

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021032.D
 Acq On : 02 Dec 2021 08:17
 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 03 00:24:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	101820	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	98111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54583	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	25355	21.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.880%
7) Chloroethane-d5	2.879	69	20384	26.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.040%
11) 1,1-Dichloroethene-d2	4.013	63	49228	21.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.080	46	17625	59.788	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.580%
24) Chloroform-d	7.647	84	69163	26.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.840%
26) 1,2-Dichloroethane-d4	8.305	65	37253	28.607	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.440%
32) Benzene-d6	8.275	84	131467	25.424	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.680%
36) 1,2-Dichloropropane-d6	9.275	67	37760	25.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.560%
41) Toluene-d8	10.323	98	128869	25.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.440%
43) trans-1,3-Dichloroprop...	10.579	79	16615	23.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.927	63	14087	57.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.360%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33742	29.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	49601	25.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	8045	27.301	ug/L	100
3) Chloromethane	2.209	50	20567	22.957	ug/L	99
5) Vinyl chloride	2.355	62	37911	24.465	ug/L	98
6) Bromomethane	2.776	94	25127	29.243	ug/L	96
8) Chloroethane	2.916	64	16831	25.836	ug/L	92
9) Trichlorofluoromethane	3.251	101	19112	21.174	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33111	24.130	ug/L	91
12) 1,1-Dichloroethene	4.044	96	29255	22.932	ug/L	68
13) Acetone	4.129	43	11396	43.298	ug/L	95
14) Carbon disulfide	4.385	76	65252	18.912	ug/L	99
15) Methyl Acetate	4.678	43	13010	27.563	ug/L	# 82
16) Methylene chloride	4.916	84	33583	23.649	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	32851	23.892	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	54666	26.487	ug/L	94
19) 1,1-Dichloroethane	6.214	63	57327	25.163	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	37820	25.522	ug/L	71
22) 2-Butanone	7.171	43	17021	47.598	ug/L	86
23) Bromochloromethane	7.513	128	17376	25.649	ug/L	# 71
25) Chloroform	7.677	83	65573	26.334	ug/L	94

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

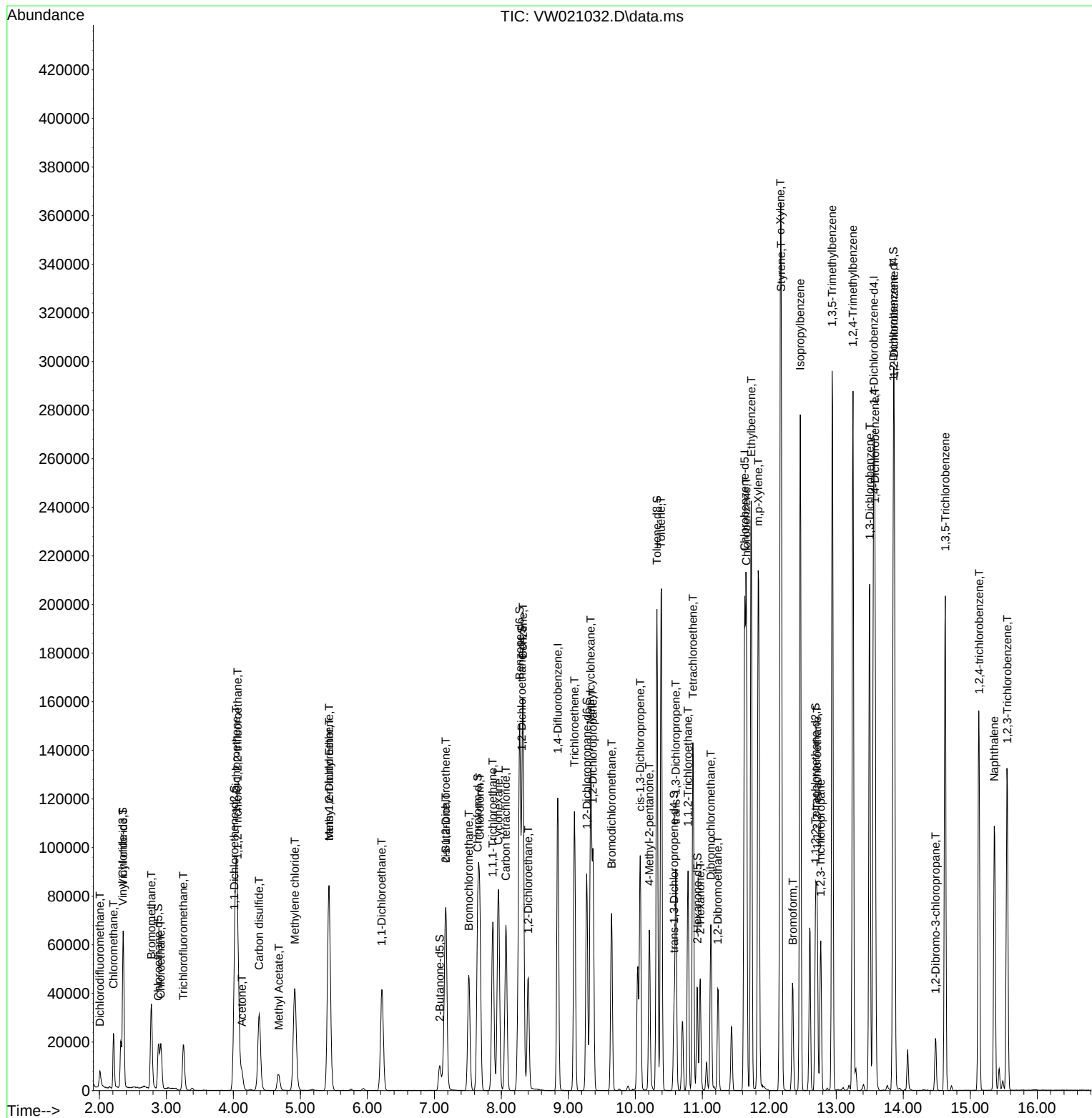
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	41353	27.426	ug/L	96
29) Cyclohexane	7.958	56	44472	20.332	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	54898	23.268	ug/L	94
31) Carbon tetrachloride	8.067	117	49611	22.217	ug/L	100
33) Benzene	8.324	78	134449	24.203	ug/L	100
34) Trichloroethene	9.092	95	36961	23.788	ug/L	90
35) Methylcyclohexane	9.336	83	54730	21.364	ug/L	86
37) 1,2-Dichloropropane	9.366	63	31878	24.658	ug/L #	96
38) Bromodichloromethane	9.646	83	47028	25.348	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	51399	24.079	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	41391	53.790	ug/L #	93
42) Toluene	10.384	91	152195	24.358	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	45913	24.474	ug/L	95
45) 1,1,2-Trichloroethane	10.787	97	26938	26.791	ug/L	96
46) Tetrachloroethene	10.860	164	30592	21.444	ug/L	75
48) 2-Hexanone	10.969	43	28587	53.633	ug/L #	97
49) Dibromochloromethane	11.128	129	34776	25.087	ug/L	93
50) 1,2-Dibromoethane	11.232	107	26830	26.615	ug/L	95
51) Chlorobenzene	11.658	112	103213	24.836	ug/L	91
52) Ethylbenzene	11.731	91	171787	24.811	ug/L	95
53) m,p-Xylene	11.835	106	70378	24.897	ug/L	91
54) o-Xylene	12.164	106	66954	24.662	ug/L	91
55) Styrene	12.176	104	112574	24.973	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	31819	28.551	ug/L #	98
59) Bromoform	12.353	173	19998	24.572	ug/L	98
60) Isopropylbenzene	12.463	105	177172	23.832	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	22442	28.030	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.939	105	155450	24.787	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	153400	24.791	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	85510	24.533	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	83737	23.816	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	75972	24.735	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	4943	25.824	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	63667	23.062	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	50991	22.577	ug/L	96
71) Naphthalene	15.359	128	95090	25.839	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44044	23.110	ug/L	97

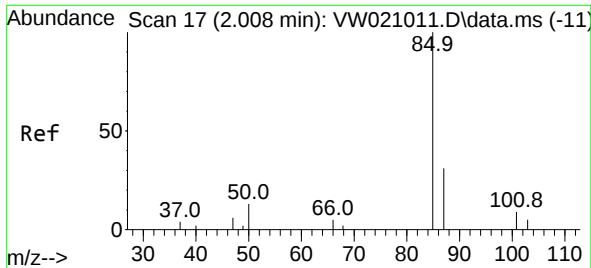
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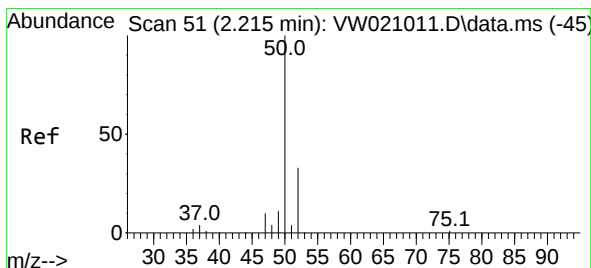
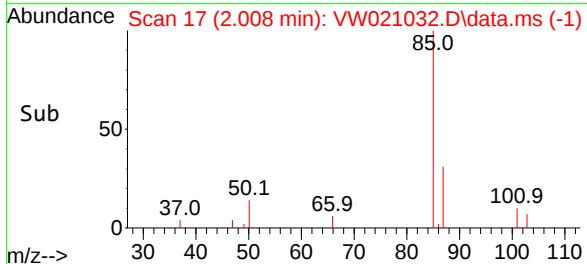
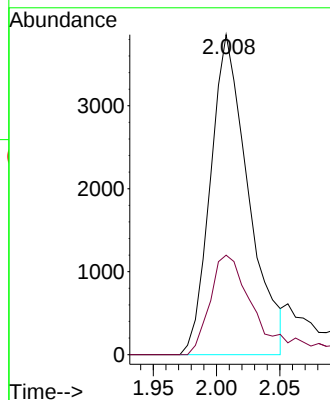
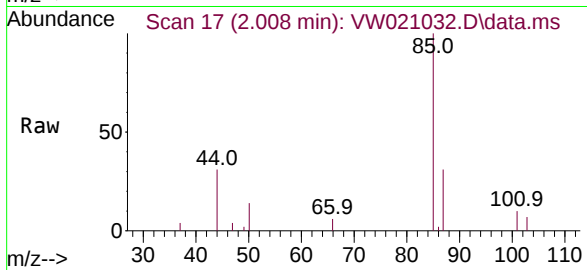




#2
 Dichlorodifluoromethane
 Concen: 27.301 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021032.D
 Acq: 02 Dec 2021 08:17

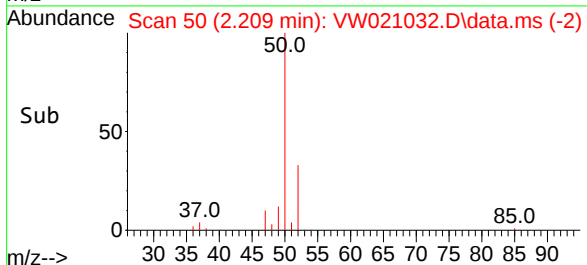
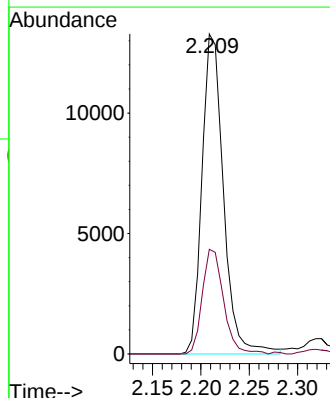
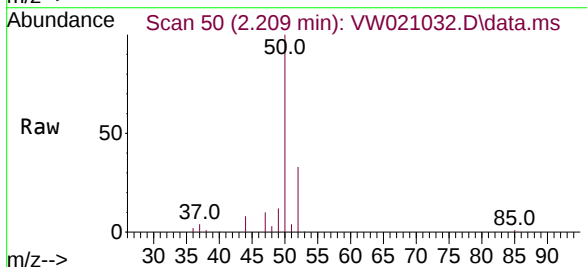
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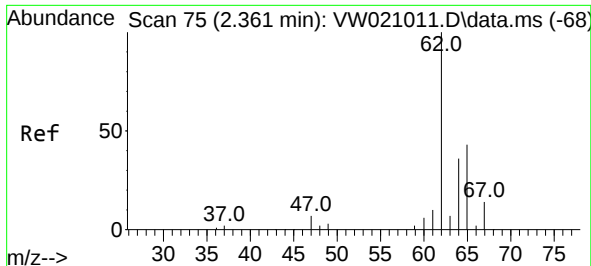
Tgt Ion: 85 Resp: 8045
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 22.957 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021032.D
 Acq: 02 Dec 2021 08:17

Tgt Ion: 50 Resp: 20567
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.6

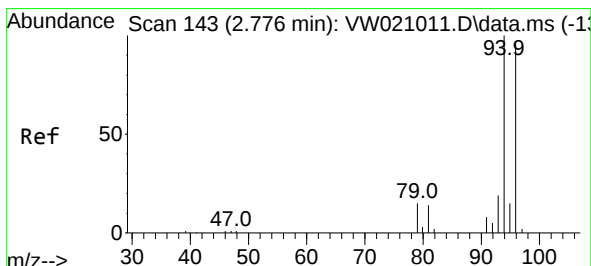
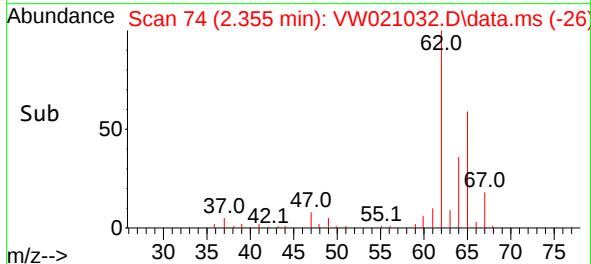
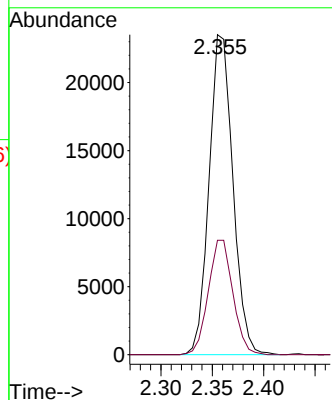
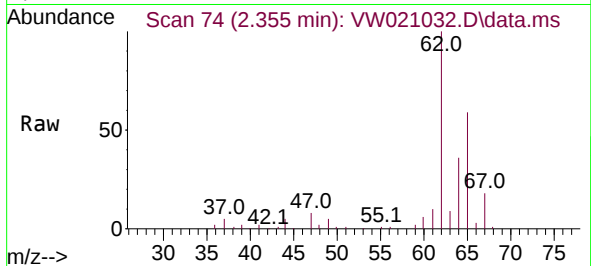




#5
 Vinyl chloride
 Concen: 24.465 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021032.D
 Acq: 02 Dec 2021 08:17

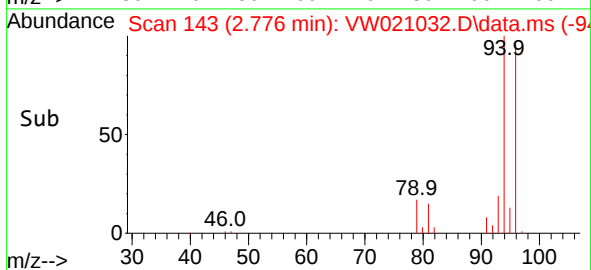
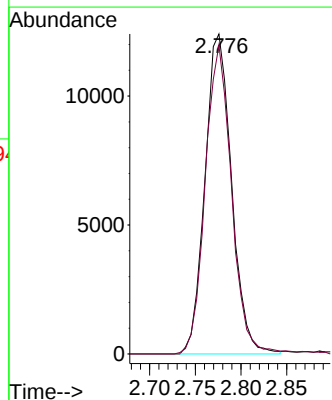
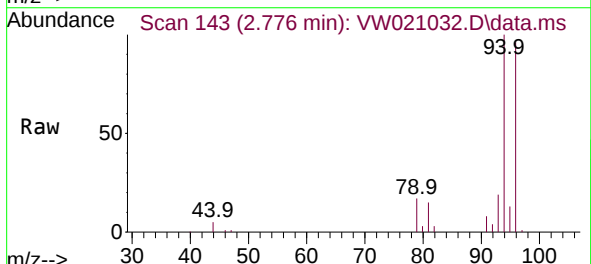
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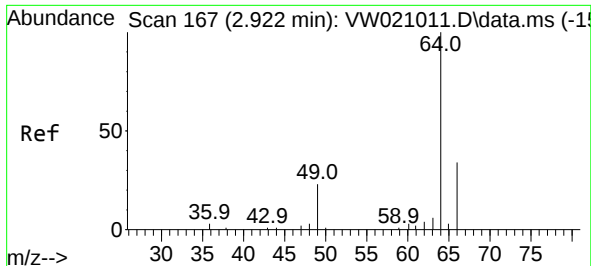
Tgt Ion: 62 Resp: 37911
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.4 45.2



#6
 Bromomethane
 Concen: 29.243 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021032.D
 Acq: 02 Dec 2021 08:17

Tgt Ion: 94 Resp: 25127
 Ion Ratio Lower Upper
 94 100
 96 96.5 64.8 120.4

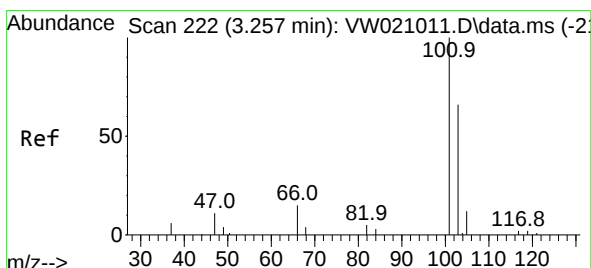
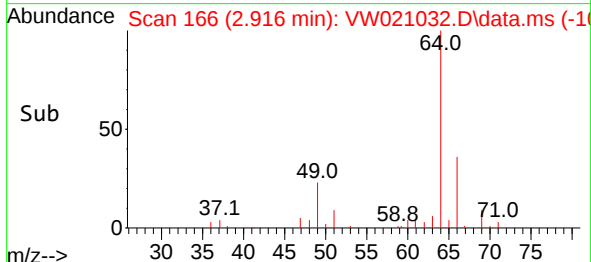
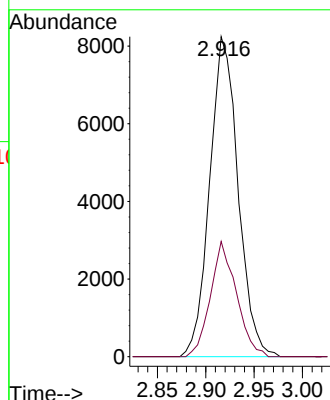
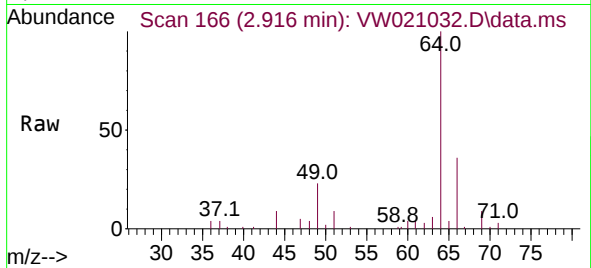




#8
Chloroethane
Concen: 25.836 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

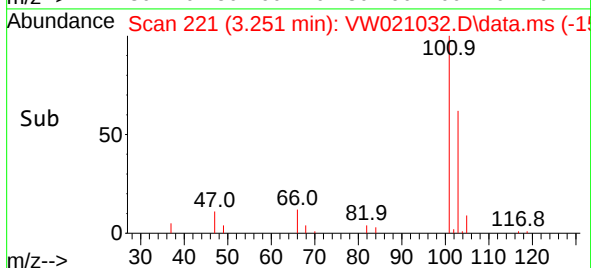
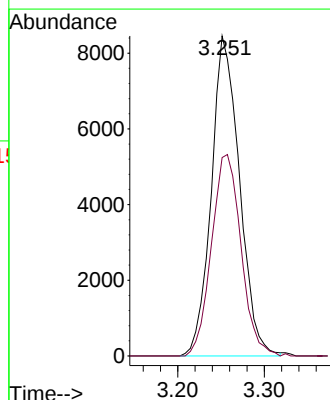
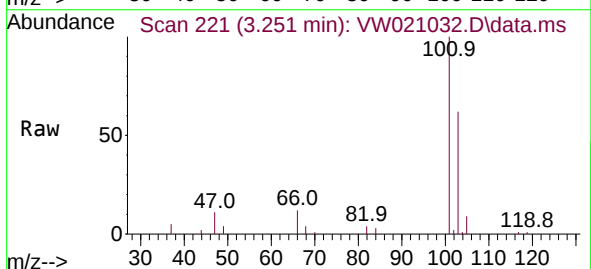
Instrument :
MSVOA_W
ClientSampleId :

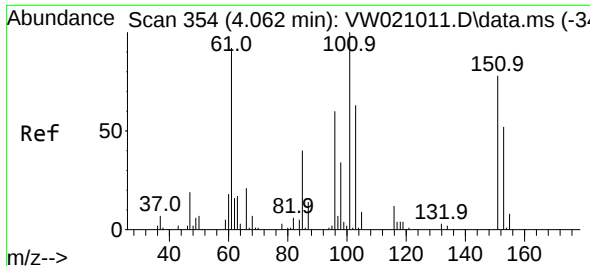
Tgt Ion: 64 Resp: 16831
Ion Ratio Lower Upper
64 100
66 36.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.174 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Tgt Ion: 101 Resp: 19112
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

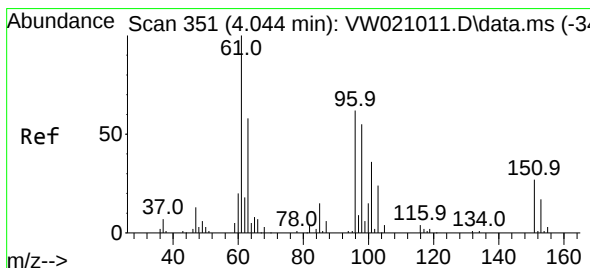
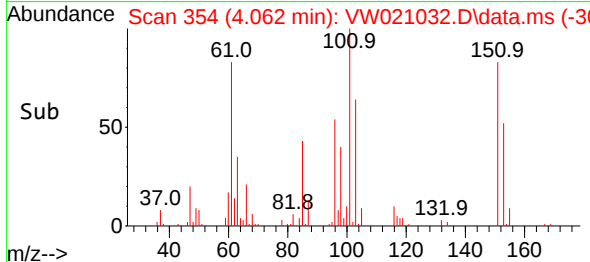
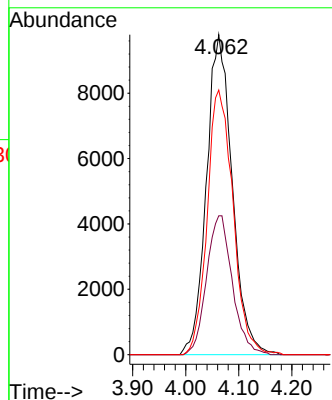
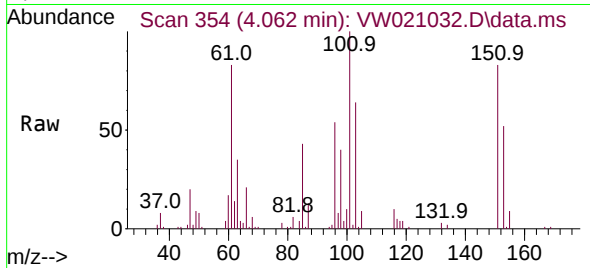




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.130 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW021032.D
 Acq: 02 Dec 2021 08:17

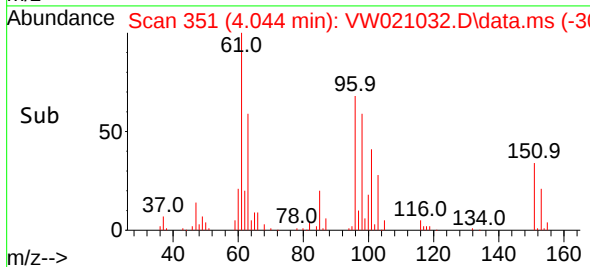
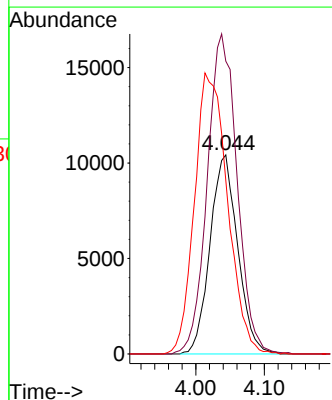
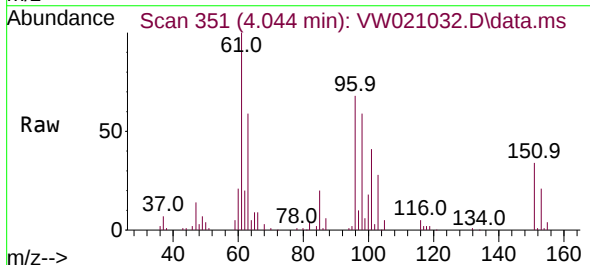
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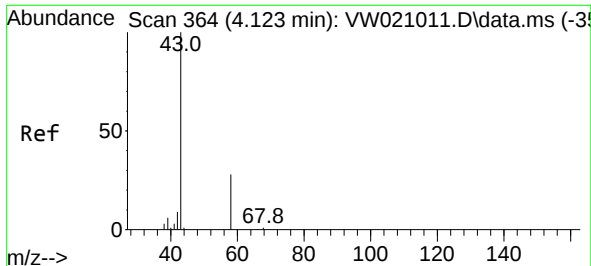
Tgt Ion:101 Resp: 33111
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.6 54.8
 151 82.6 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.932 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW021032.D
 Acq: 02 Dec 2021 08:17

Tgt Ion: 96 Resp: 29255
 Ion Ratio Lower Upper
 96 100
 61 147.1 138.3 256.9
 63 87.2 82.6 153.4

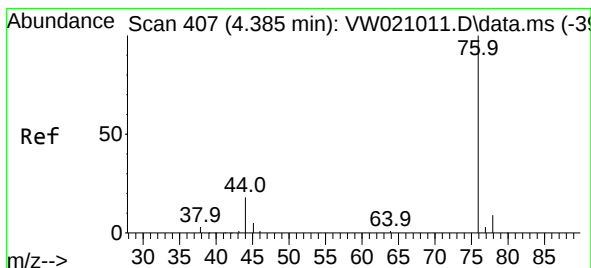
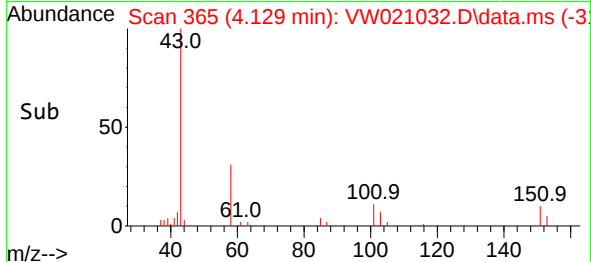
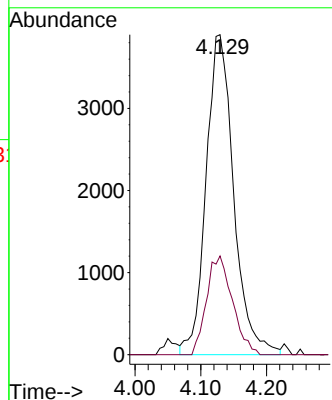
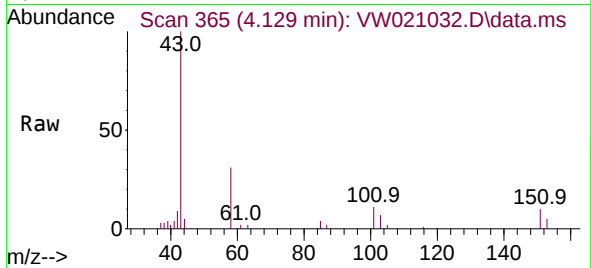




#13
Acetone
Concen: 43.298 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

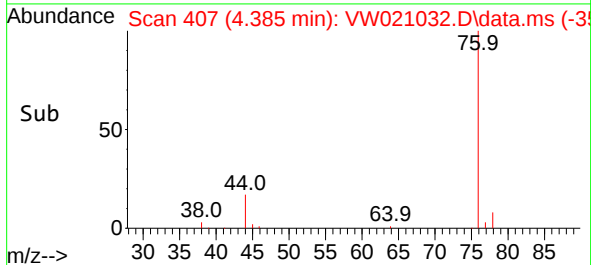
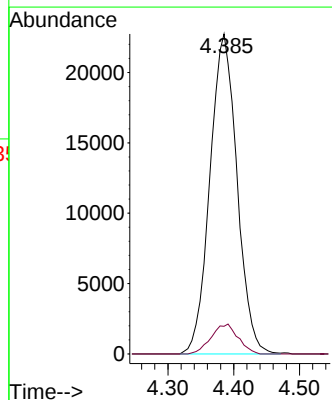
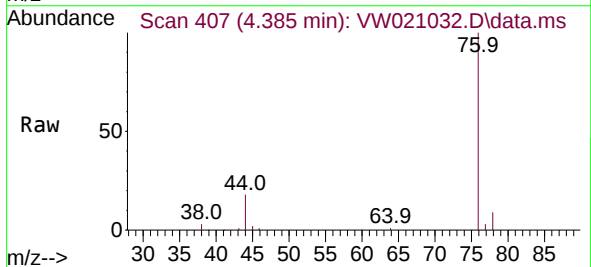
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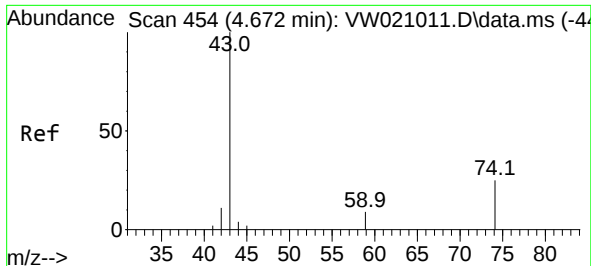
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Ion Ratio Lower Upper
43 100
58 28.9 0.0 52.8



#14
Carbon disulfide
Concen: 18.912 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 65252
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

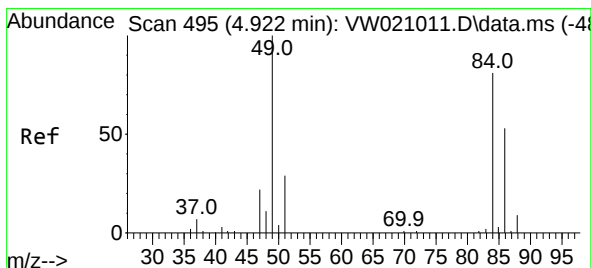
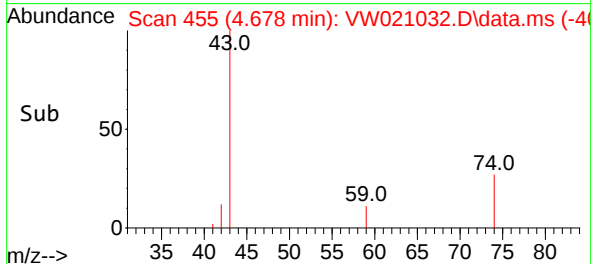
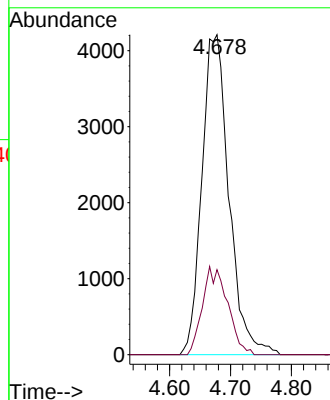
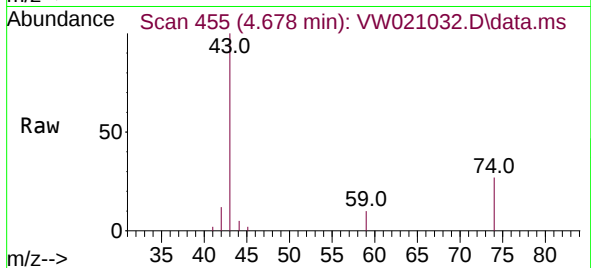




#15
Methyl Acetate
Concen: 27.563 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

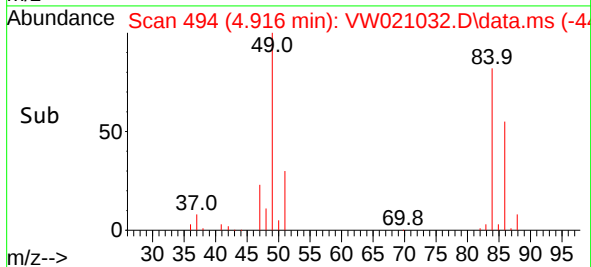
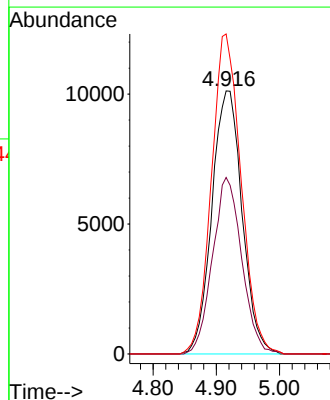
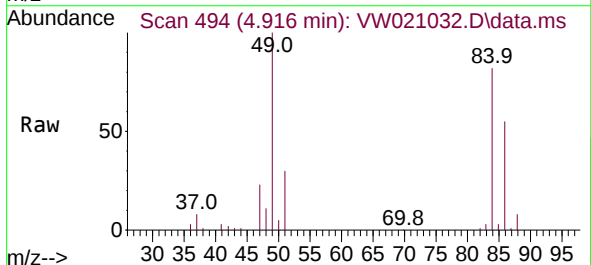
Instrument :
MSVOA_W
ClientSampleId :

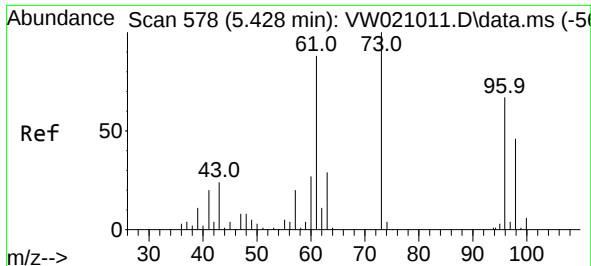
Tgt Ion: 43 Resp: 13010
Ion Ratio Lower Upper
43 100
74 12.2 16.4 24.6#



#16
Methylene chloride
Concen: 23.649 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Tgt Ion: 84 Resp: 33583
Ion Ratio Lower Upper
84 100
86 67.1 45.5 84.5
49 121.7 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.892 ug/L

RT: 5.428 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

ClientSampleId :

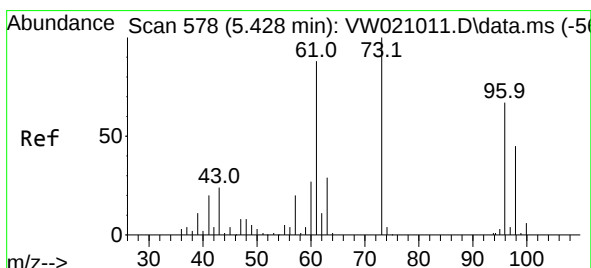
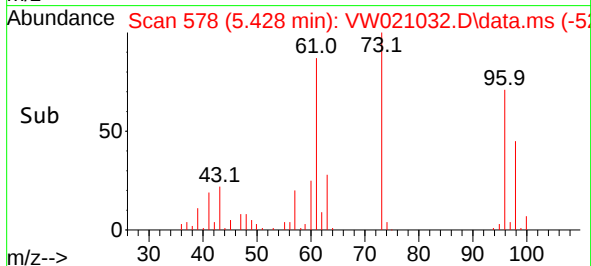
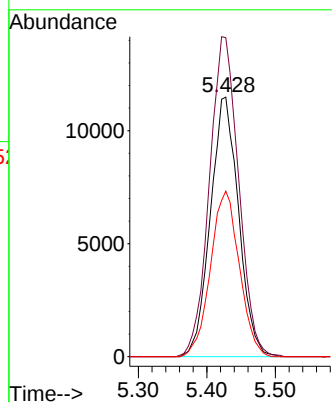
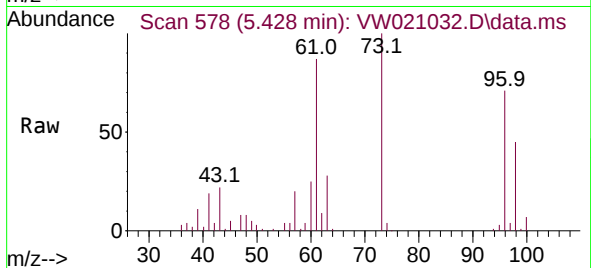
Tgt Ion: 96 Resp: 32851

Ion Ratio Lower Upper

96 100

61 122.9 107.4 199.4

98 63.8 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 26.487 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

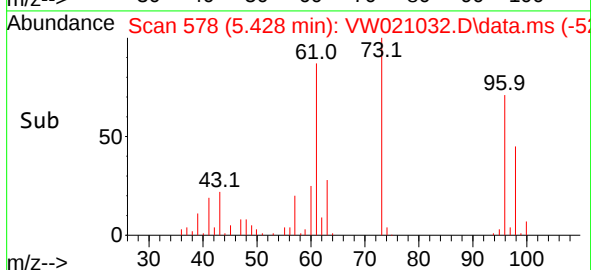
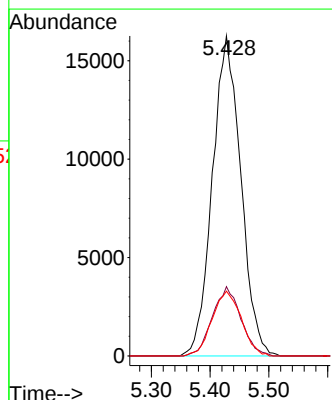
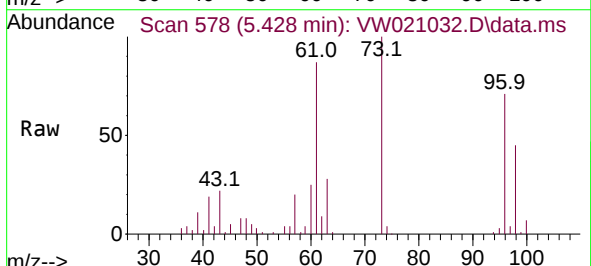
Tgt Ion: 73 Resp: 54666

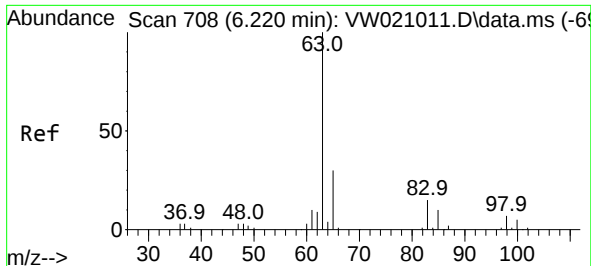
Ion Ratio Lower Upper

73 100

43 21.7 19.5 29.3

57 20.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.163 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021032.D

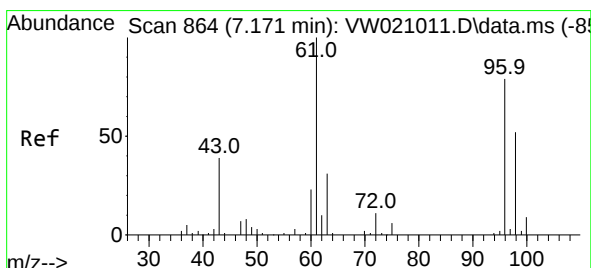
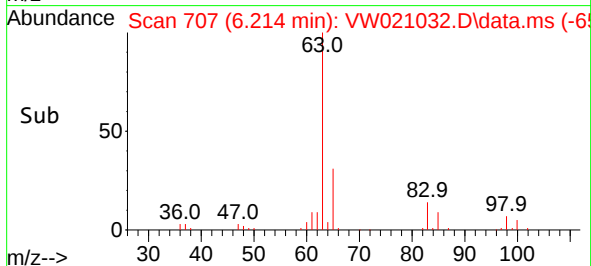
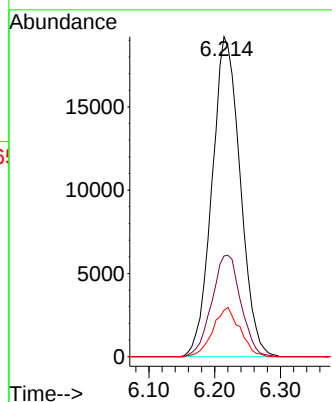
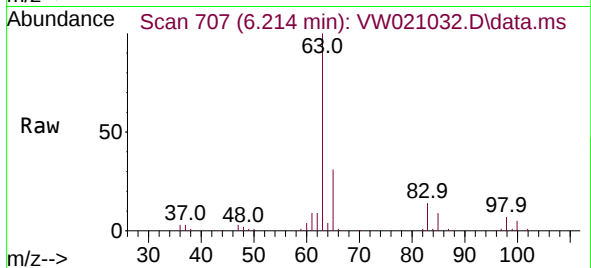
Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	57327
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.1	41.1
83	14.5	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 25.522 ug/L

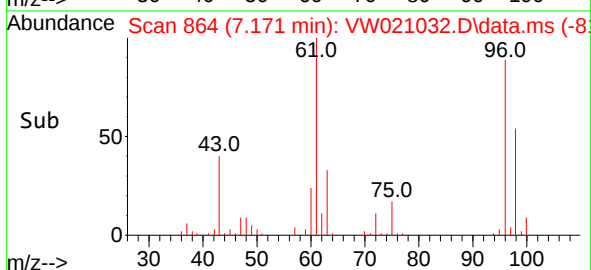
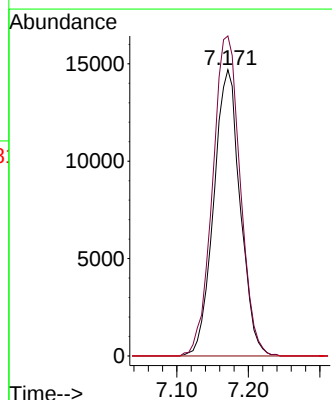
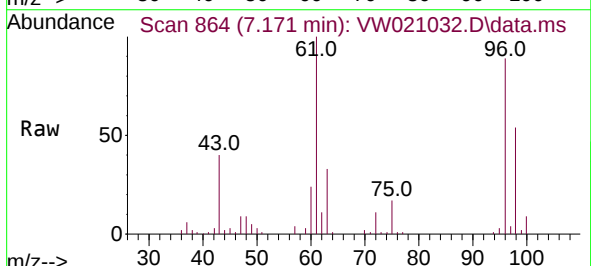
RT: 7.171 min Scan# 864

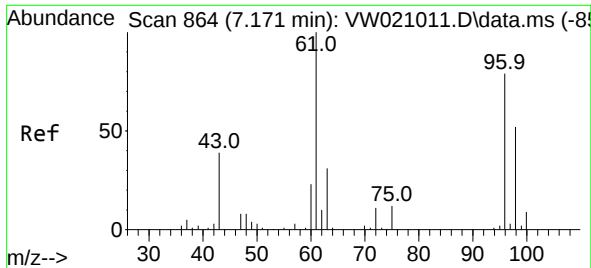
Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Tgt Ion:	96	Resp:	37820
Ion	Ratio	Lower	Upper
96	100		
61	111.8	103.7	192.7
68	0.0	0.0	0.0

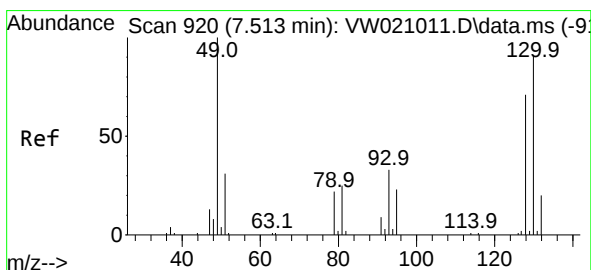
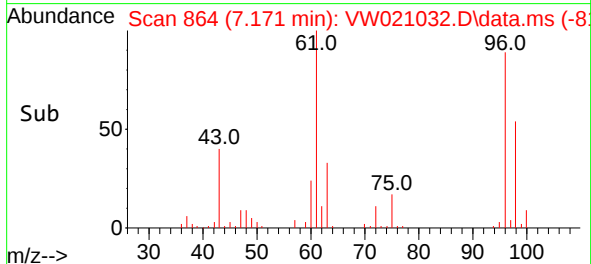
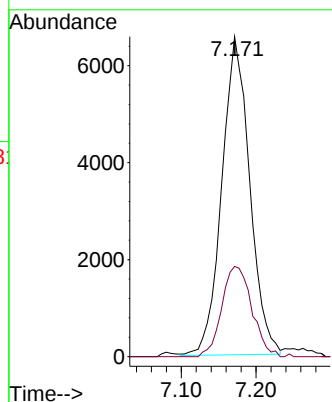
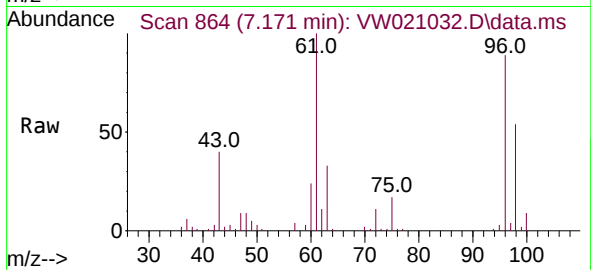




#22
2-Butanone
Concen: 47.598 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

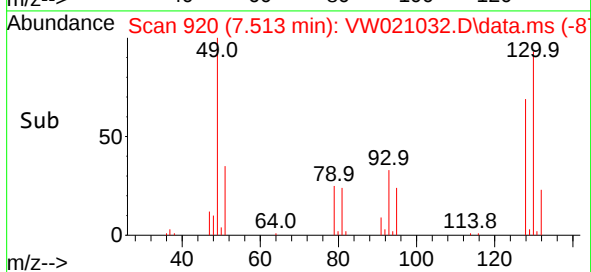
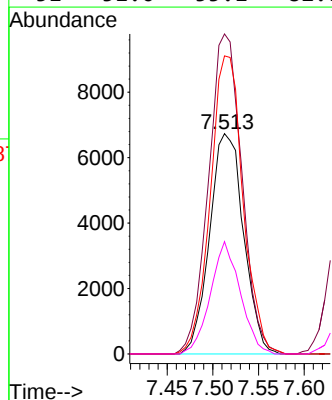
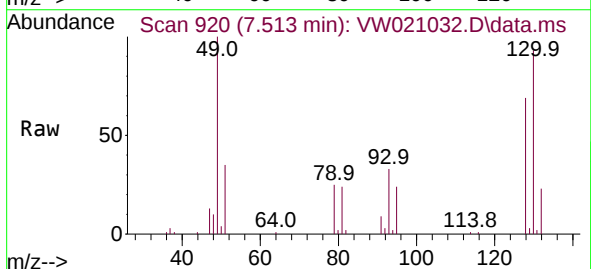
Instrument :
MSVOA_W
ClientSampleId :

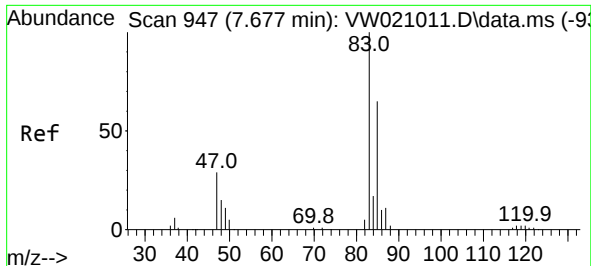
Tgt Ion: 43 Resp: 17021
Ion Ratio Lower Upper
43 100
72 30.5 11.8 35.4



#23
Bromochloromethane
Concen: 25.649 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Tgt Ion:128 Resp: 17376
Ion Ratio Lower Upper
128 100
49 145.2 150.3 279.1#
130 135.3 88.3 163.9
51 51.0 55.1 82.7#

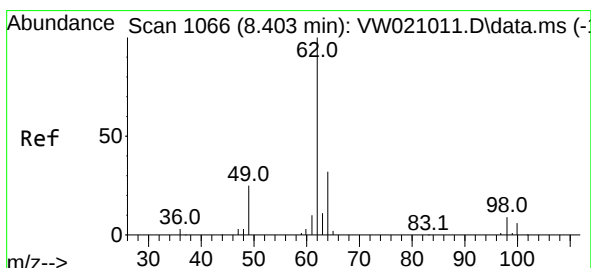
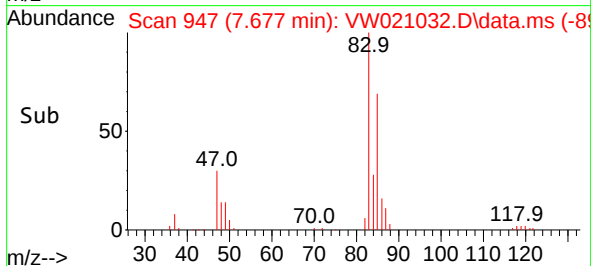
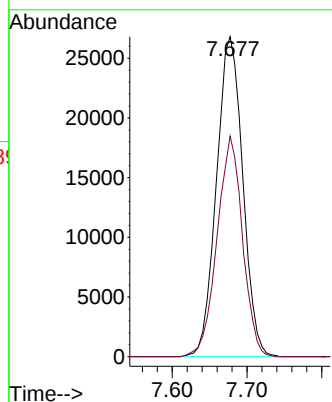
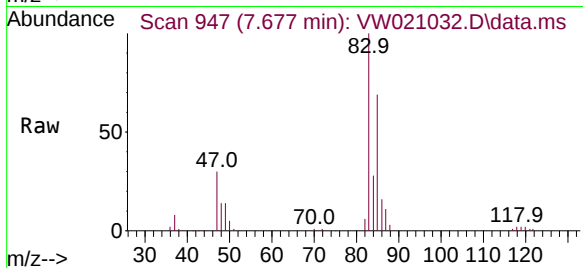




#25
Chloroform
Concen: 26.334 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

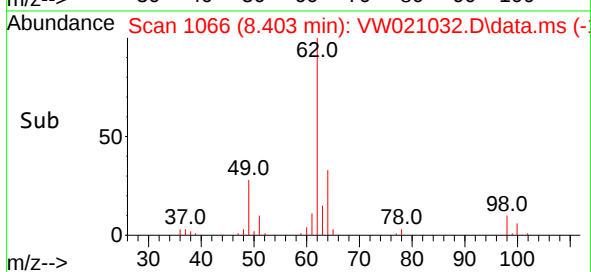
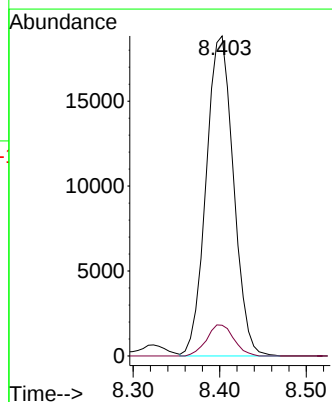
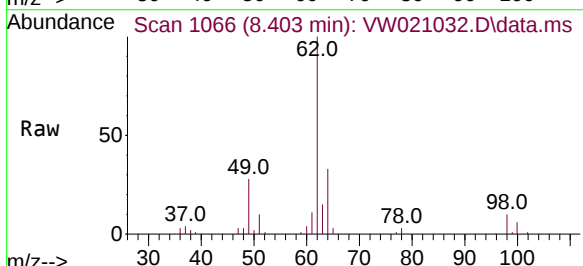
Instrument :
MSVOA_W
ClientSampleId :

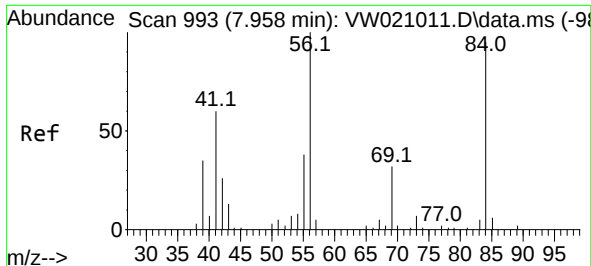
Tgt Ion: 83 Resp: 65573
Ion Ratio Lower Upper
83 100
85 69.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.426 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

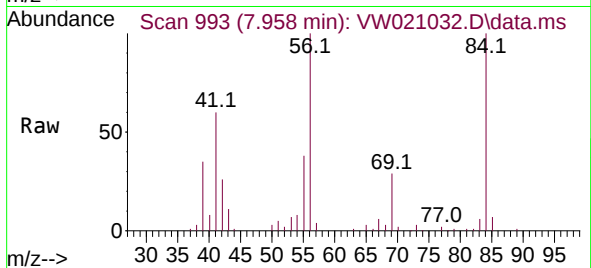
Tgt Ion: 62 Resp: 41353
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7



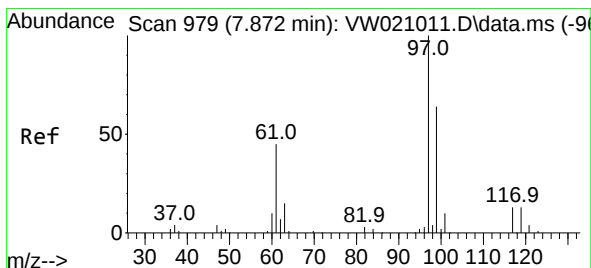
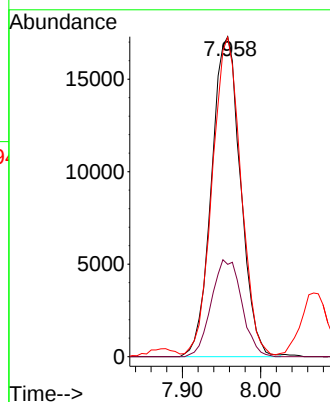
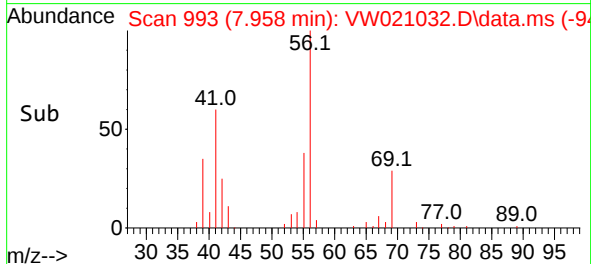


#29
Cyclohexane
Concen: 20.332 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Instrument :
MSVOA_W
ClientSampleId :

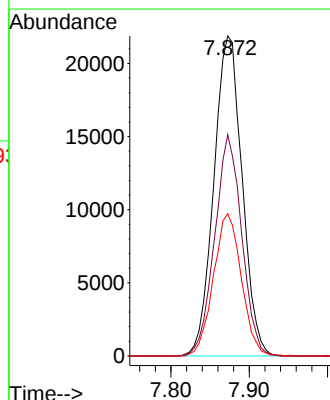
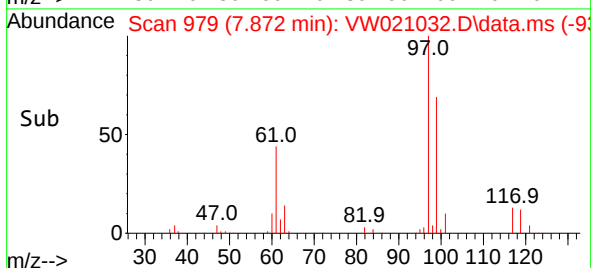
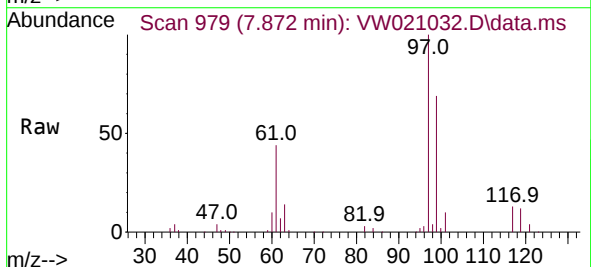


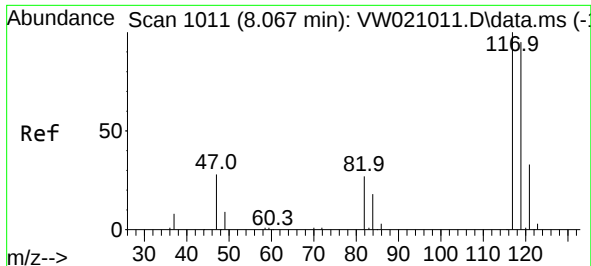
Tgt Ion: 56 Resp: 44472
Ion Ratio Lower Upper
56 100
69 31.7 23.5 35.3
84 99.0 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 23.268 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

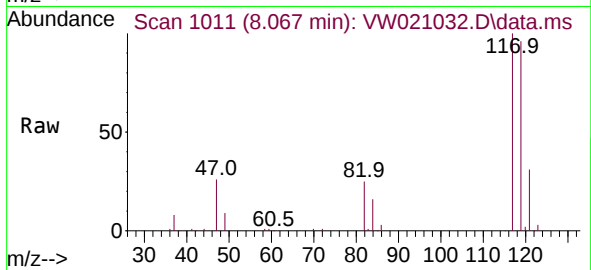
Tgt Ion: 97 Resp: 54898
Ion Ratio Lower Upper
97 100
99 66.1 51.6 77.4
61 43.8 40.9 61.3



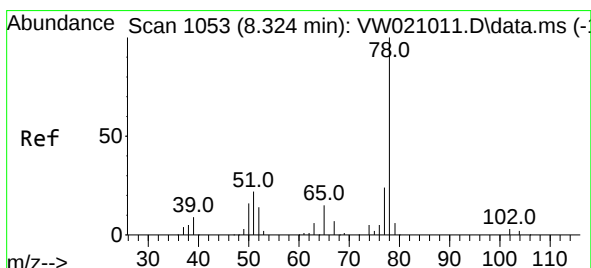
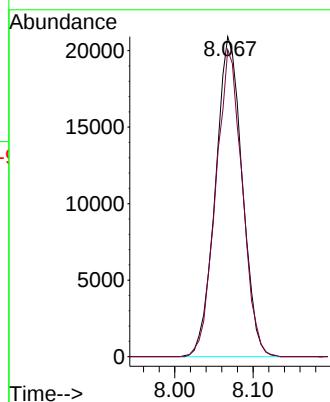
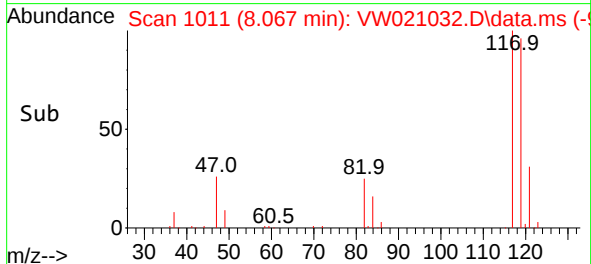


#31
Carbon tetrachloride
Concen: 22.217 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Instrument :
MSVOA_W
ClientSampleId :

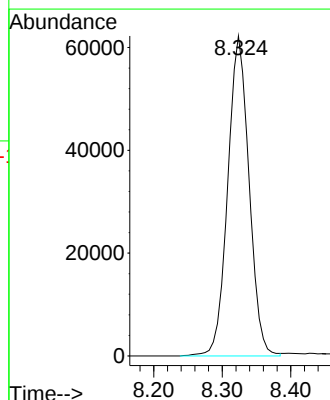
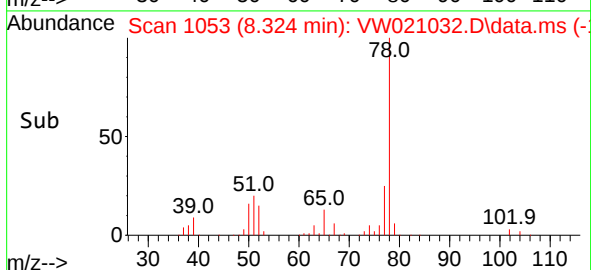
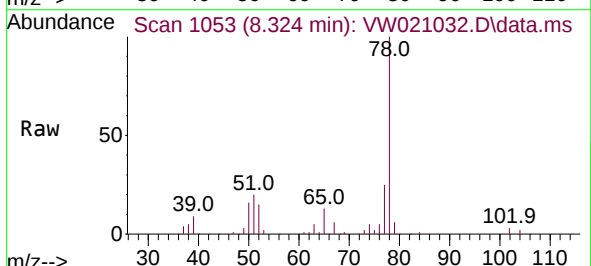


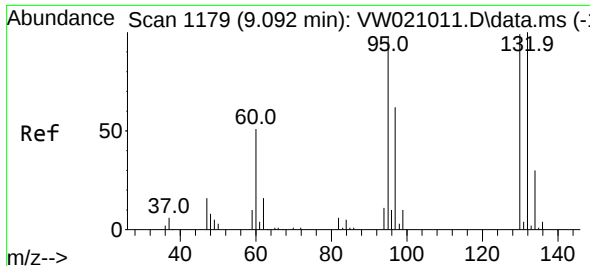
Tgt Ion:117 Resp: 49611
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5



#33
Benzene
Concen: 24.203 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Tgt Ion: 78 Resp: 134449





#34

Trichloroethene

Concen: 23.788 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

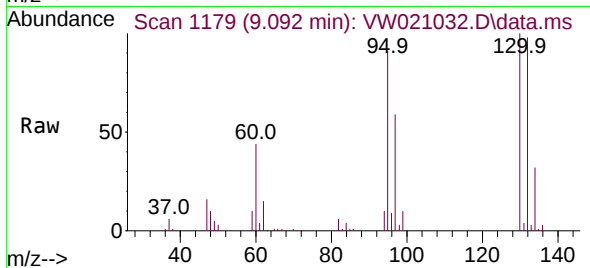
Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 36961

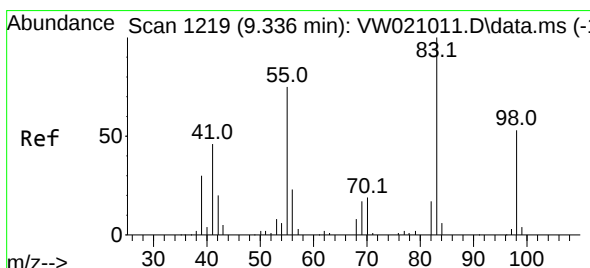
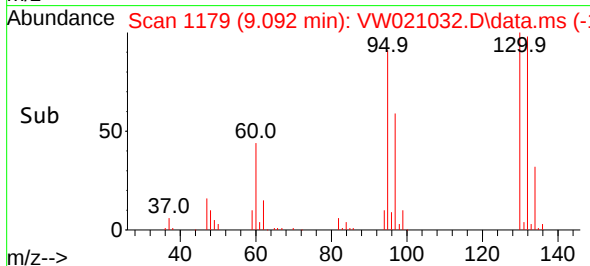
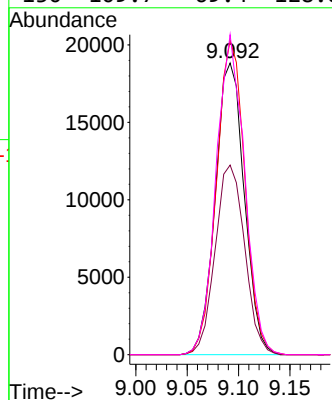
Ion Ratio Lower Upper

95 100

97 65.0 47.0 87.2

132 107.7 65.5 121.6

130 109.7 69.4 128.8



#35

Methylcyclohexane

Concen: 21.364 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

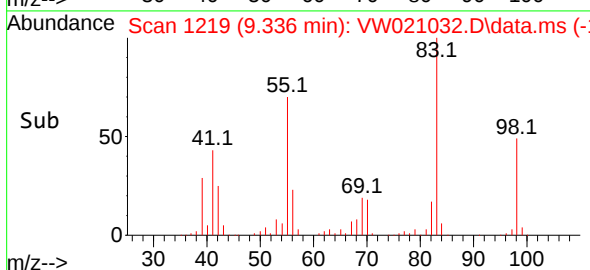
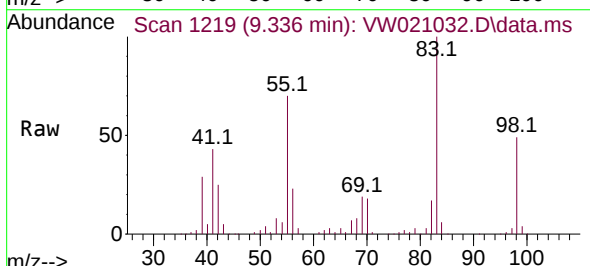
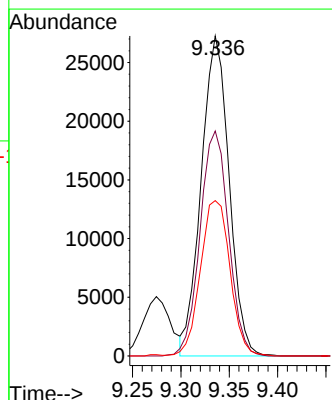
Tgt Ion: 83 Resp: 54730

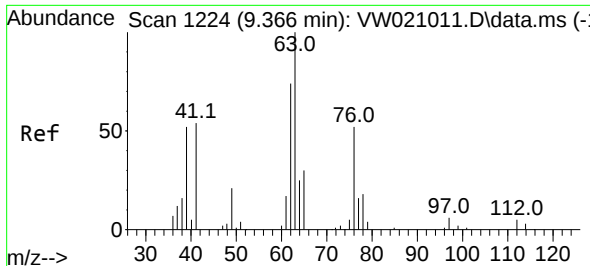
Ion Ratio Lower Upper

83 100

55 71.7 70.8 106.2

98 51.7 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.658 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

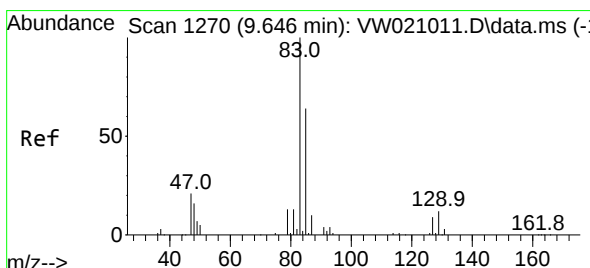
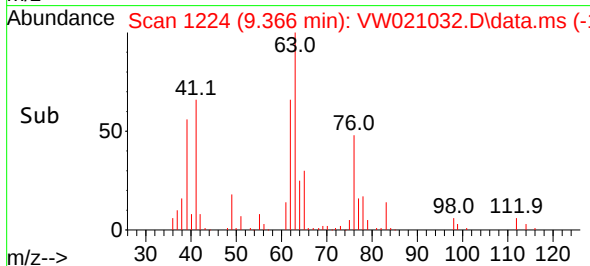
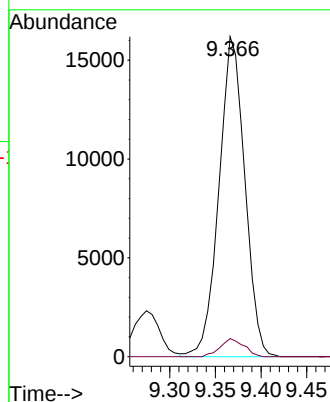
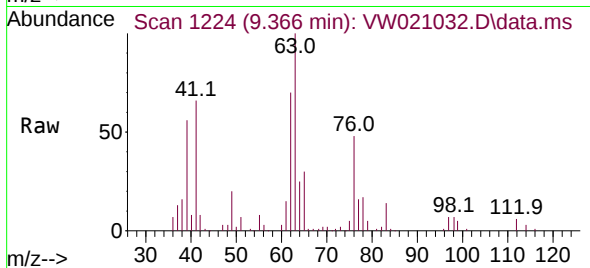
ClientSampleId :

Tgt Ion: 63 Resp: 31878

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.348 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

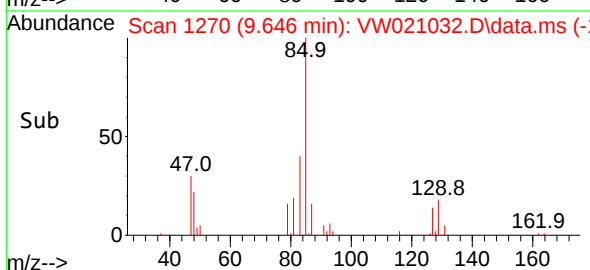
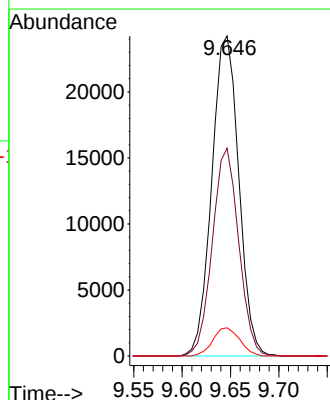
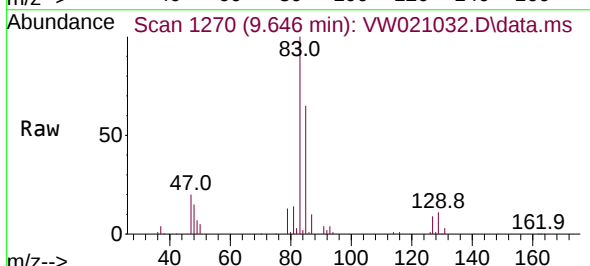
Tgt Ion: 83 Resp: 47028

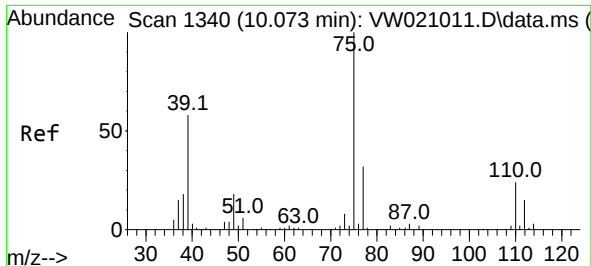
Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9

127 8.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 24.079 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

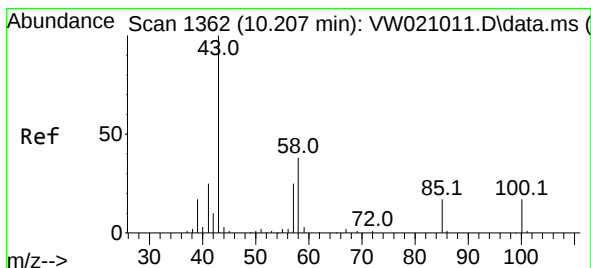
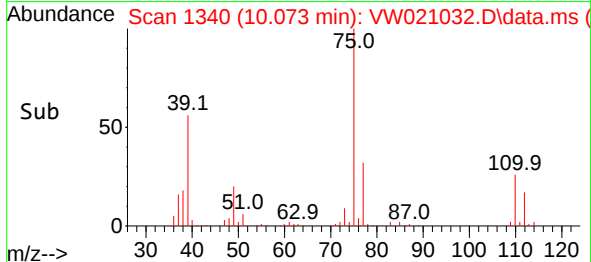
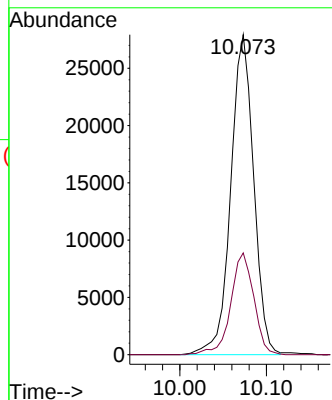
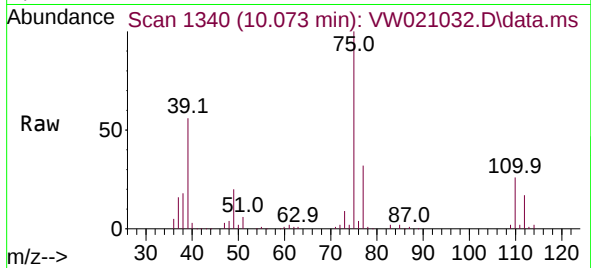
ClientSampleId :

Tgt Ion: 75 Resp: 51399

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.790 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

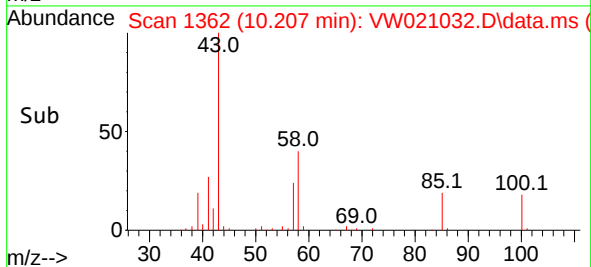
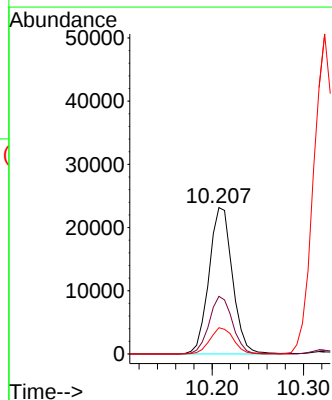
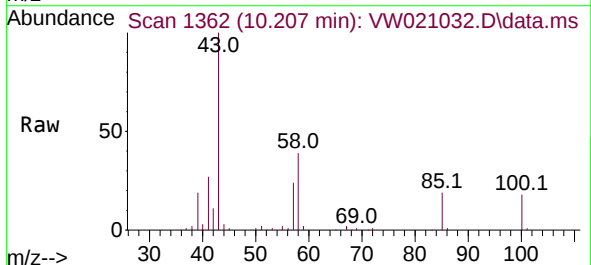
Tgt Ion: 43 Resp: 41391

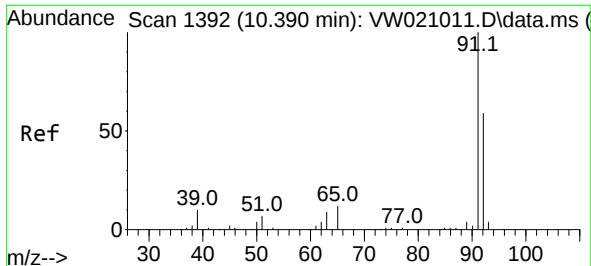
Ion Ratio Lower Upper

43 100

58 38.9 28.8 43.2

100 17.9 10.0 15.0#

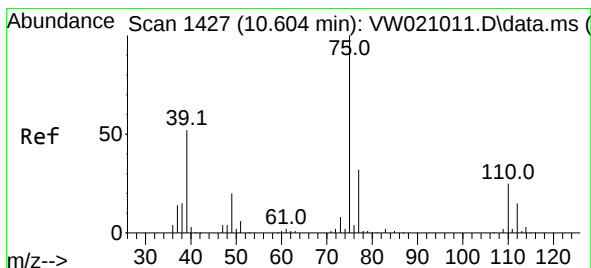
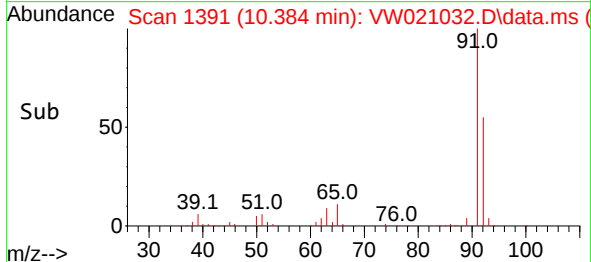
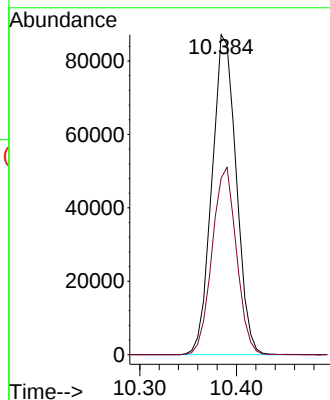
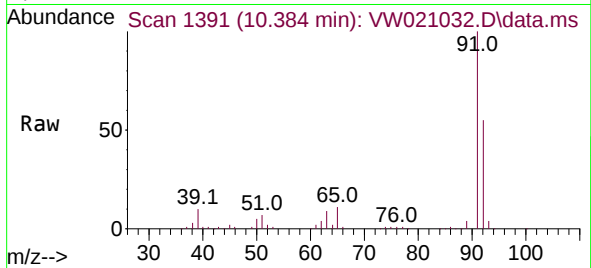




#42
Toluene
Concen: 24.358 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

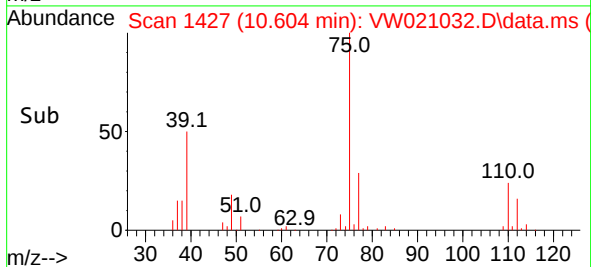
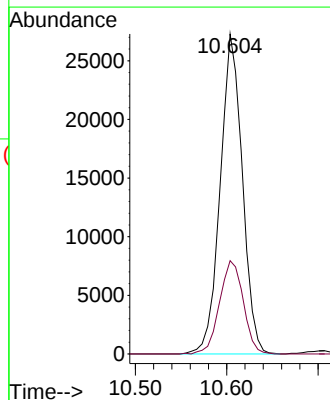
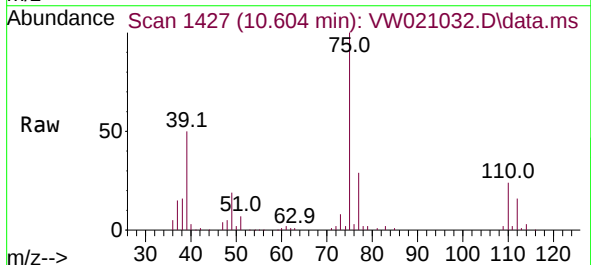
Instrument :
MSVOA_W
ClientSampleId :

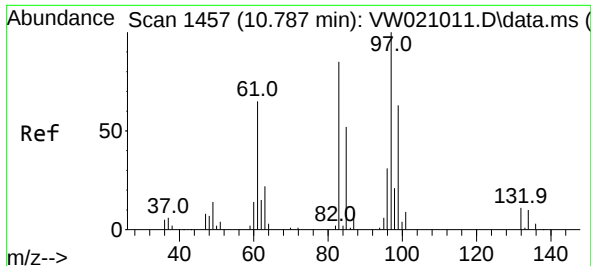
Tgt Ion: 91 Resp: 152195
Ion Ratio Lower Upper
91 100
92 55.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.474 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Tgt Ion: 75 Resp: 45913
Ion Ratio Lower Upper
75 100
77 29.2 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.791 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 26938

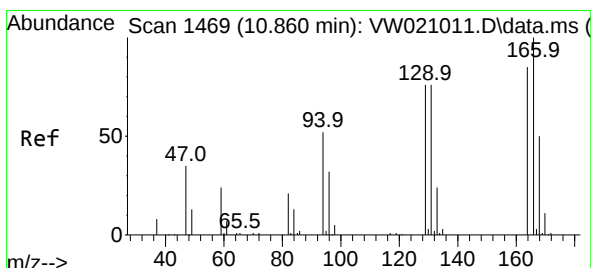
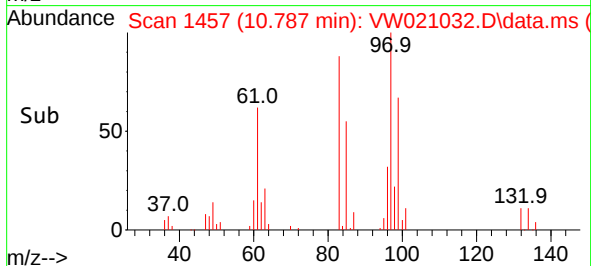
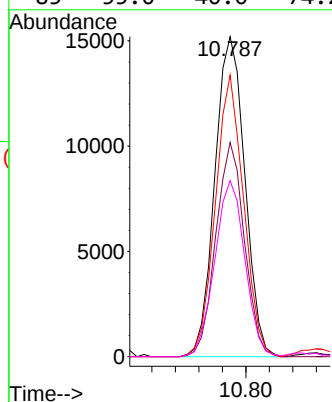
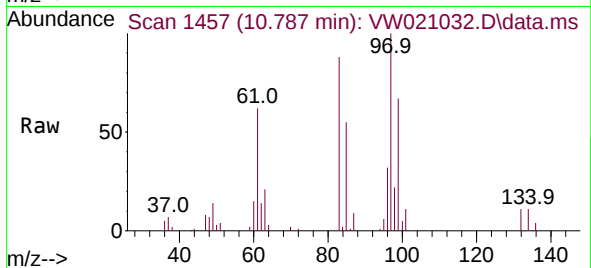
Ion Ratio Lower Upper

97 100

99 66.9 43.0 79.8

83 88.0 62.6 116.3

85 55.0 40.0 74.2



#46

Tetrachloroethene

Concen: 21.444 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Tgt Ion:164 Resp: 30592

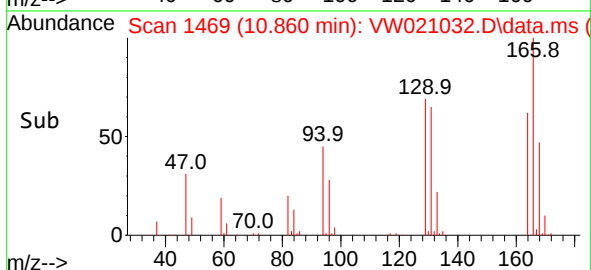
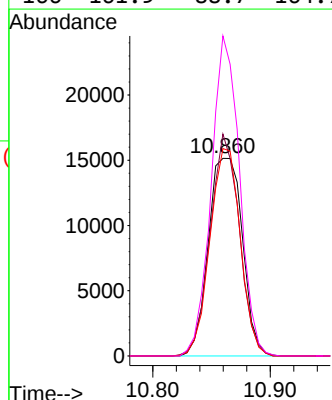
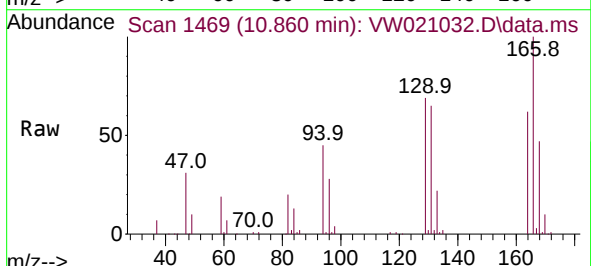
Ion Ratio Lower Upper

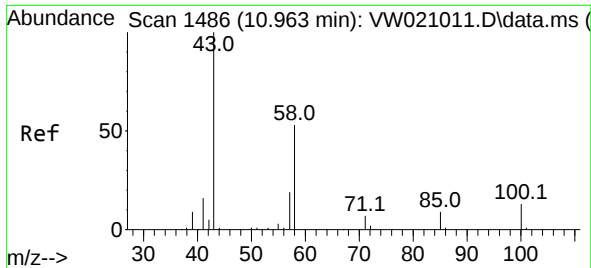
164 100

129 112.3 65.5 121.7

131 104.9 59.7 110.9

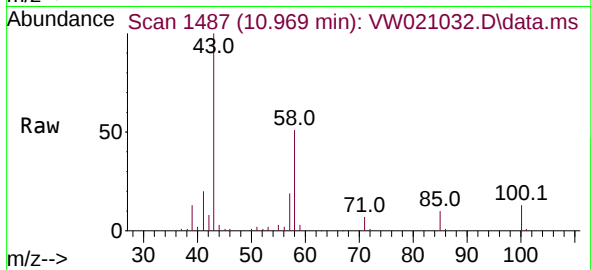
166 161.9 88.7 164.7



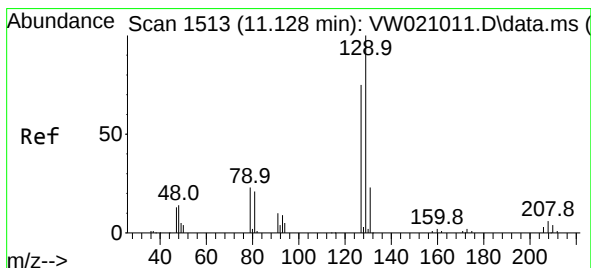
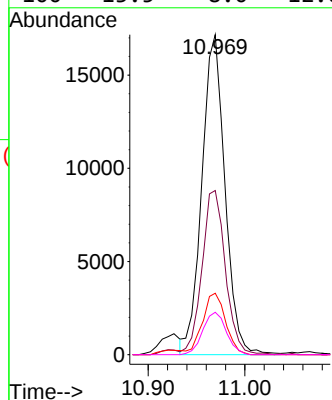
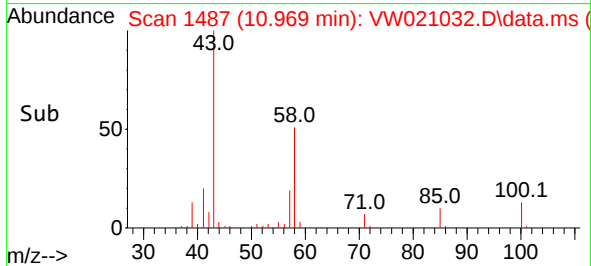


#48
2-Hexanone
Concen: 53.633 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Instrument :
MSVOA_W
ClientSampleId :

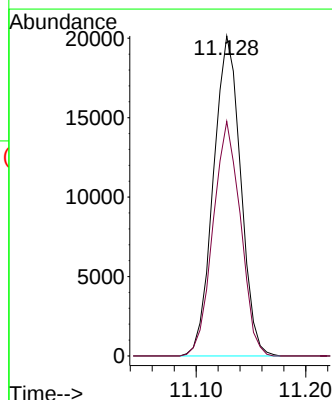
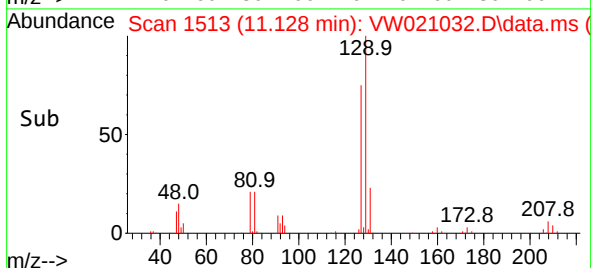
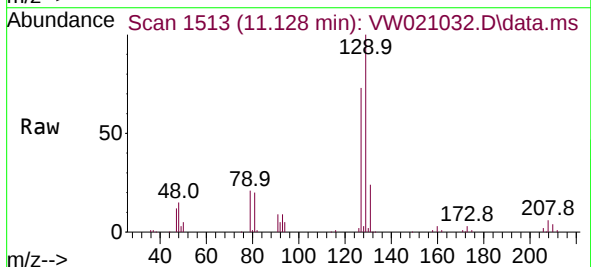


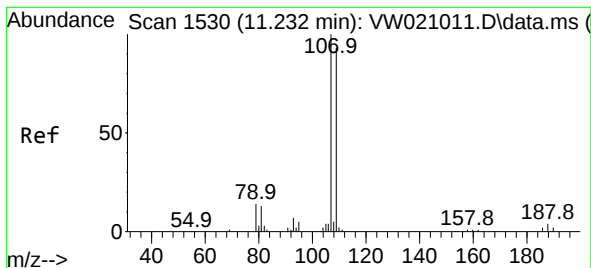
Tgt Ion: 43 Resp: 28587
Ion Ratio Lower Upper
43 100
58 51.9 40.2 60.2
57 19.0 14.3 21.5
100 13.5 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.087 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

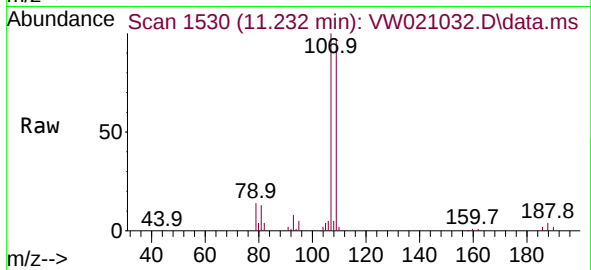
Tgt Ion: 129 Resp: 34776
Ion Ratio Lower Upper
129 100
127 73.3 55.7 103.5



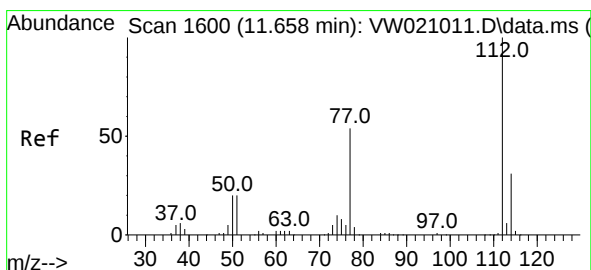
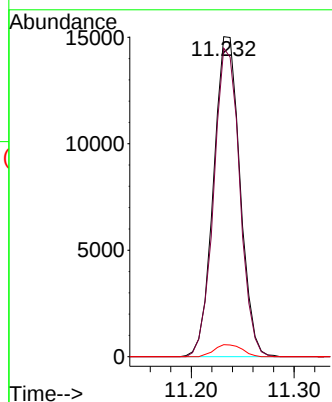
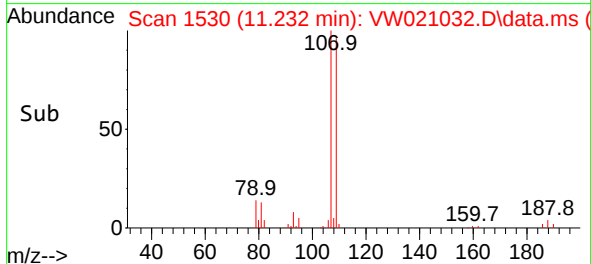


#50
1,2-Dibromoethane
Concen: 26.615 ug/L
RT: 11.232 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Instrument :
MSVOA_W
ClientSampleId :

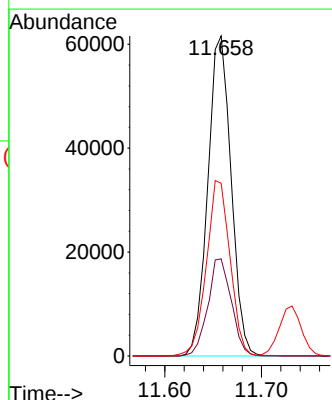
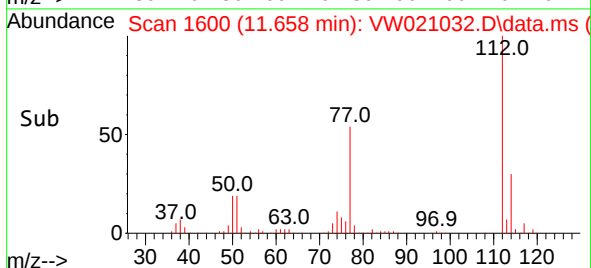
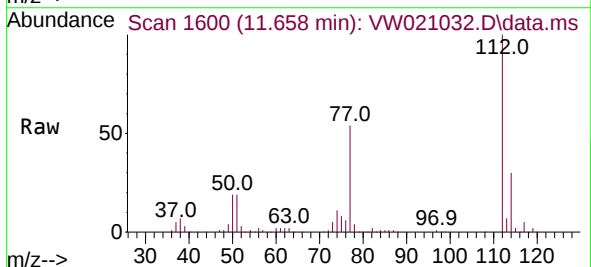


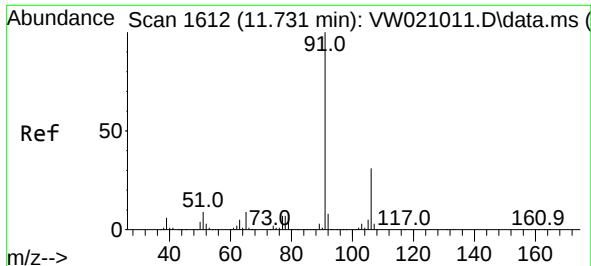
Tgt Ion:107 Resp: 26830
Ion Ratio Lower Upper
107 100
109 96.4 64.1 119.1
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 24.836 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Tgt Ion:112 Resp: 103213
Ion Ratio Lower Upper
112 100
114 30.3 22.4 41.6
77 54.0 50.2 75.4

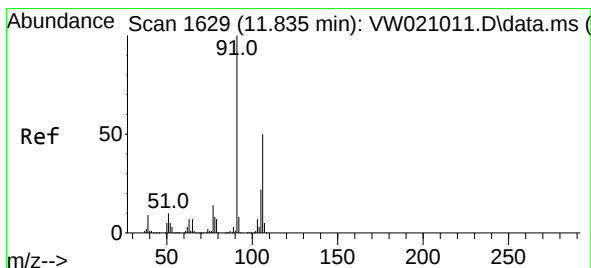
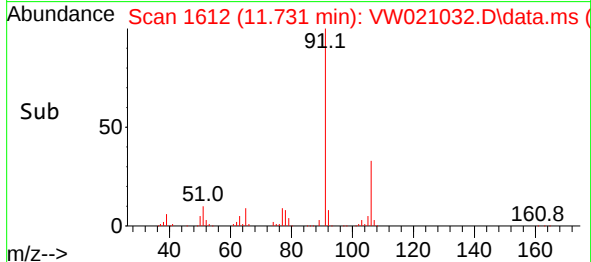
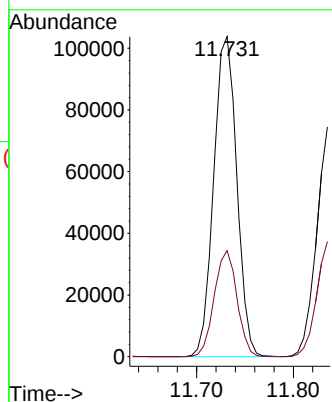
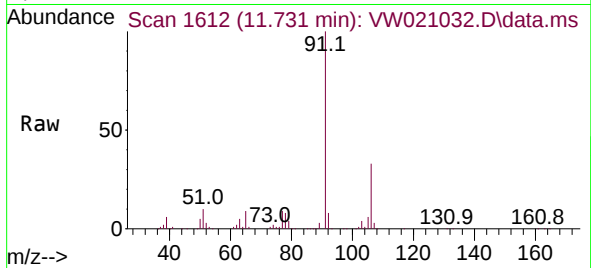




#52
Ethylbenzene
Concen: 24.811 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

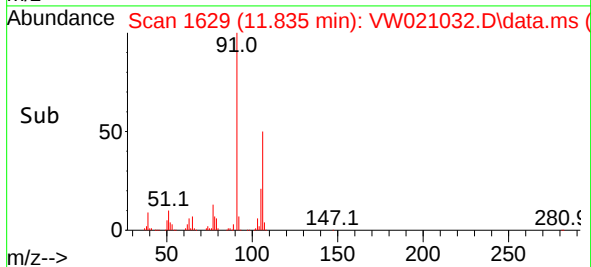
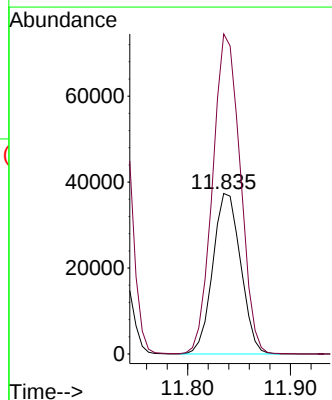
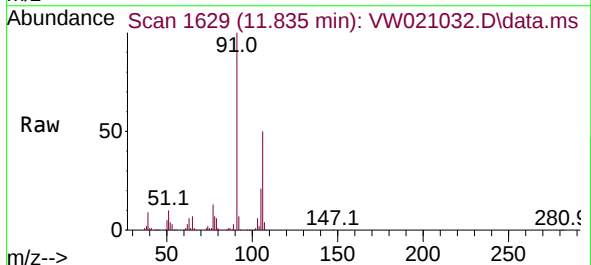
Instrument :
MSVOA_W
ClientSampleId :

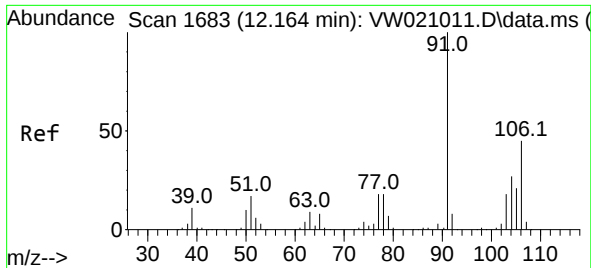
Tgt Ion: 91 Resp: 171787
Ion Ratio Lower Upper
91 100
106 33.2 21.5 39.9



#53
m,p-Xylene
Concen: 24.897 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Tgt Ion:106 Resp: 70378
Ion Ratio Lower Upper
106 100
91 199.5 149.9 278.3

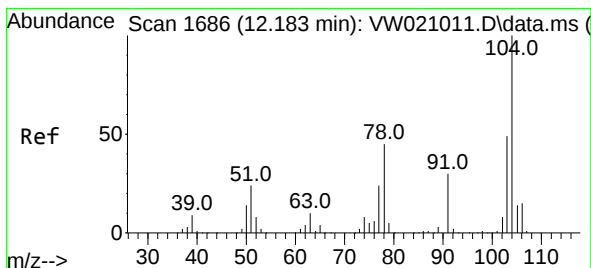
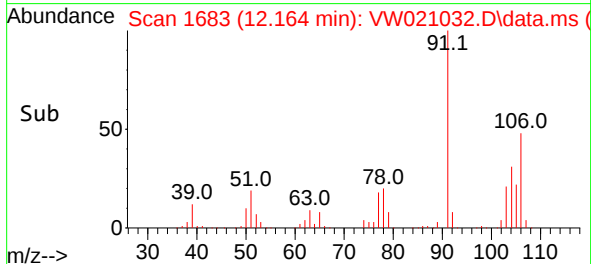
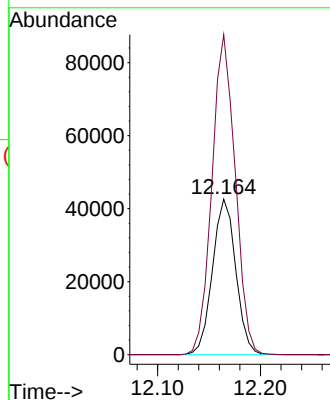
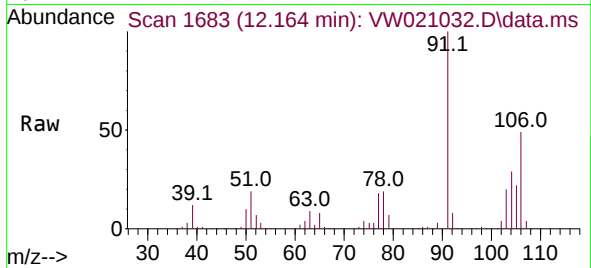




#54
o-Xylene
Concen: 24.662 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

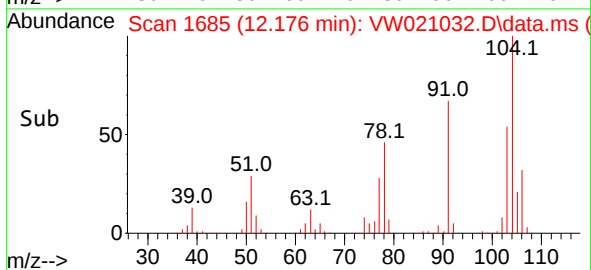
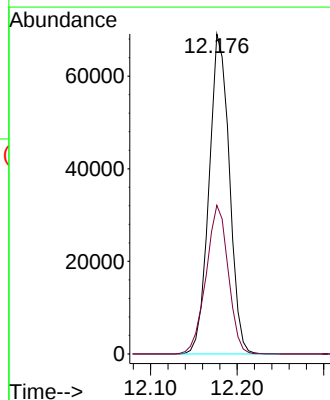
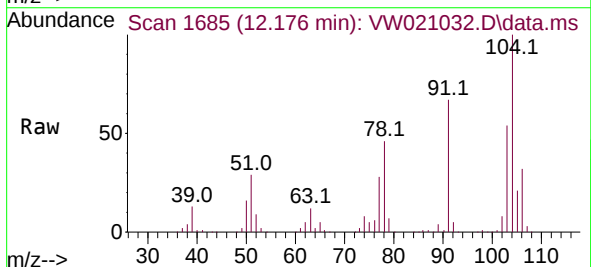
Instrument :
MSVOA_W
ClientSampleId :

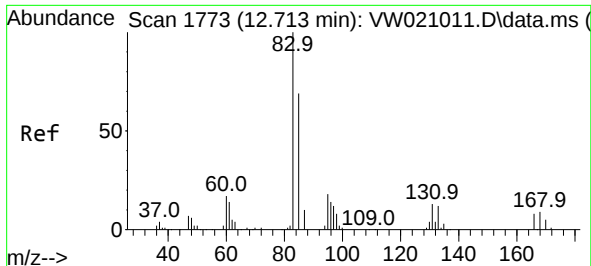
Tgt Ion:106 Resp: 66954
Ion Ratio Lower Upper
106 100
91 205.7 153.6 285.3



#55
Styrene
Concen: 24.973 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

Tgt Ion:104 Resp: 112574
Ion Ratio Lower Upper
104 100
78 46.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.551 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

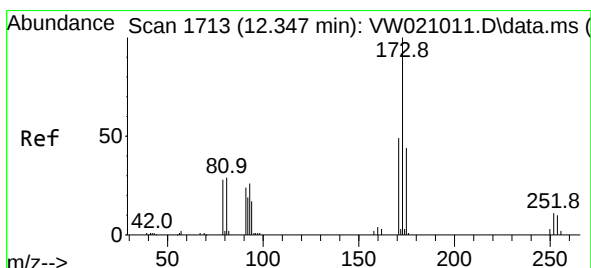
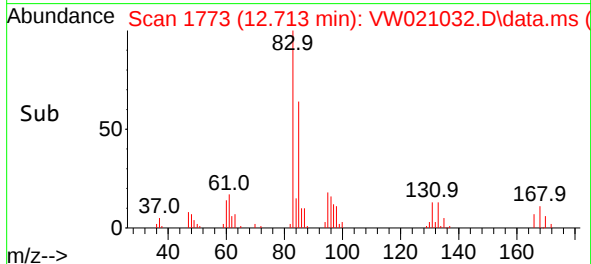
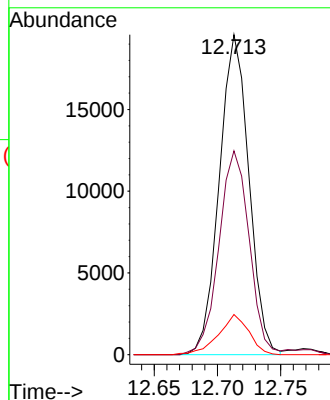
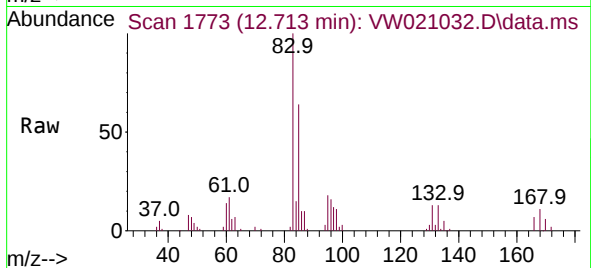
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83 Resp: 31819

Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.0	81.6
131	12.5	6.9	10.3



#59

Bromoform

Concen: 24.572 ug/L

RT: 12.353 min Scan# 1714

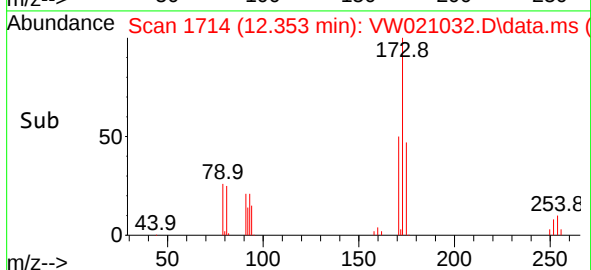
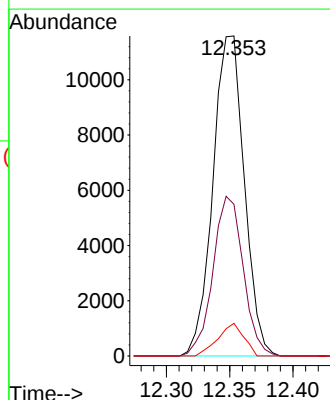
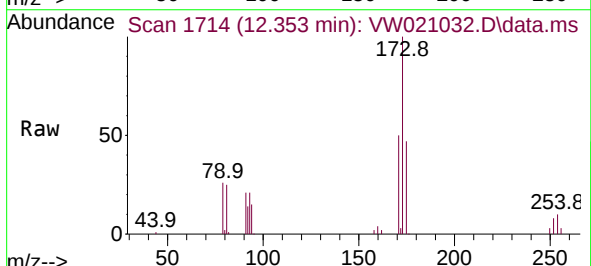
Delta R.T. 0.006 min

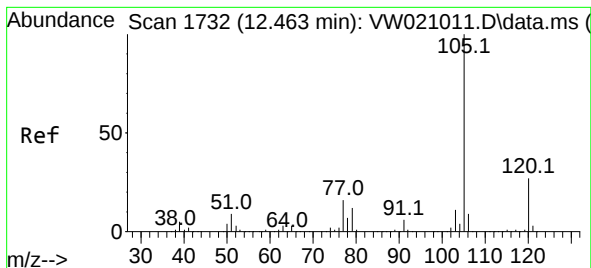
Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Tgt Ion: 173 Resp: 19998

Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.6	59.4
254	8.4	7.4	11.0





#60

Isopropylbenzene

Concen: 23.832 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

ClientSampleId :

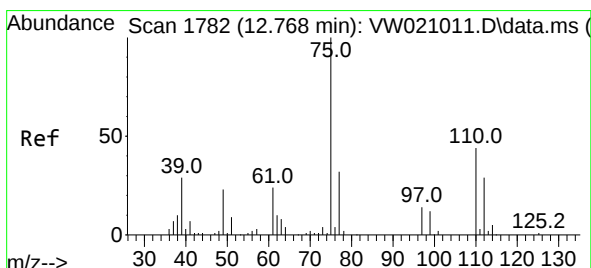
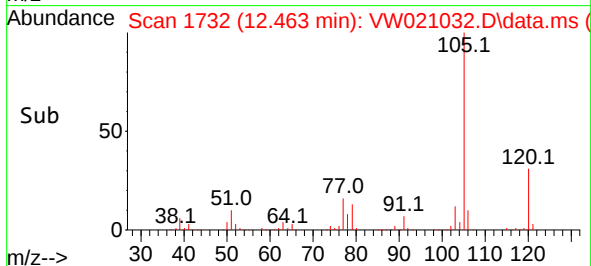
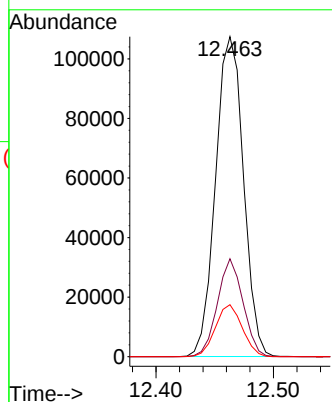
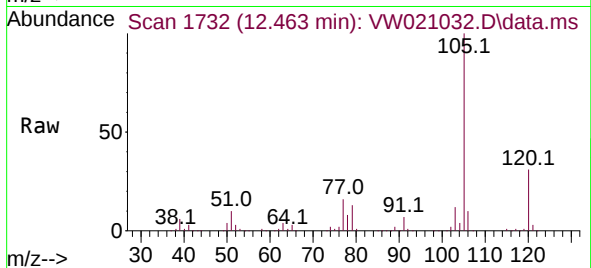
Tgt Ion:105 Resp: 177172

Ion Ratio Lower Upper

105 100

120 28.1 20.1 30.1

77 15.7 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 28.030 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

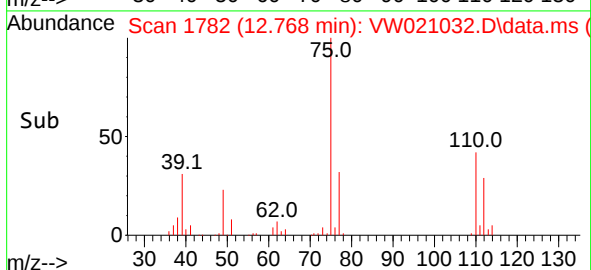
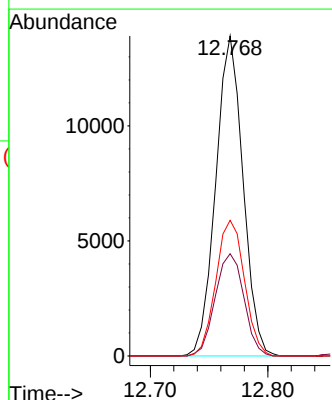
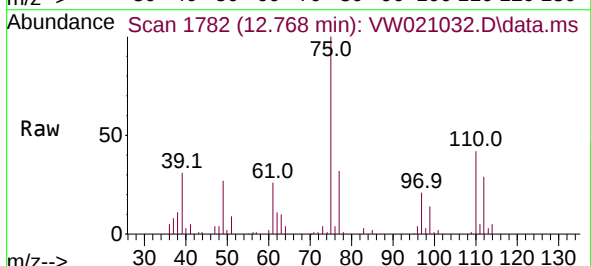
Tgt Ion: 75 Resp: 22442

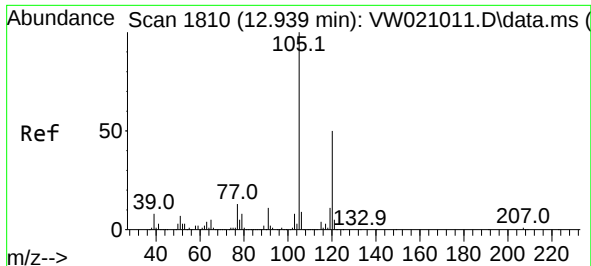
Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.8

110 44.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.787 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

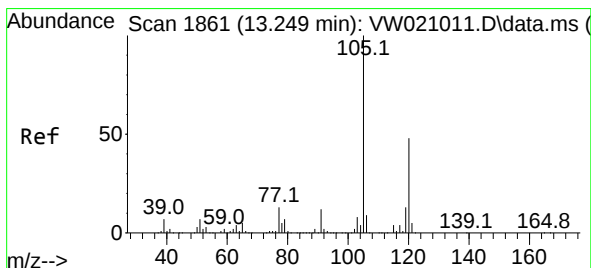
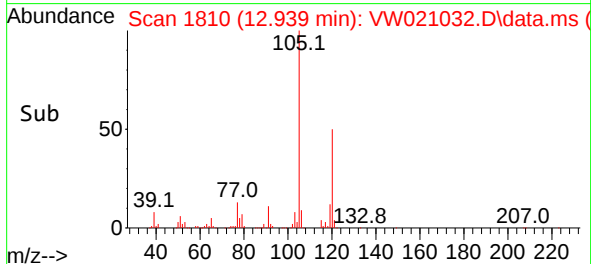
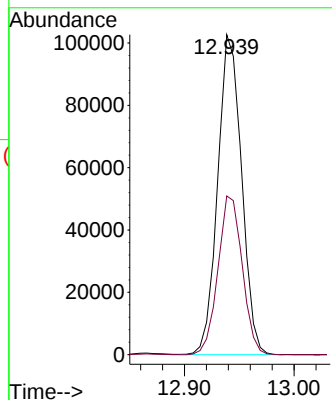
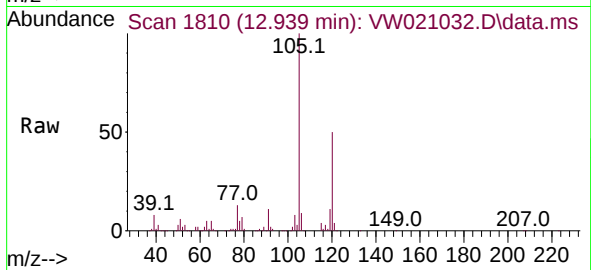
ClientSampleId :

Tgt Ion:105 Resp: 155450

Ion Ratio Lower Upper

105 100

120 50.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.791 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021032.D

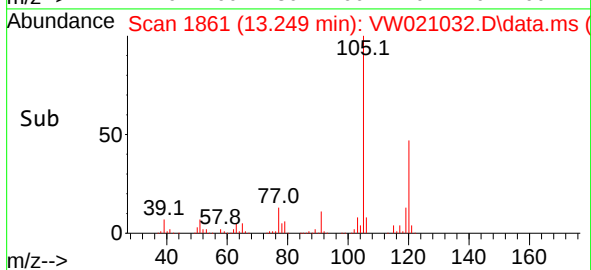
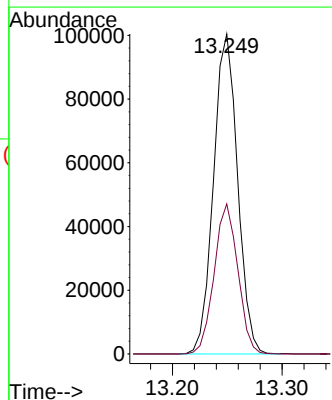
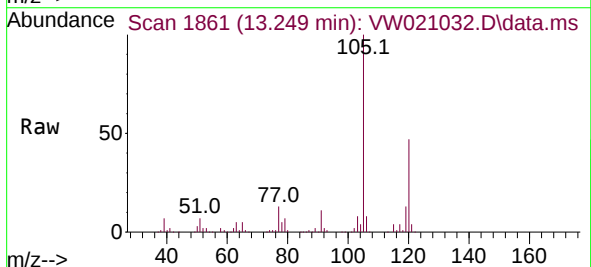
Acq: 02 Dec 2021 08:17

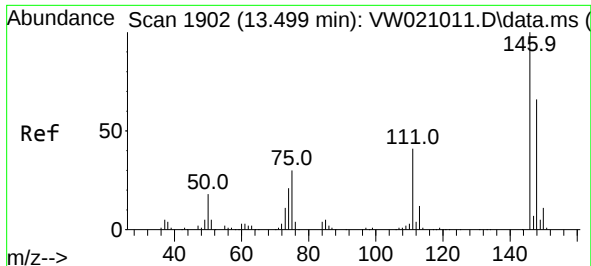
Tgt Ion:105 Resp: 153400

Ion Ratio Lower Upper

105 100

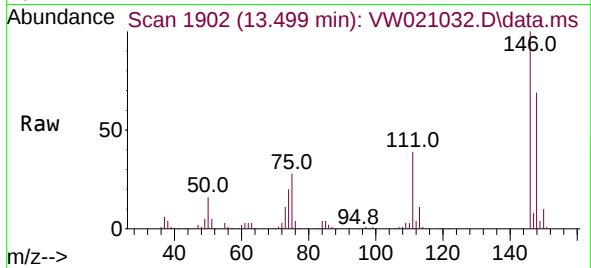
120 46.0 35.0 52.6



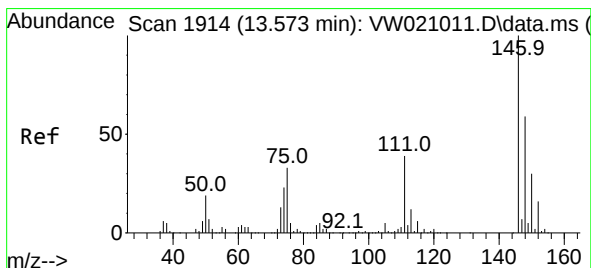
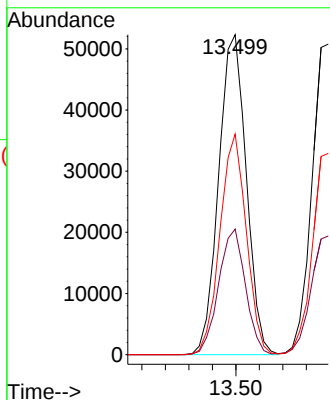
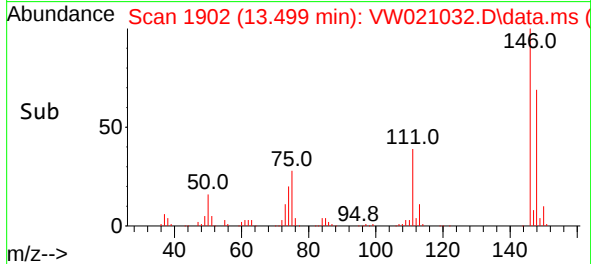


#64
1,3-Dichlorobenzene
Concen: 24.533 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17

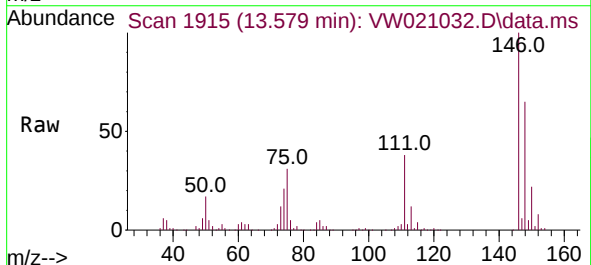
Instrument :
MSVOA_W
ClientSampleId :



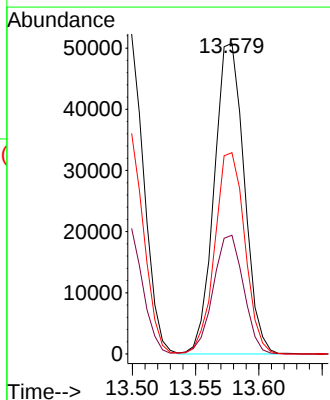
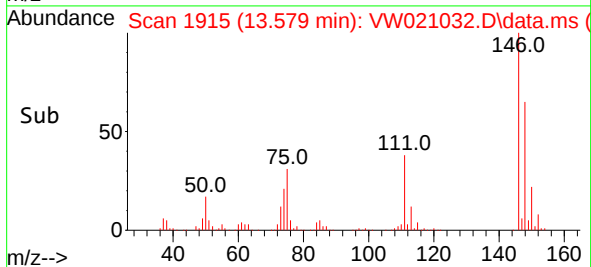
Tgt Ion:146 Resp: 85510
Ion Ratio Lower Upper
146 100
111 39.3 29.8 55.3
148 68.9 46.2 85.8

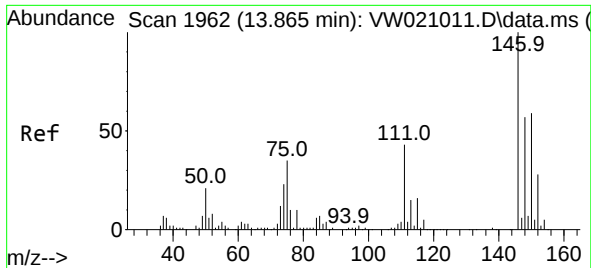


#65
1,4-Dichlorobenzene
Concen: 23.816 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021032.D
Acq: 02 Dec 2021 08:17



Tgt Ion:146 Resp: 83737
Ion Ratio Lower Upper
146 100
111 38.2 29.0 53.9
148 64.8 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.735 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

ClientSampleId :

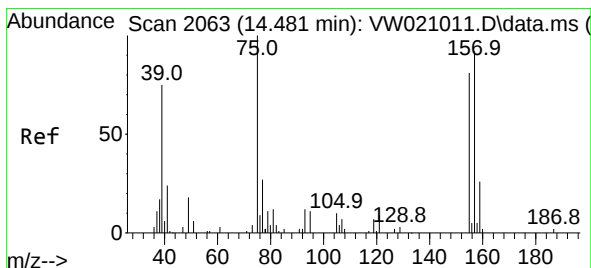
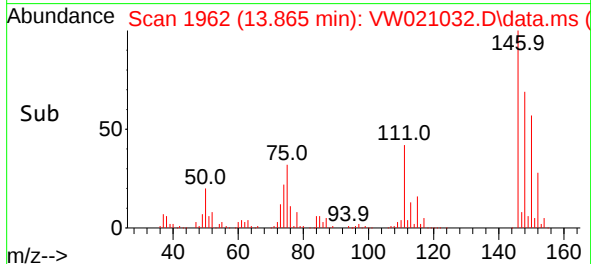
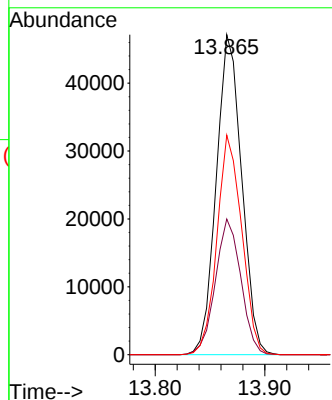
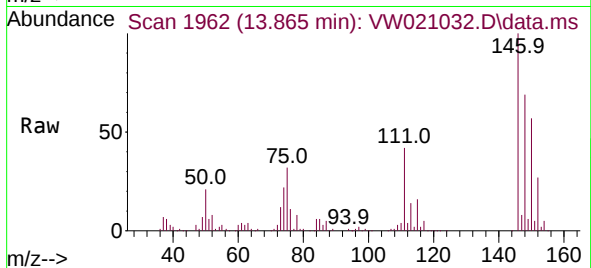
Tgt Ion:146 Resp: 75972

Ion Ratio Lower Upper

146 100

111 42.4 33.1 49.7

148 68.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.824 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

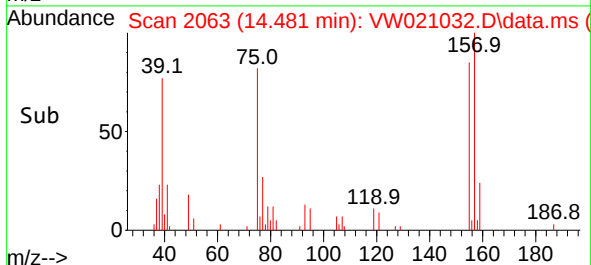
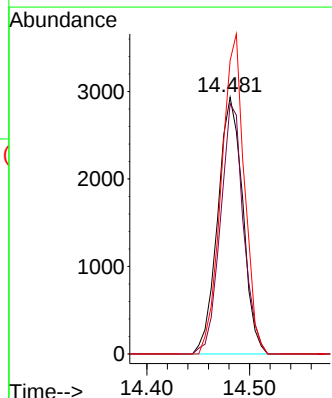
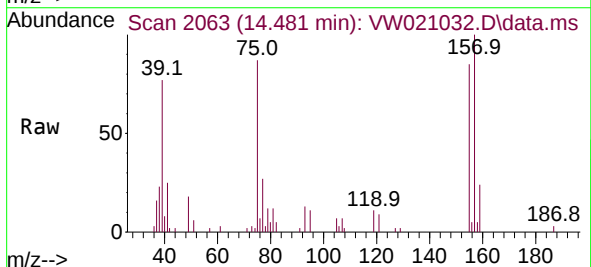
Tgt Ion: 75 Resp: 4943

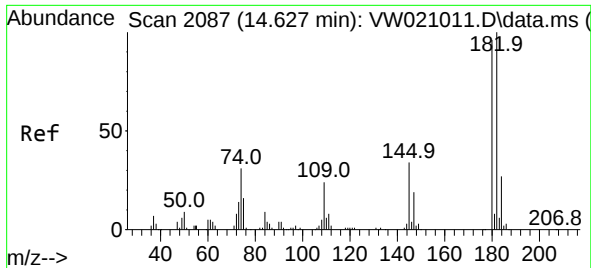
Ion Ratio Lower Upper

75 100

155 97.5 54.2 81.2#

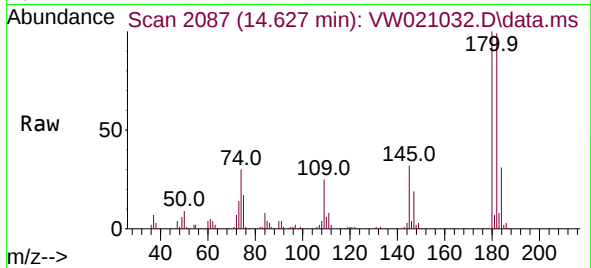
157 114.3 69.4 104.2#



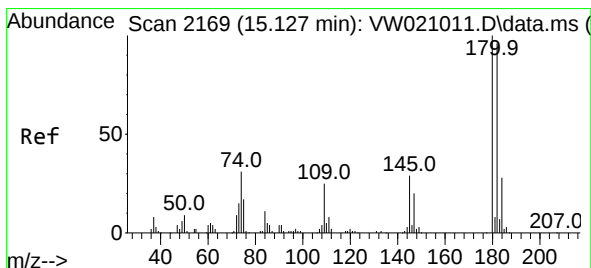
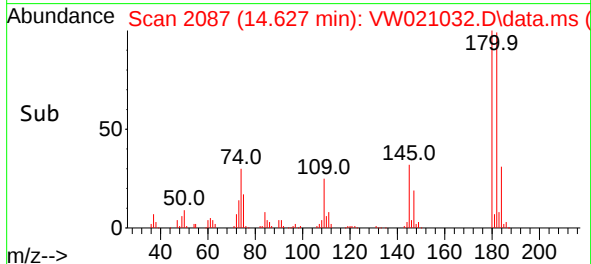
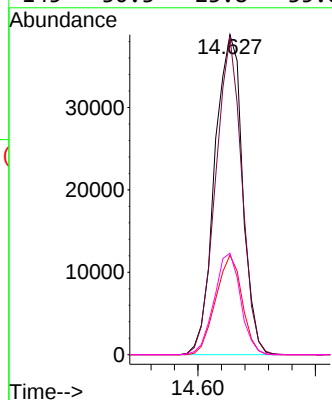


#69
 1,3,5-Trichlorobenzene
 Concen: 23.062 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021032.D
 Acq: 02 Dec 2021 08:17

Instrument :
 MSVOA_W
 ClientSampleId :

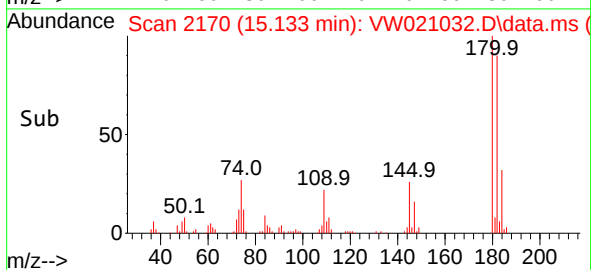
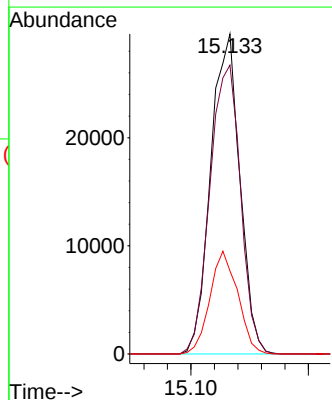
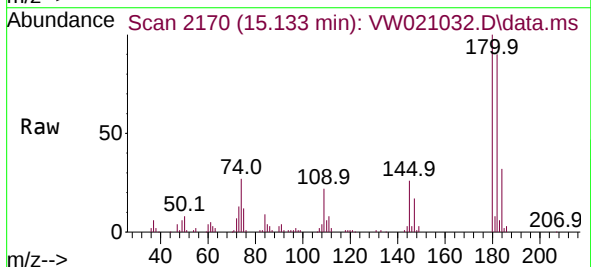


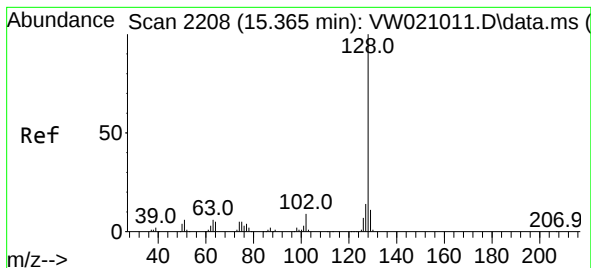
Tgt Ion:180 Resp: 63667
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.4 113.0
 184 29.5 23.8 35.8
 145 30.3 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 22.577 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW021032.D
 Acq: 02 Dec 2021 08:17

Tgt Ion:180 Resp: 50991
 Ion Ratio Lower Upper
 180 100
 182 94.7 79.0 118.6
 145 30.8 26.0 39.0





#71

Naphthalene

Concen: 25.839 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021032.D

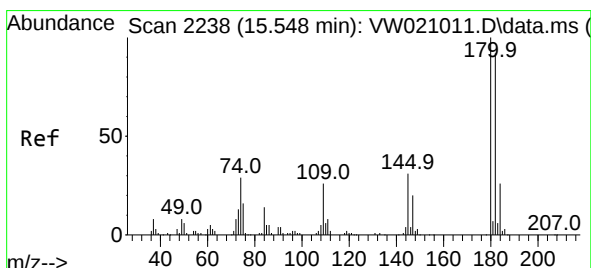
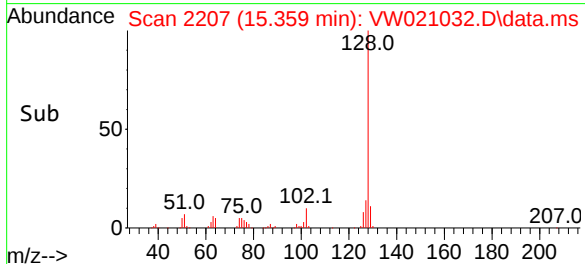
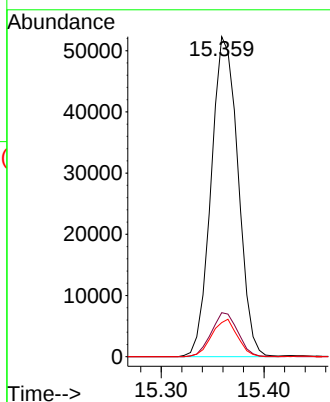
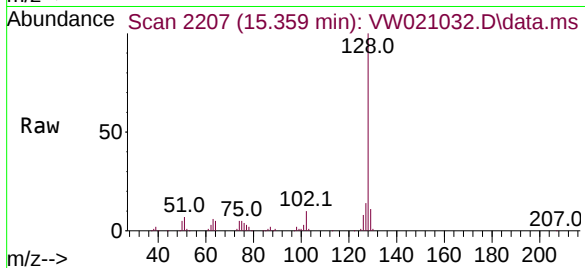
Acq: 02 Dec 2021 08:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	95090
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.7 16.1
129	11.1	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.110 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021032.D

Acq: 02 Dec 2021 08:17

Tgt Ion:180	Resp:	44044
Ion Ratio	Lower	Upper
180	100	
182	93.2	76.6 114.8
145	32.5	27.4 41.0

