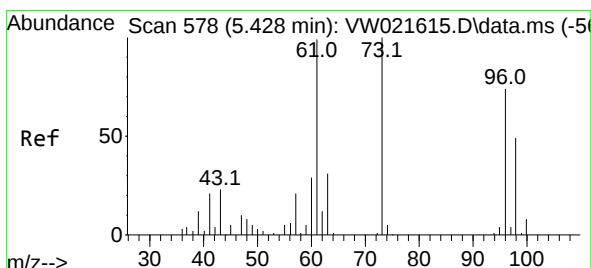
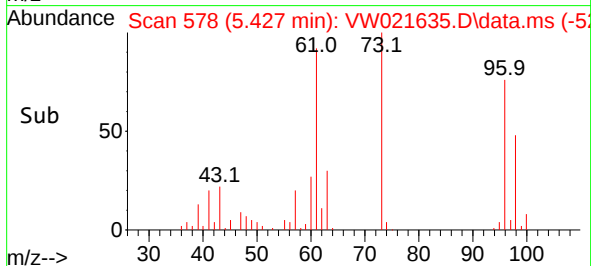
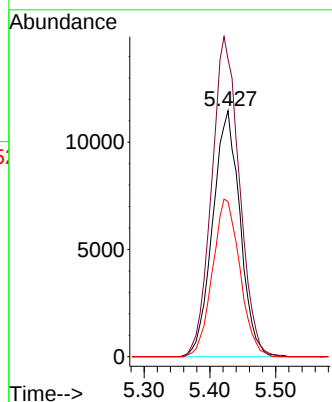
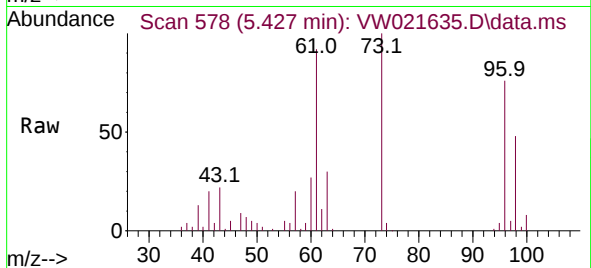
Tgt Ion: 96 Resp: 33187

Ion Ratio Lower Upper

96 100

61 120.9 107.4 199.4

98 63.1 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 25.255 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

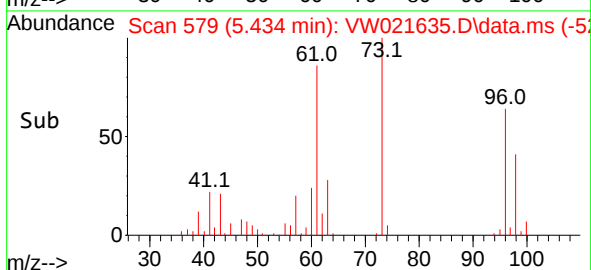
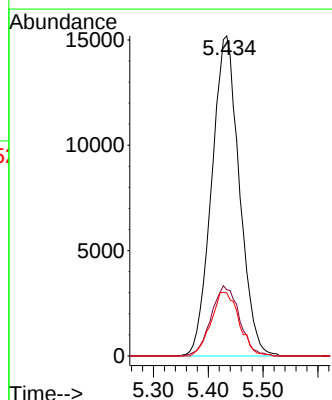
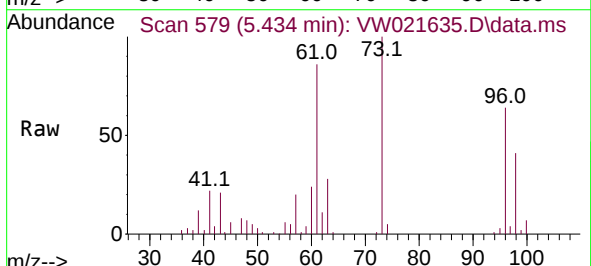
Tgt Ion: 73 Resp: 53174

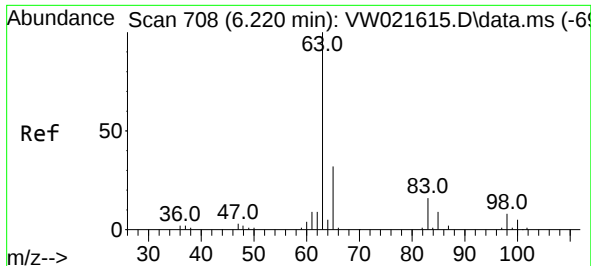
Ion Ratio Lower Upper

73 100

43 22.4 19.5 29.3

57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.352 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021635.D

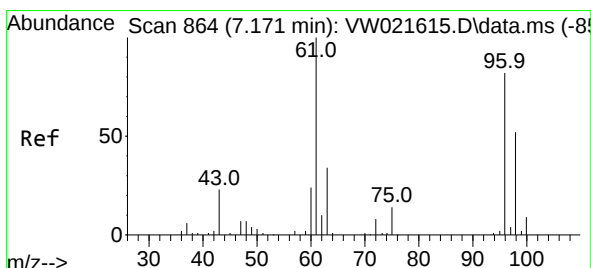
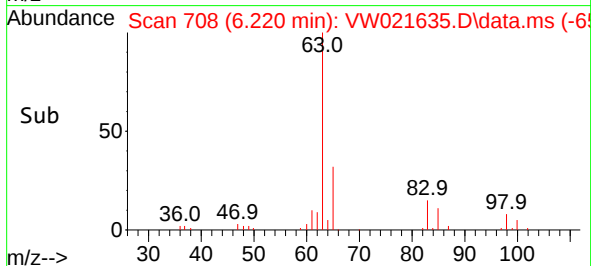
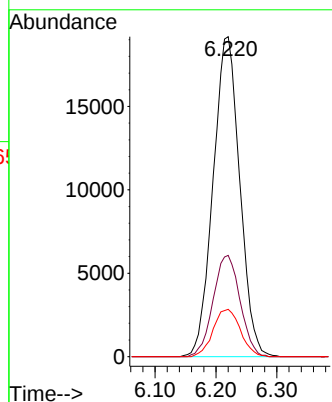
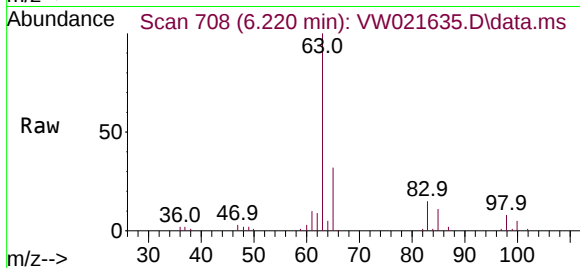
Acq: 24 Dec 2021 00:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	58255
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.1	41.1
83	14.8	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.136 ug/L

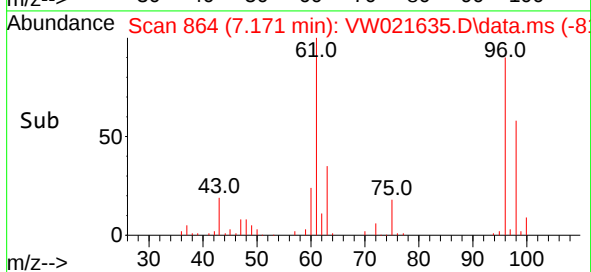
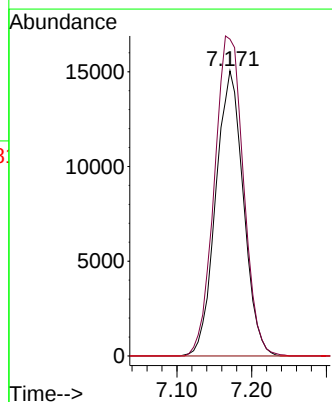
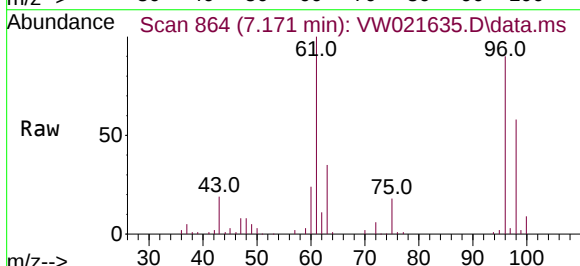
RT: 7.171 min Scan# 864

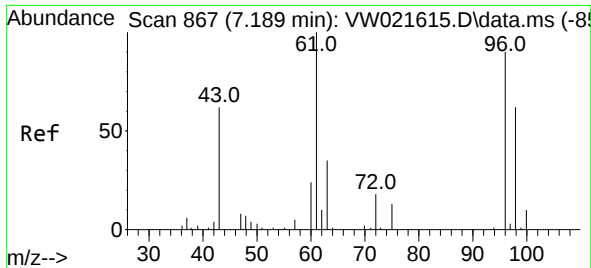
Delta R.T. -0.000 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

Tgt Ion:	96	Resp:	38809
Ion	Ratio	Lower	Upper
96	100		
61	111.1	103.7	192.7
68	0.0	0.0	0.0

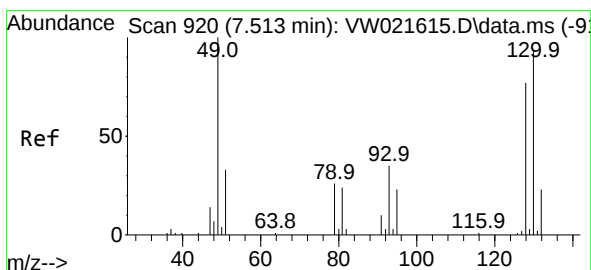
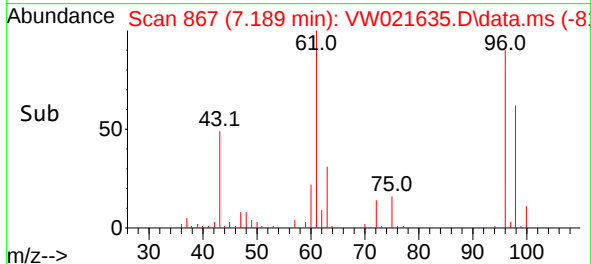
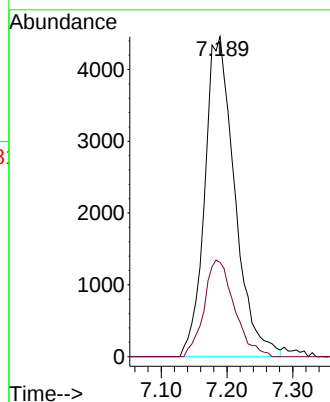
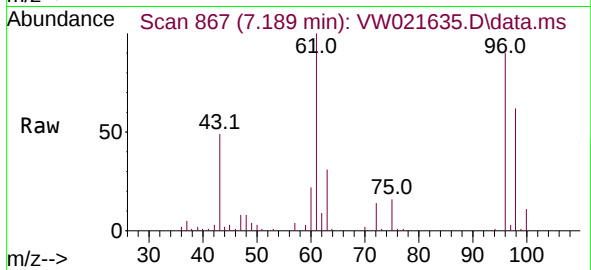




#22
2-Butanone
Concen: 41.413 ug/L
RT: 7.189 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

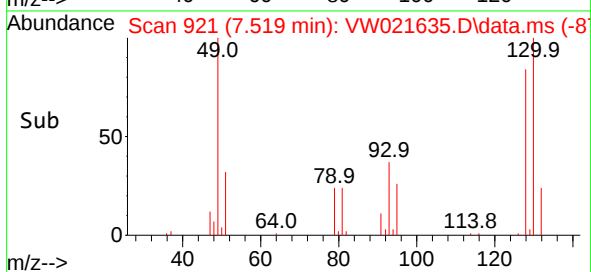
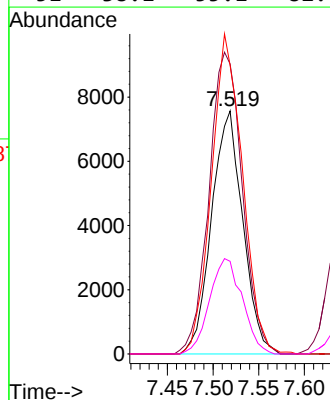
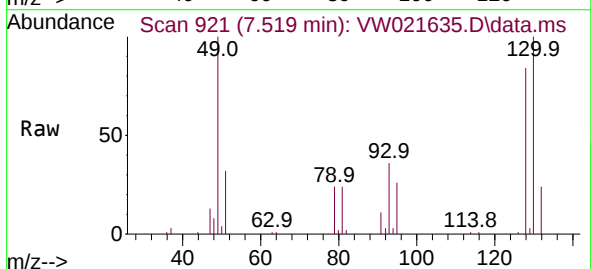
Instrument :
MSVOA_W
ClientSampleId :

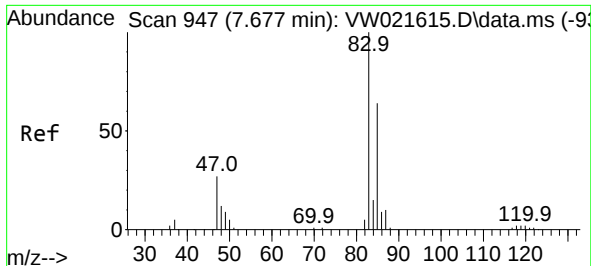
Tgt Ion: 43 Resp: 14138
Ion Ratio Lower Upper
43 100
72 29.5 11.8 35.4



#23
Bromochloromethane
Concen: 23.944 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 128 Resp: 18002
Ion Ratio Lower Upper
128 100
49 119.2 150.3 279.1#
130 118.7 88.3 163.9
51 38.1 55.1 82.7#

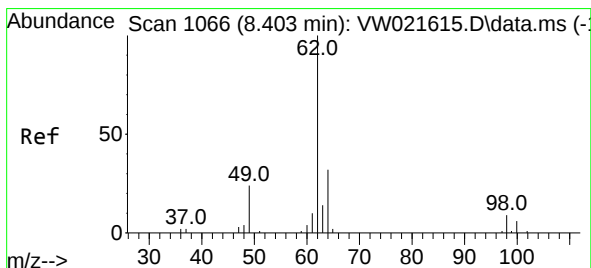
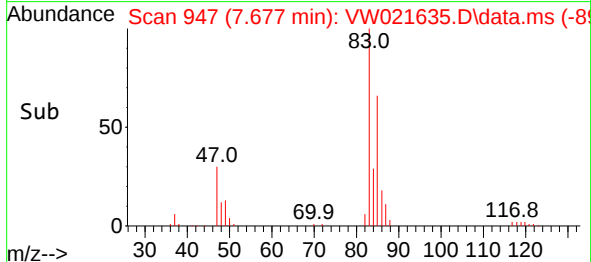
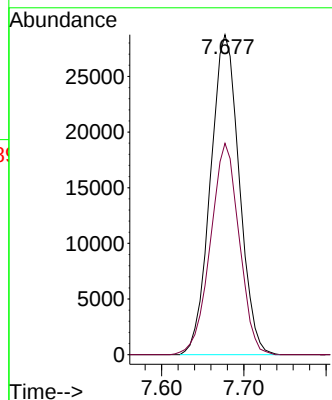
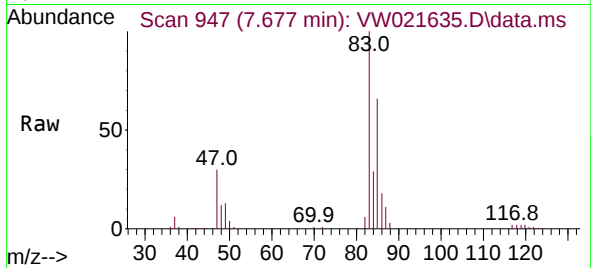




#25
Chloroform
Concen: 25.169 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

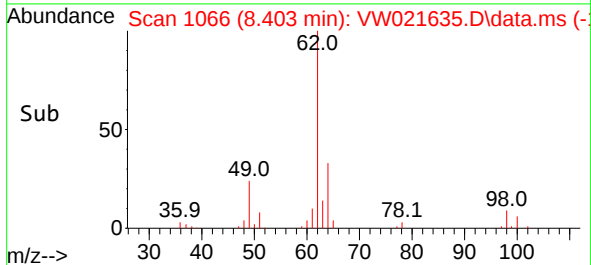
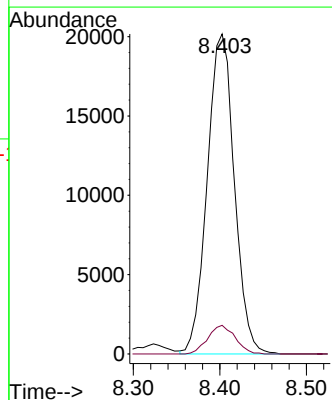
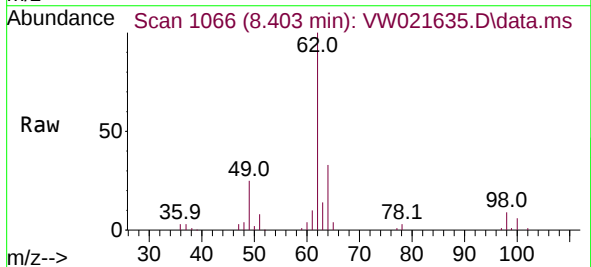
Instrument :
MSVOA_W
ClientSampleId :

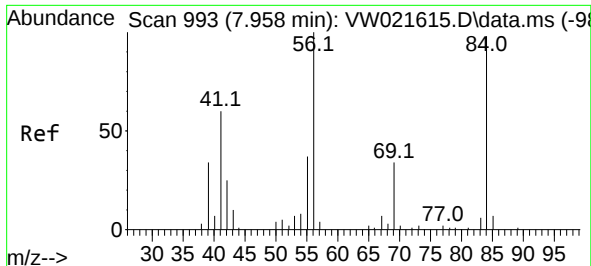
Tgt Ion: 83 Resp: 69894
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.941 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 62 Resp: 43860
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7





#29

Cyclohexane

Concen: 20.953 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

Instrument :

MSVOA_W

ClientSampleId :

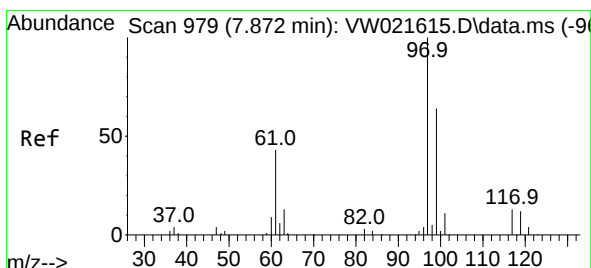
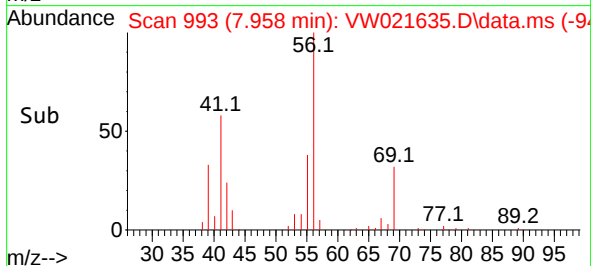
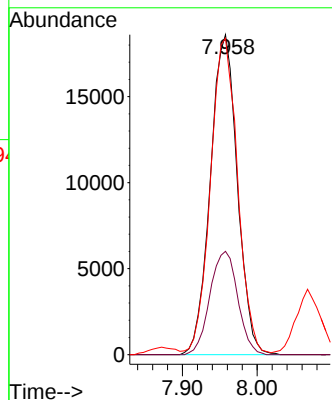
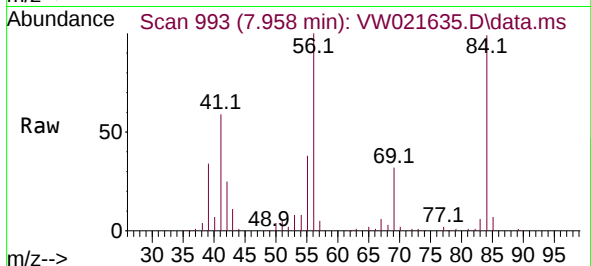
Tgt Ion: 56 Resp: 46681

Ion Ratio Lower Upper

56 100

69 33.2 23.5 35.3

84 99.8 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 24.120 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

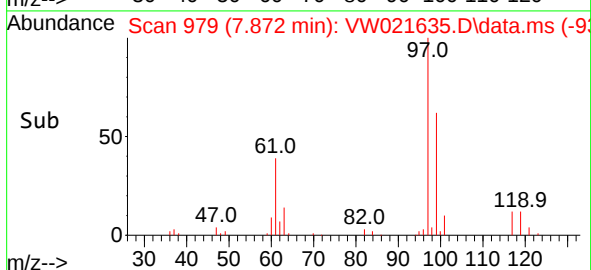
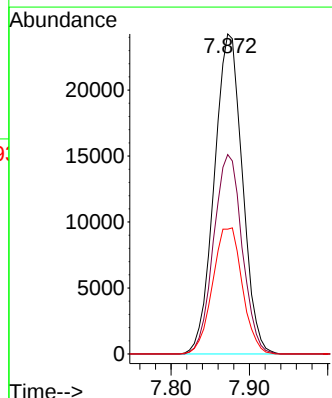
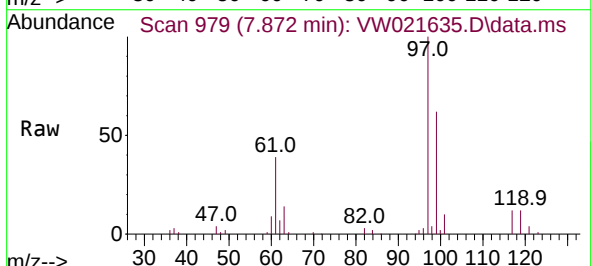
Tgt Ion: 97 Resp: 60575

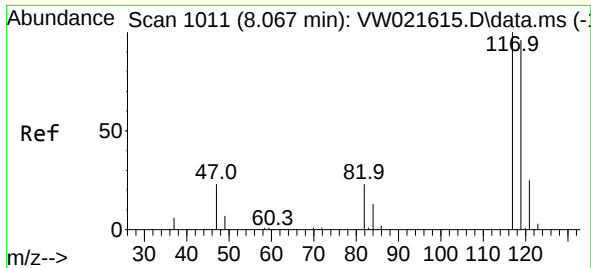
Ion Ratio Lower Upper

97 100

99 63.3 51.6 77.4

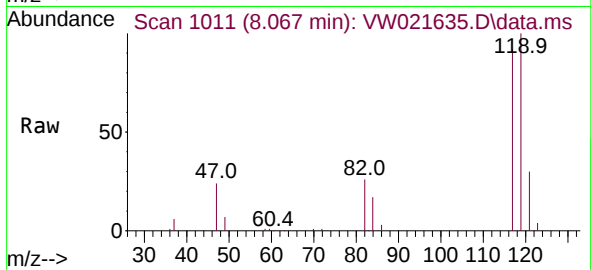
61 41.7 40.9 61.3



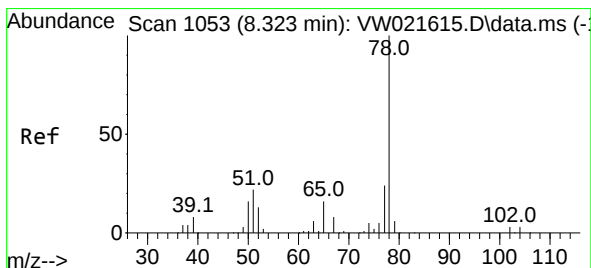
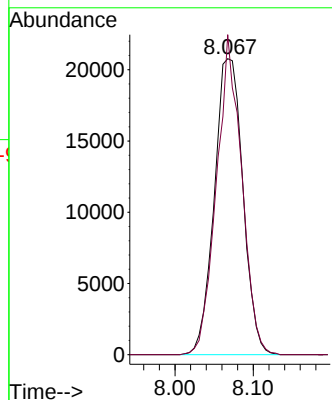
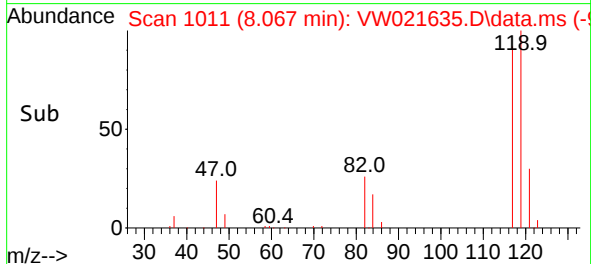


#31
Carbon tetrachloride
Concen: 22.766 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Instrument :
MSVOA_W
ClientSampleId :

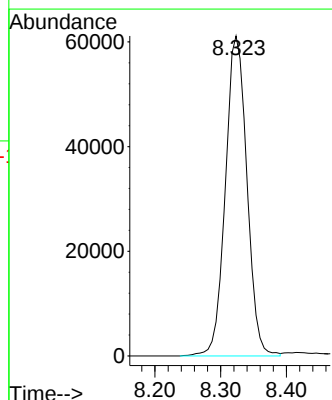
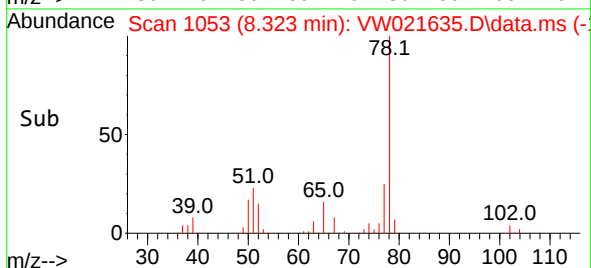
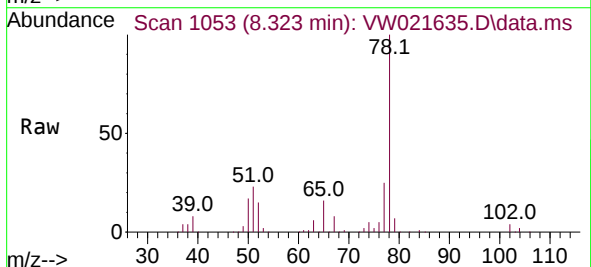


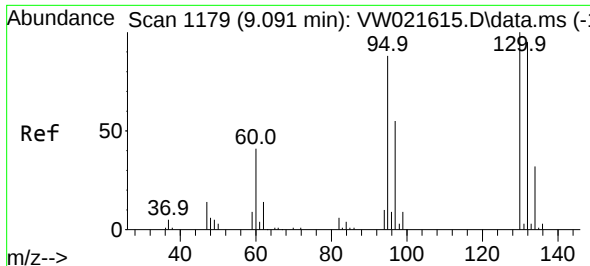
Tgt Ion:117 Resp: 52744
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5



#33
Benzene
Concen: 22.834 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

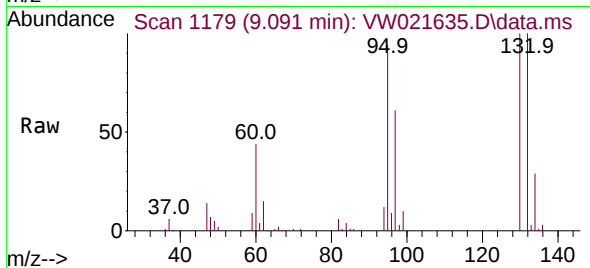
Tgt Ion: 78 Resp: 139231



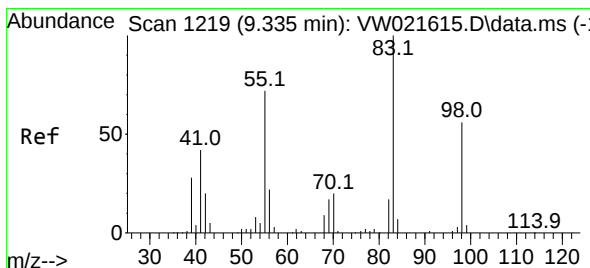
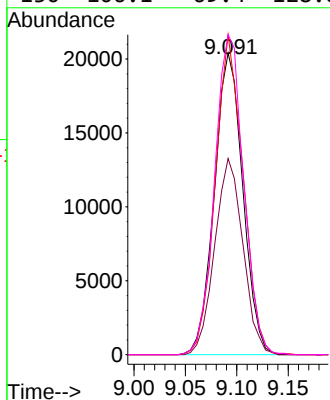
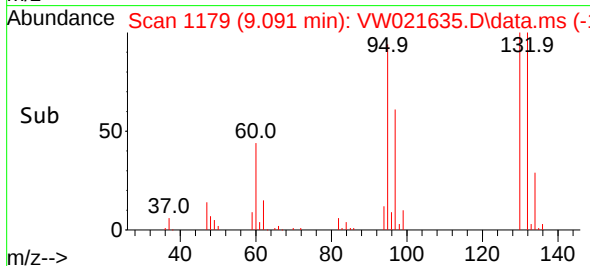


#34
Trichloroethene
Concen: 22.919 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

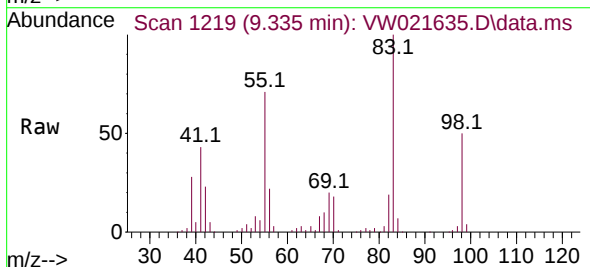
Instrument :
MSVOA_W
ClientSampleId :



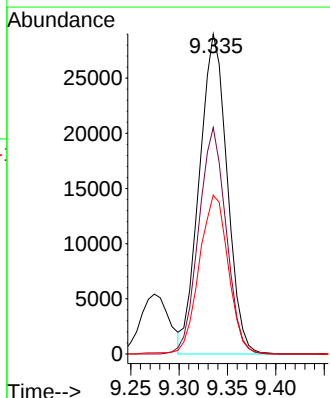
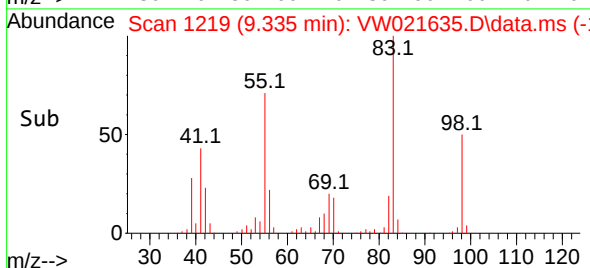
Tgt Ion: 95 Resp: 39229
Ion Ratio Lower Upper
95 100
97 65.0 47.0 87.2
132 106.0 65.5 121.6
130 106.1 69.4 128.8

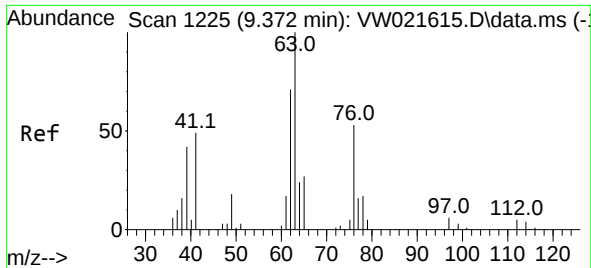


#35
Methylcyclohexane
Concen: 20.531 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41



Tgt Ion: 83 Resp: 57968
Ion Ratio Lower Upper
83 100
55 69.8 70.8 106.2#
98 52.0 37.7 56.5

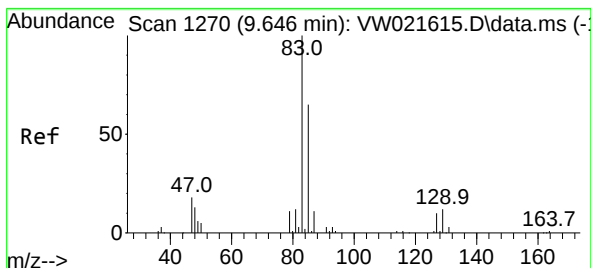
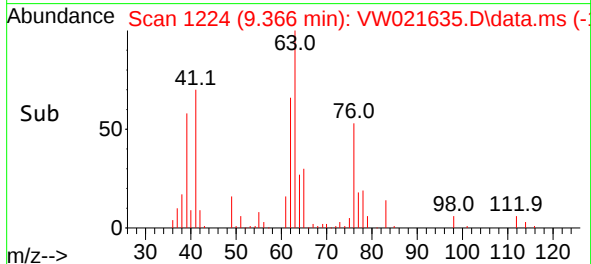
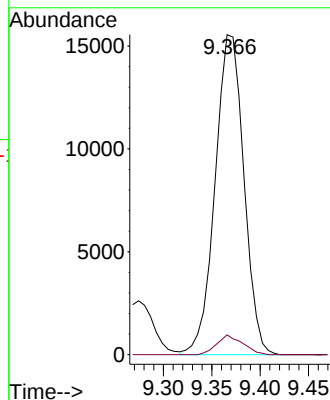
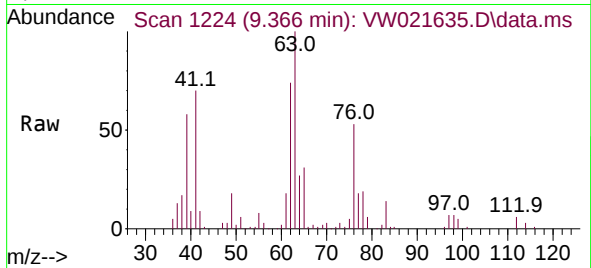




#37
1,2-Dichloropropane
Concen: 23.663 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

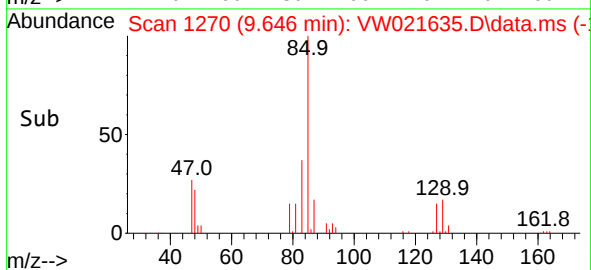
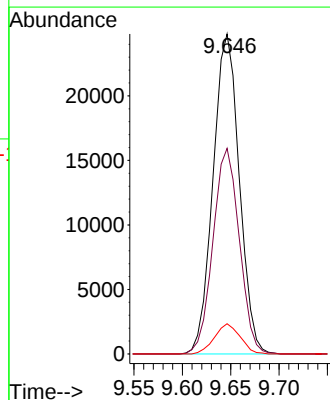
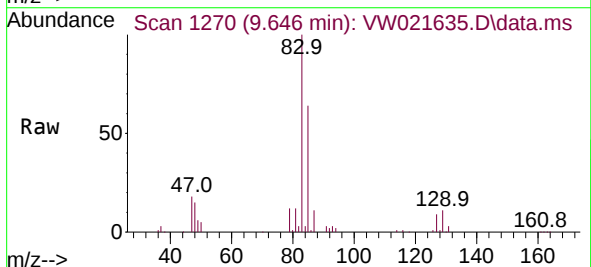
Instrument :
MSVOA_W
ClientSampleId :

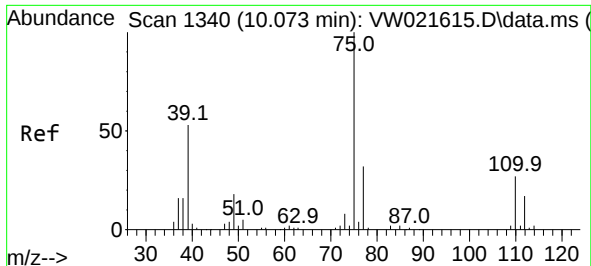
Tgt Ion: 63 Resp: 32184
Ion Ratio Lower Upper
63 100
112 5.5 3.2 4.8#



#38
Bromodichloromethane
Concen: 25.018 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 83 Resp: 46784
Ion Ratio Lower Upper
83 100
85 64.3 44.1 81.9
127 9.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.408 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

Instrument :

MSVOA_W

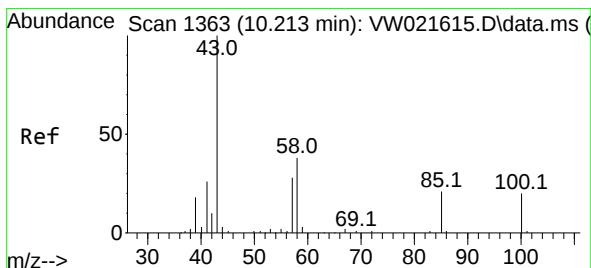
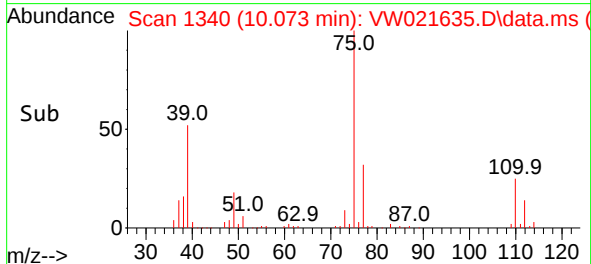
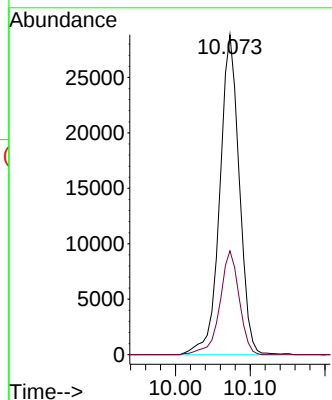
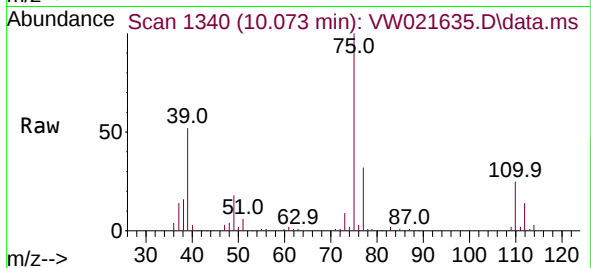
ClientSampleId :

Tgt Ion: 75 Resp: 52330

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.792 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

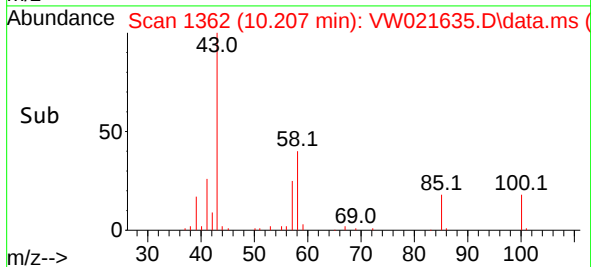
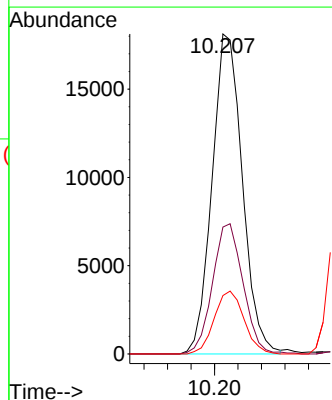
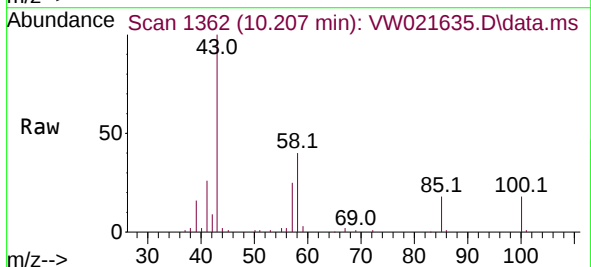
Tgt Ion: 43 Resp: 32453

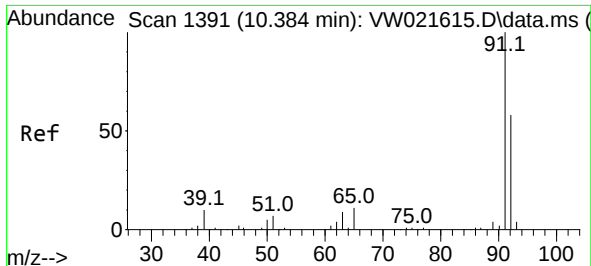
Ion Ratio Lower Upper

43 100

58 40.9 28.8 43.2

100 19.4 10.0 15.0#

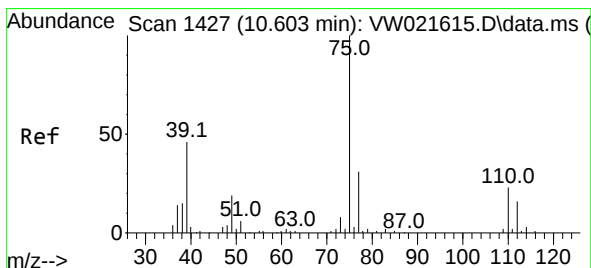
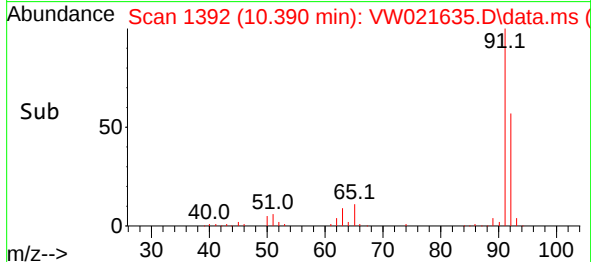
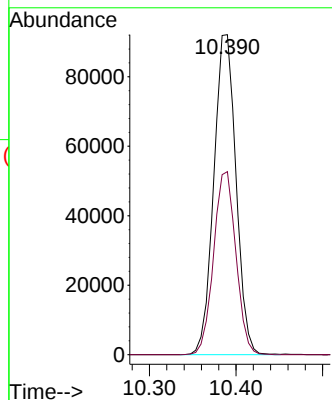
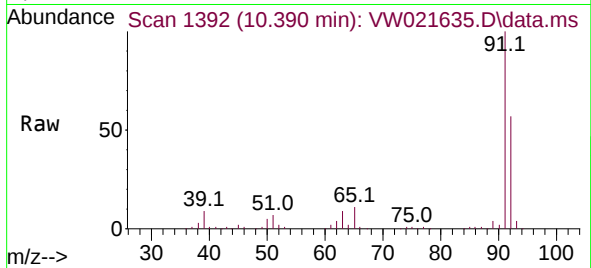




#42
Toluene
Concen: 23.017 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

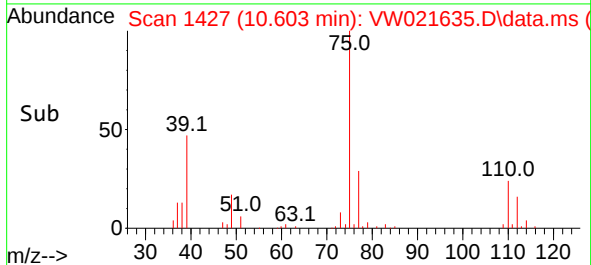
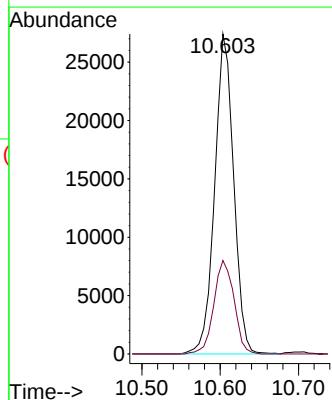
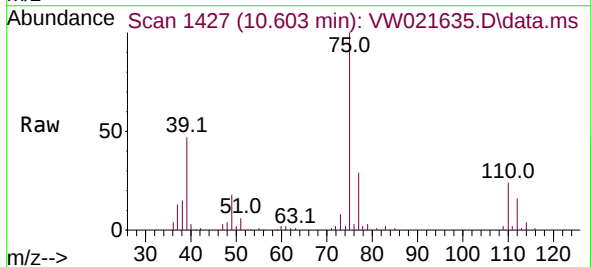
Instrument :
MSVOA_W
ClientSampleId :

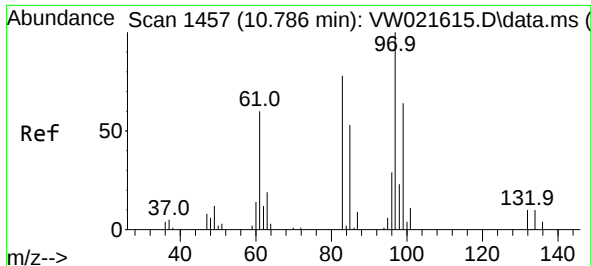
Tgt Ion: 91 Resp: 164141
Ion Ratio Lower Upper
91 100
92 57.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.622 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

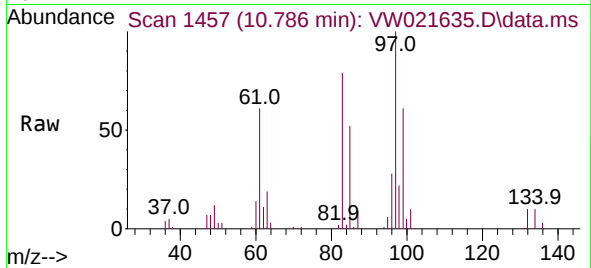
Tgt Ion: 75 Resp: 46237
Ion Ratio Lower Upper
75 100
77 29.2 22.2 41.2





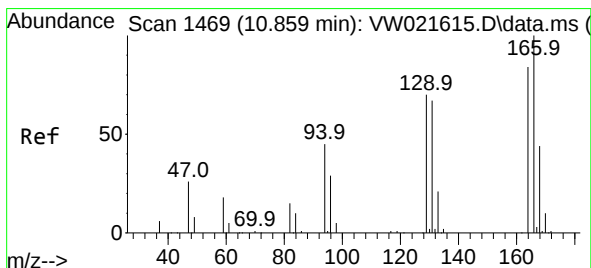
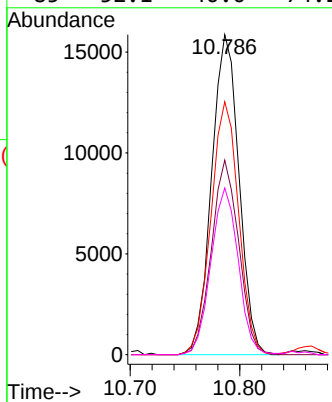
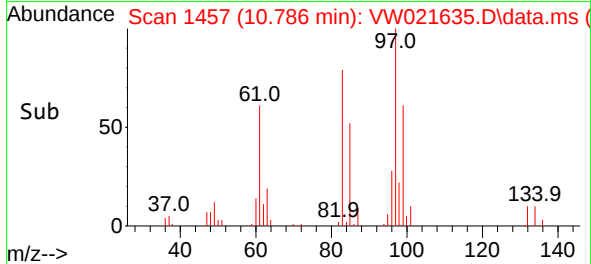
#45
1,1,2-Trichloroethane
Concen: 24.723 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Instrument :
MSVOA_W
ClientSampleId :

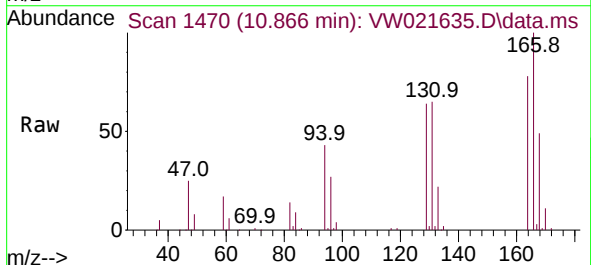


Tgt Ion: 97 Resp: 27522

Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.0	79.8
83	79.0	62.6	116.3
85	52.1	40.0	74.2

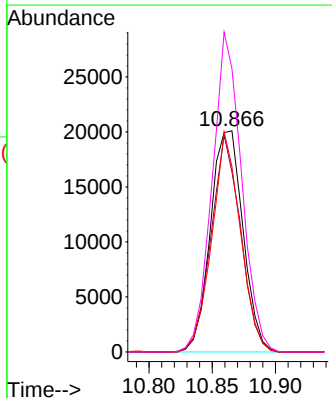
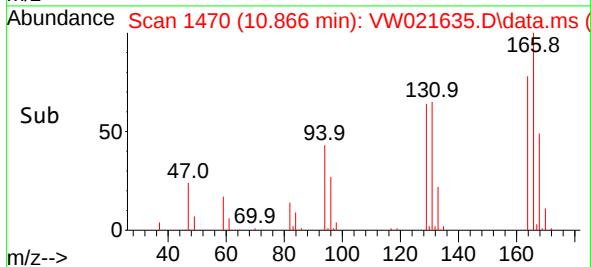


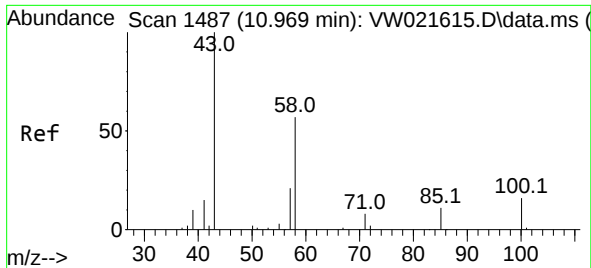
#46
Tetrachloroethene
Concen: 22.122 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41



Tgt Ion: 164 Resp: 35970

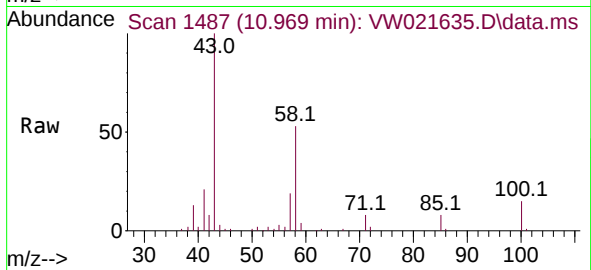
Ion	Ratio	Lower	Upper
164	100		
129	81.4	65.5	121.7
131	83.8	59.7	110.9
166	128.0	88.7	164.7



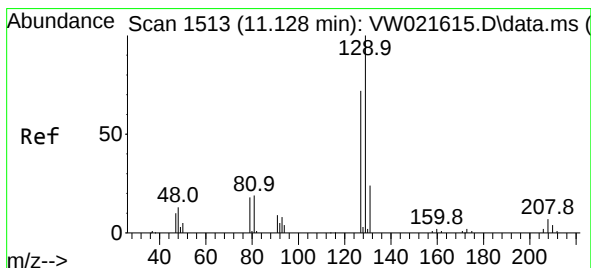
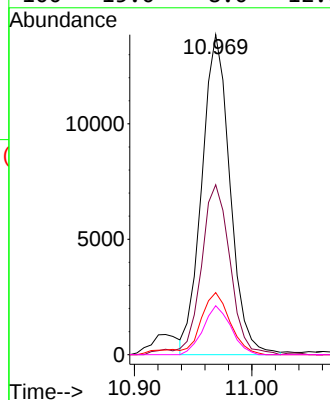
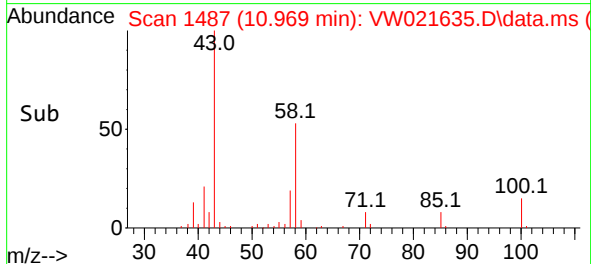


#48
2-Hexanone
Concen: 43.076 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Instrument :
MSVOA_W
ClientSampleId :

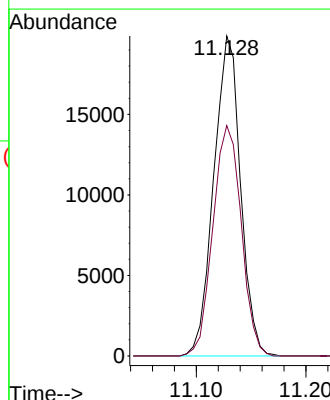
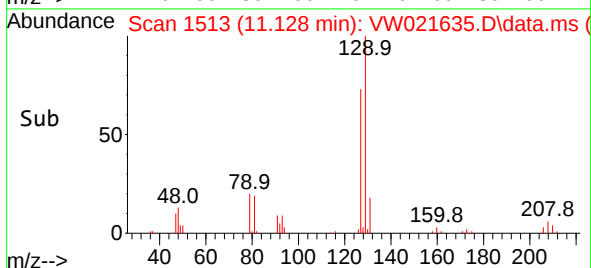
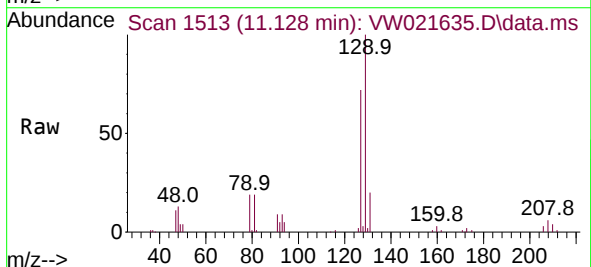


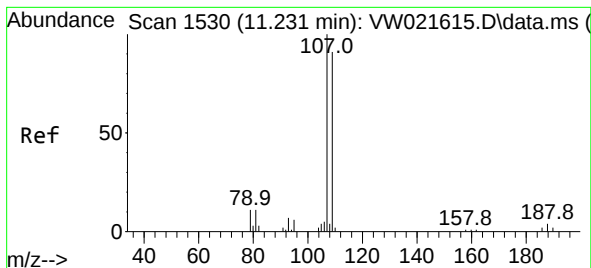
Tgt Ion: 43 Resp: 23150
Ion Ratio Lower Upper
43 100
58 53.6 40.2 60.2
57 19.7 14.3 21.5
100 15.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.574 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 129 Resp: 33724
Ion Ratio Lower Upper
129 100
127 72.0 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.461 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

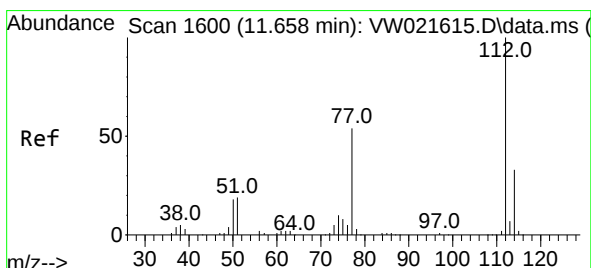
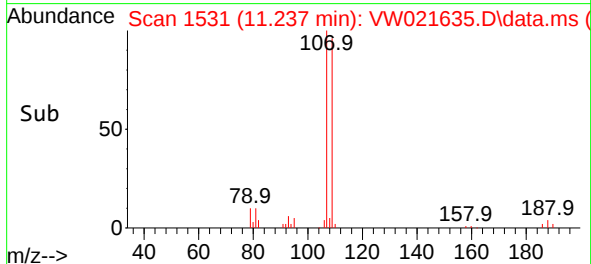
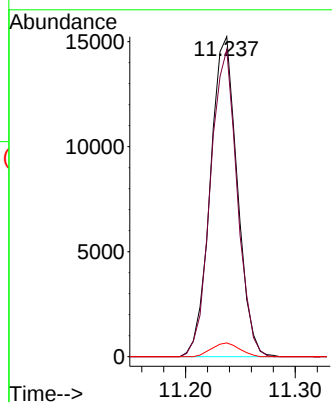
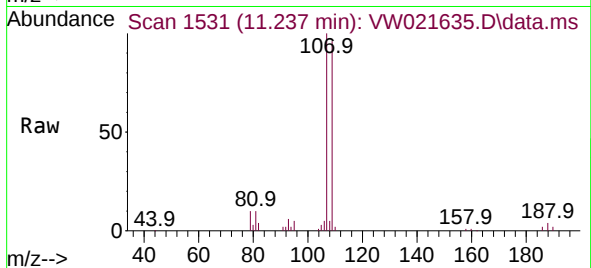
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107 Resp: 25991

Ion	Ratio	Lower	Upper
107	100		
109	96.0	64.1	119.1
188	4.3	2.6	3.8#



#51

Chlorobenzene

Concen: 23.148 ug/L

RT: 11.658 min Scan# 1600

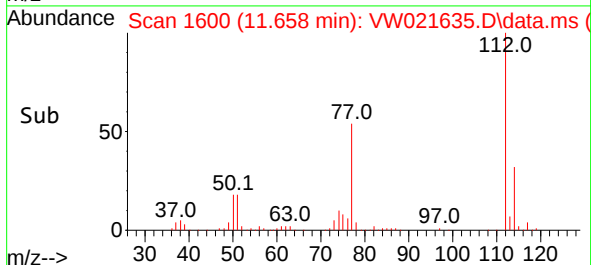
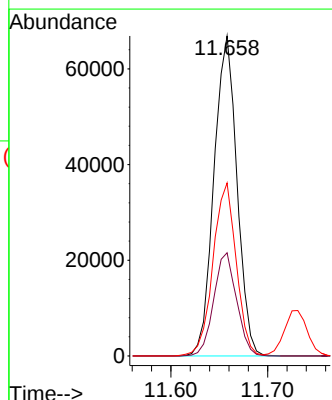
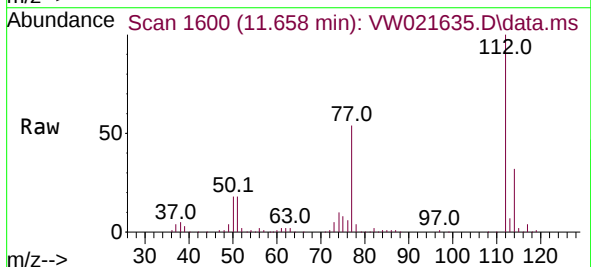
Delta R.T. -0.000 min

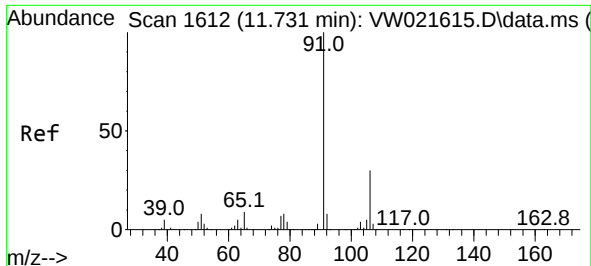
Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

Tgt Ion:112 Resp: 110517

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.4	41.6
77	54.0	50.2	75.4

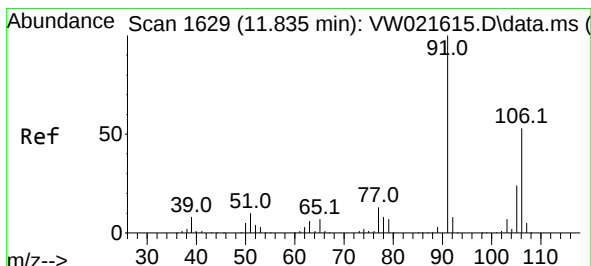
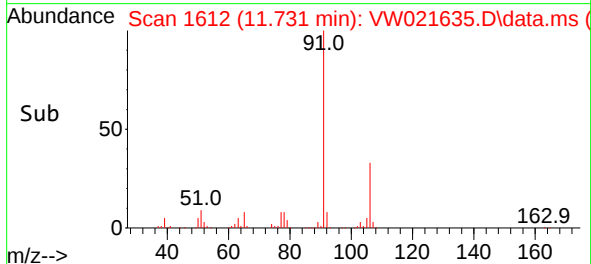
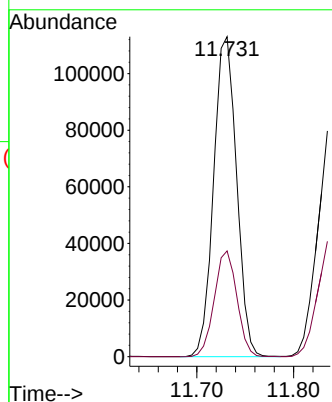
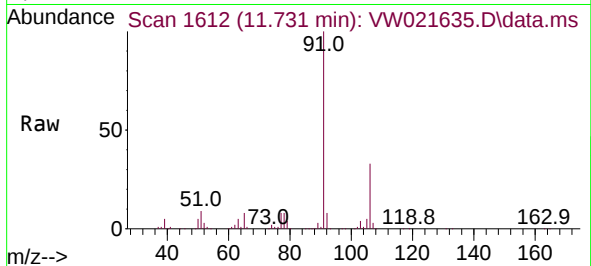




#52
Ethylbenzene
Concen: 22.857 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

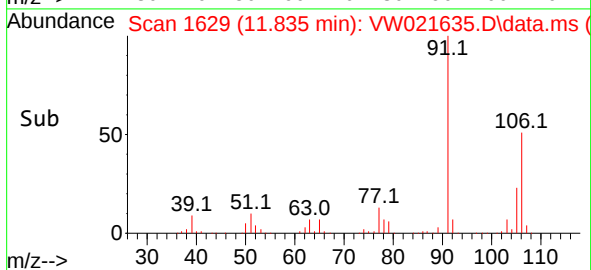
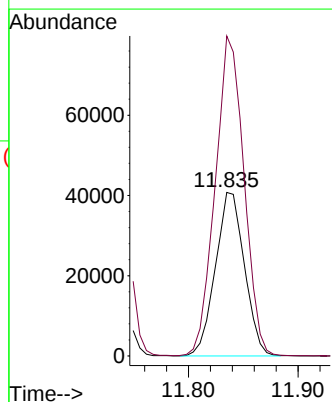
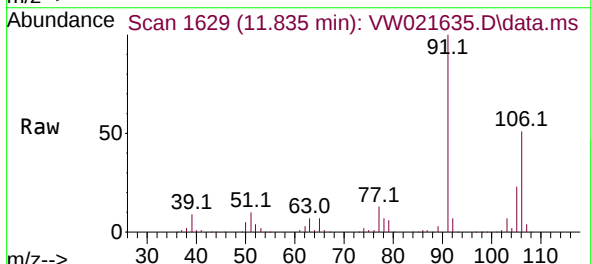
Instrument :
MSVOA_W
ClientSampleId :

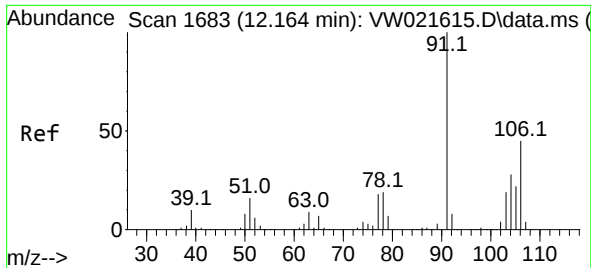
Tgt Ion: 91 Resp: 186271
Ion Ratio Lower Upper
91 100
106 33.1 21.5 39.9



#53
m,p-Xylene
Concen: 22.810 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion:106 Resp: 74988
Ion Ratio Lower Upper
106 100
91 195.6 149.9 278.3

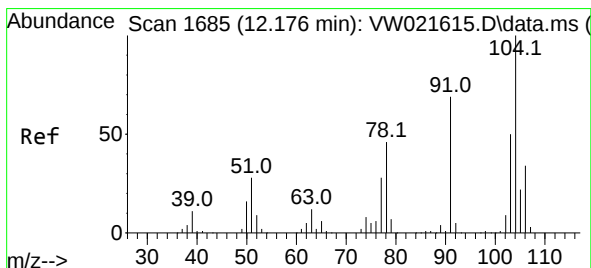
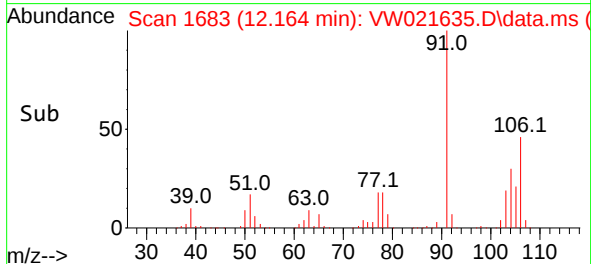
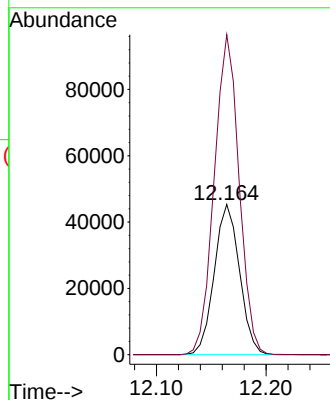
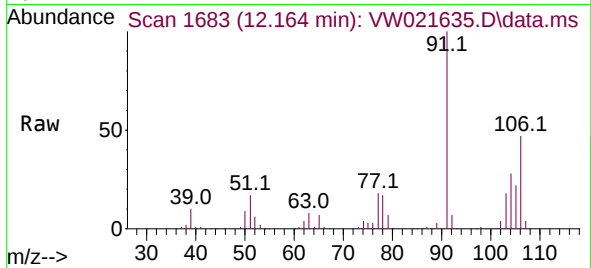




#54
o-Xylene
Concen: 23.228 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

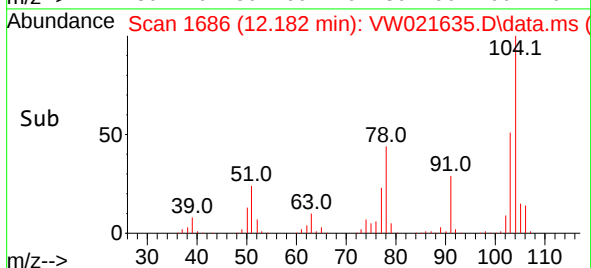
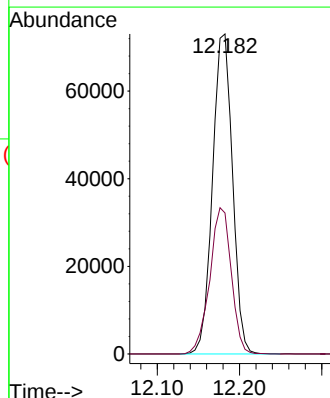
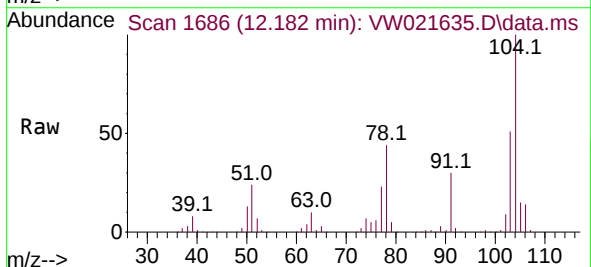
Instrument :
MSVOA_W
ClientSampleId :

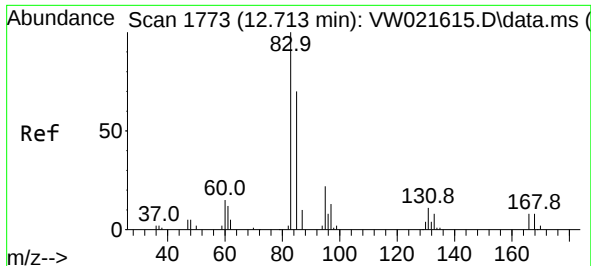
Tgt Ion:106 Resp: 72472
Ion Ratio Lower Upper
106 100
91 213.1 153.6 285.3



#55
Styrene
Concen: 23.217 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion:104 Resp: 123280
Ion Ratio Lower Upper
104 100
78 44.1 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 23.170 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021635.D

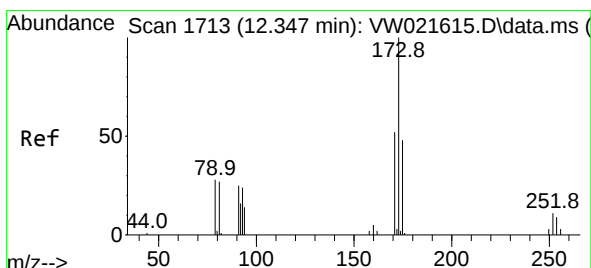
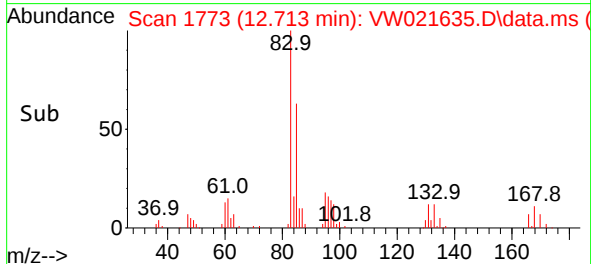
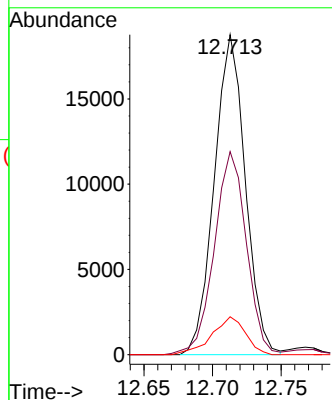
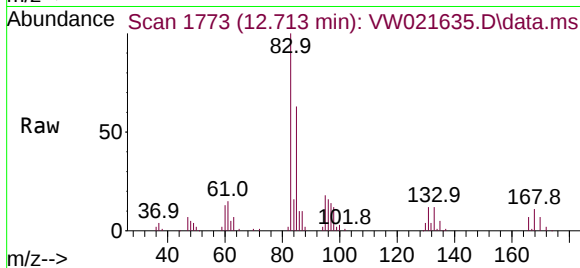
Acq: 24 Dec 2021 00:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	29567
Ion Ratio	Lower	Upper	
83	100		
85	63.4	44.0	81.6
131	11.9	6.9	10.3#



#59

Bromoform

Concen: 22.841 ug/L

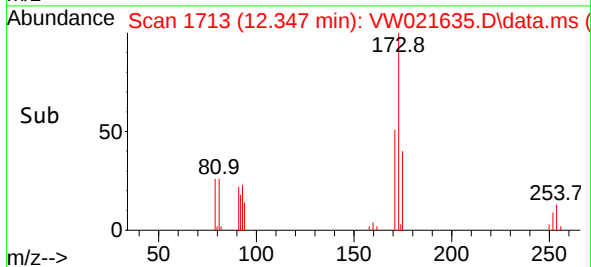
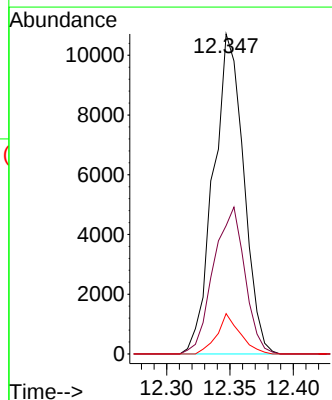
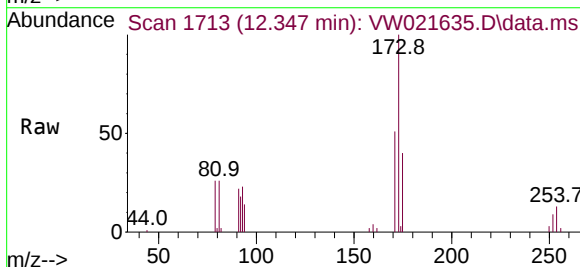
RT: 12.347 min Scan# 1713

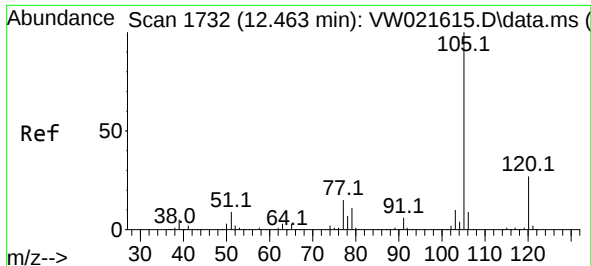
Delta R.T. -0.000 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

Tgt Ion:	173	Resp:	17793
Ion Ratio	Lower	Upper	
173	100		
175	47.7	39.6	59.4
254	9.6	7.4	11.0

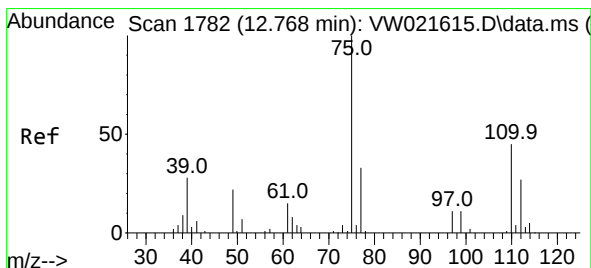
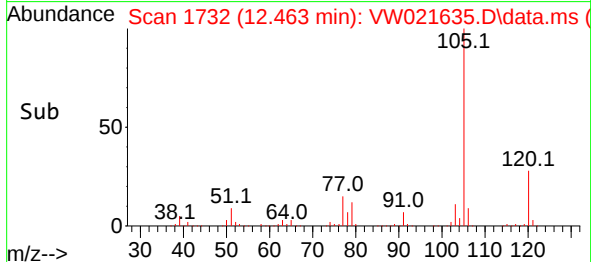
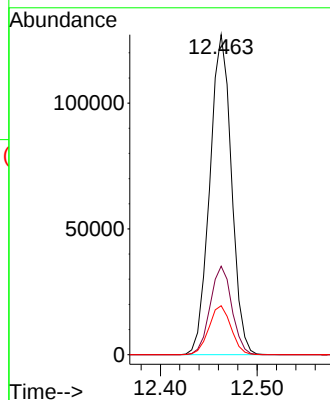
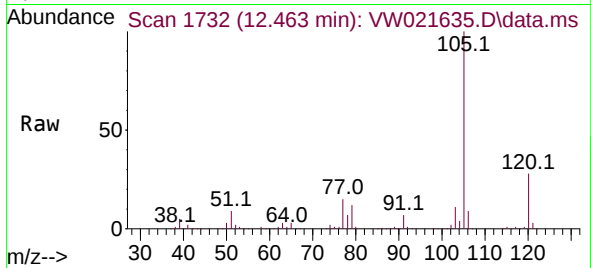




#60
Isopropylbenzene
Concen: 22.290 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

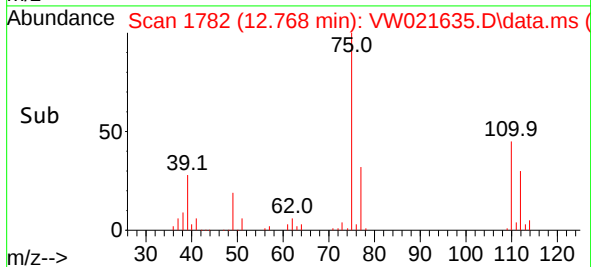
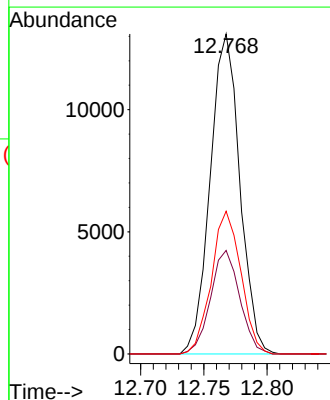
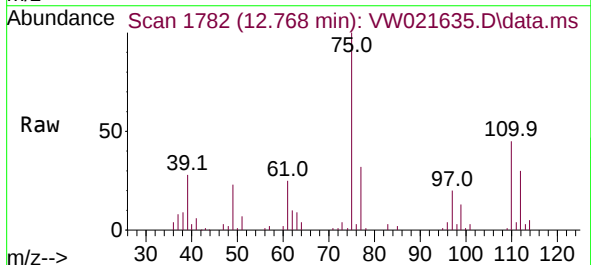
Instrument :
MSVOA_W
ClientSampleId :

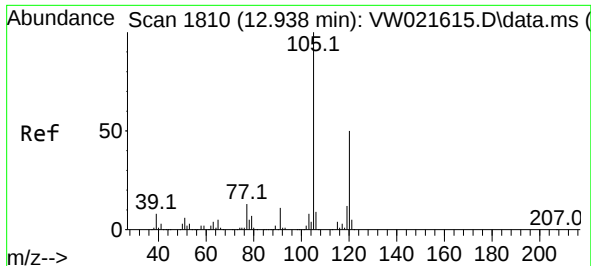
Tgt Ion:105 Resp: 198299
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 22.396 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion: 75 Resp: 21340
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
110 44.3 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.215 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

Instrument :

MSVOA_W

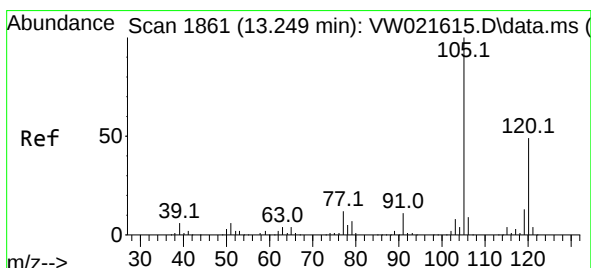
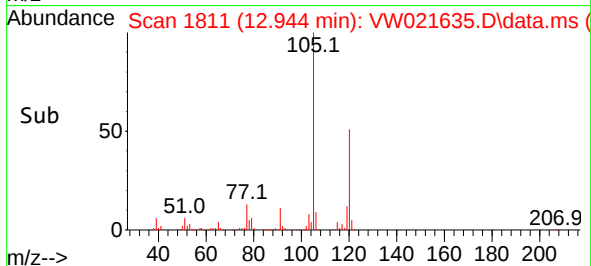
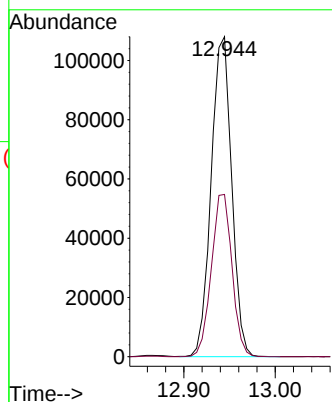
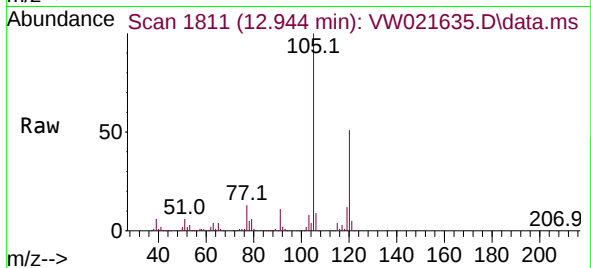
ClientSampleId :

Tgt Ion:105 Resp: 168171

Ion Ratio Lower Upper

105 100

120 51.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.092 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021635.D

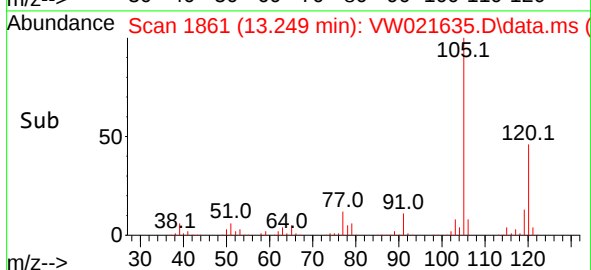
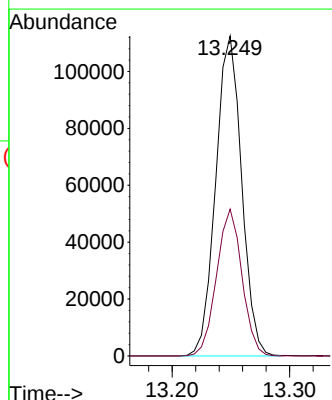
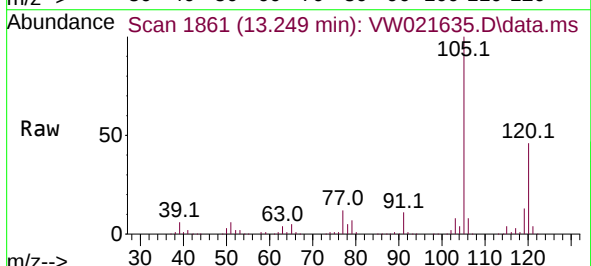
Acq: 24 Dec 2021 00:41

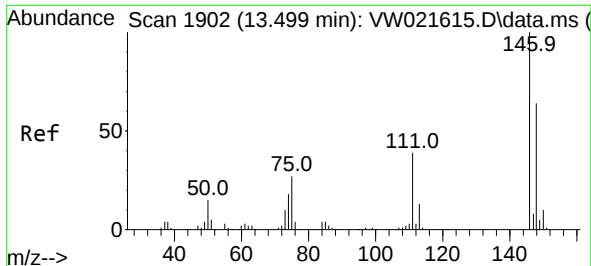
Tgt Ion:105 Resp: 172448

Ion Ratio Lower Upper

105 100

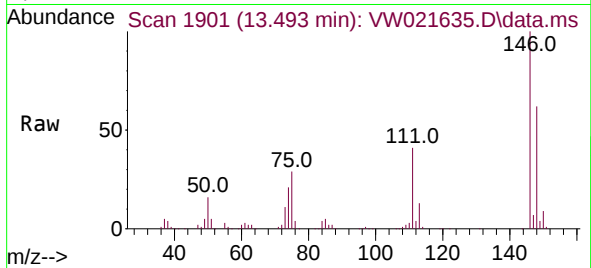
120 44.9 35.0 52.6



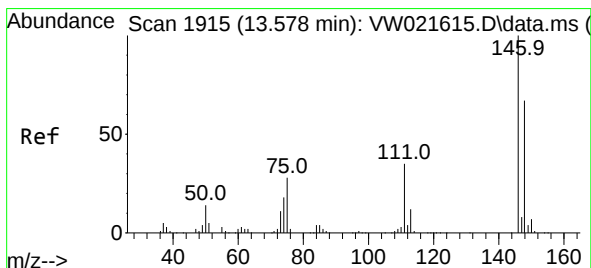
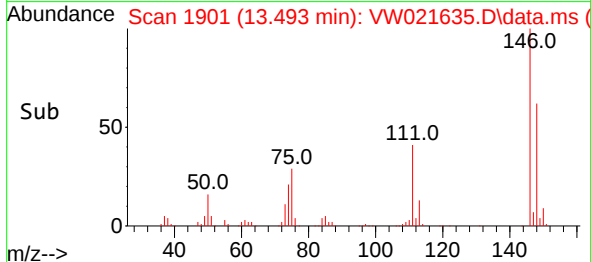
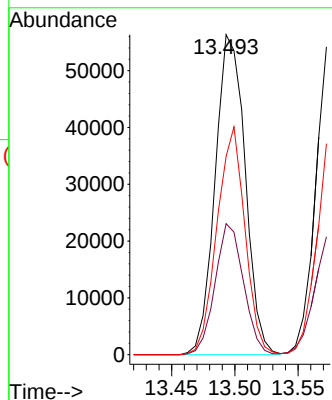


#64
1,3-Dichlorobenzene
Concen: 22.126 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Instrument :
MSVOA_W
ClientSampleId :

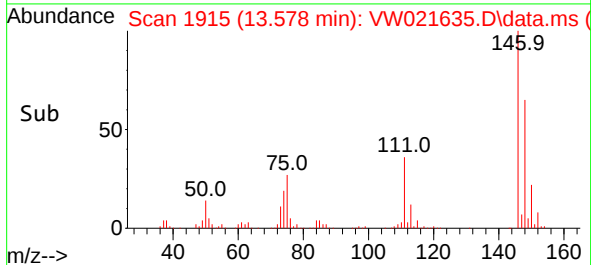
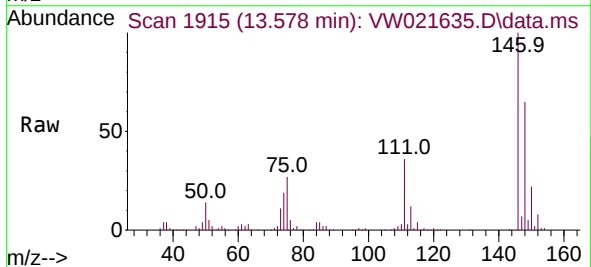
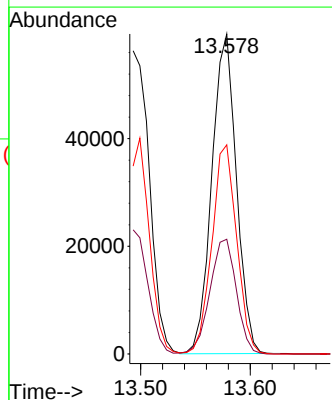


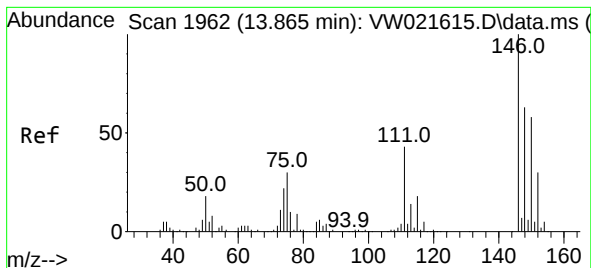
Tgt Ion:146 Resp: 92843
Ion Ratio Lower Upper
146 100
111 40.9 29.8 55.3
148 61.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.210 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion:146 Resp: 92593
Ion Ratio Lower Upper
146 100
111 35.8 29.0 53.9
148 65.3 46.9 87.1

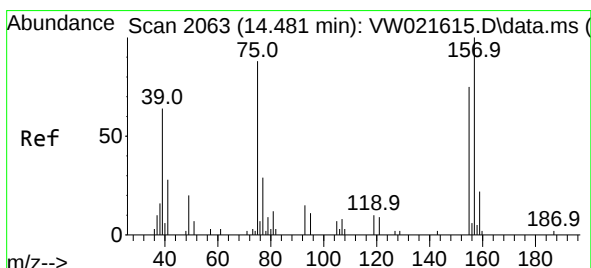
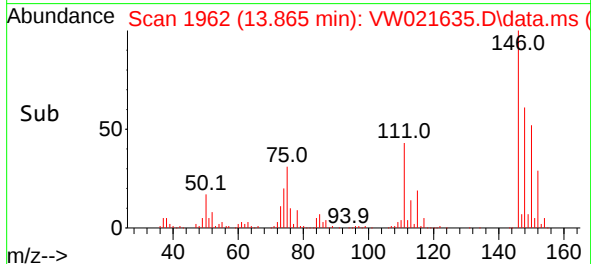
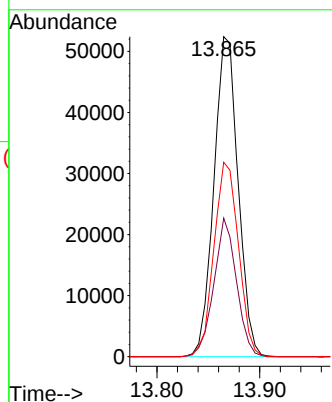
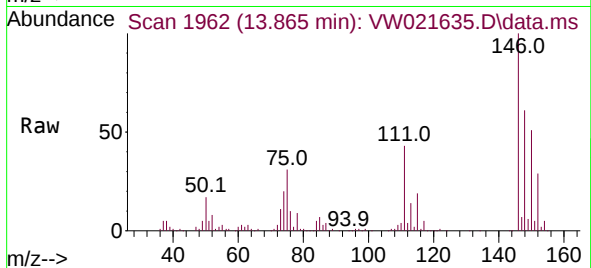




#67
1,2-Dichlorobenzene
Concen: 23.228 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

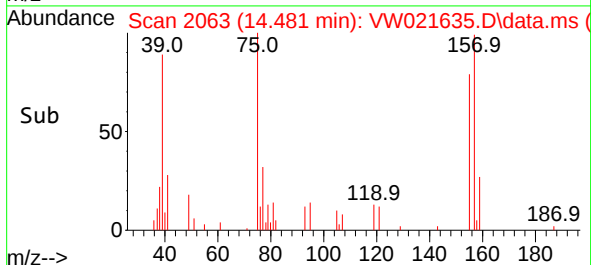
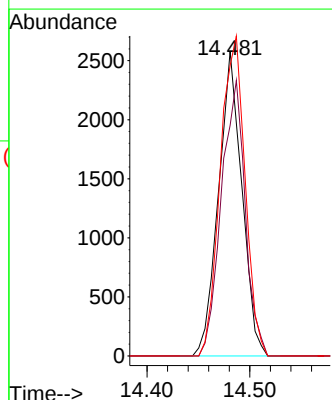
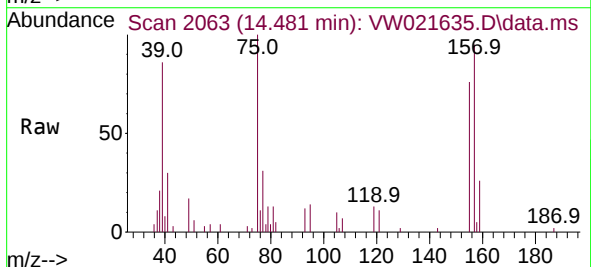
Instrument :
MSVOA_W
ClientSampleId :

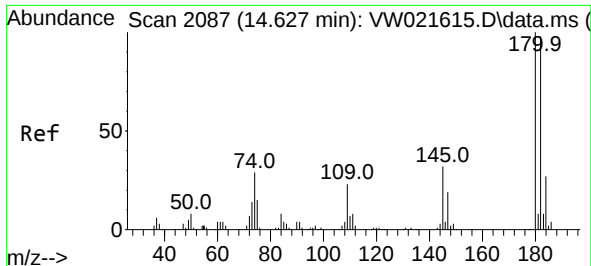
Tgt Ion:146 Resp: 85809
Ion Ratio Lower Upper
146 100
111 43.3 33.1 49.7
148 60.8 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 20.657 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

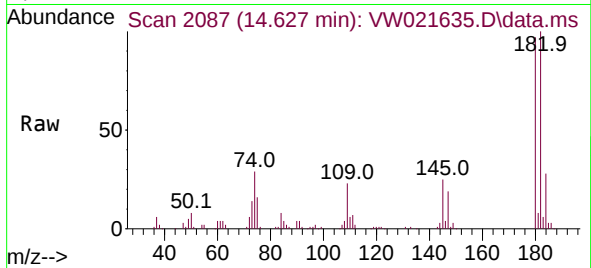
Tgt Ion: 75 Resp: 4060
Ion Ratio Lower Upper
75 100
155 75.6 54.2 81.2
157 95.2 69.4 104.2



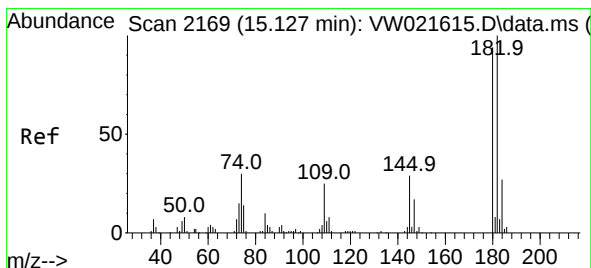
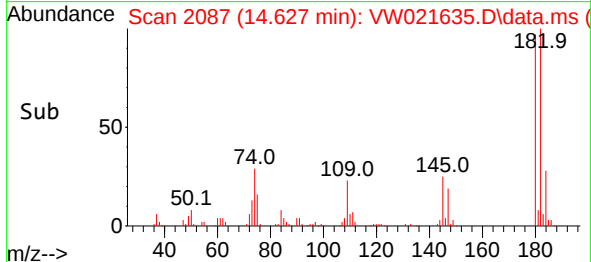
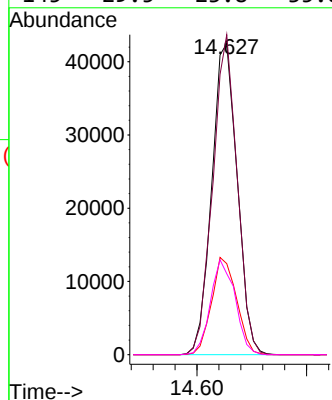


#69
1,3,5-Trichlorobenzene
Concen: 21.864 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Instrument :
MSVOA_W
ClientSampleId :

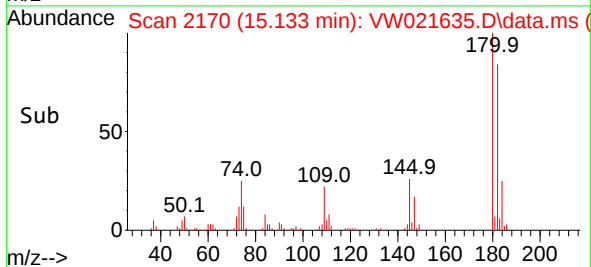
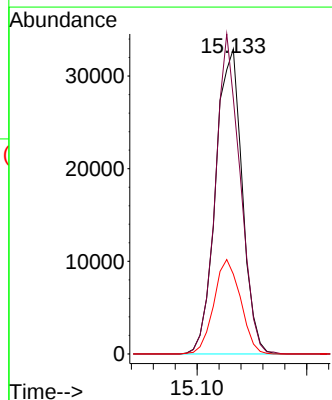
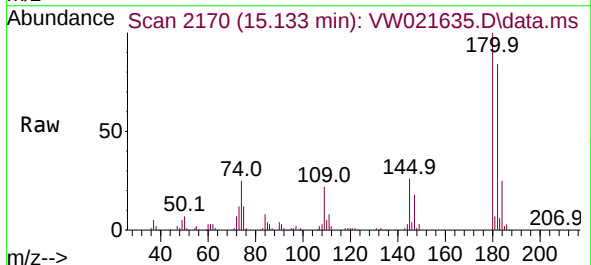


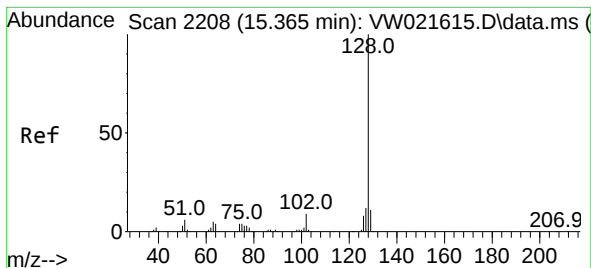
Tgt Ion:180 Resp: 68571
Ion Ratio Lower Upper
180 100
182 98.3 75.4 113.0
184 30.7 23.8 35.8
145 29.5 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 21.916 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW021635.D
Acq: 24 Dec 2021 00:41

Tgt Ion:180 Resp: 55286
Ion Ratio Lower Upper
180 100
182 97.4 79.0 118.6
145 31.1 26.0 39.0





#71

Naphthalene

Concen: 23.367 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021635.D

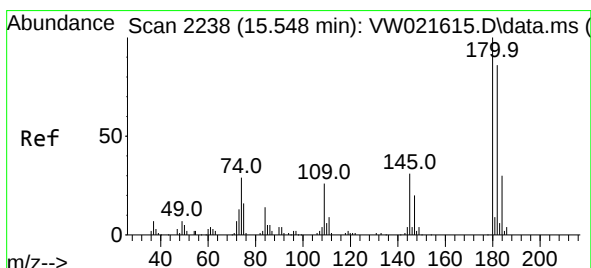
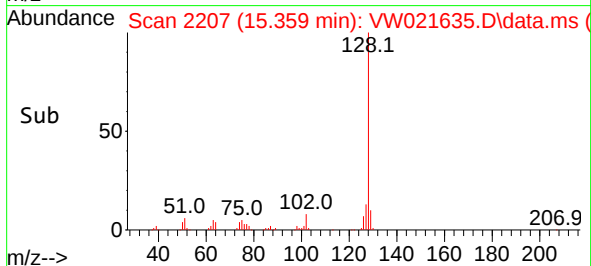
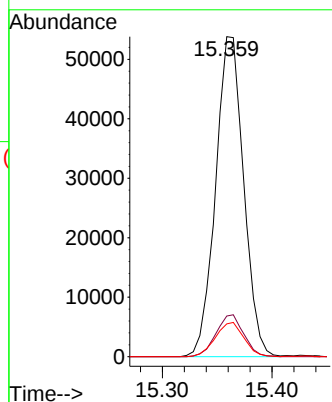
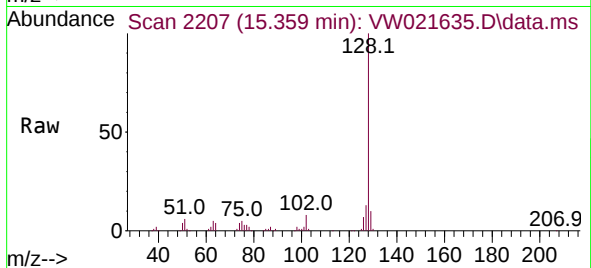
Acq: 24 Dec 2021 00:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	95768
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.7 16.1
129	10.9	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.603 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW021635.D

Acq: 24 Dec 2021 00:41

Tgt Ion:180	Resp:	47121
Ion Ratio	Lower	Upper
180	100	
182	98.0	76.6 114.8
145	31.1	27.4 41.0

