

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021341.D
 Acq On : 12 Dec 2021 00:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 13 03:22:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	86348	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	86962	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	46158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43590	27.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.880%	
7) Chloroethane-d5	2.879	69	29572	28.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.760%	
11) 1,1-Dichloroethene-d2	4.013	63	47684	22.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 90.960%	
21) 2-Butanone-d5	7.080	46	14082	63.525	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.040%	
24) Chloroform-d	7.647	84	63456	26.370	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.480%	
26) 1,2-Dichloroethane-d4	8.305	65	34301	26.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.200%	
32) Benzene-d6	8.275	84	117344	24.617	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.480%	
36) 1,2-Dichloropropane-d6	9.275	67	32887	25.726	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.920%	
41) Toluene-d8	10.323	98	114507	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.040%	
43) trans-1,3-Dichloroprop...	10.579	79	15664	26.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.440%	
47) 2-Hexanone-d5	10.921	63	12021	63.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.180%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	31709	28.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.400%	
66) 1,2-Dichlorobenzene-d4	13.853	152	45700	25.547	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	11080	33.211	ug/L	98
3) Chloromethane	2.209	50	27125	24.558	ug/L	98
5) Vinyl chloride	2.355	62	43963	25.354	ug/L	97
6) Bromomethane	2.776	94	32817	29.179	ug/L	98
8) Chloroethane	2.910	64	19990	25.024	ug/L	97
9) Trichlorofluoromethane	3.245	101	16721	18.276	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	28683	24.056	ug/L	90
12) 1,1-Dichloroethene	4.038	96	25953	24.248	ug/L	75
13) Acetone	4.141	43	9082	45.701	ug/L	96
14) Carbon disulfide	4.379	76	71835	25.989	ug/L	98
15) Methyl Acetate	4.678	43	10450	30.476	ug/L #	86
16) Methylene chloride	4.916	84	29241	20.495	ug/L	79
17) trans-1,2-Dichloroethene	5.422	96	27930	24.101	ug/L	77
18) Methyl tert-butyl Ether	5.428	73	40404	25.244	ug/L	94
19) 1,1-Dichloroethane	6.208	63	45630	25.092	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	29540	24.167	ug/L	76
22) 2-Butanone	7.177	43	13591	52.369	ug/L	83
23) Bromochloromethane	7.507	128	15634	27.354	ug/L #	61
25) Chloroform	7.671	83	53428	25.309	ug/L	98

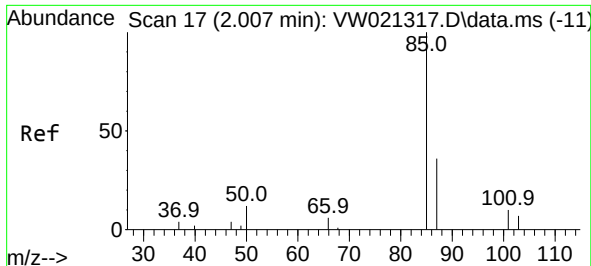
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Instrument :
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 ClientSampleId :

Quant Time: Dec 13 03:22:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	33881	25.344	ug/L #	94
29) Cyclohexane	7.952	56	36184	20.905	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	44646	22.882	ug/L	95
31) Carbon tetrachloride	8.067	117	43991	24.440	ug/L	99
33) Benzene	8.324	78	109064	23.022	ug/L	100
34) Trichloroethene	9.092	95	30349	22.822	ug/L	97
35) Methylcyclohexane	9.336	83	45591	20.783	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	24906	23.570	ug/L #	95
38) Bromodichloromethane	9.640	83	40631	27.966	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	41474	24.899	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	32165	55.865	ug/L #	93
42) Toluene	10.384	91	126145	22.768	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	37502	25.705	ug/L	98
45) 1,1,2-Trichloroethane	10.780	97	23017	26.613	ug/L	90
46) Tetrachloroethene	10.860	164	27657	21.893	ug/L	86
48) 2-Hexanone	10.969	43	22202	53.174	ug/L #	93
49) Dibromochloromethane	11.128	129	31049	29.121	ug/L	100
50) 1,2-Dibromoethane	11.232	107	22923	26.633	ug/L #	95
51) Chlorobenzene	11.658	112	83862	22.608	ug/L	88
52) Ethylbenzene	11.731	91	134743	21.282	ug/L	99
53) m,p-Xylene	11.835	106	55571	21.757	ug/L	83
54) o-Xylene	12.164	106	53639	22.128	ug/L	91
55) Styrene	12.183	104	94096	22.809	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.713	83	27339	27.575	ug/L #	95
59) Bromoform	12.347	173	19069	34.721	ug/L	98
60) Isopropylbenzene	12.463	105	144268	23.002	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	19248	28.652	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.939	105	120766	22.628	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	125694	23.874	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	70694	23.896	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	69160	23.530	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	67495	25.915	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	4715	34.028	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.621	180	51207	23.159	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	43071	24.218	ug/L	93
71) Naphthalene	15.359	128	81608	28.244	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	38969	26.513	ug/L	96

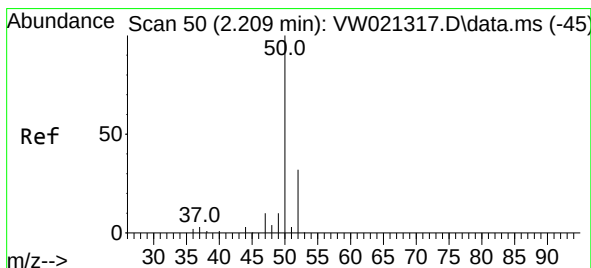
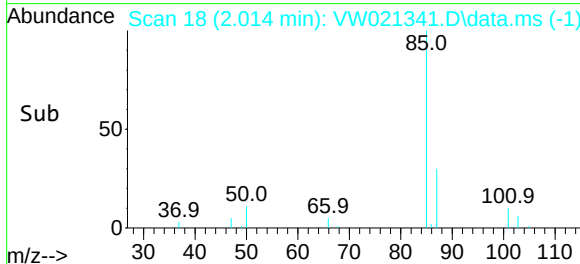
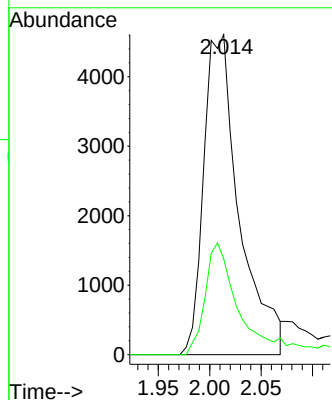
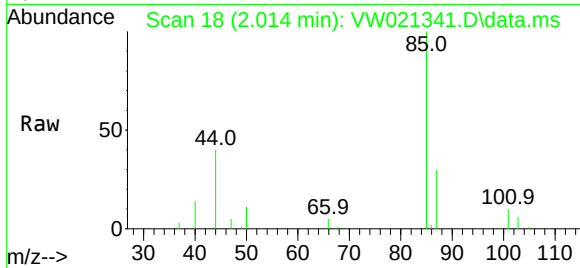
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 33.211 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021341.D
 Acq: 12 Dec 2021 00:31

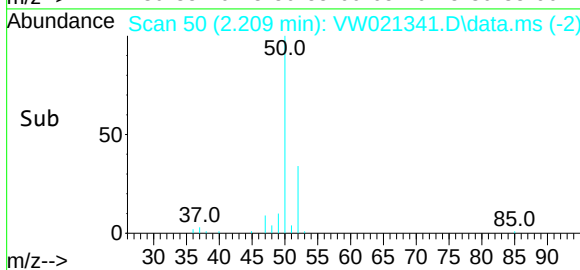
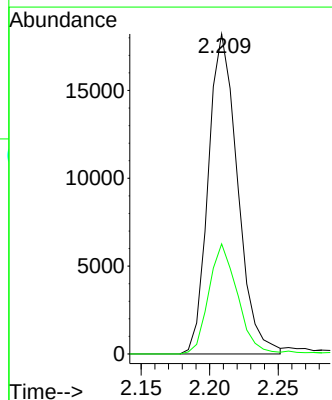
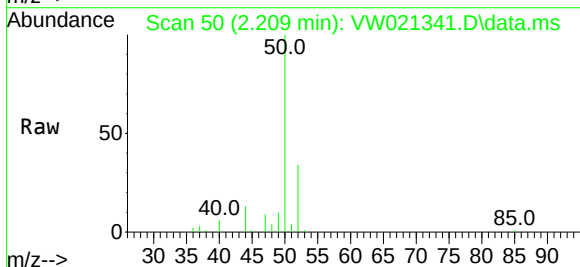
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 ClientSampleId :

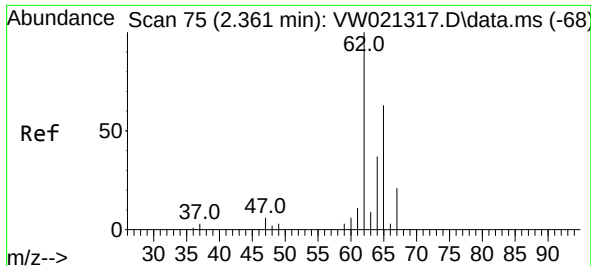
Tgt Ion: 85 Resp: 11080
 Ion Ratio Lower Upper
 85 100
 87 30.9 25.8 38.6



#3
 Chloromethane
 Concen: 24.558 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021341.D
 Acq: 12 Dec 2021 00:31

Tgt Ion: 50 Resp: 27125
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.4 43.6

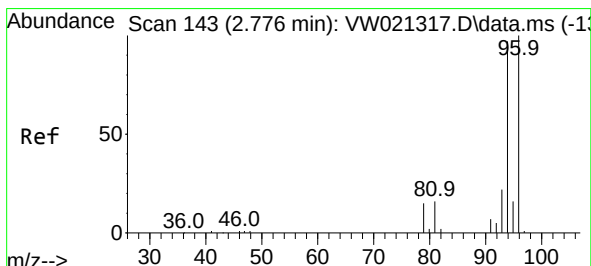
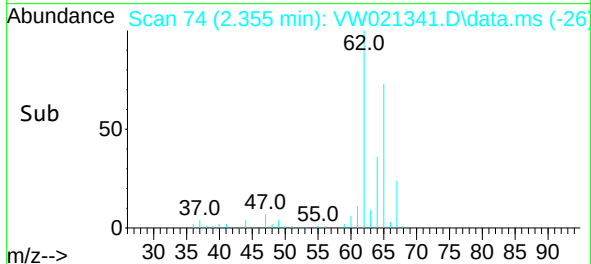
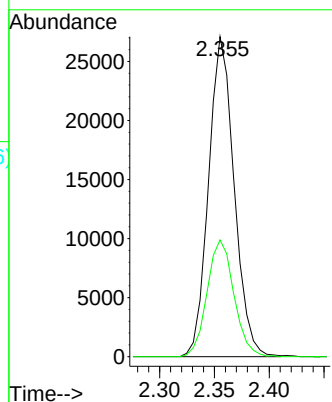
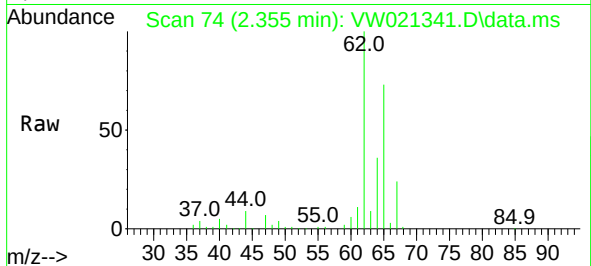




#5
 Vinyl chloride
 Concen: 25.354 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021341.D
 Acq: 12 Dec 2021 00:31

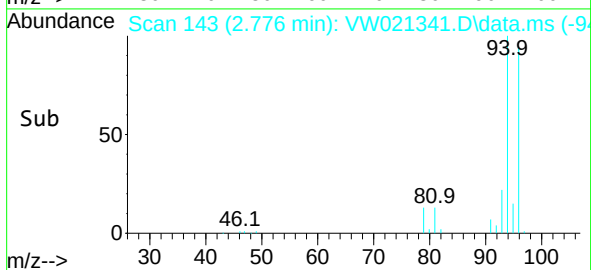
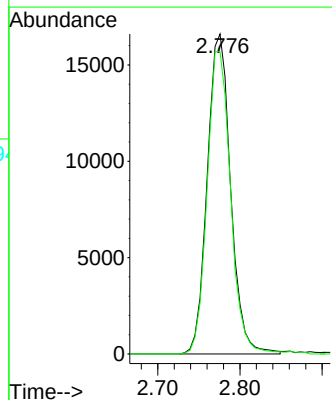
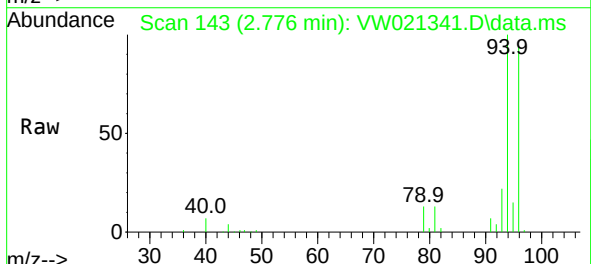
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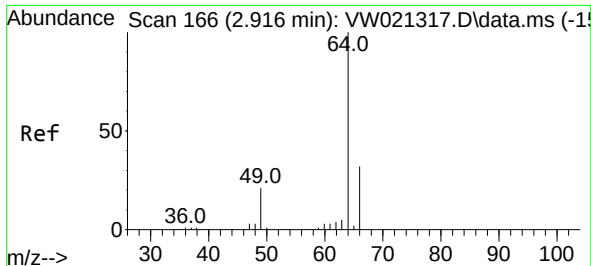
Tgt Ion: 62 Resp: 43963
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.4 45.2



#6
 Bromomethane
 Concen: 29.179 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021341.D
 Acq: 12 Dec 2021 00:31

Tgt Ion: 94 Resp: 32817
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.4

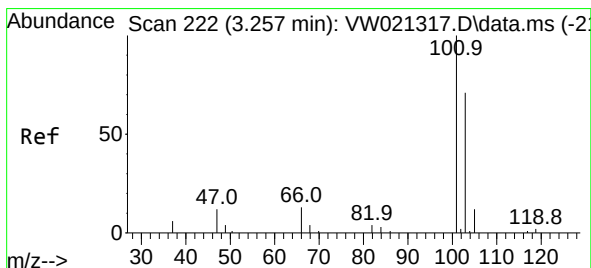
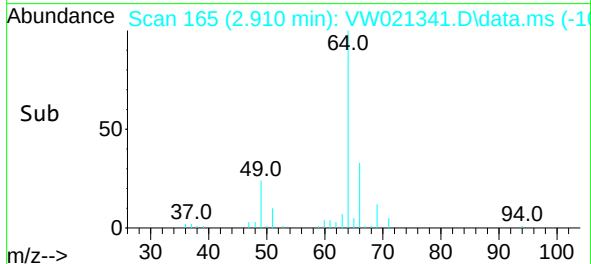
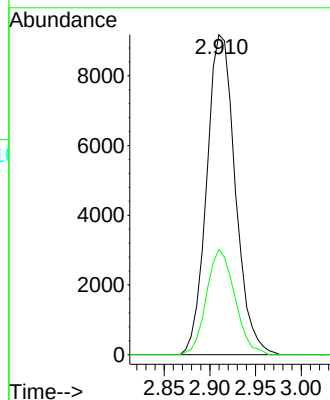
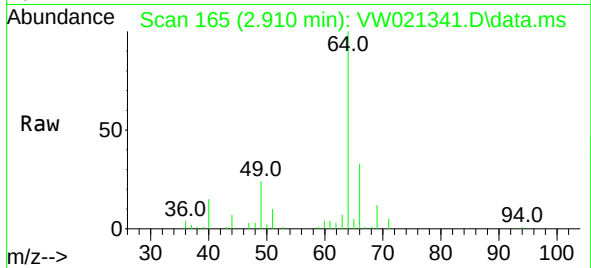




#8
Chloroethane
Concen: 25.024 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

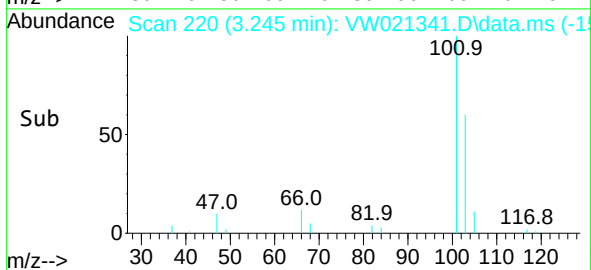
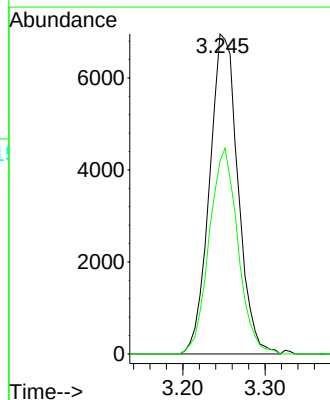
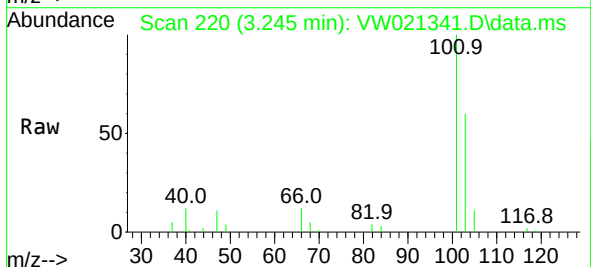
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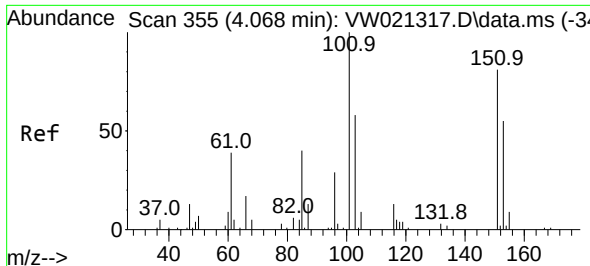
Tgt Ion: 64 Resp: 19990
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 18.276 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion: 101 Resp: 16721
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

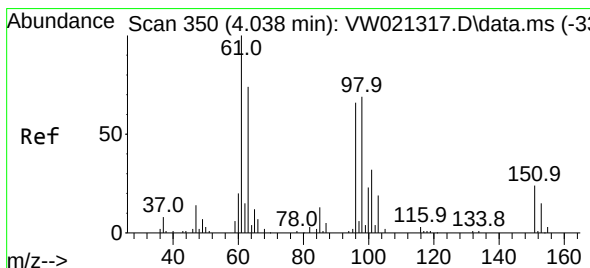
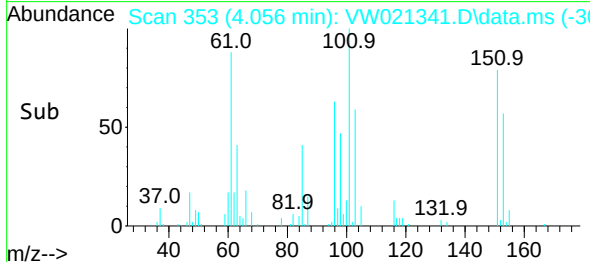
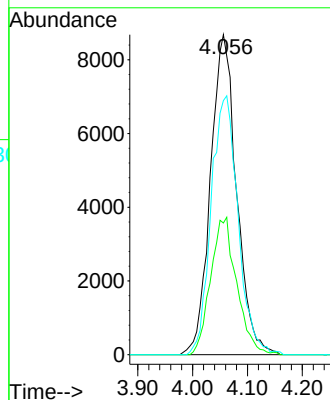
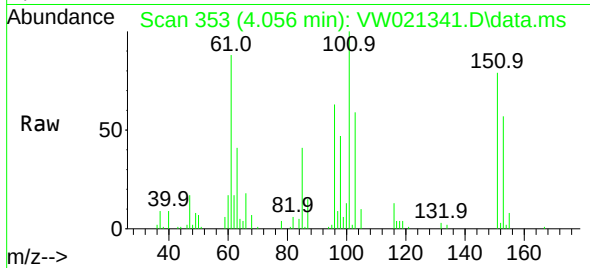




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.056 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW021341.D
 Acq: 12 Dec 2021 00:31

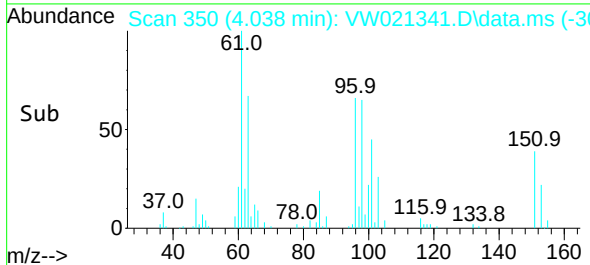
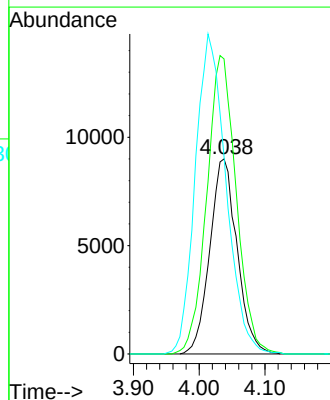
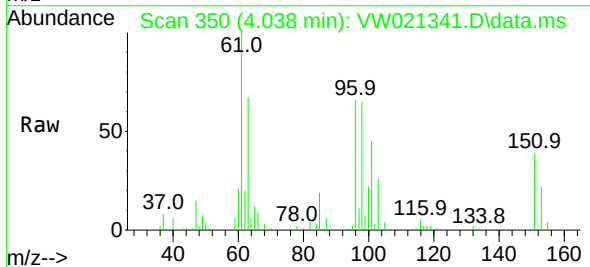
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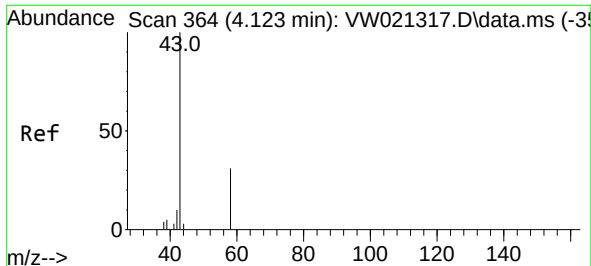
Tgt Ion:101 Resp: 28683
 Ion Ratio Lower Upper
 101 100
 85 42.8 36.6 54.8
 151 83.1 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.248 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021341.D
 Acq: 12 Dec 2021 00:31

Tgt Ion: 96 Resp: 25953
 Ion Ratio Lower Upper
 96 100
 61 151.3 138.3 256.9
 63 101.2 82.6 153.4

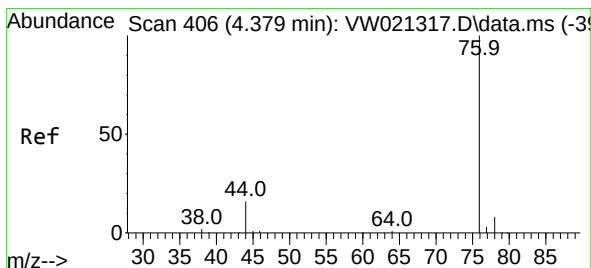
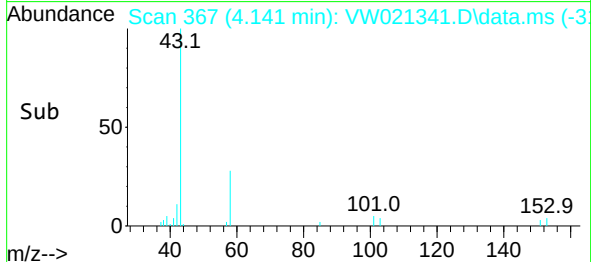
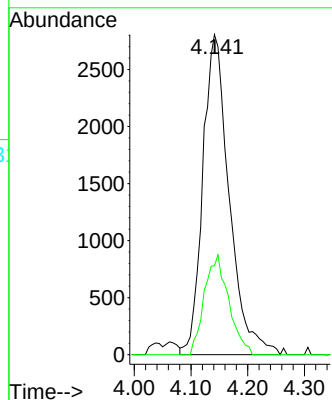
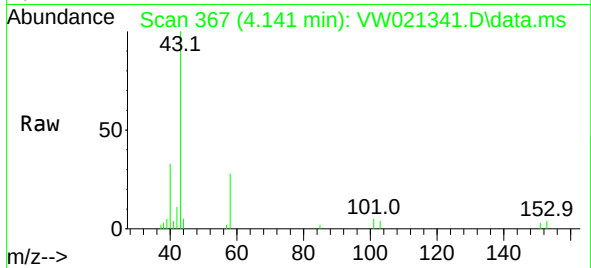




#13
Acetone
Concen: 45.701 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

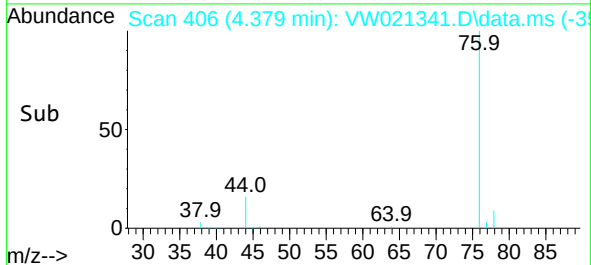
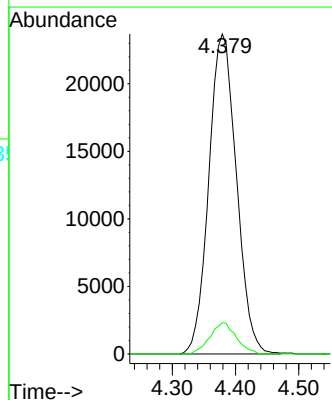
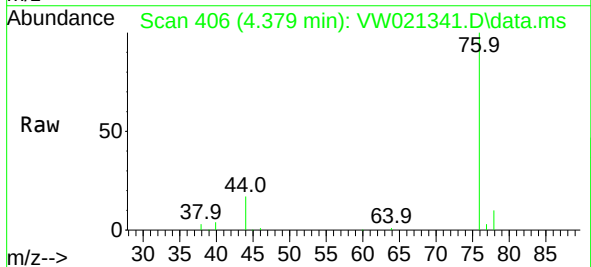
Instrument :
MSVOA_W
ClientSampleId :

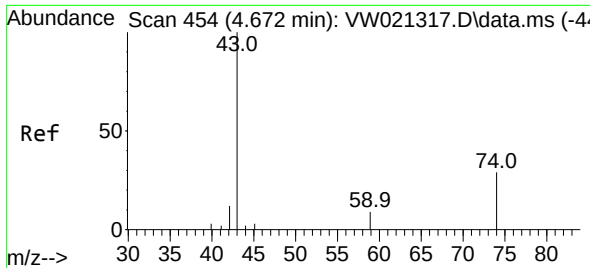
Tgt Ion: 43 Resp: 9082
Ion Ratio Lower Upper
43 100
58 28.6 0.0 52.8



#14
Carbon disulfide
Concen: 25.989 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion: 76 Resp: 71835
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

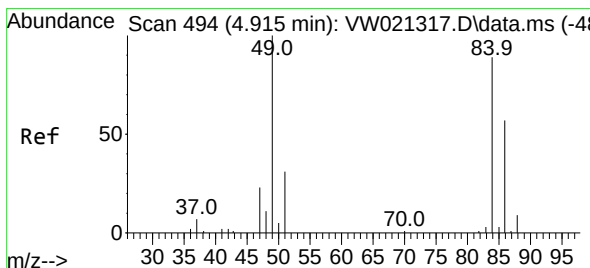
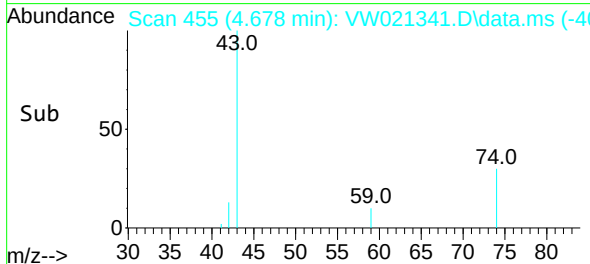
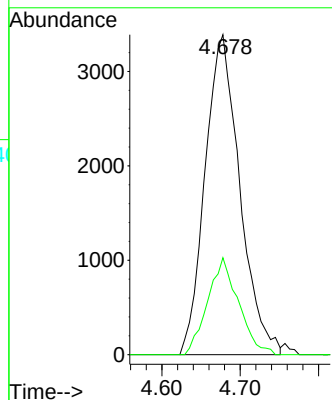
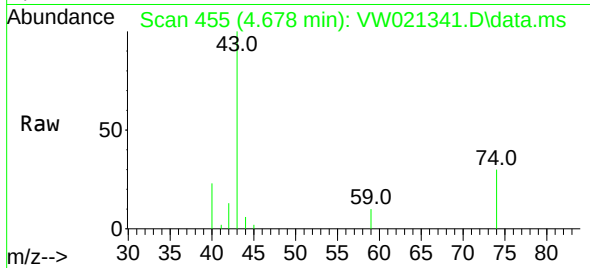




#15
Methyl Acetate
Concen: 30.476 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

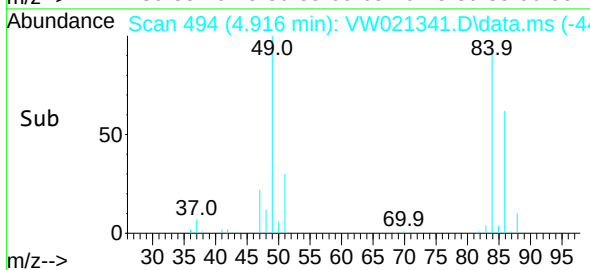
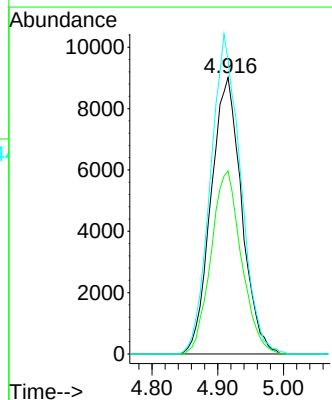
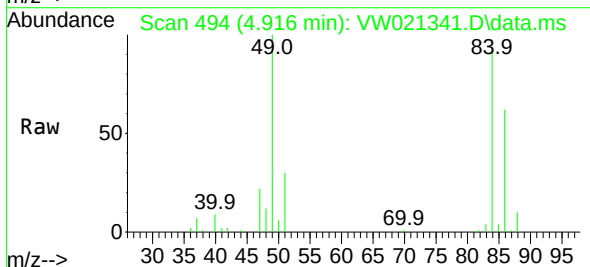
Instrument :
MSVOA_W
ClientSampleId :

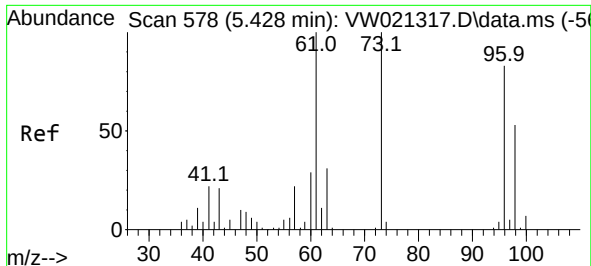
Tgt Ion: 43 Resp: 10450
Ion Ratio Lower Upper
43 100
74 26.9 16.4 24.6#



#16
Methylene chloride
Concen: 20.495 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

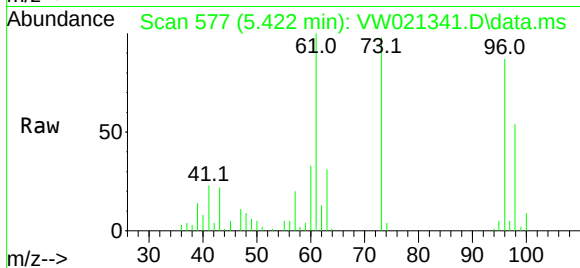
Tgt Ion: 84 Resp: 29241
Ion Ratio Lower Upper
84 100
86 66.2 45.5 84.5
49 106.2 100.5 186.7



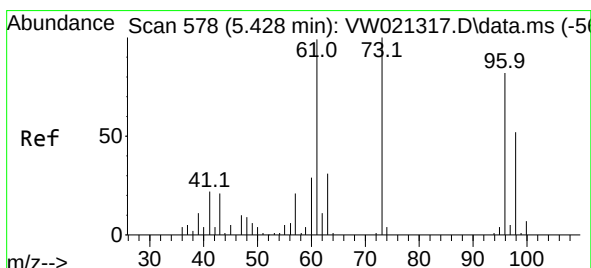
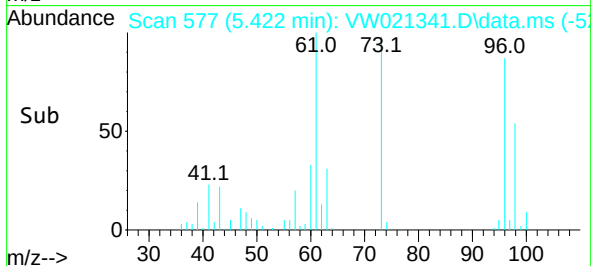
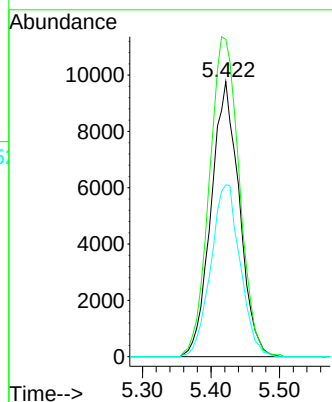


#17
trans-1,2-Dichloroethene
Concen: 24.101 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Instrument :
MSVOA_W
ClientSampleId :

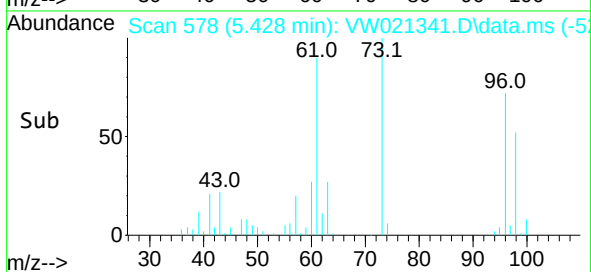
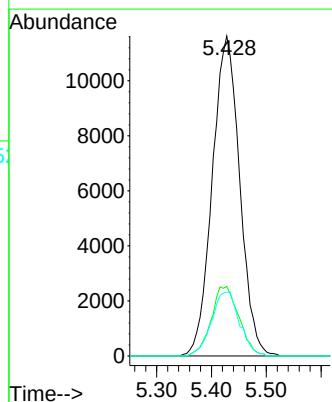
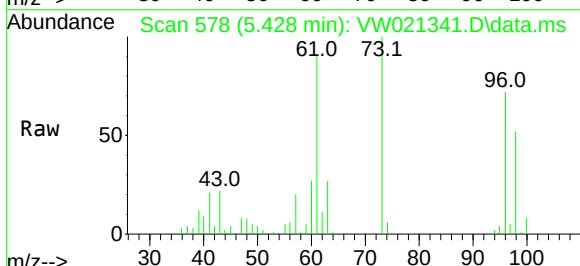


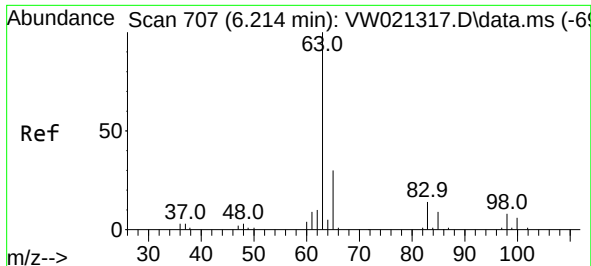
Tgt Ion: 96 Resp: 27930
Ion Ratio Lower Upper
96 100
61 115.3 107.4 199.4
98 62.5 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.244 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion: 73 Resp: 40404
Ion Ratio Lower Upper
73 100
43 22.0 19.5 29.3
57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.092 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

ClientSampleId :

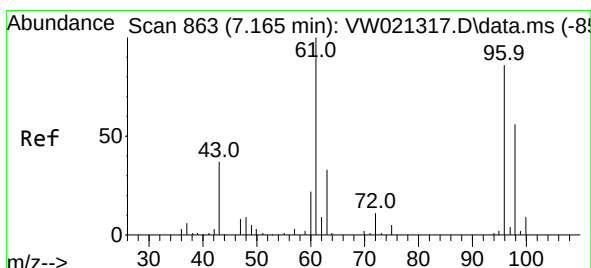
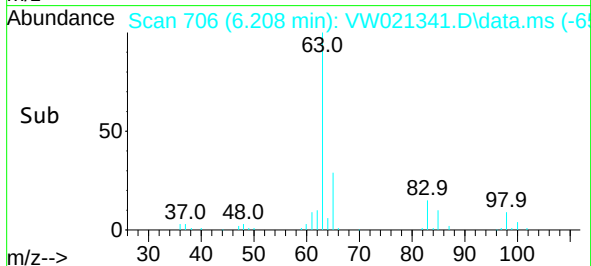
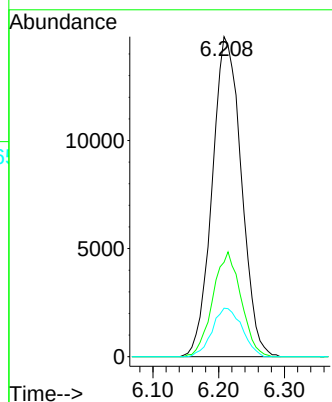
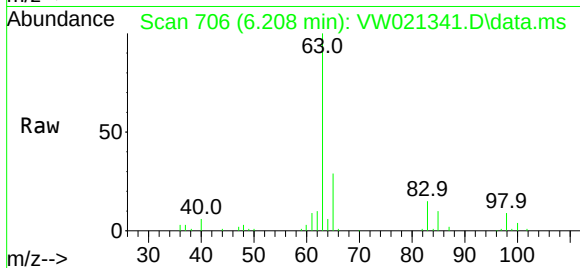
Tgt Ion: 63 Resp: 45630

Ion Ratio Lower Upper

63 100

65 29.5 22.1 41.1

83 15.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.167 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

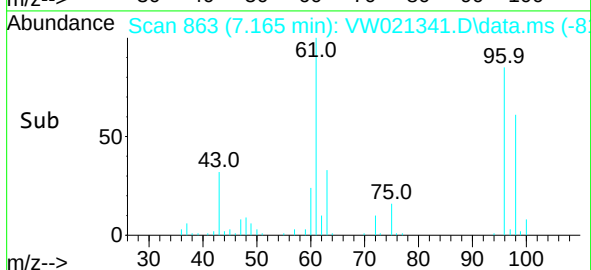
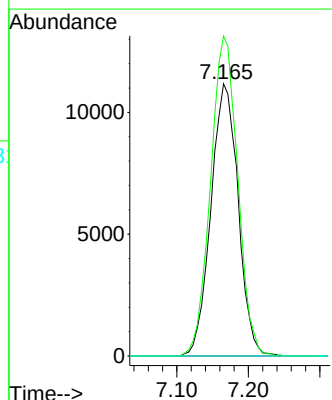
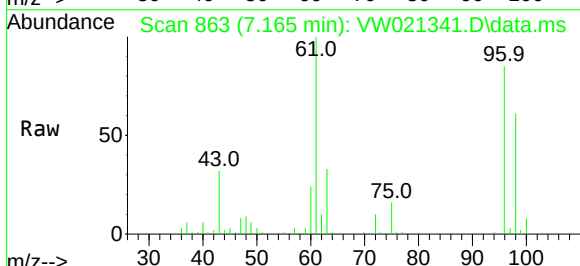
Tgt Ion: 96 Resp: 29540

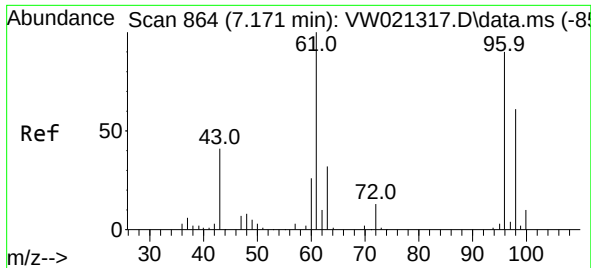
Ion Ratio Lower Upper

96 100

61 117.6 103.7 192.7

68 0.0 0.0 0.0

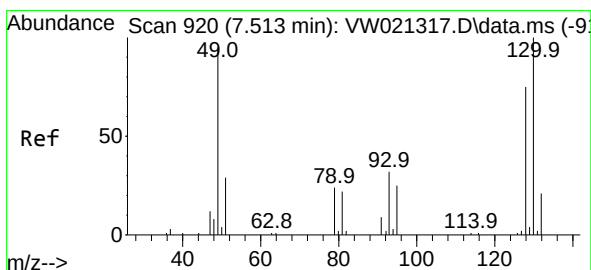
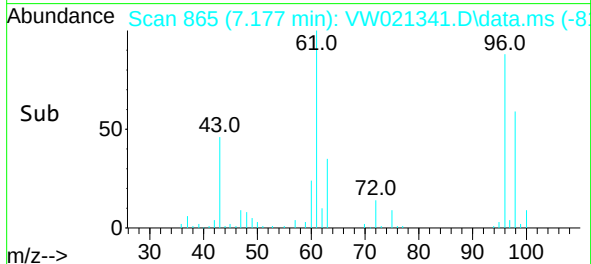
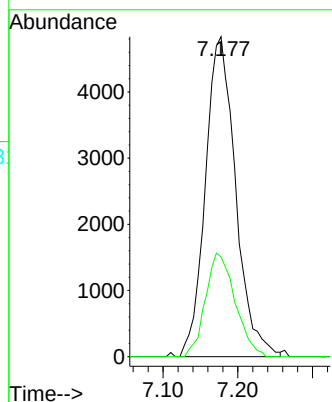
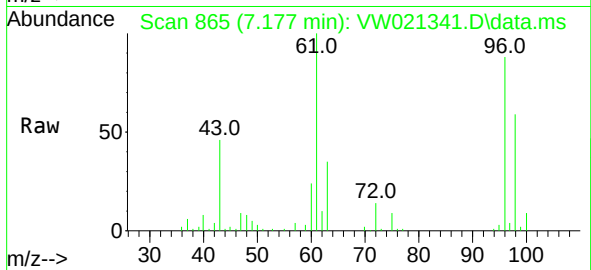




#22
2-Butanone
Concen: 52.369 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

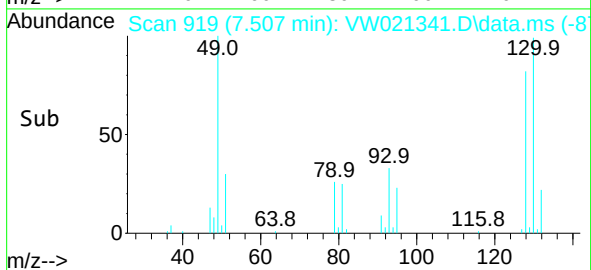
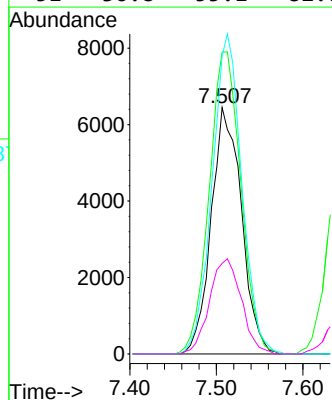
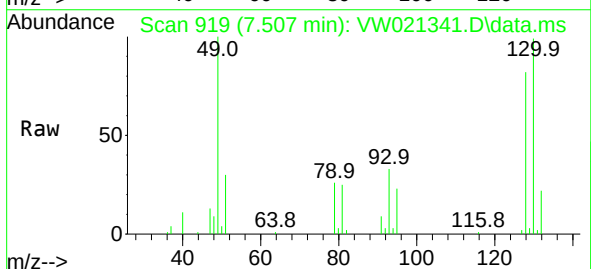
Instrument :
MSVOA_W
ClientSampleId :

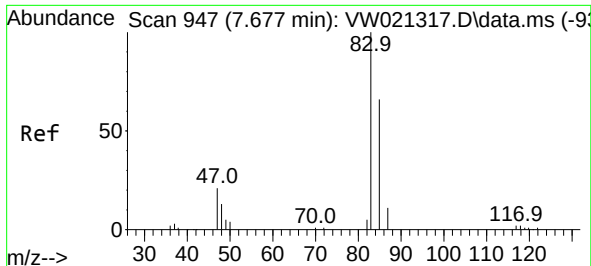
Tgt Ion: 43 Resp: 13591
Ion Ratio Lower Upper
43 100
72 31.7 11.8 35.4



#23
Bromochloromethane
Concen: 27.354 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion: 128 Resp: 15634
Ion Ratio Lower Upper
128 100
49 122.5 150.3 279.1#
130 120.9 88.3 163.9
51 36.8 55.1 82.7#

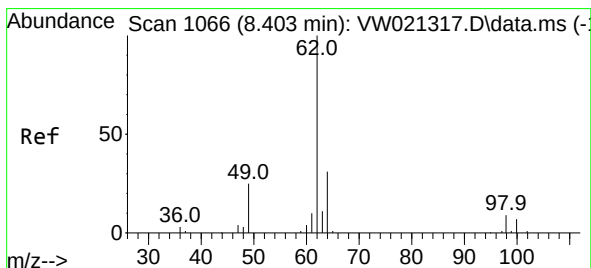
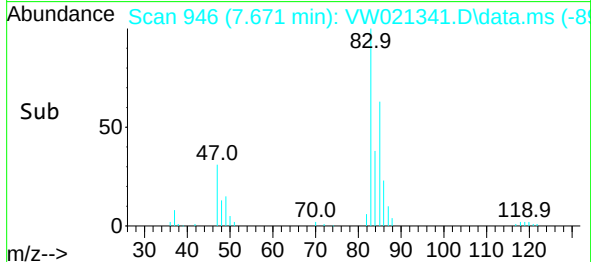
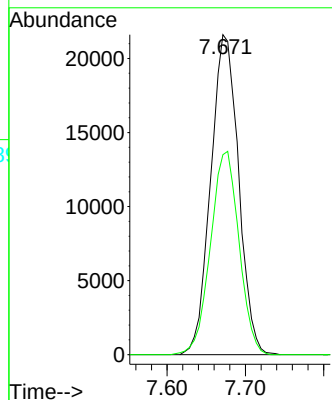
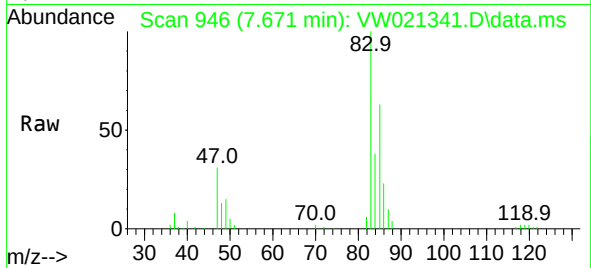




#25
Chloroform
Concen: 25.309 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

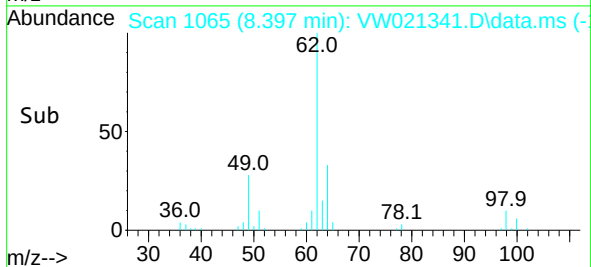
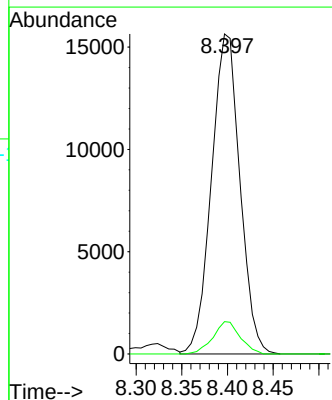
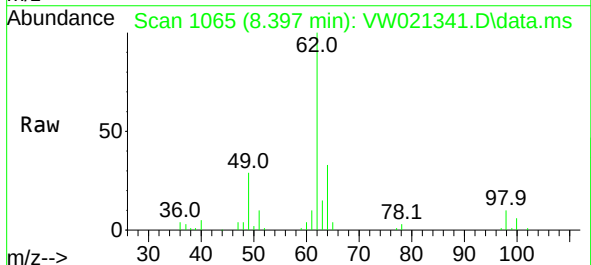
Instrument :
MSVOA_W
ClientSampleId :

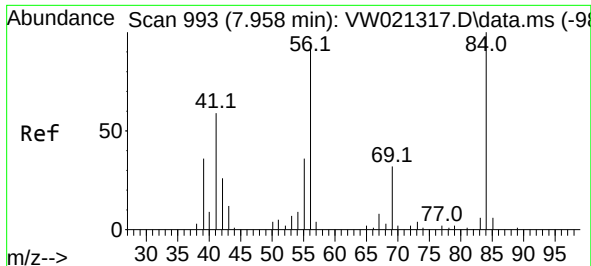
Tgt Ion: 83 Resp: 53428
Ion Ratio Lower Upper
83 100
85 62.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.344 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion: 62 Resp: 33881
Ion Ratio Lower Upper
62 100
98 10.1 6.5 9.7#





#29

Cyclohexane

Concen: 20.905 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

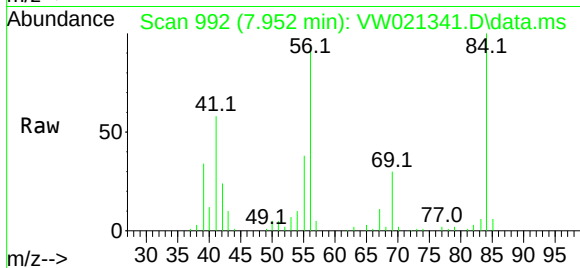
Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

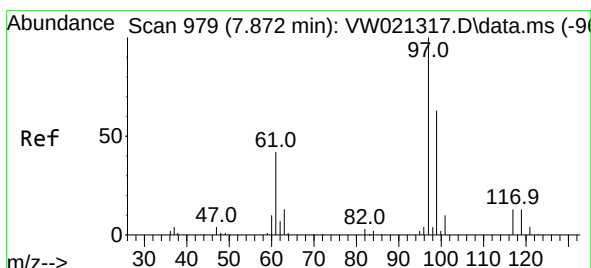
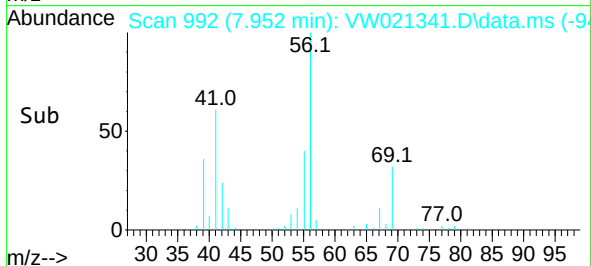
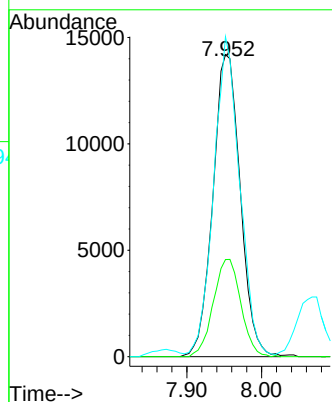
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	36184
Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.5	35.3
84	100.9	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 22.882 ug/L

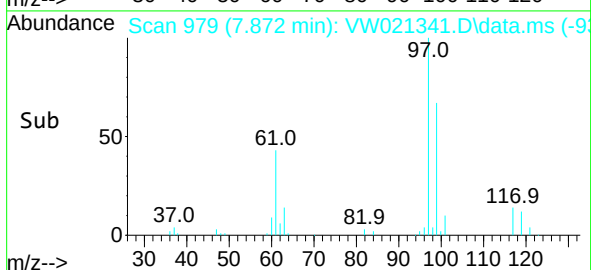
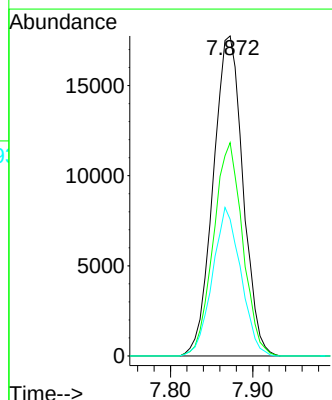
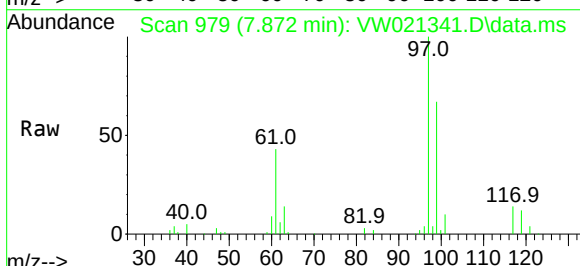
RT: 7.872 min Scan# 979

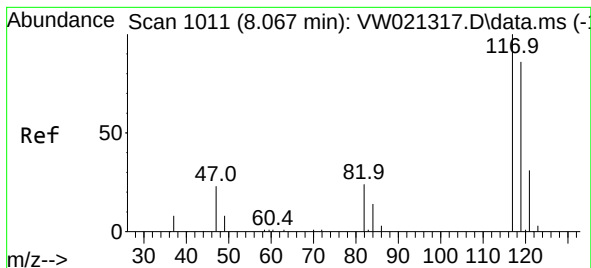
Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

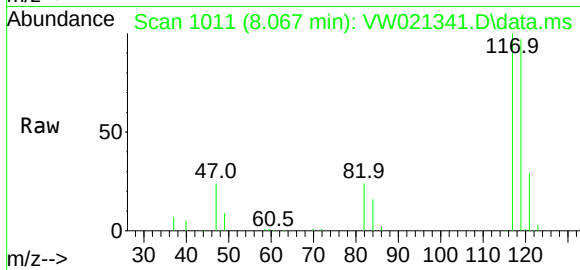
Tgt Ion:	97	Resp:	44646
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.6	77.4
61	44.4	40.9	61.3



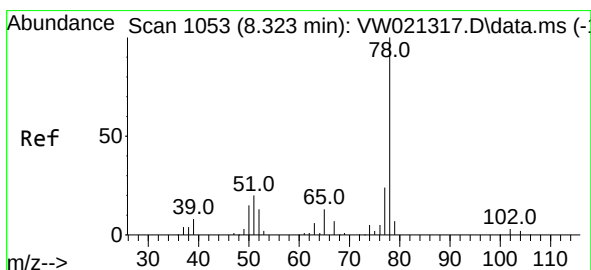
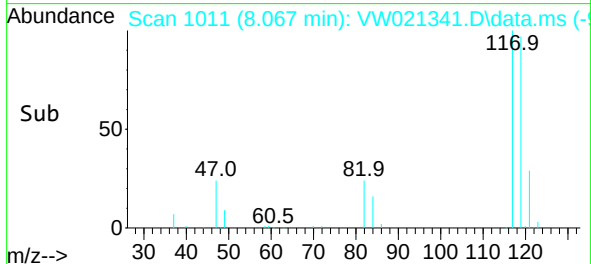
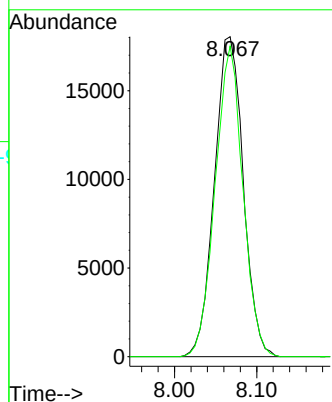


#31
Carbon tetrachloride
Concen: 24.440 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Instrument :
MSVOA_W
ClientSampleId :

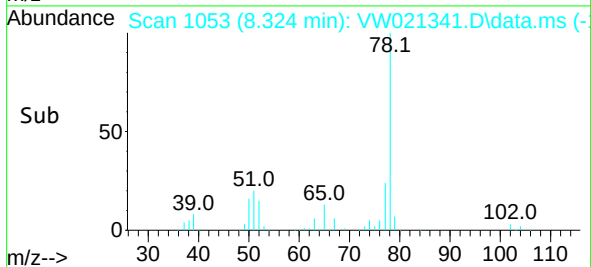
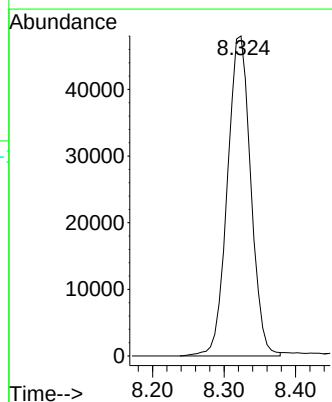
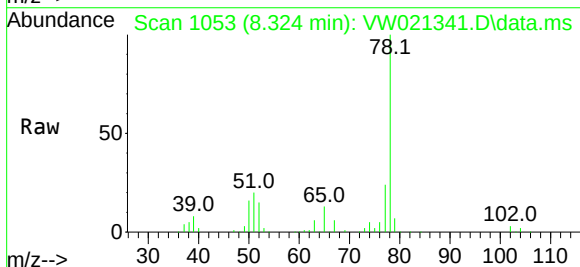


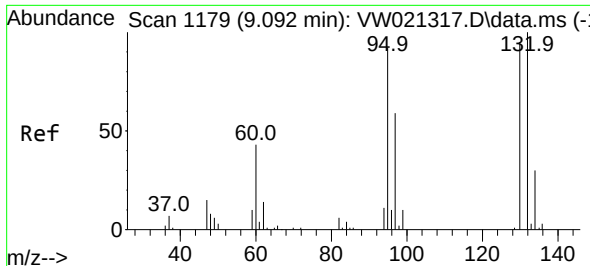
Tgt Ion:117 Resp: 43991
Ion Ratio Lower Upper
117 100
119 93.3 75.7 113.5



#33
Benzene
Concen: 23.022 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion: 78 Resp: 109064





#34

Trichloroethene

Concen: 22.822 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

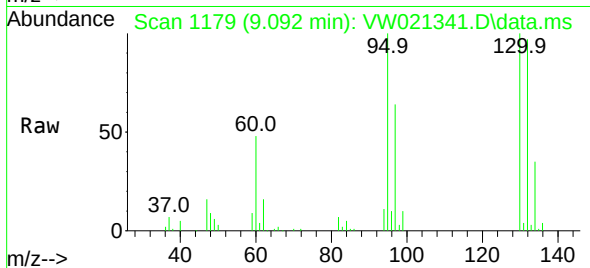
Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 30349

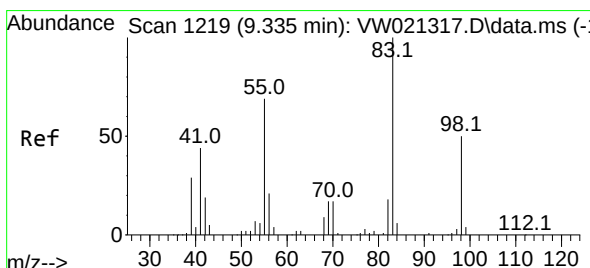
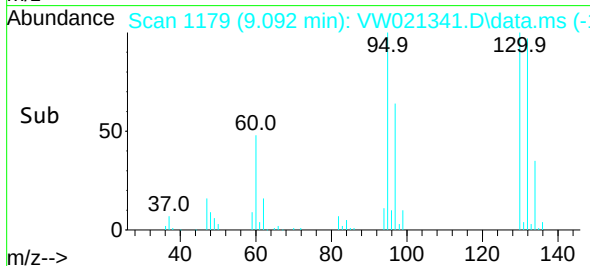
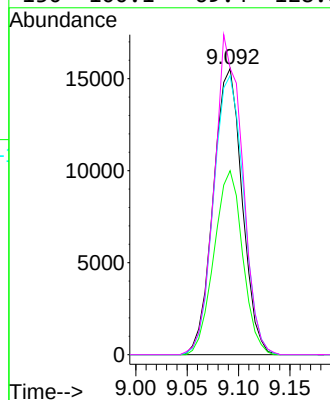
Ion Ratio Lower Upper

95 100

97 64.3 47.0 87.2

132 97.5 65.5 121.6

130 100.1 69.4 128.8



#35

Methylcyclohexane

Concen: 20.783 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

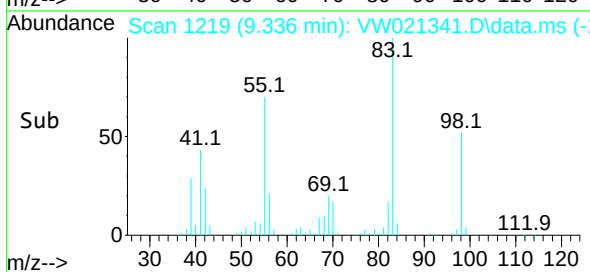
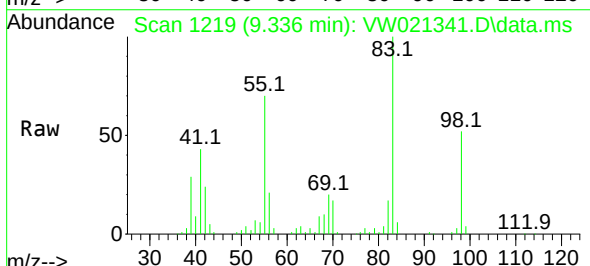
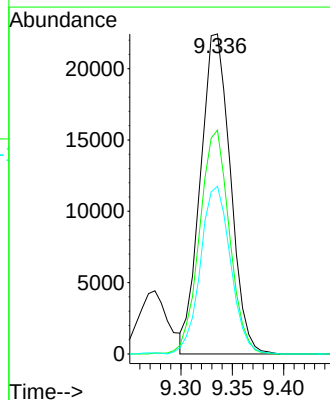
Tgt Ion: 83 Resp: 45591

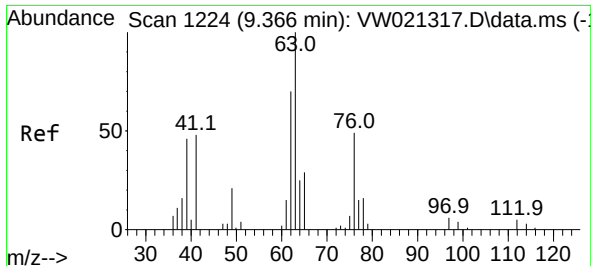
Ion Ratio Lower Upper

83 100

55 69.3 70.8 106.2#

98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.570 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

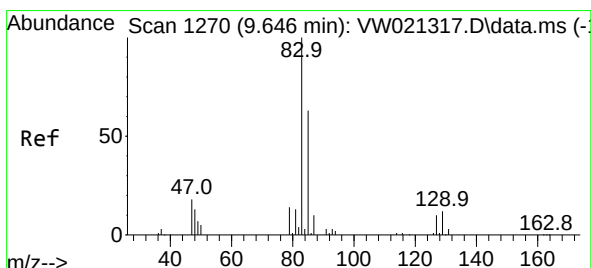
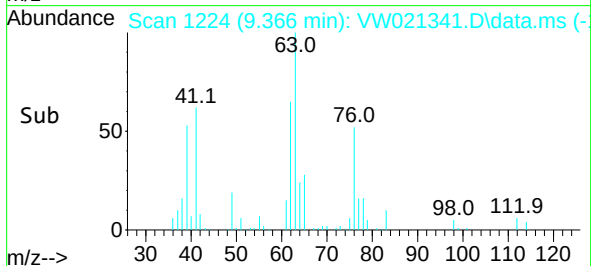
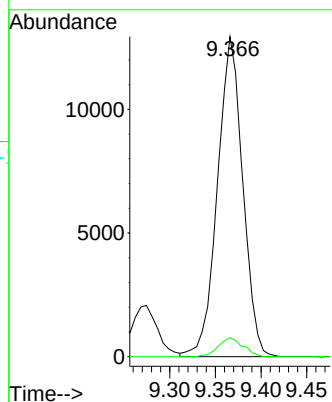
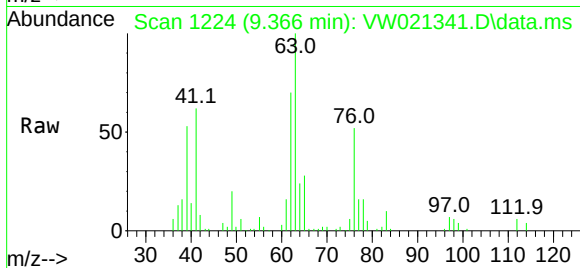
ClientSampleId :

Tgt Ion: 63 Resp: 24906

Ion Ratio Lower Upper

63 100

112 5.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 27.966 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

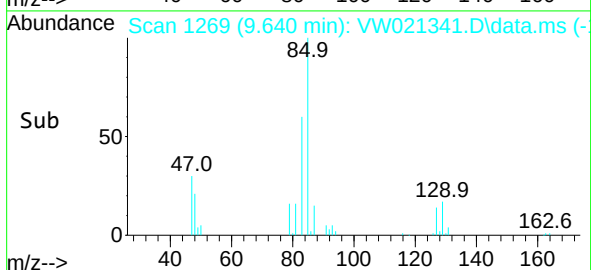
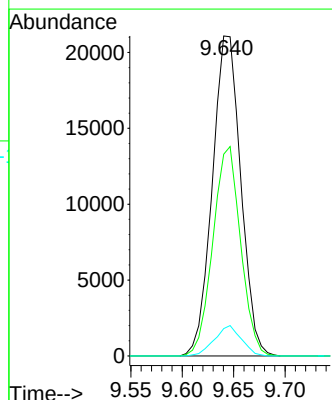
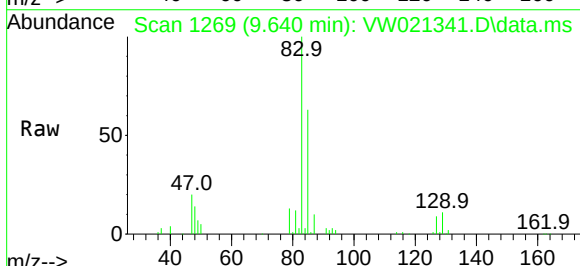
Tgt Ion: 83 Resp: 40631

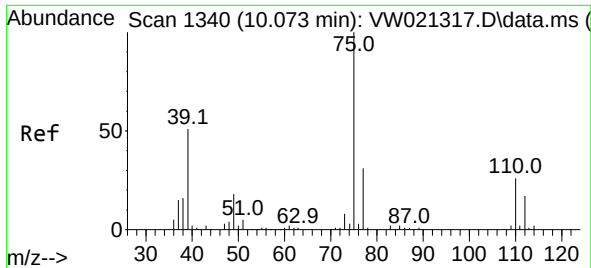
Ion Ratio Lower Upper

83 100

85 63.1 44.1 81.9

127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 24.899 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

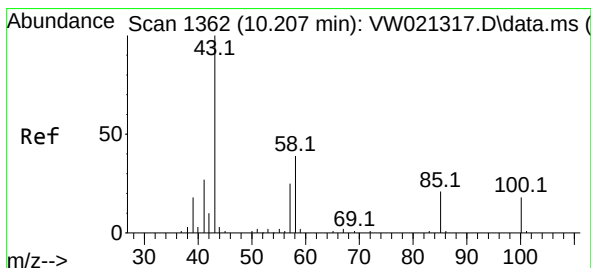
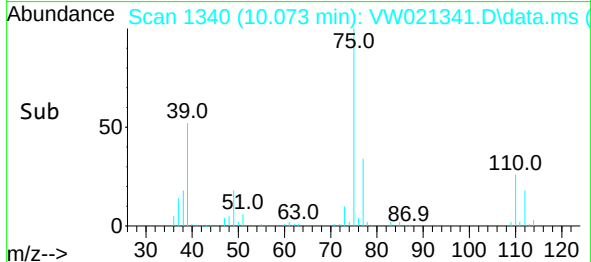
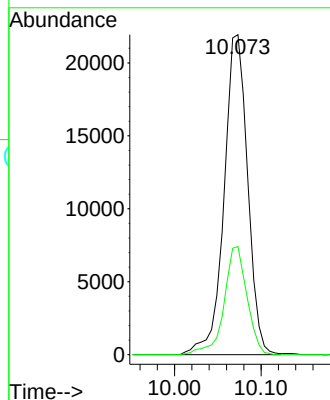
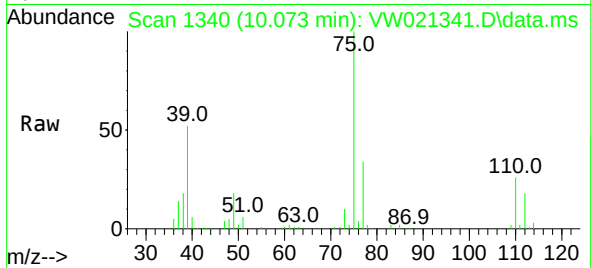
ClientSampleId :

Tgt Ion: 75 Resp: 41474

Ion Ratio Lower Upper

75 100

77 33.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.865 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

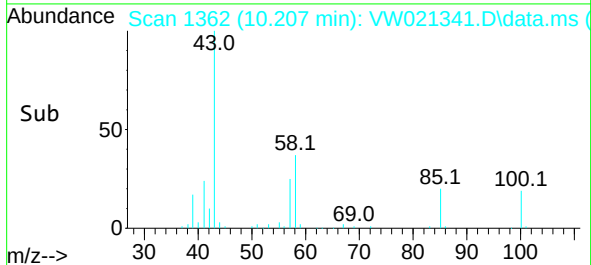
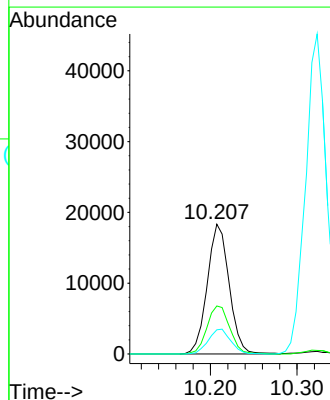
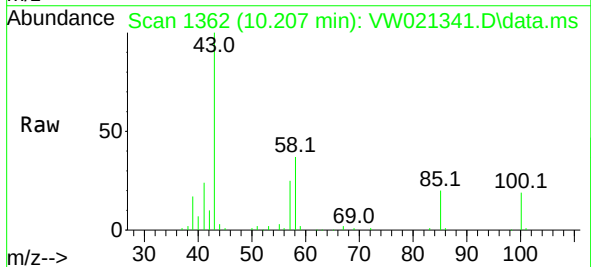
Tgt Ion: 43 Resp: 32165

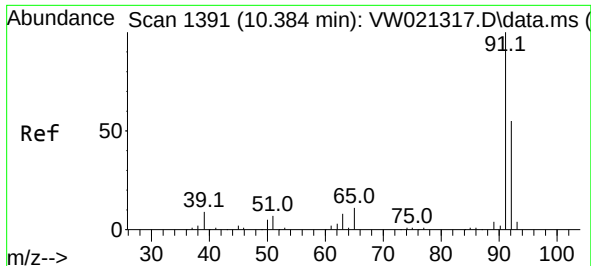
Ion Ratio Lower Upper

43 100

58 38.3 28.8 43.2

100 19.5 10.0 15.0#

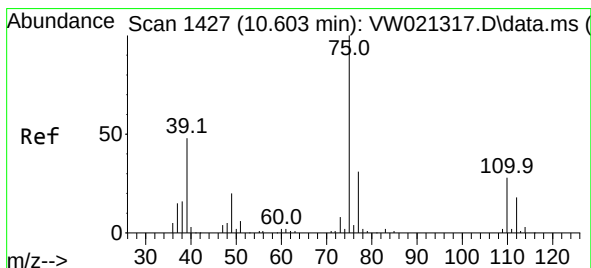
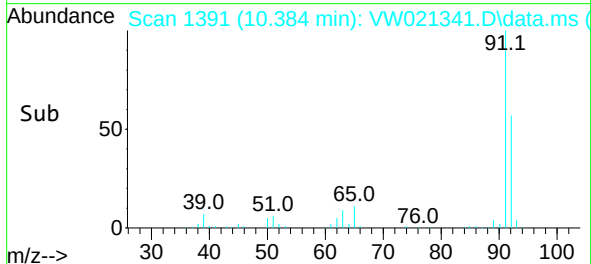
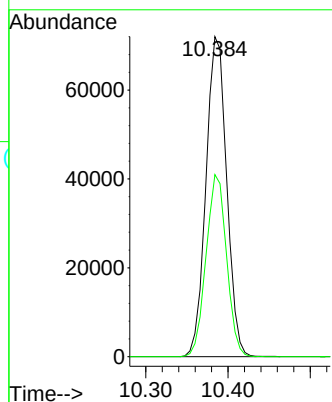
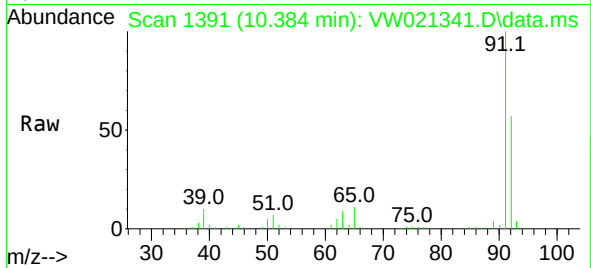




#42
Toluene
Concen: 22.768 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

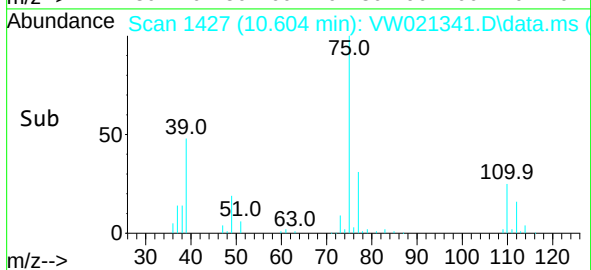
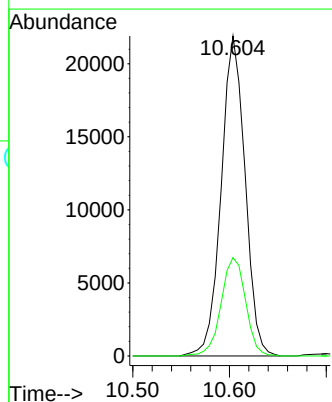
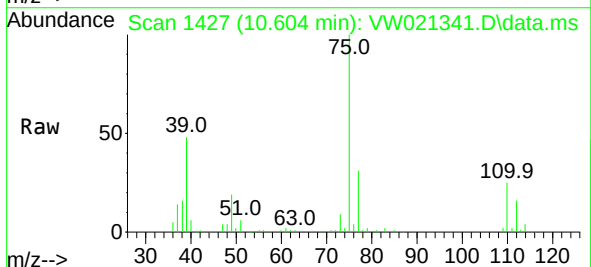
Instrument :
MSVOA_W
ClientSampleId :

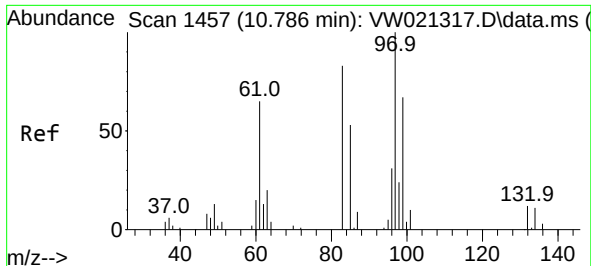
Tgt Ion: 91 Resp: 126145
Ion Ratio Lower Upper
91 100
92 56.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.705 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

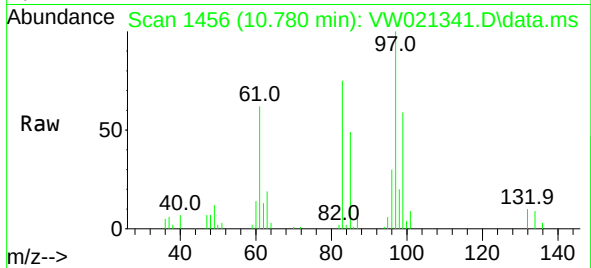
Tgt Ion: 75 Resp: 37502
Ion Ratio Lower Upper
75 100
77 30.7 22.2 41.2



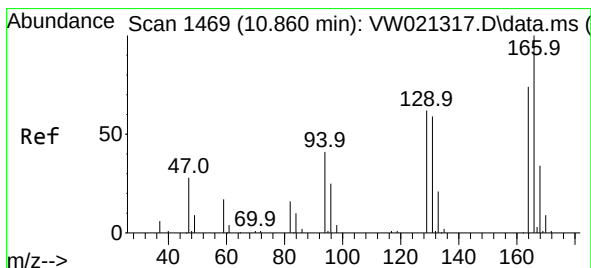
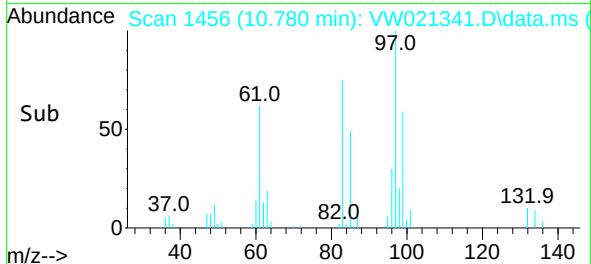
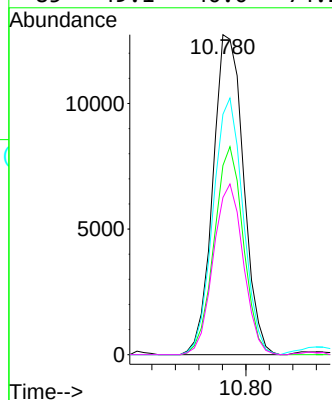


#45
1,1,2-Trichloroethane
Concen: 26.613 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Instrument :
MSVOA_W
ClientSampleId :

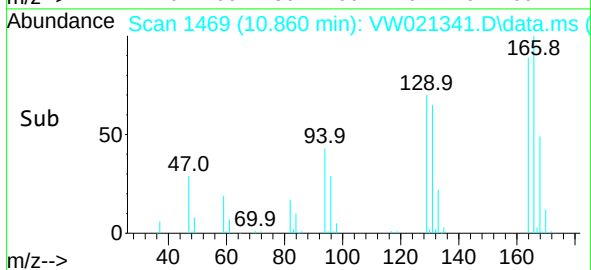
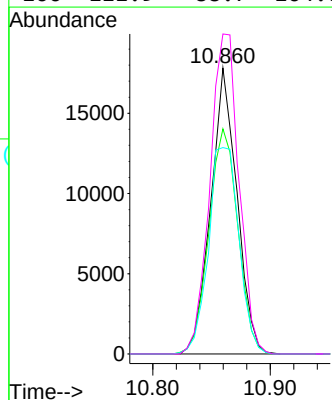
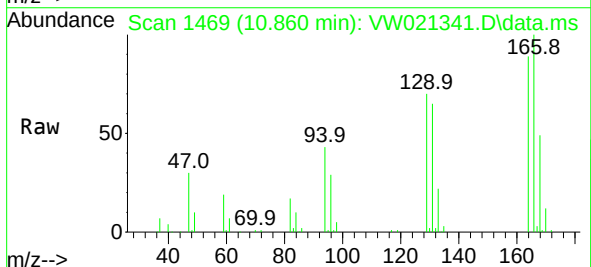


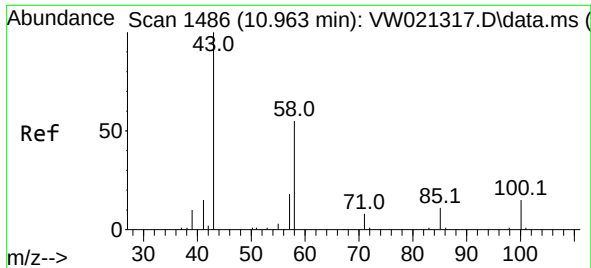
Tgt Ion: 97 Resp: 23017
Ion Ratio Lower Upper
97 100
99 59.1 43.0 79.8
83 75.1 62.6 116.3
85 49.1 40.0 74.2



#46
Tetrachloroethene
Concen: 21.893 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

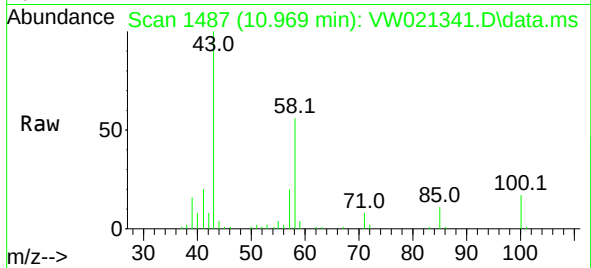
Tgt Ion:164 Resp: 27657
Ion Ratio Lower Upper
164 100
129 78.7 65.5 121.7
131 72.2 59.7 110.9
166 111.9 88.7 164.7



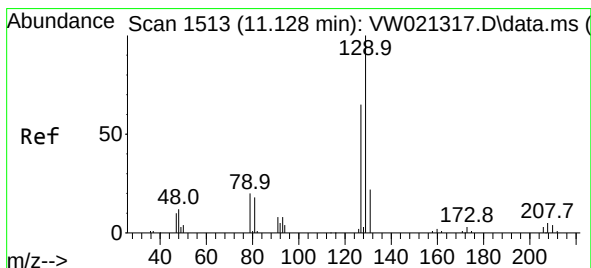
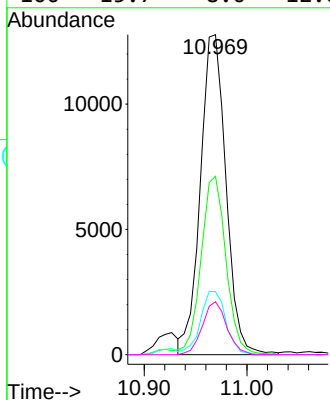
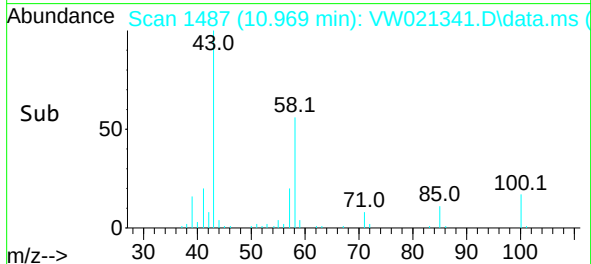


#48
2-Hexanone
Concen: 53.174 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Instrument :
MSVOA_W
ClientSampleId :

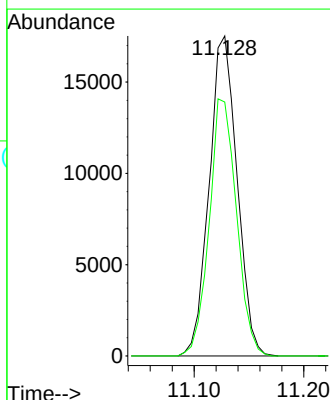
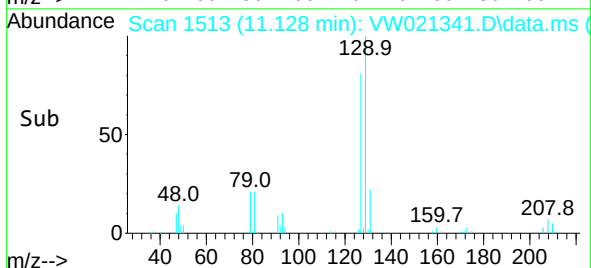
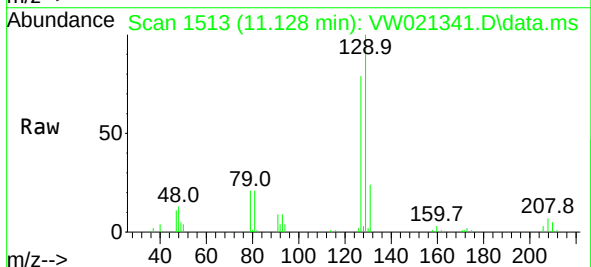


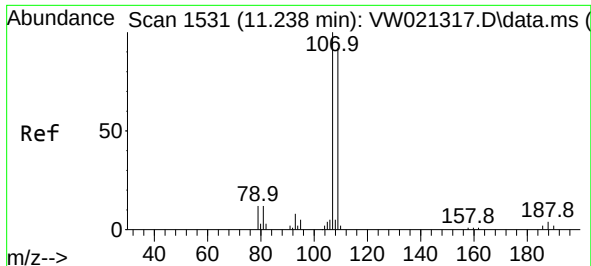
Tgt Ion: 43 Resp: 22202
Ion Ratio Lower Upper
43 100
58 54.4 40.2 60.2
57 19.7 14.3 21.5
100 15.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 29.121 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion: 129 Resp: 31049
Ion Ratio Lower Upper
129 100
127 79.4 55.7 103.5





#50

1,2-Dibromoethane

Concen: 26.633 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

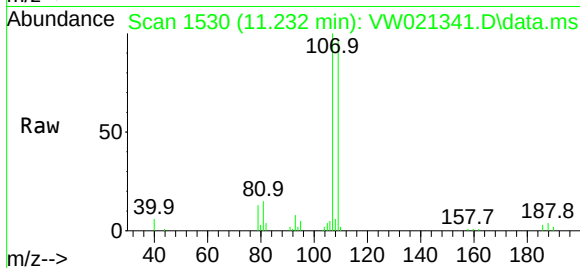
Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

ClientSampleId :



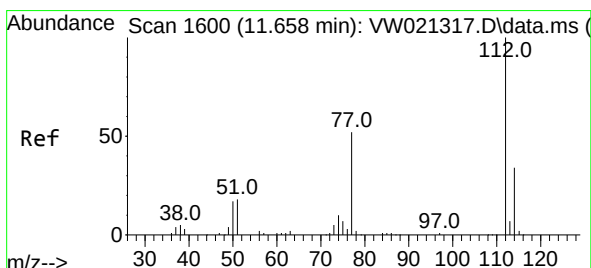
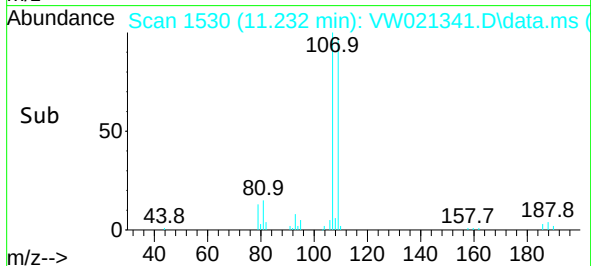
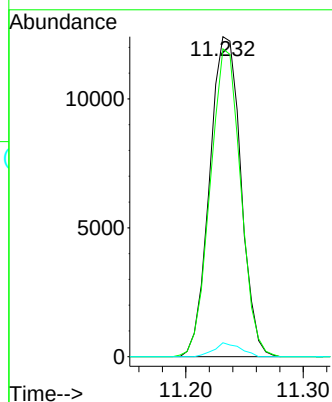
Tgt Ion:107 Resp: 22923

Ion Ratio Lower Upper

107 100

109 96.2 64.1 119.1

188 4.4 2.6 3.8#



#51

Chlorobenzene

Concen: 22.608 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

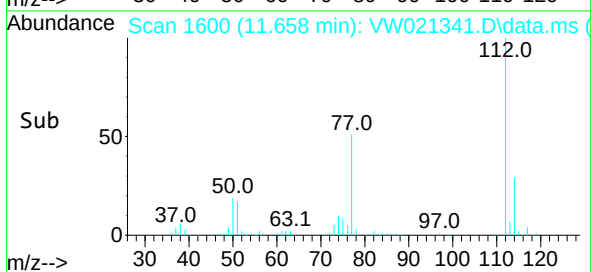
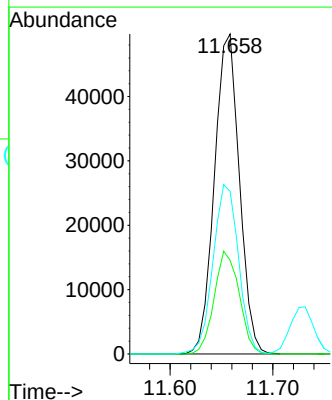
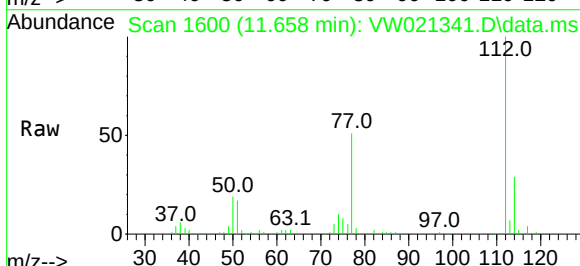
Tgt Ion:112 Resp: 83862

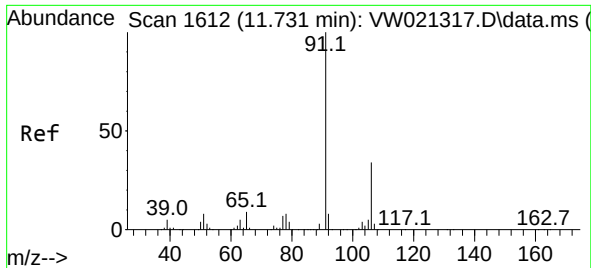
Ion Ratio Lower Upper

112 100

114 29.2 22.4 41.6

77 50.7 50.2 75.4

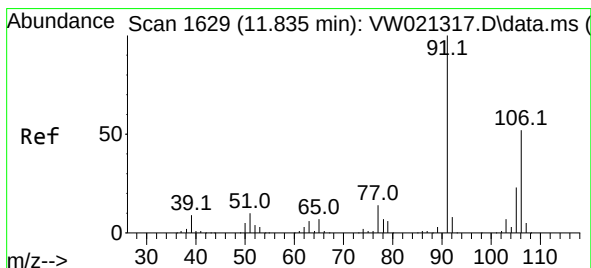
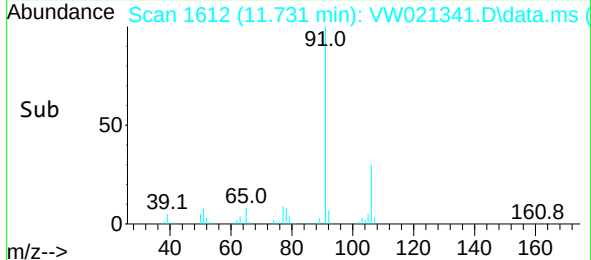
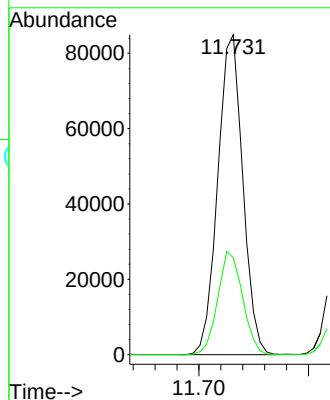
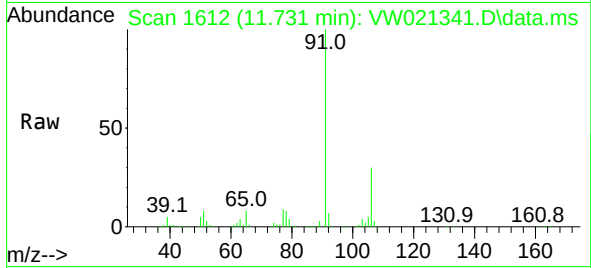




#52
Ethylbenzene
Concen: 21.282 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

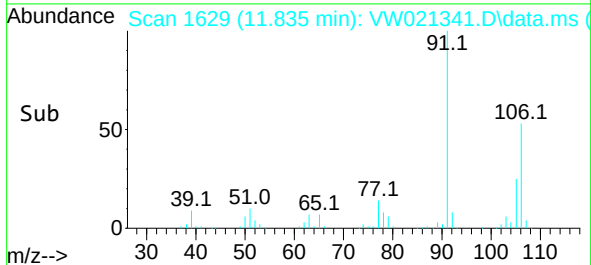
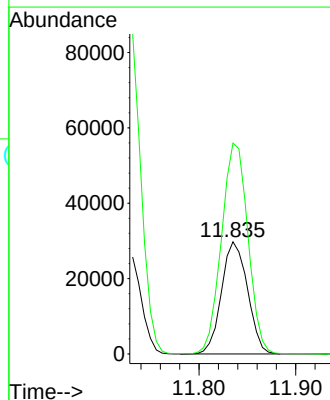
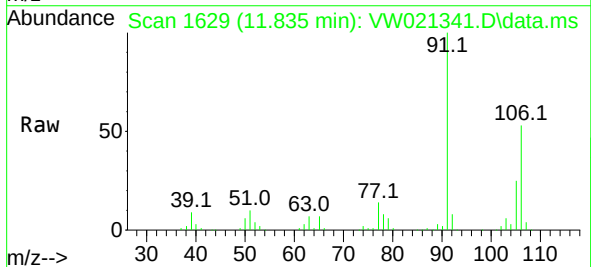
Instrument :
MSVOA_W
ClientSampleId :

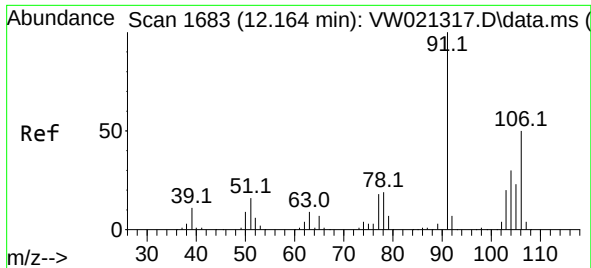
Tgt Ion: 91 Resp: 134743
Ion Ratio Lower Upper
91 100
106 30.3 21.5 39.9



#53
m,p-Xylene
Concen: 21.757 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion:106 Resp: 55571
Ion Ratio Lower Upper
106 100
91 188.0 149.9 278.3

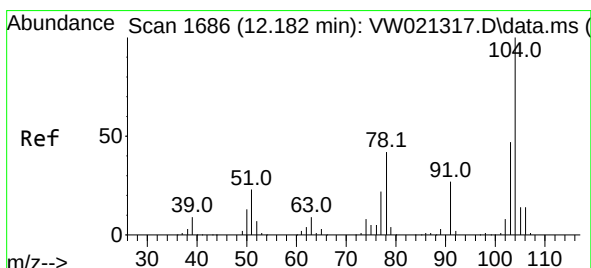
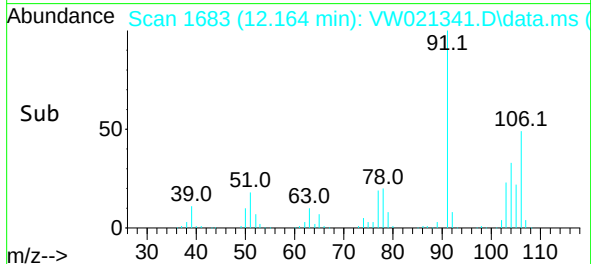
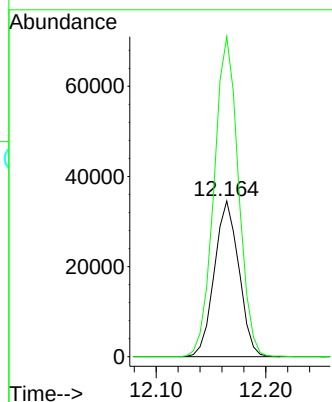
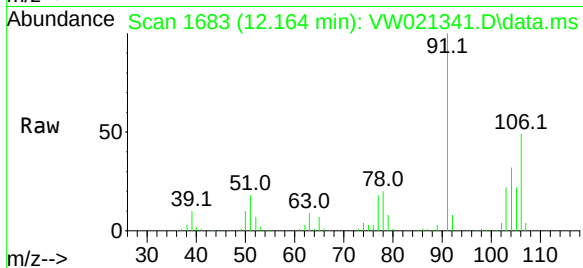




#54
o-Xylene
Concen: 22.128 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

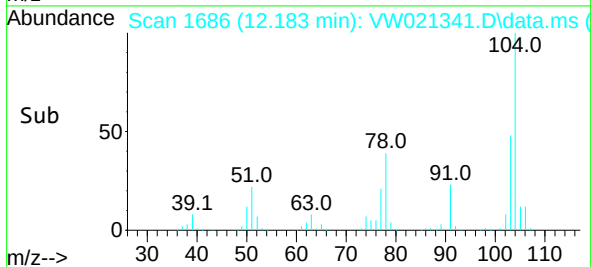
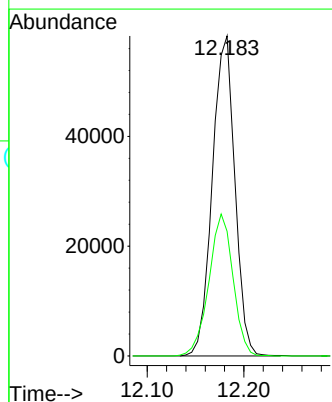
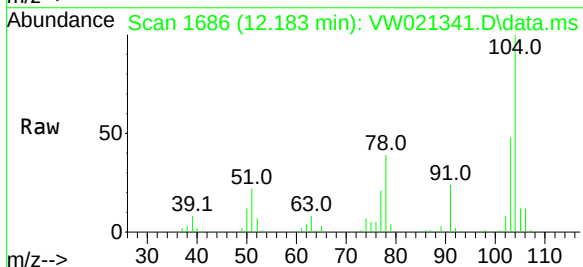
Instrument :
MSVOA_W
ClientSampleId :

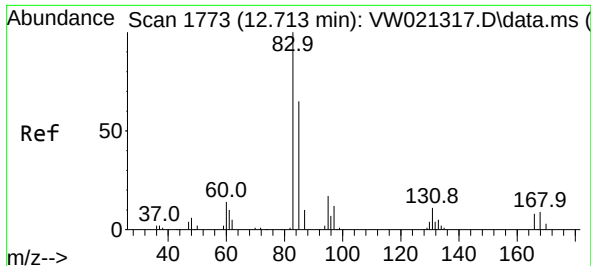
Tgt Ion:106 Resp: 53639
Ion Ratio Lower Upper
106 100
91 205.4 153.6 285.3



#55
Styrene
Concen: 22.809 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion:104 Resp: 94096
Ion Ratio Lower Upper
104 100
78 39.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.575 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

ClientSampleId :

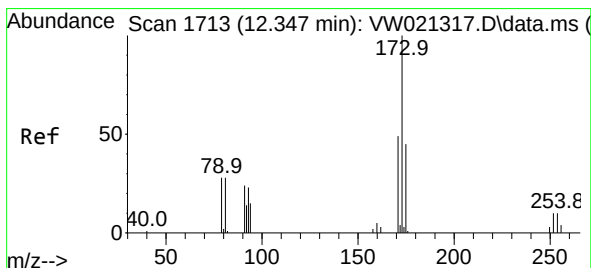
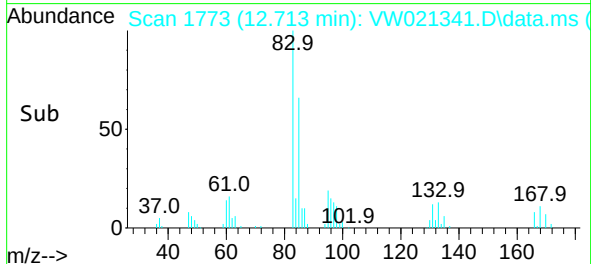
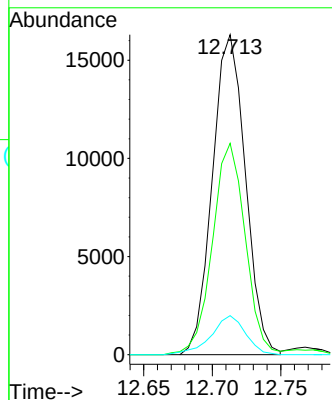
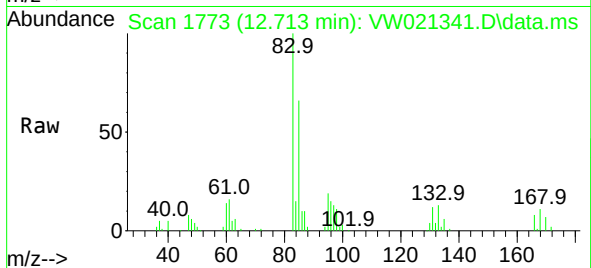
Tgt Ion: 83 Resp: 27339

Ion Ratio Lower Upper

83 100

85 66.0 44.0 81.6

131 12.2 6.9 10.3#



#59

Bromoform

Concen: 34.721 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

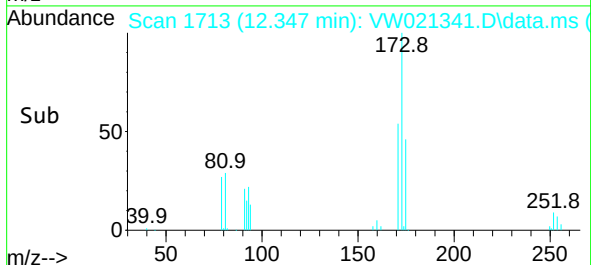
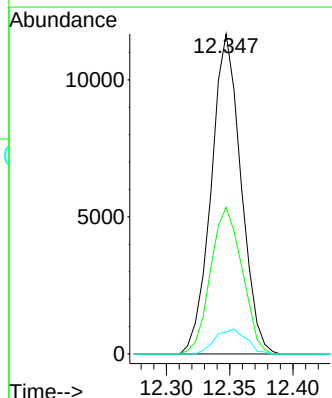
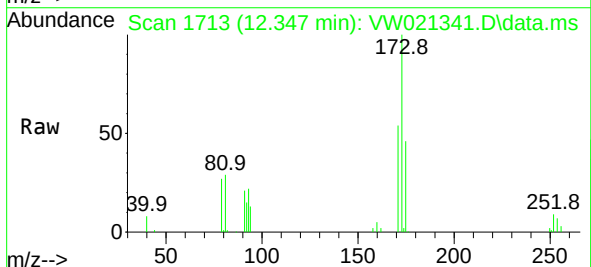
Tgt Ion:173 Resp: 19069

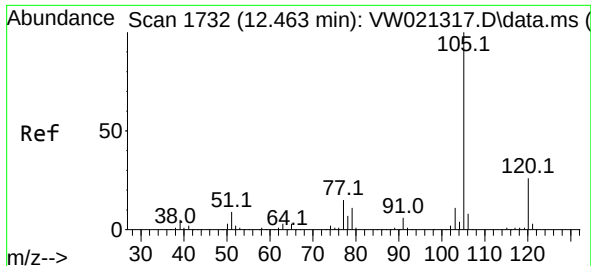
Ion Ratio Lower Upper

173 100

175 48.5 39.6 59.4

254 8.2 7.4 11.0

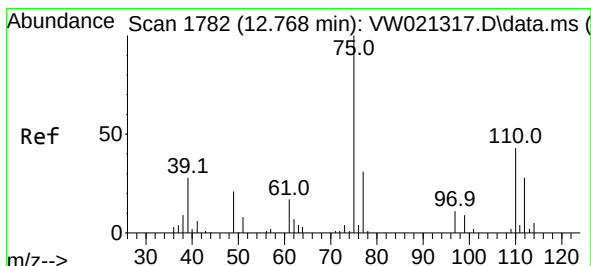
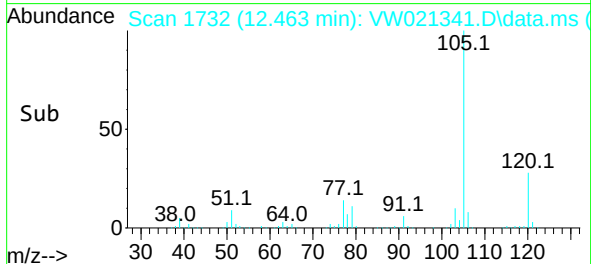
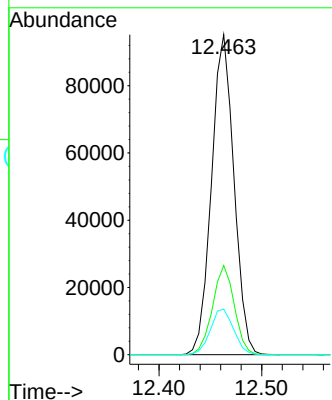
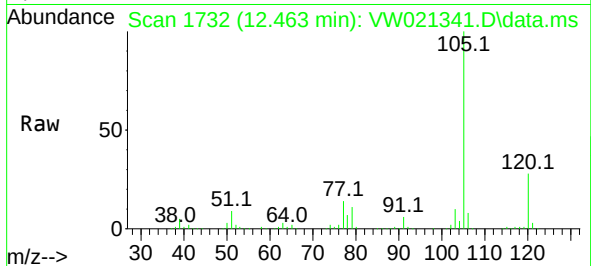




#60
Isopropylbenzene
Concen: 23.002 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

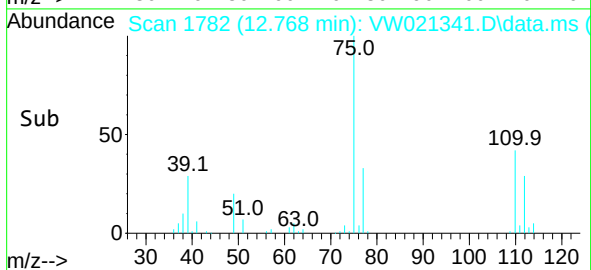
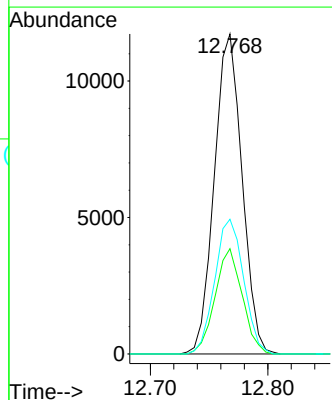
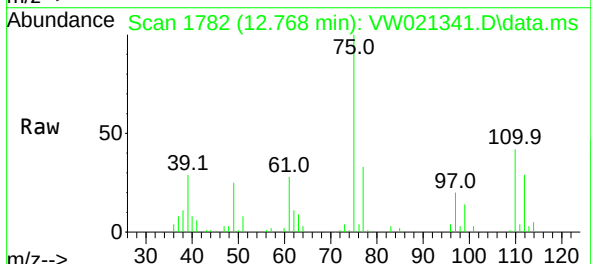
Instrument :
MSVOA_W
ClientSampleId :

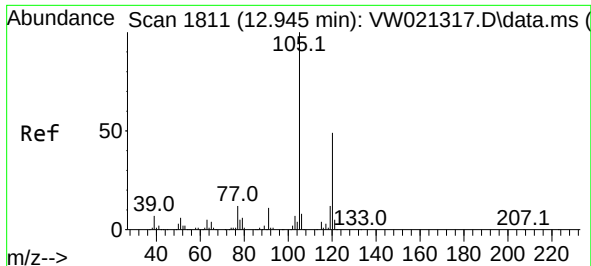
Tgt Ion:105 Resp: 144268
Ion Ratio Lower Upper
105 100
120 27.1 20.1 30.1
77 14.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 28.652 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion: 75 Resp: 19248
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 43.9 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.628 ug/L

RT: 12.939 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

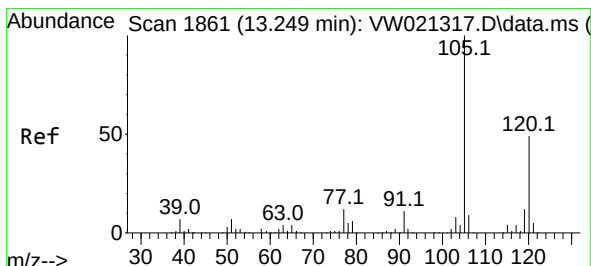
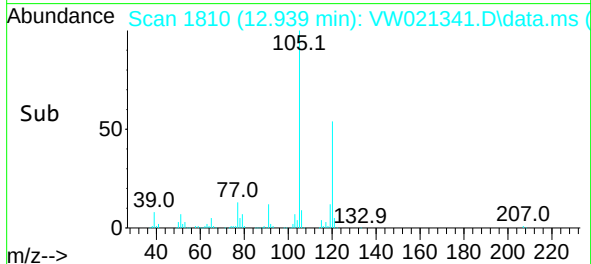
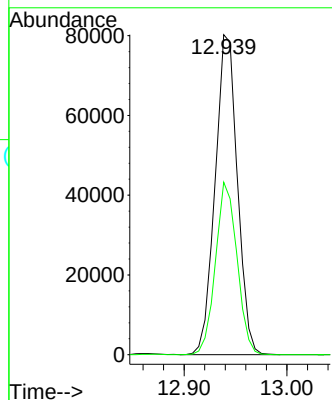
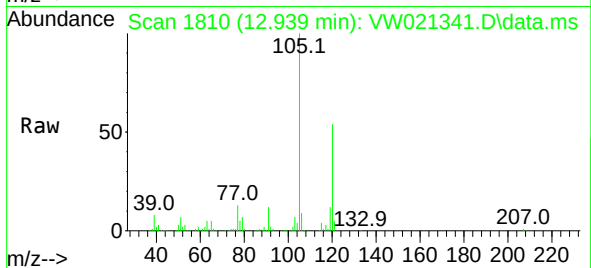
ClientSampleId :

Tgt Ion:105 Resp: 120766

Ion Ratio Lower Upper

105 100

120 52.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.874 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021341.D

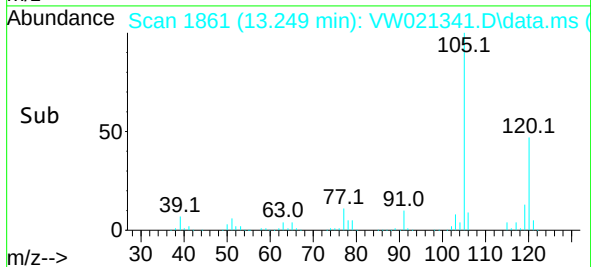
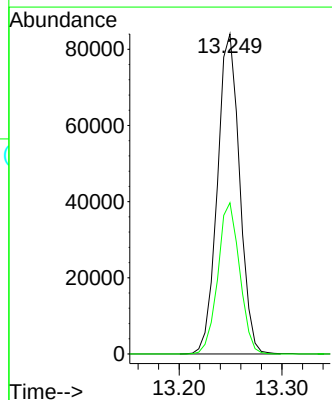
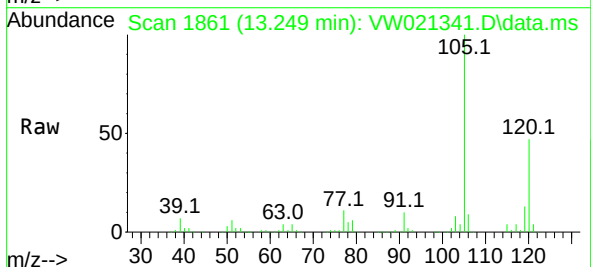
Acq: 12 Dec 2021 00:31

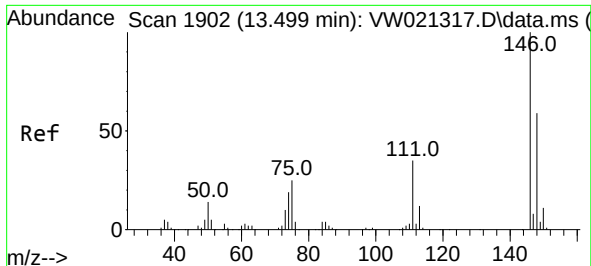
Tgt Ion:105 Resp: 125694

Ion Ratio Lower Upper

105 100

120 46.4 35.0 52.6

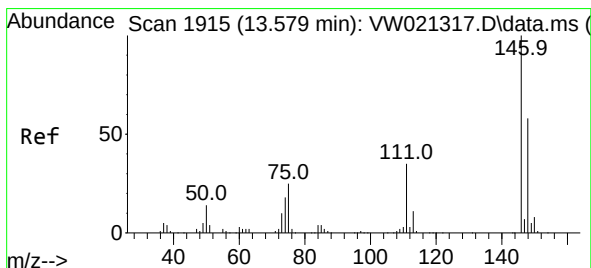
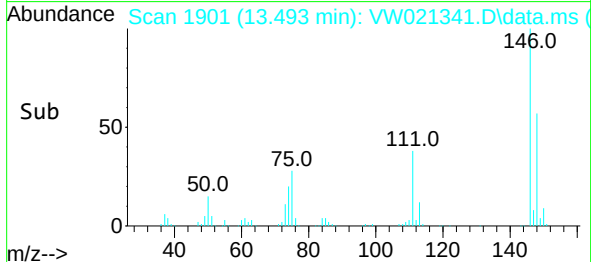
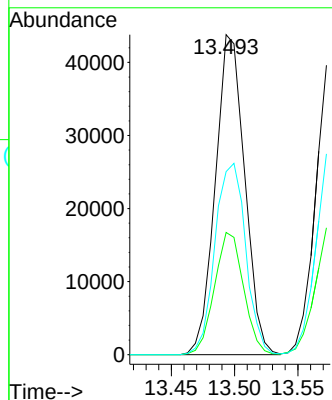
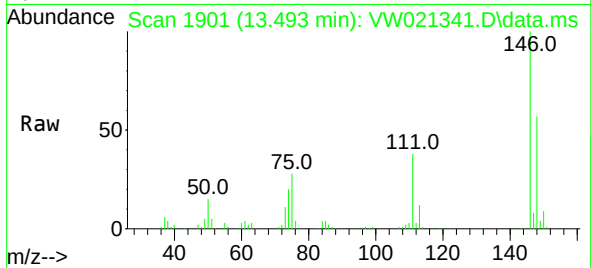




#64
1,3-Dichlorobenzene
Concen: 23.896 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

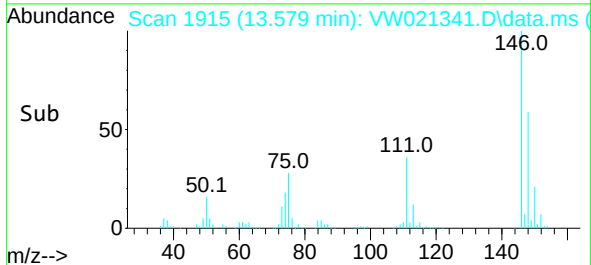
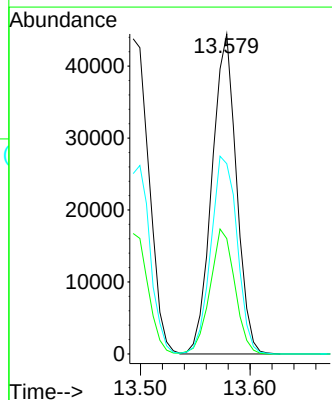
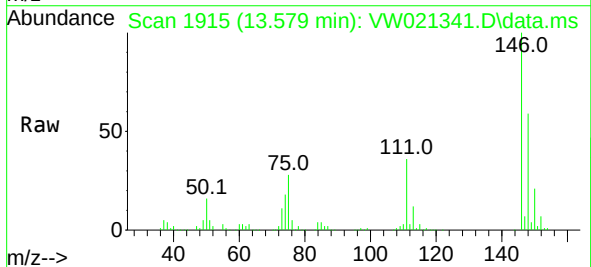
Instrument :
MSVOA_W
ClientSampleId :

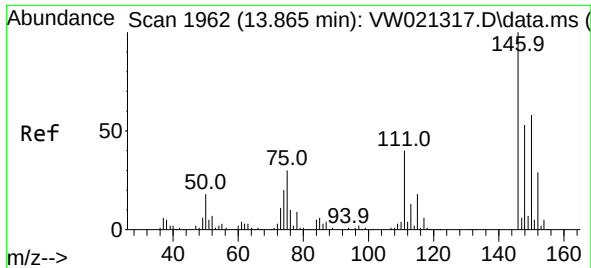
Tgt Ion:146 Resp: 70694
Ion Ratio Lower Upper
146 100
111 38.2 29.8 55.3
148 57.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.530 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021341.D
Acq: 12 Dec 2021 00:31

Tgt Ion:146 Resp: 69160
Ion Ratio Lower Upper
146 100
111 36.1 29.0 53.9
148 59.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.915 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

ClientSampleId :

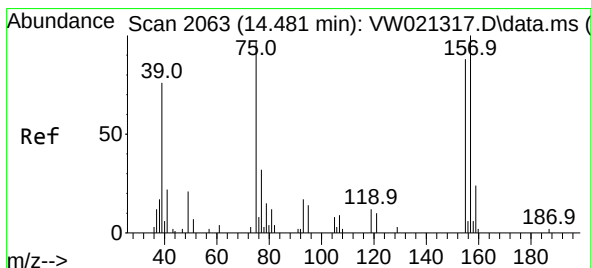
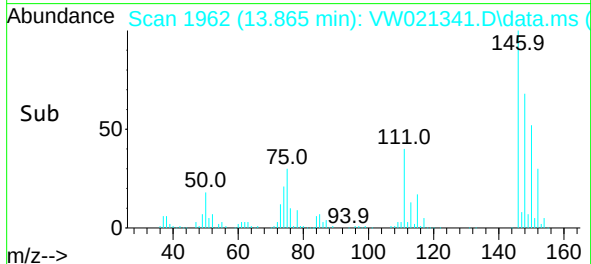
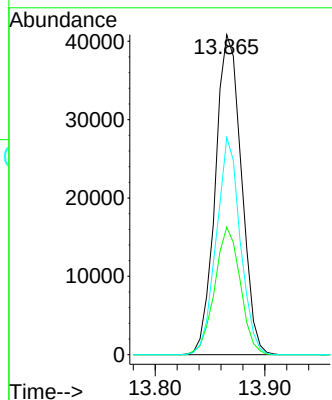
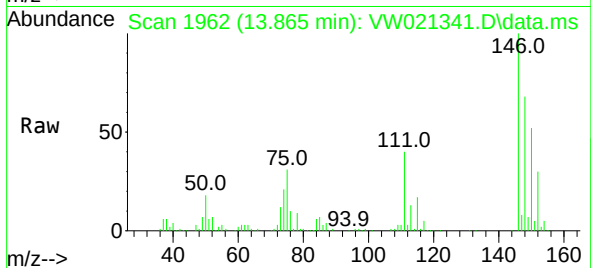
Tgt Ion:146 Resp: 67495

Ion Ratio Lower Upper

146 100

111 39.8 33.1 49.7

148 67.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 34.028 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

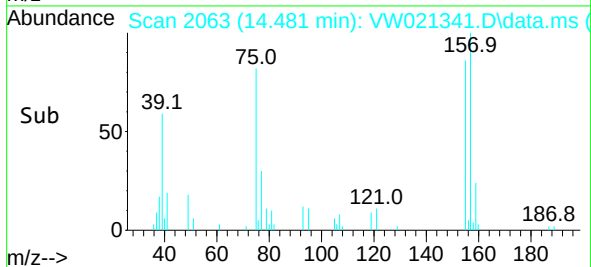
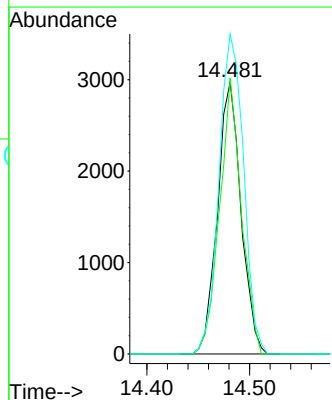
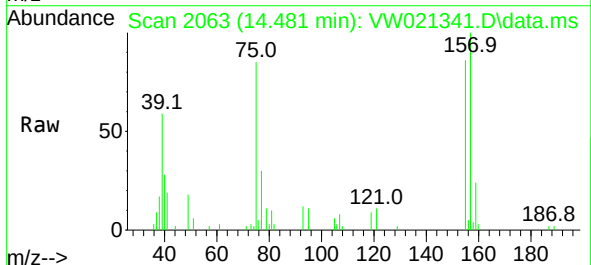
Tgt Ion: 75 Resp: 4715

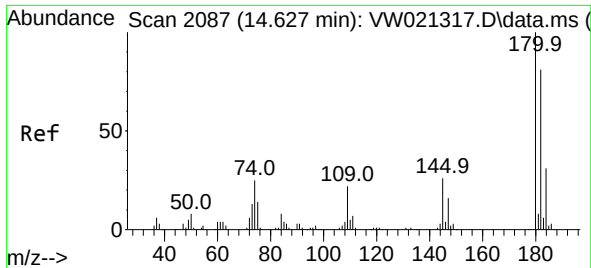
Ion Ratio Lower Upper

75 100

155 101.6 54.2 81.2#

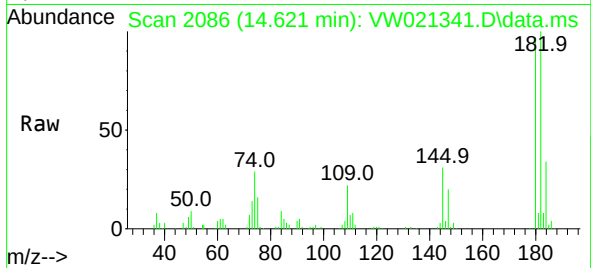
157 117.8 69.4 104.2#





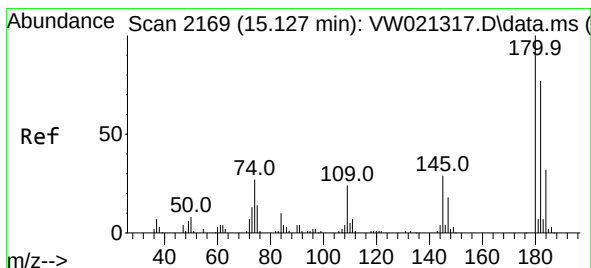
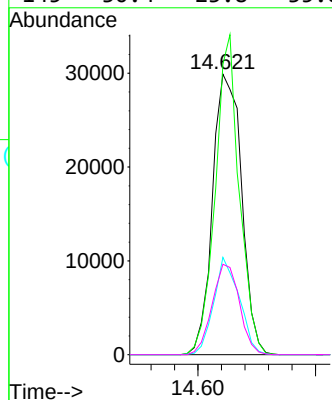
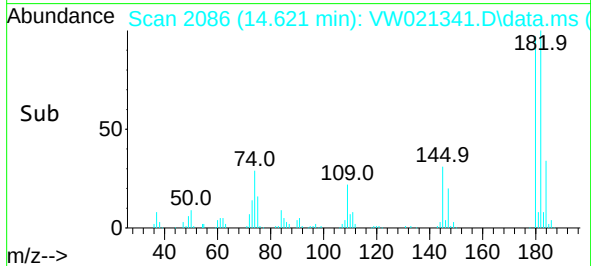
#69
 1,3,5-Trichlorobenzene
 Concen: 23.159 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW021341.D
 Acq: 12 Dec 2021 00:31

Instrument :
 MSVOA_W
 ClientSampleId :

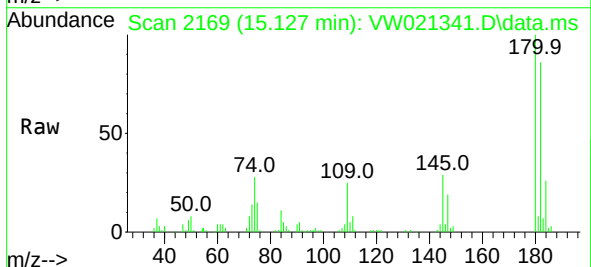


Tgt Ion:180 Resp: 51207

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.0
184	30.6	23.8	35.8
145	30.4	23.8	35.8

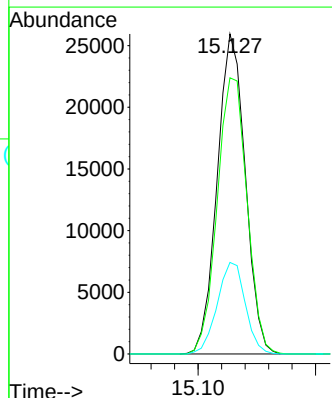
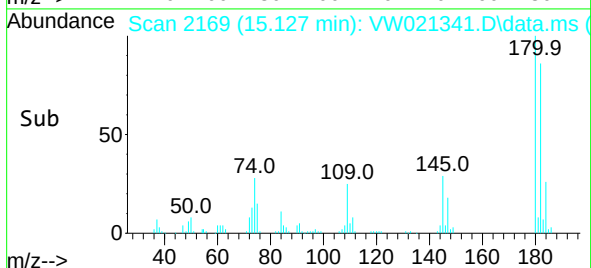


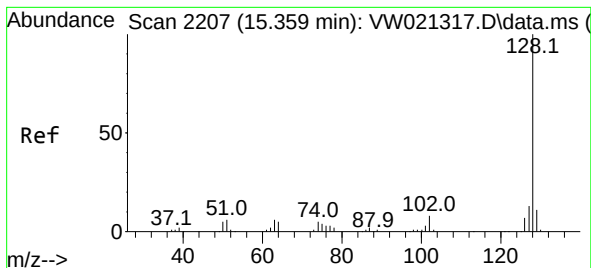
#70
 1,2,4-trichlorobenzene
 Concen: 24.218 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021341.D
 Acq: 12 Dec 2021 00:31



Tgt Ion:180 Resp: 43071

Ion	Ratio	Lower	Upper
180	100		
182	91.4	79.0	118.6
145	28.6	26.0	39.0





#71

Naphthalene

Concen: 28.244 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min MSVOA_W

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Instrument :

MSVOA_W

ClientSampleId :

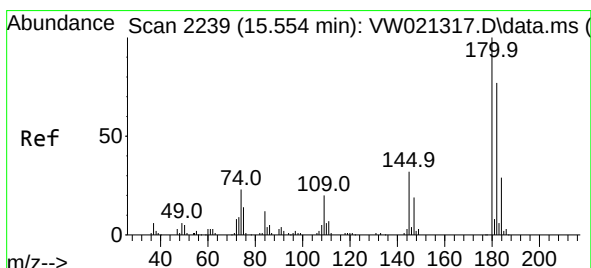
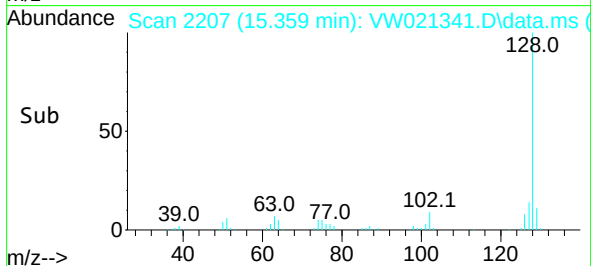
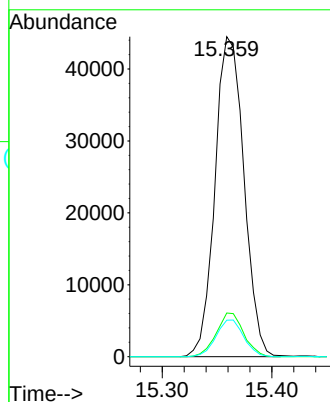
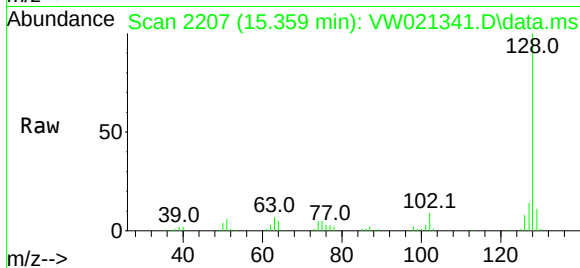
Tgt Ion:128 Resp: 81608

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 26.513 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW021341.D

Acq: 12 Dec 2021 00:31

Tgt Ion:180 Resp: 38969

Ion Ratio Lower Upper

180 100

182 92.7 76.6 114.8

145 30.3 27.4 41.0

