

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021040.D
 Acq On : 02 Dec 2021 12:23
 Operator : SY/VA
 Sample : M4886-12MS
 Misc : 5.51g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:23:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	43943	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	37626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	16844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10288	20.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.720%
7) Chloroethane-d5	2.885	69	10201	31.031	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.120%
11) 1,1-Dichloroethene-d2	4.019	63	22265	22.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.320%
21) 2-Butanone-d5	7.086	46	5961	46.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.700%
24) Chloroform-d	7.653	84	25931	23.420	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.305	65	12781	22.742	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.960%
32) Benzene-d6	8.275	84	48257	24.334	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	9.274	67	13493	23.894	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	10.323	98	46237	23.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%
43) trans-1,3-Dichloroprop...	10.579	79	4951	18.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.200%
47) 2-Hexanone-d5	10.921	63	4573	48.827	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	11186	25.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.440%
66) 1,2-Dichlorobenzene-d4	13.847	152	13671	22.772	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	2070	16.277	ug/L	99
3) Chloromethane	2.215	50	8622	22.299	ug/L	99
5) Vinyl chloride	2.361	62	16283	24.348	ug/L	98
6) Bromomethane	2.776	94	10818	29.172	ug/L	92
8) Chloroethane	2.922	64	9157	32.569	ug/L	97
9) Trichlorofluoromethane	3.257	101	17740	45.539	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	14171	23.930	ug/L	91
12) 1,1-Dichloroethene	4.038	96	11694	21.239	ug/L	82
13) Acetone	4.123	43	5730	50.445	ug/L	97
14) Carbon disulfide	4.379	76	25463	17.100	ug/L	97
15) Methyl Acetate	4.690	43	2024	9.936	ug/L	98
16) Methylene chloride	4.916	84	13434	21.920	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	12142	20.462	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	25721	28.877	ug/L	94
19) 1,1-Dichloroethane	6.220	63	22269	22.649	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	13738	21.481	ug/L	80
22) 2-Butanone	7.171	43	6861	44.457	ug/L	87
23) Bromochloromethane	7.519	128	6508	22.259	ug/L	# 68
25) Chloroform	7.677	83	24790	23.068	ug/L	100

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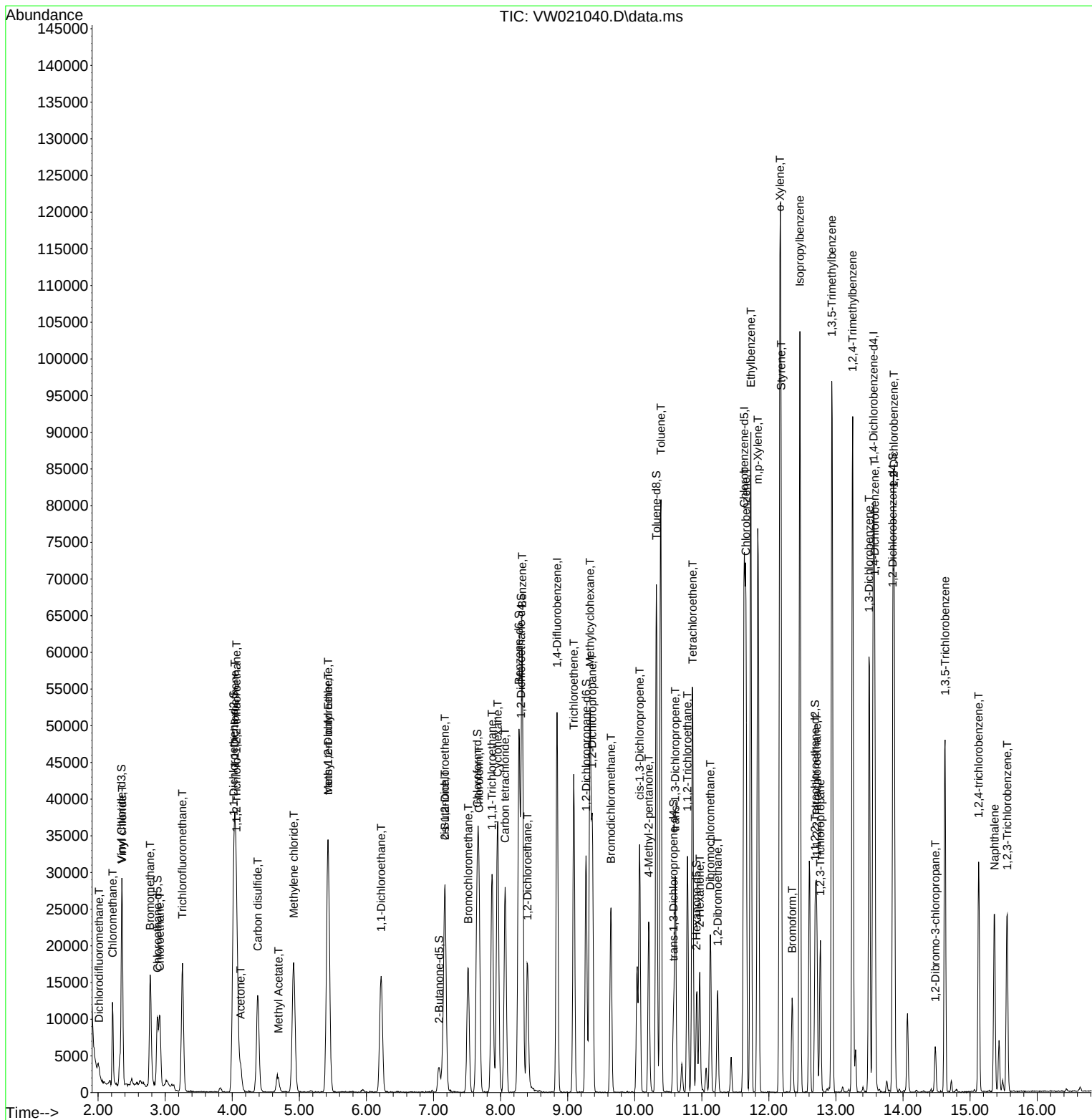
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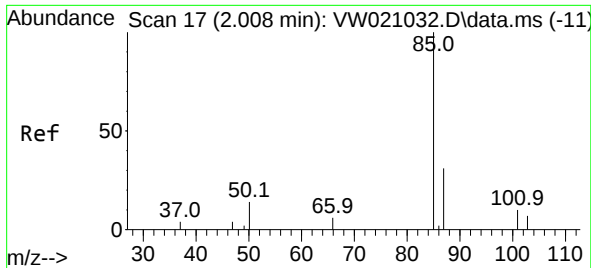
Quant Time: Dec 03 02:23:39 2021
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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	15518	23.847	ug/L	98
29) Cyclohexane	7.958	56	18656	22.240	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	24213	26.760	ug/L	94
31) Carbon tetrachloride	8.067	117	20380	23.798	ug/L	97
33) Benzene	8.323	78	51286	24.074	ug/L	100
34) Trichloroethene	9.092	95	13908	23.340	ug/L	88
35) Methylcyclohexane	9.335	83	21220	21.599	ug/L	86
37) 1,2-Dichloropropane	9.366	63	12031	24.266	ug/L #	96
38) Bromodichloromethane	9.646	83	15947	22.412	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	17694	21.615	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	14572	49.379	ug/L #	93
42) Toluene	10.390	91	58726	24.507	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	14639	20.348	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	9656	25.041	ug/L	96
46) Tetrachloroethene	10.866	164	11966	21.871	ug/L	92
48) 2-Hexanone	10.969	43	10322	50.496	ug/L #	98
49) Dibromochloromethane	11.128	129	10877	20.460	ug/L	94
50) 1,2-Dibromoethane	11.238	107	8893	23.003	ug/L #	96
51) Chlorobenzene	11.658	112	34863	21.875	ug/L	92
52) Ethylbenzene	11.731	91	61715	23.242	ug/L	96
53) m,p-Xylene	11.835	106	24896	22.965	ug/L	97
54) o-Xylene	12.164	106	23860	22.917	ug/L	89
55) Styrene	12.183	104	35346	20.445	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	10097	23.625	ug/L #	88
59) Bromoform	12.347	173	5628	22.409	ug/L	98
60) Isopropylbenzene	12.463	105	65036	28.348	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	7459	30.190	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	50634	26.163	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	49891	26.128	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	23670	22.006	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	24185	22.290	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	22940	24.203	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	1487	25.174	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	15556	18.260	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	10055	14.427	ug/L	94
71) Naphthalene	15.365	128	21380	18.826	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	8414	14.306	ug/L	97

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

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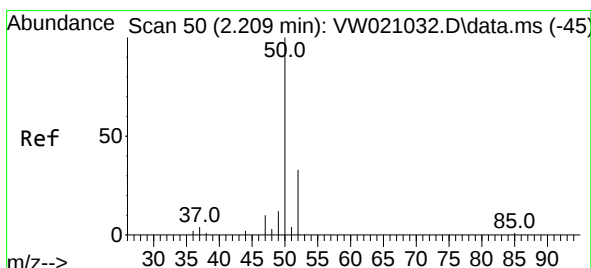
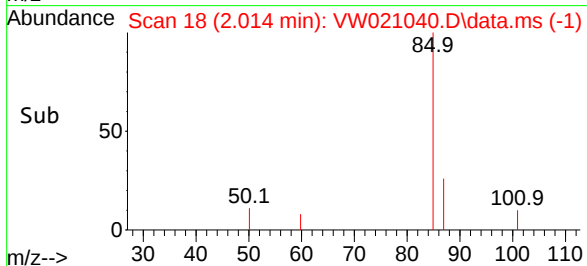
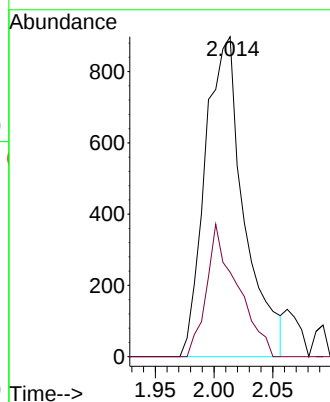
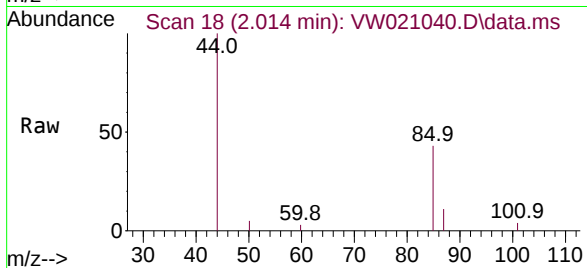




#2
Dichlorodifluoromethane
Concen: 16.277 ug/L
RT: 2.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

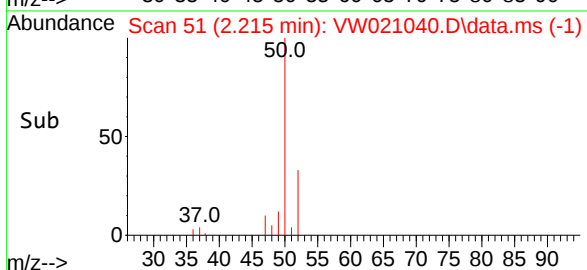
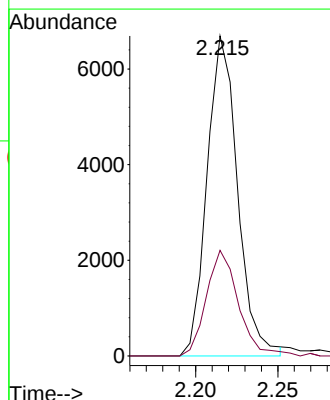
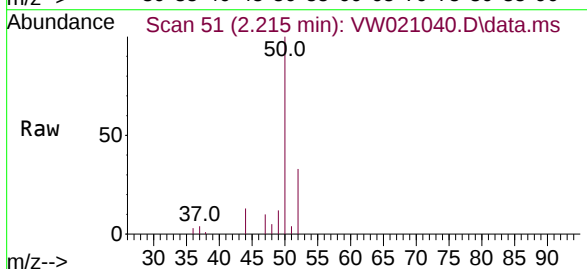
Instrument :
MSVOA_W
ClientSampleId :

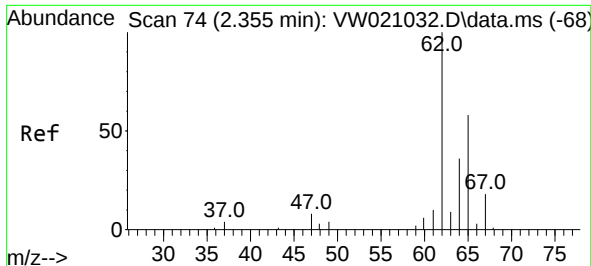
Tgt Ion: 85 Resp: 2070
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 22.299 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 50 Resp: 8622
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6

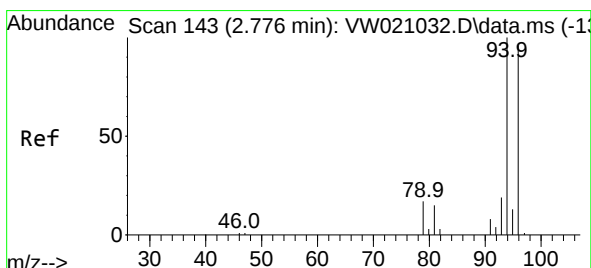
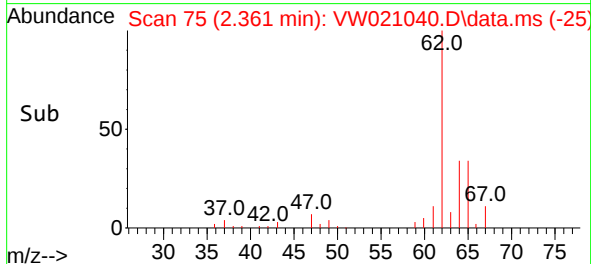
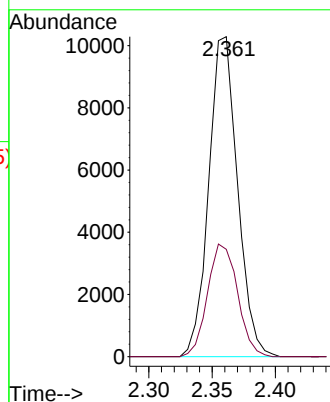
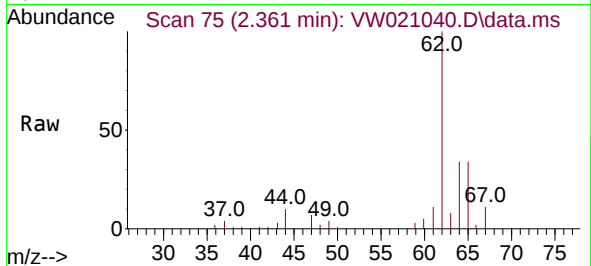




#5
 Vinyl chloride
 Concen: 24.348 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021040.D
 Acq: 02 Dec 2021 12:23

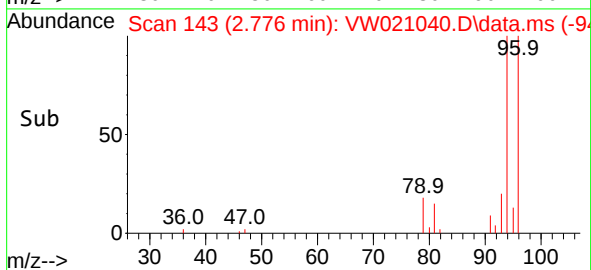
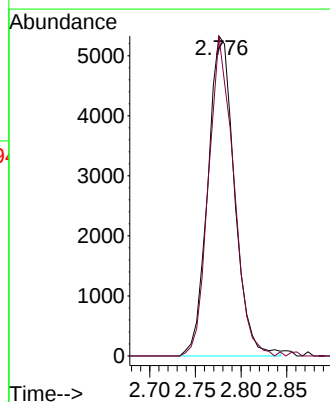
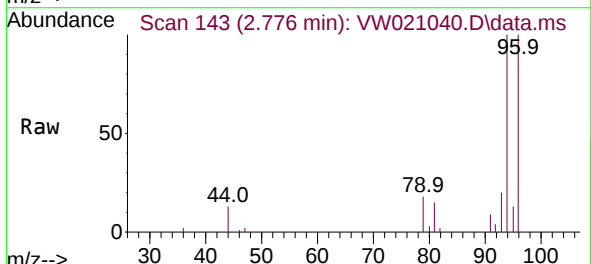
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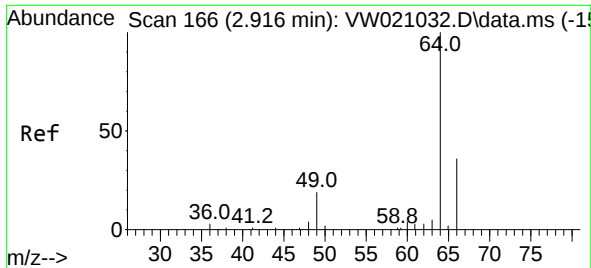
Tgt Ion: 62 Resp: 16283
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.4 45.2



#6
 Bromomethane
 Concen: 29.172 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021040.D
 Acq: 02 Dec 2021 12:23

Tgt Ion: 94 Resp: 10818
 Ion Ratio Lower Upper
 94 100
 96 100.0 64.8 120.4

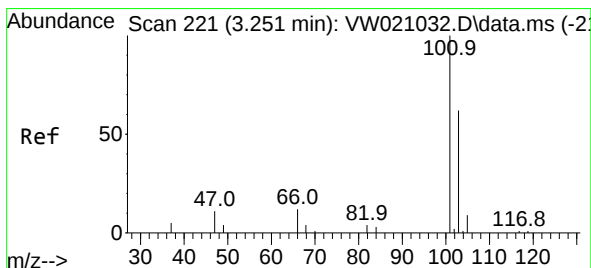
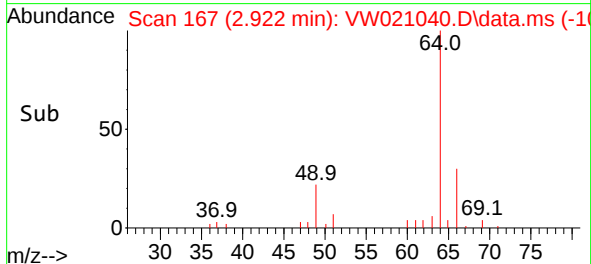
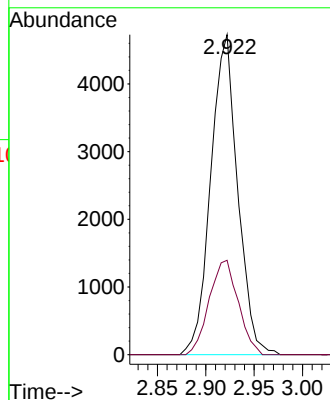
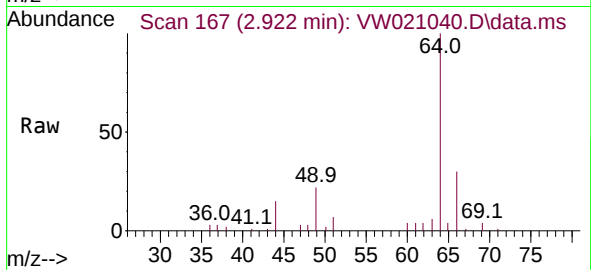




#8
Chloroethane
Concen: 32.569 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

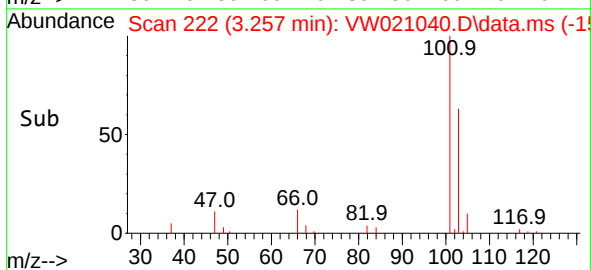
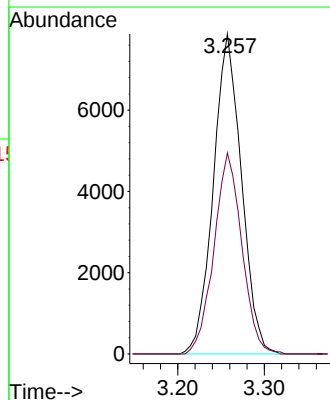
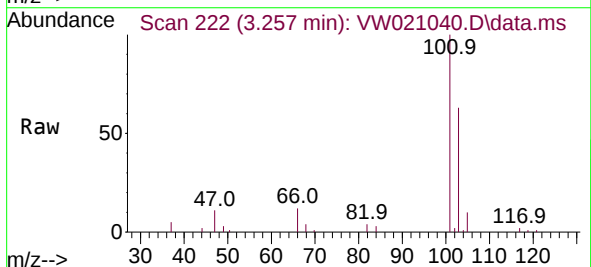
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MSVOA_W
ClientSampleId :

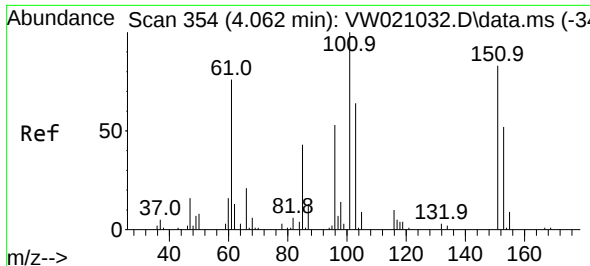
Tgt Ion: 64 Resp: 9157
Ion Ratio Lower Upper
64 100
66 29.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 45.539 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 101 Resp: 17740
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.2

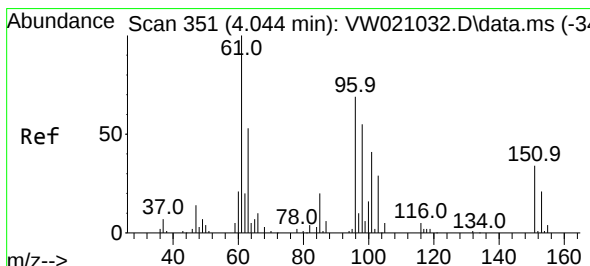
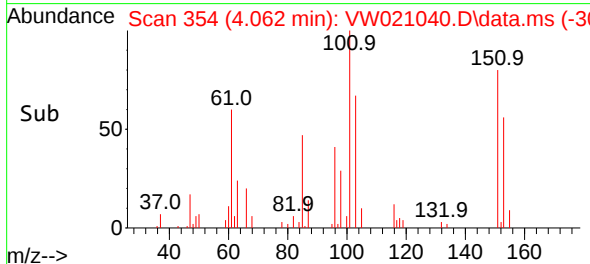
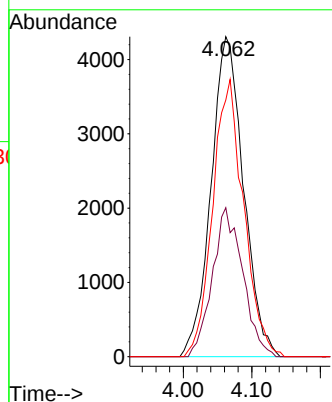
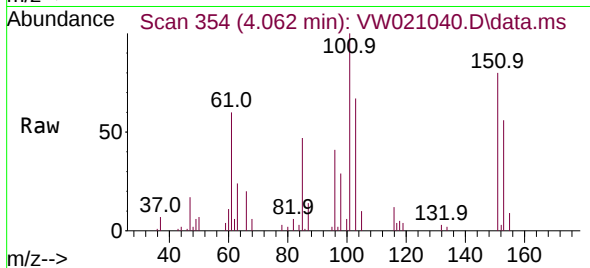




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.930 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW021040.D
 Acq: 02 Dec 2021 12:23

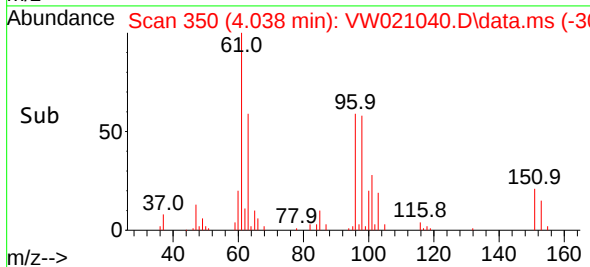
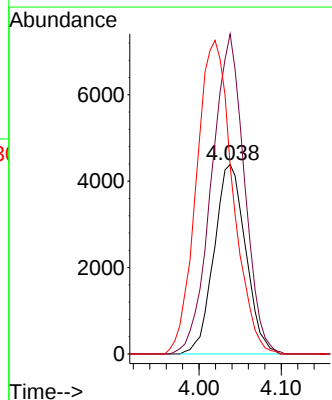
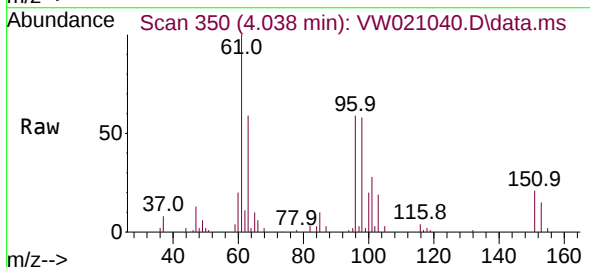
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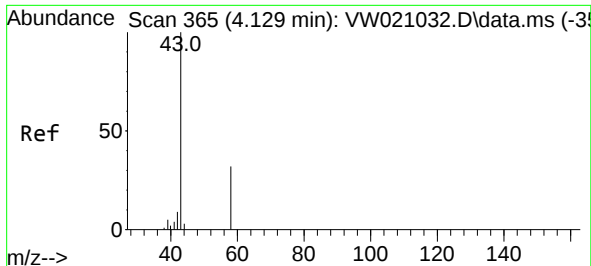
Tgt Ion:101 Resp: 14171
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.6 54.8
 151 82.6 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.239 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021040.D
 Acq: 02 Dec 2021 12:23

Tgt Ion: 96 Resp: 11694
 Ion Ratio Lower Upper
 96 100
 61 169.0 138.3 256.9
 63 99.7 82.6 153.4

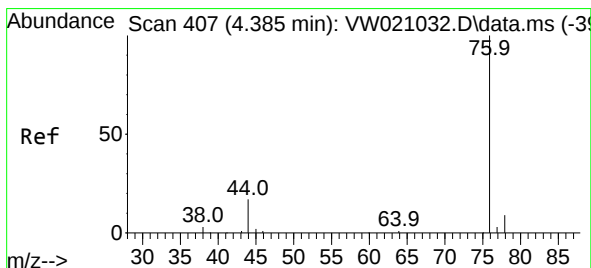
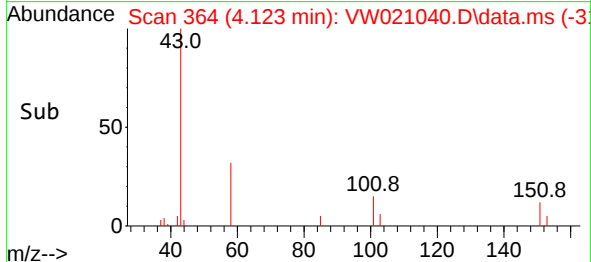
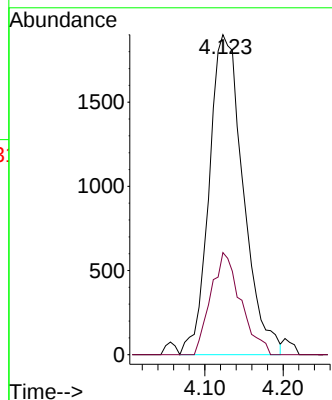
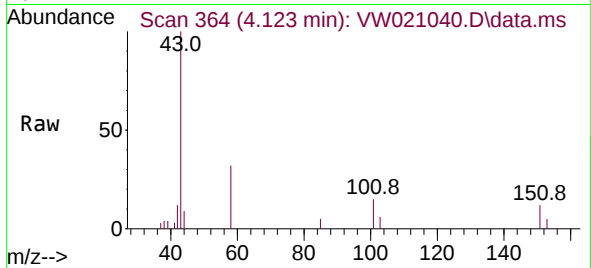




#13
Acetone
Concen: 50.445 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

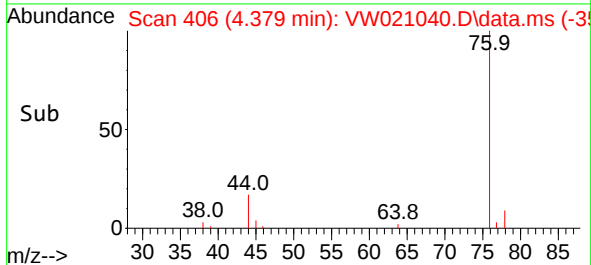
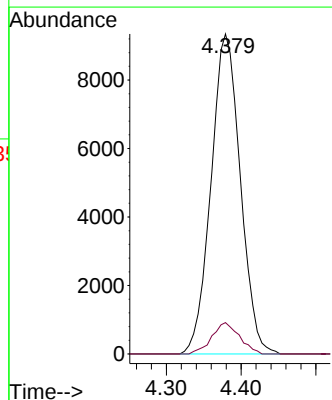
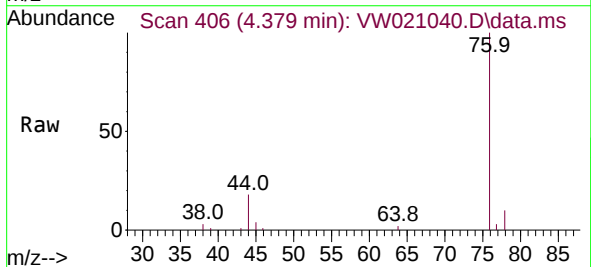
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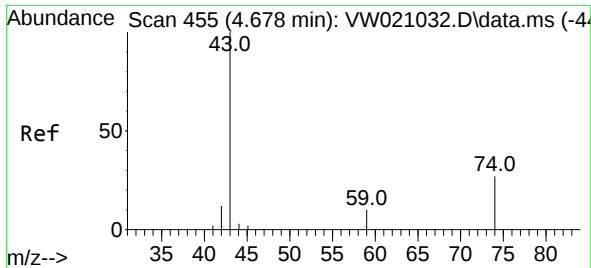
Tgt Ion: 43 Resp: 5730
Ion Ratio Lower Upper
43 100
58 28.2 0.0 52.8



#14
Carbon disulfide
Concen: 17.100 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 76 Resp: 25463
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

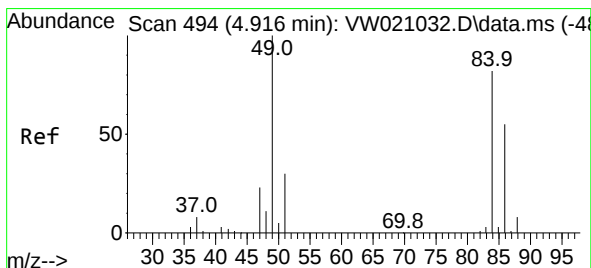
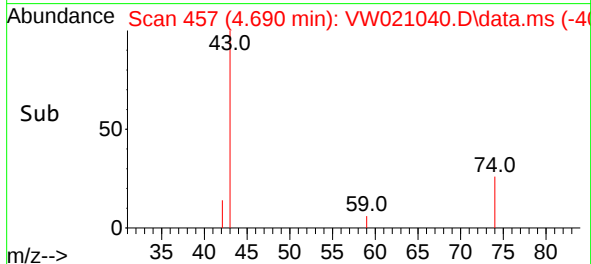
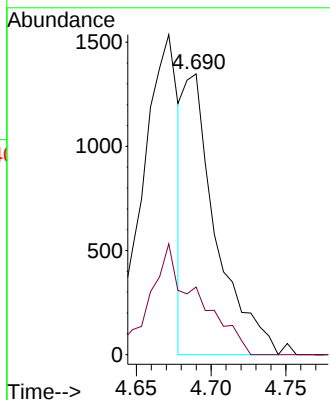
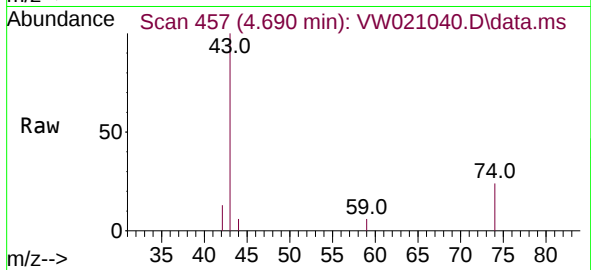




#15
Methyl Acetate
Concen: 9.936 ug/L
RT: 4.690 min Scan# 457
Delta R.T. 0.012 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

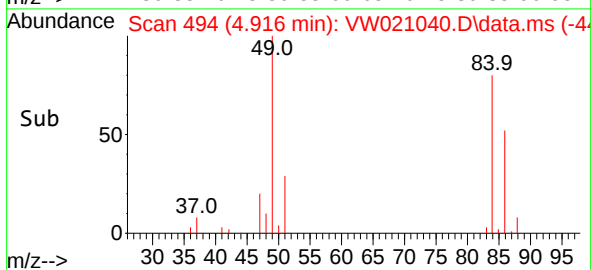
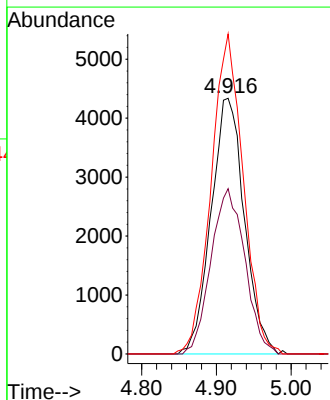
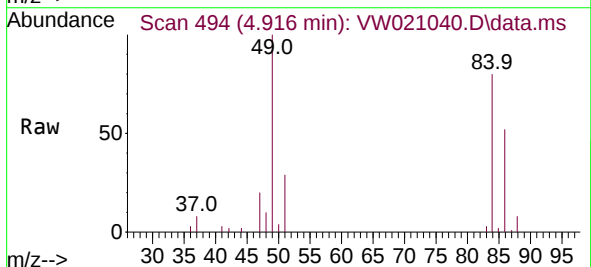
Instrument :
MSVOA_W
ClientSampleId :

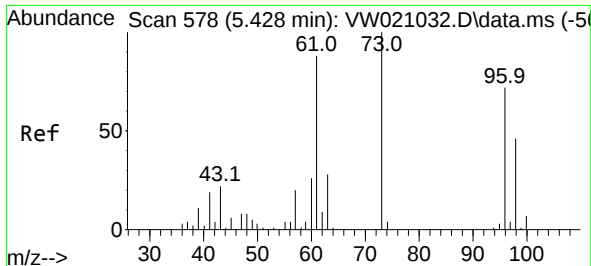
Tgt Ion: 43 Resp: 2024
Ion Ratio Lower Upper
43 100
74 19.8 16.4 24.6



#16
Methylene chloride
Concen: 21.920 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

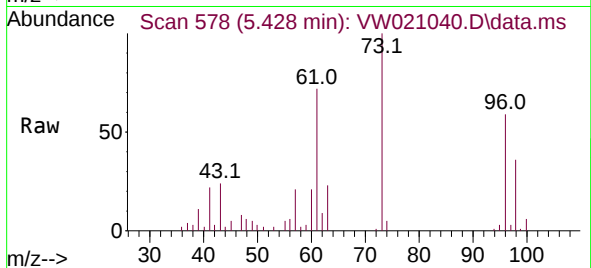
Tgt Ion: 84 Resp: 13434
Ion Ratio Lower Upper
84 100
86 64.6 45.5 84.5
49 125.2 100.5 186.7





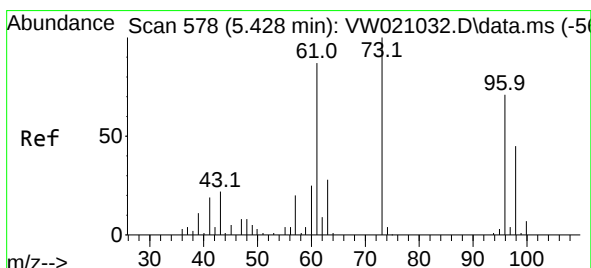
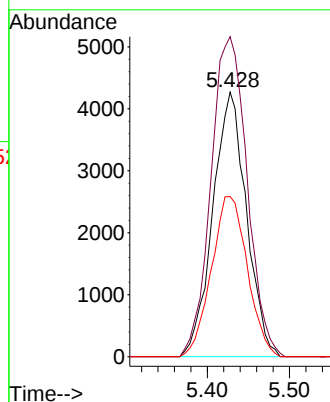
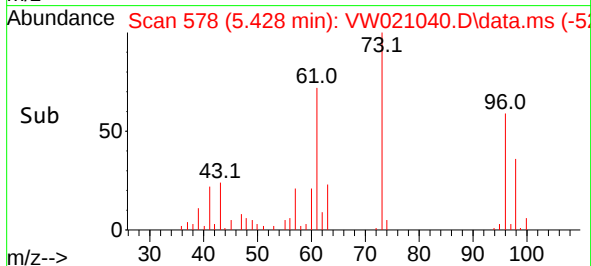
#17
trans-1,2-Dichloroethene
Concen: 20.462 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Instrument :
MSVOA_W
ClientSampleId :

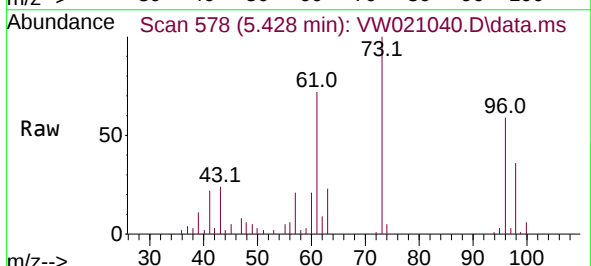


Tgt Ion: 96 Resp: 12142

Ion	Ratio	Lower	Upper
96	100		
61	121.0	107.4	199.4
98	60.5	41.2	76.6

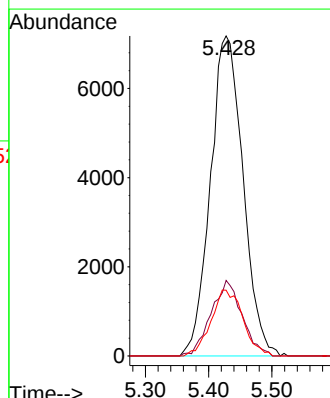
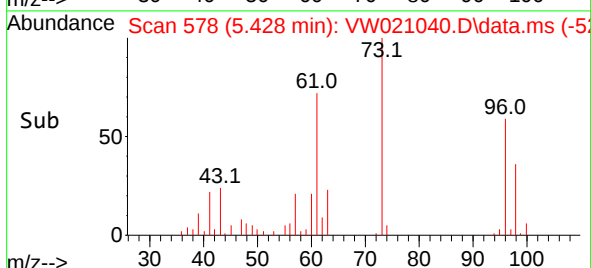


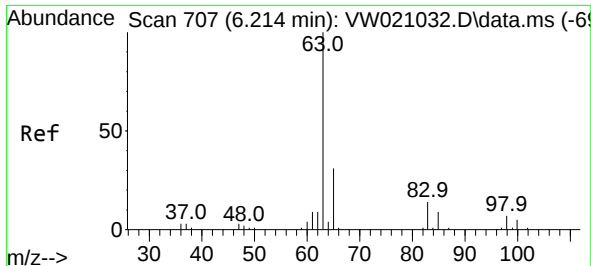
#18
Methyl tert-butyl Ether
Concen: 28.877 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23



Tgt Ion: 73 Resp: 25721

Ion	Ratio	Lower	Upper
73	100		
43	22.2	19.5	29.3
57	20.2	19.3	28.9

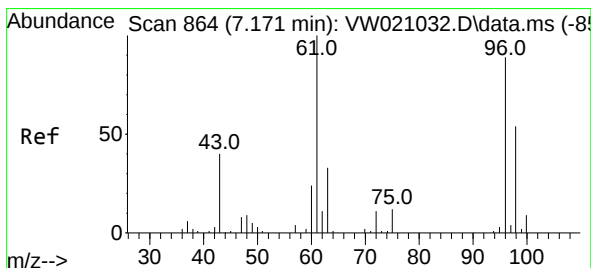
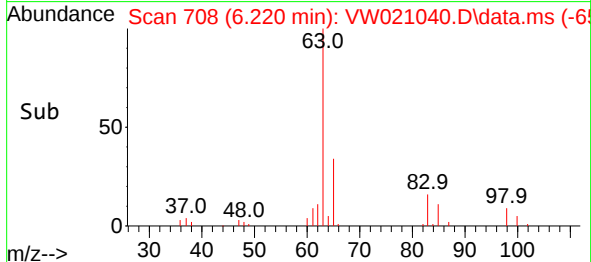
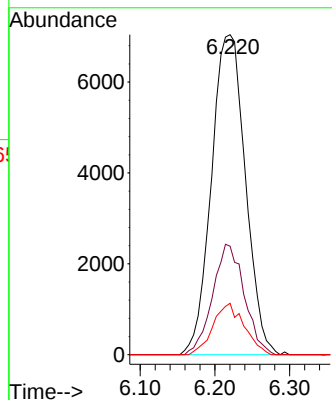
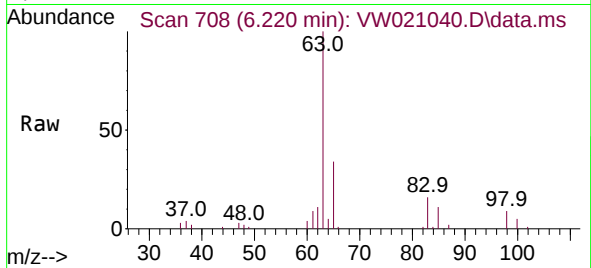




#19
1,1-Dichloroethane
Concen: 22.649 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

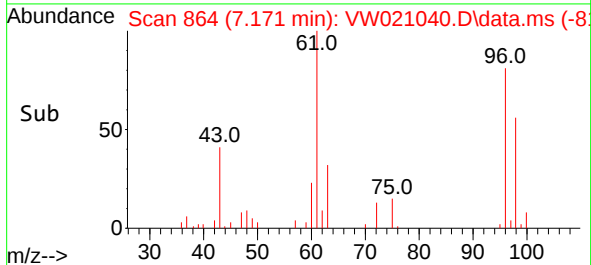
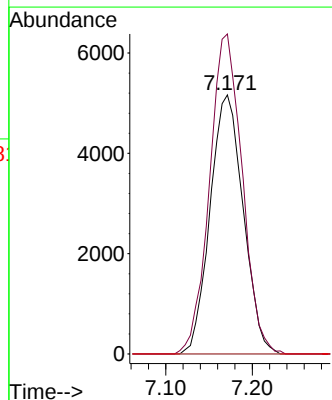
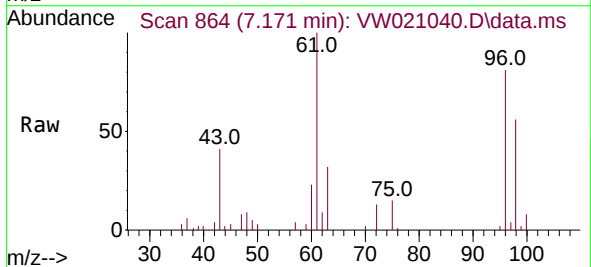
Instrument :
MSVOA_W
ClientSampleId :

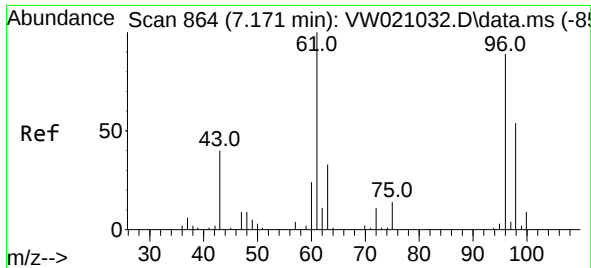
Tgt Ion: 63 Resp: 22269
Ion Ratio Lower Upper
63 100
65 33.9 22.1 41.1
83 16.1 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 21.481 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 96 Resp: 13738
Ion Ratio Lower Upper
96 100
61 123.5 103.7 192.7
68 0.0 0.0 0.0

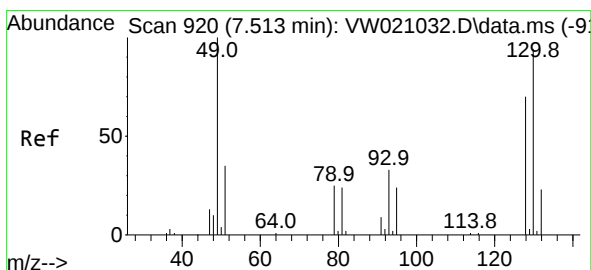
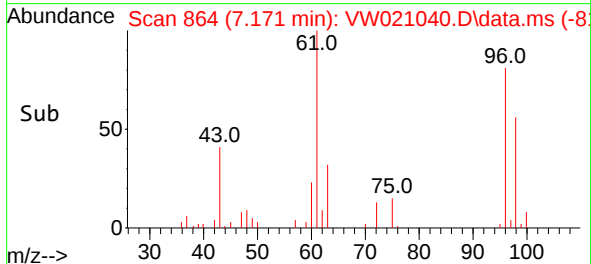
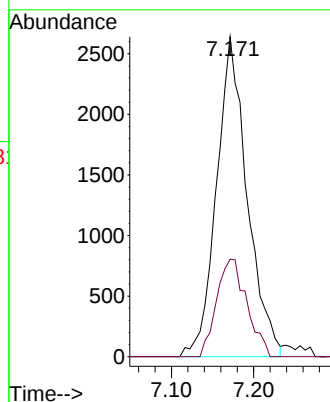
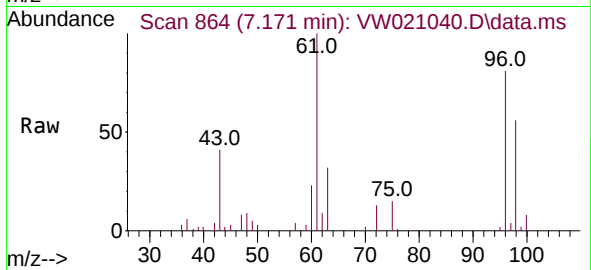




#22
2-Butanone
Concen: 44.457 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

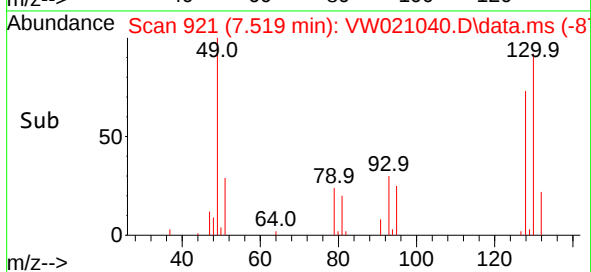
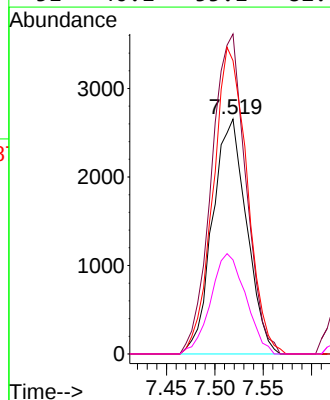
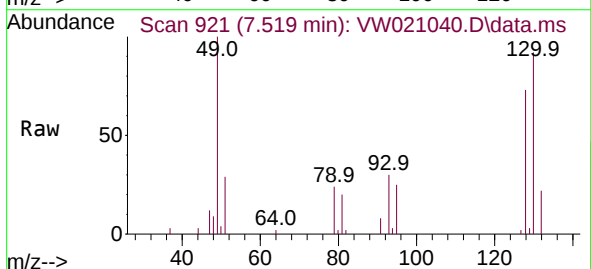
Instrument :
MSVOA_W
ClientSampleId :

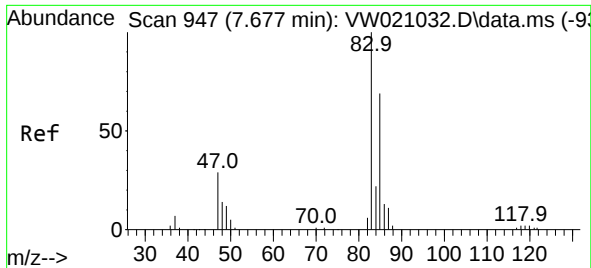
Tgt Ion: 43 Resp: 6861
Ion Ratio Lower Upper
43 100
72 29.9 11.8 35.4



#23
Bromochloromethane
Concen: 22.259 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 128 Resp: 6508
Ion Ratio Lower Upper
128 100
49 136.2 150.3 279.1#
130 124.9 88.3 163.9
51 40.1 55.1 82.7#

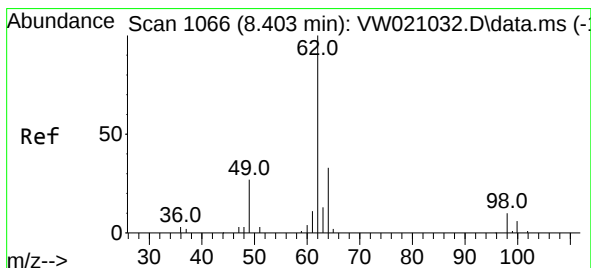
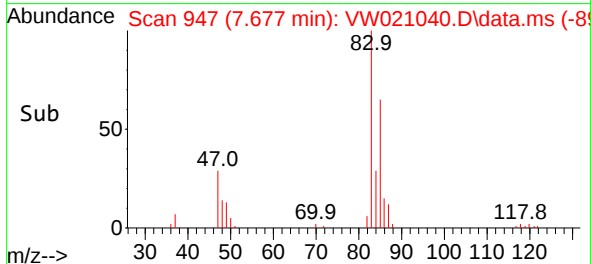
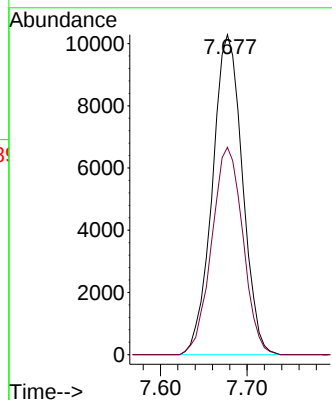
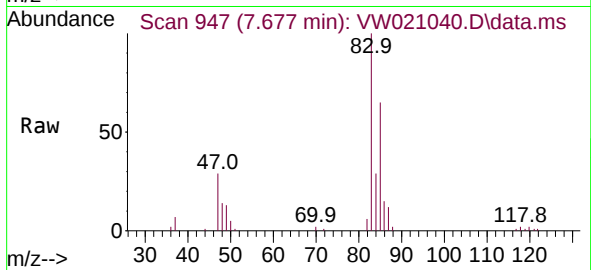




#25
Chloroform
Concen: 23.068 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

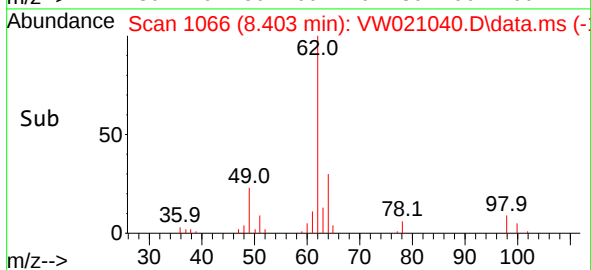
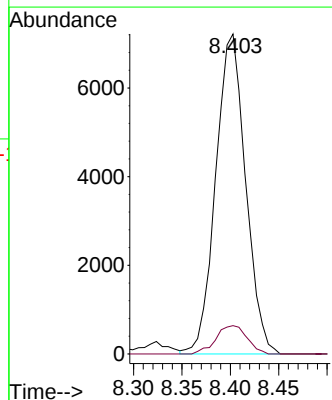
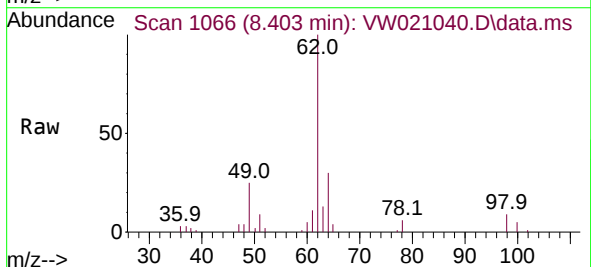
Instrument :
MSVOA_W
ClientSampleId :

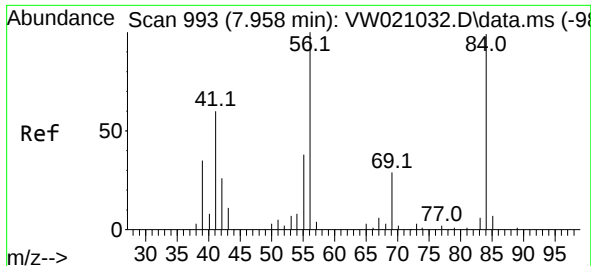
Tgt Ion: 83 Resp: 24790
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.847 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 62 Resp: 15518
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7





#29

Cyclohexane

Concen: 22.240 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021040.D

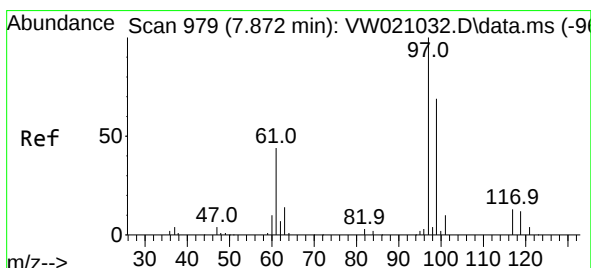
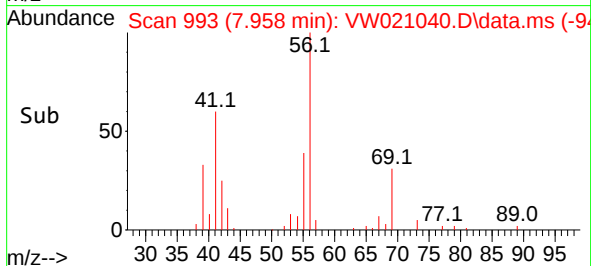
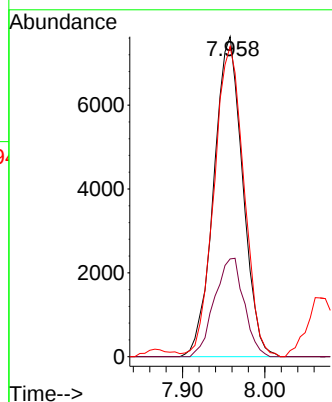
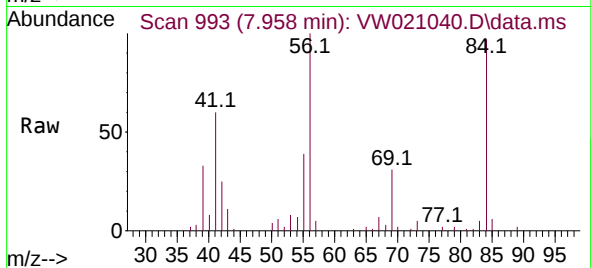
Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	18656
Ion Ratio	Lower	Upper	
56	100		
69	31.4	23.5	35.3
84	99.8	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 26.760 ug/L

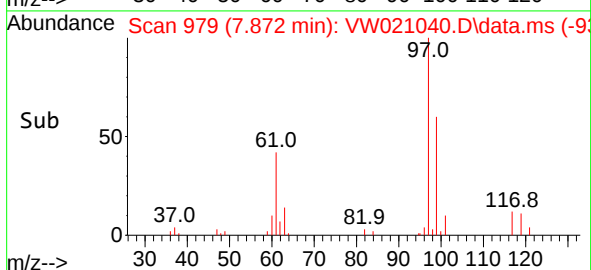
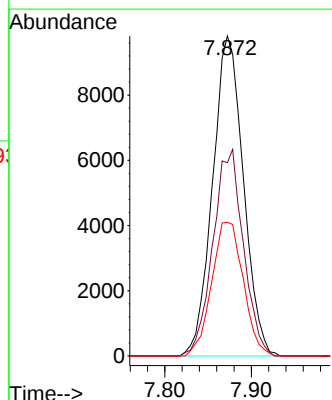
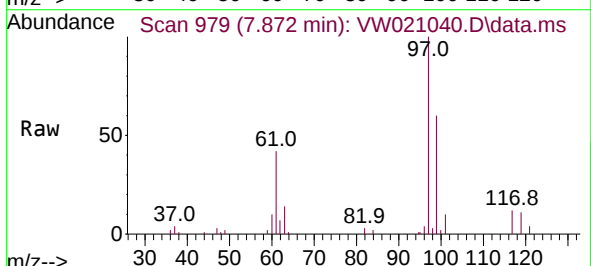
RT: 7.872 min Scan# 979

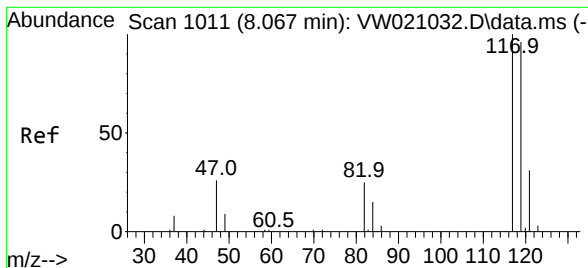
Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Tgt Ion:	97	Resp:	24213
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.6	77.4
61	43.0	40.9	61.3

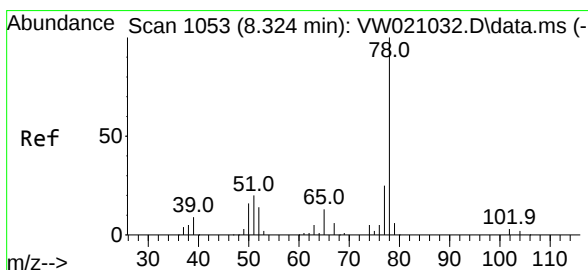
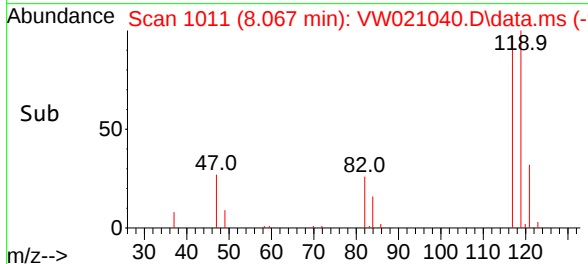
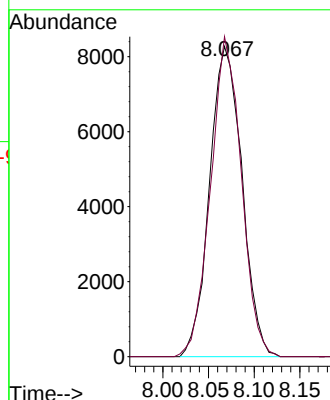
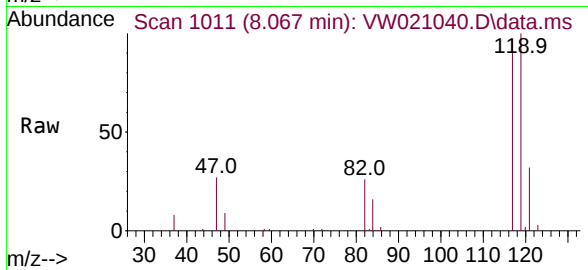




#31
Carbon tetrachloride
Concen: 23.798 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

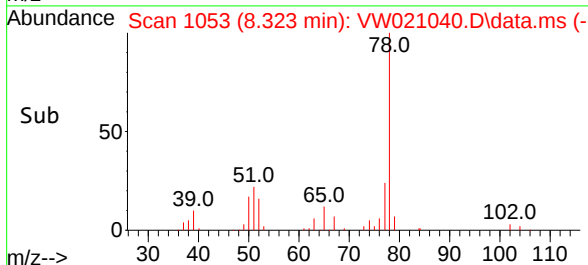
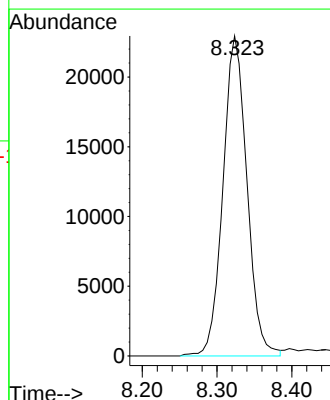
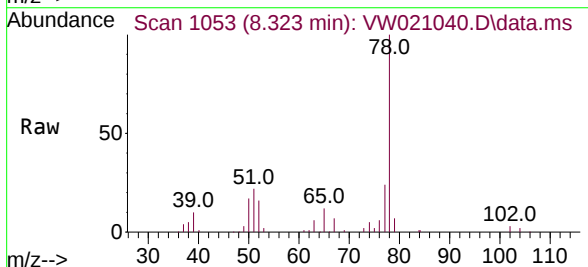
Instrument :
MSVOA_W
ClientSampleId :

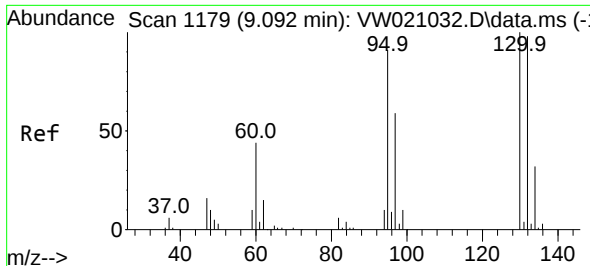
Tgt Ion:117 Resp: 20380
Ion Ratio Lower Upper
117 100
119 97.8 75.7 113.5



#33
Benzene
Concen: 24.074 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 78 Resp: 51286





#34

Trichloroethene

Concen: 23.340 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

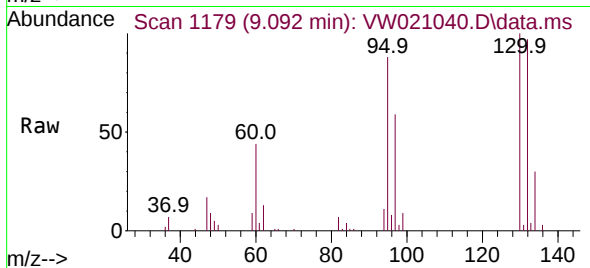
Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 13908

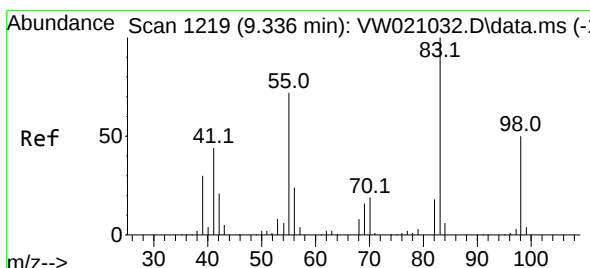
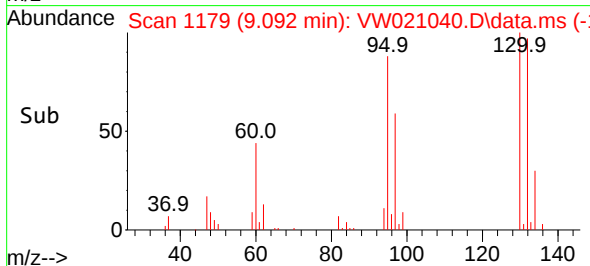
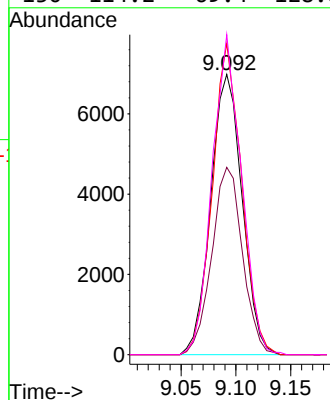
Ion Ratio Lower Upper

95 100

97 66.8 47.0 87.2

132 111.0 65.5 121.6

130 114.2 69.4 128.8



#35

Methylcyclohexane

Concen: 21.599 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

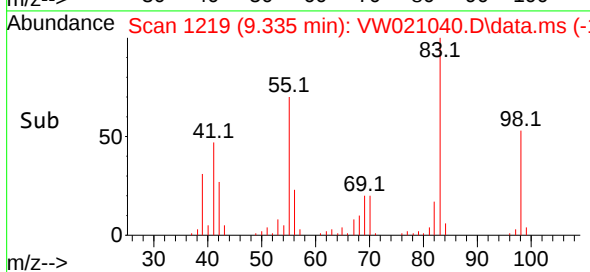
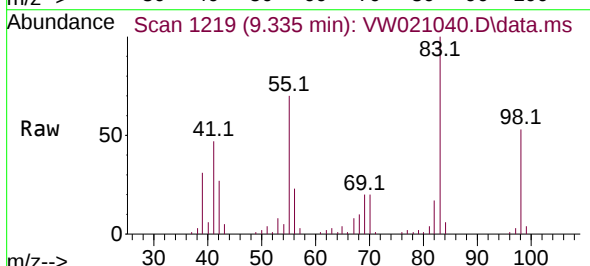
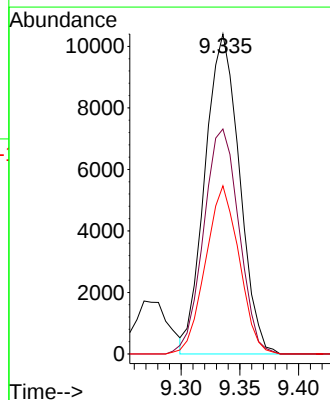
Tgt Ion: 83 Resp: 21220

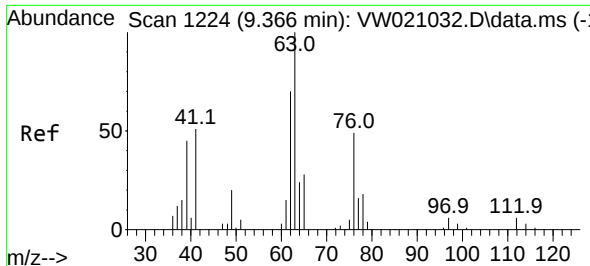
Ion Ratio Lower Upper

83 100

55 72.1 70.8 106.2

98 51.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.266 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

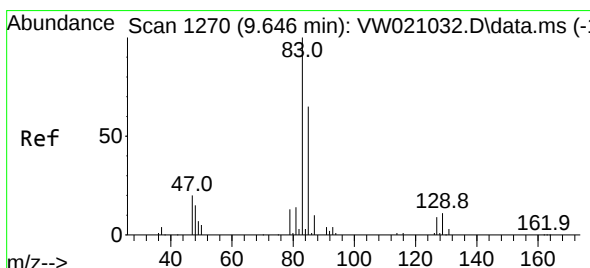
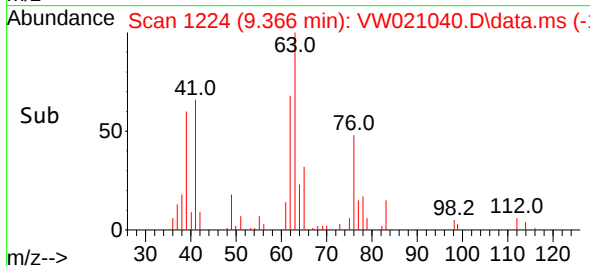
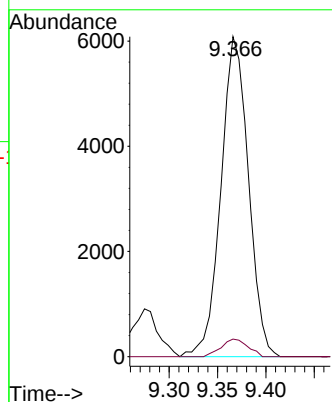
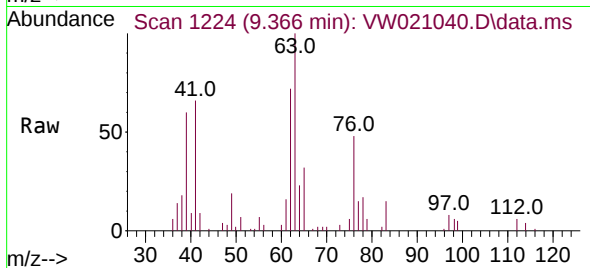
ClientSampleId :

Tgt Ion: 63 Resp: 12031

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 22.412 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

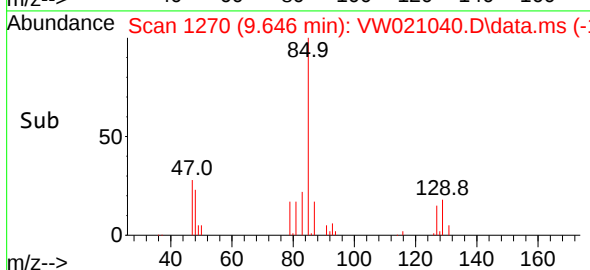
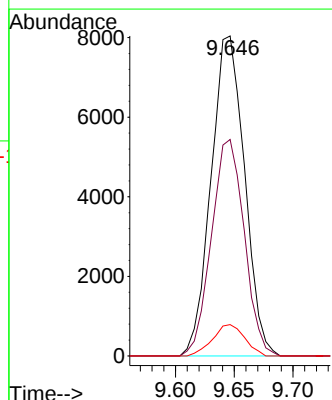
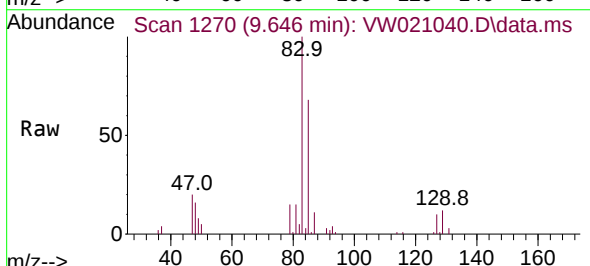
Tgt Ion: 83 Resp: 15947

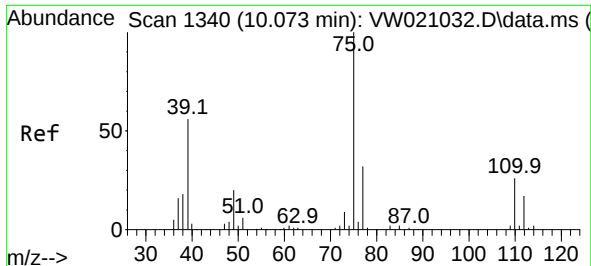
Ion Ratio Lower Upper

83 100

85 67.7 44.1 81.9

127 9.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 21.615 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

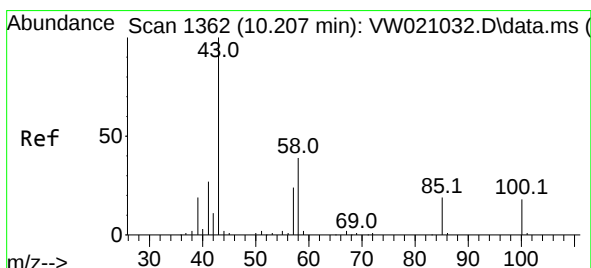
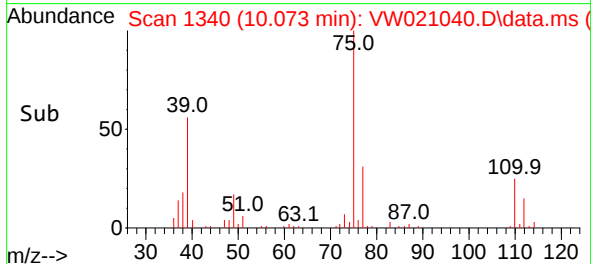
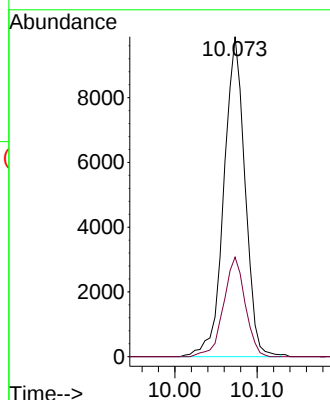
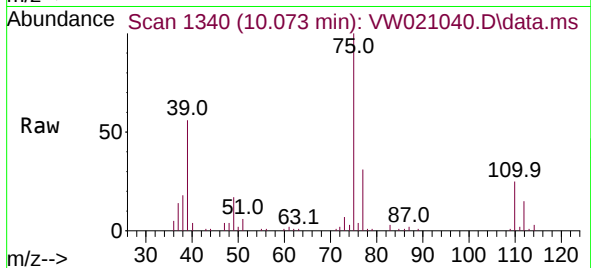
ClientSampleId :

Tgt Ion: 75 Resp: 17694

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.379 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

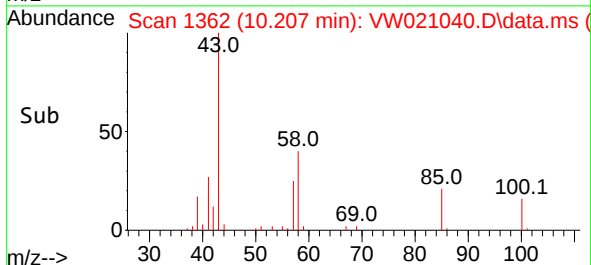
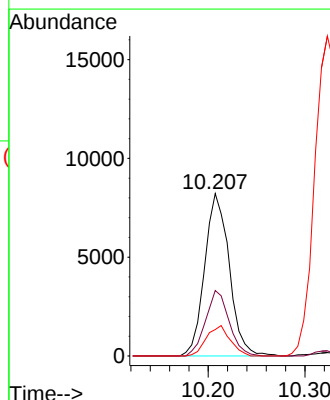
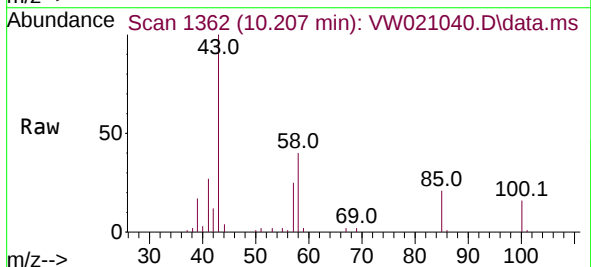
Tgt Ion: 43 Resp: 14572

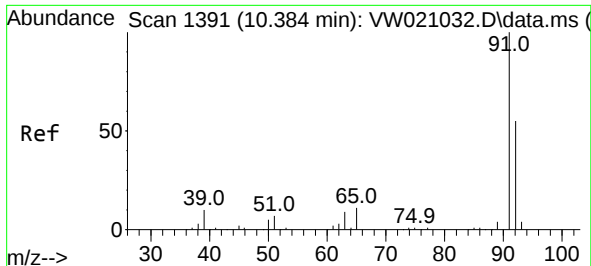
Ion Ratio Lower Upper

43 100

58 38.4 28.8 43.2

100 17.9 10.0 15.0#





#42

Toluene

Concen: 24.507 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

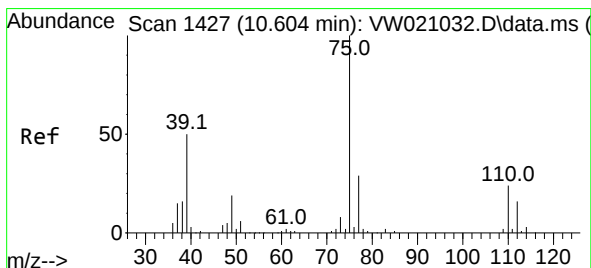
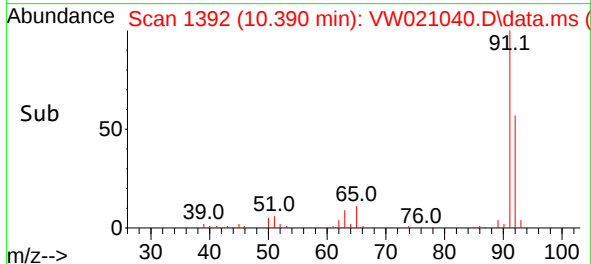
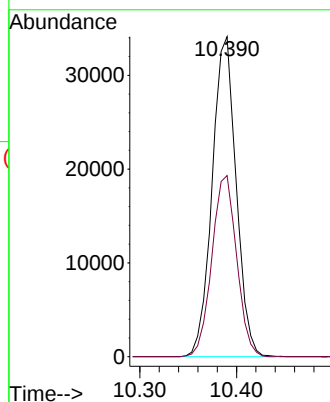
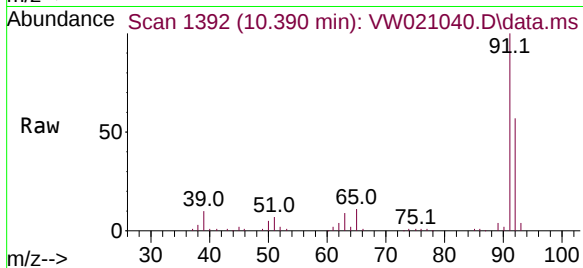
ClientSampleId :

Tgt Ion: 91 Resp: 58726

Ion Ratio Lower Upper

91 100

92 56.6 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 20.348 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021040.D

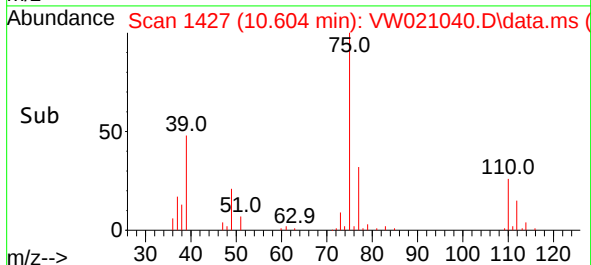
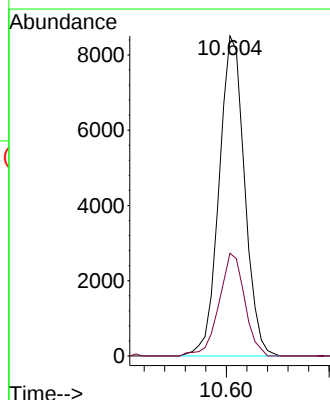
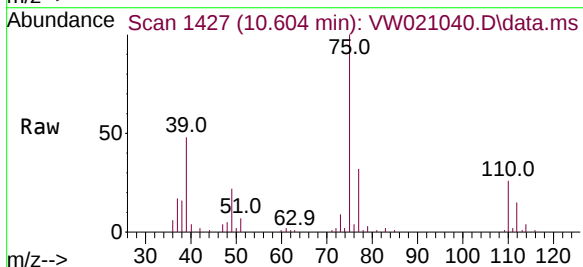
Acq: 02 Dec 2021 12:23

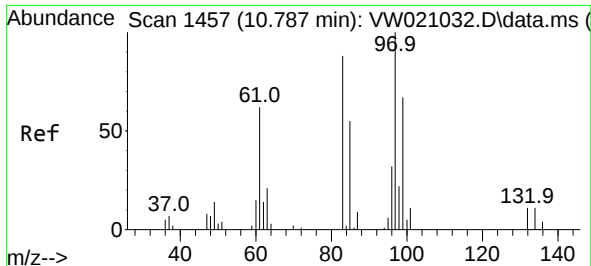
Tgt Ion: 75 Resp: 14639

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 25.041 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 9656

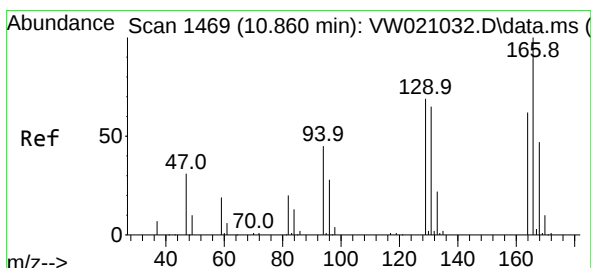
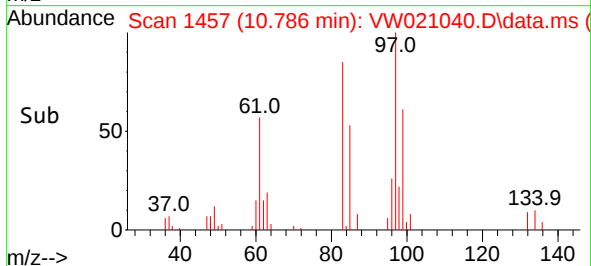
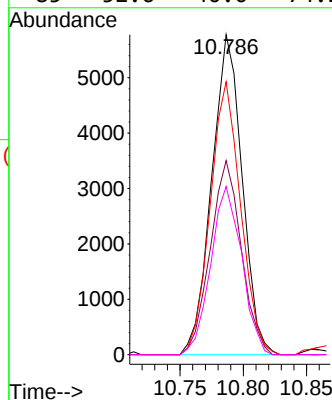
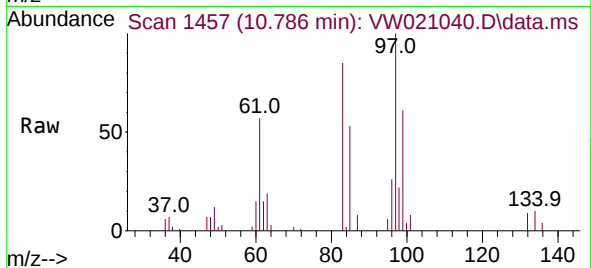
Ion Ratio Lower Upper

97 100

99 60.7 43.0 79.8

83 85.3 62.6 116.3

85 52.6 40.0 74.2



#46

Tetrachloroethene

Concen: 21.871 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Tgt Ion:164 Resp: 11966

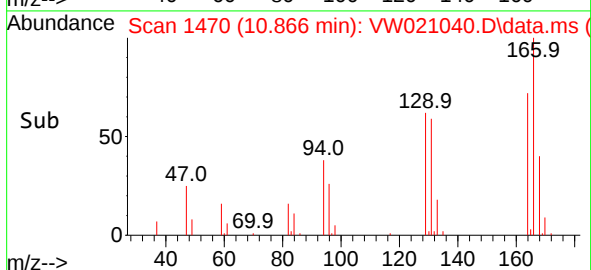
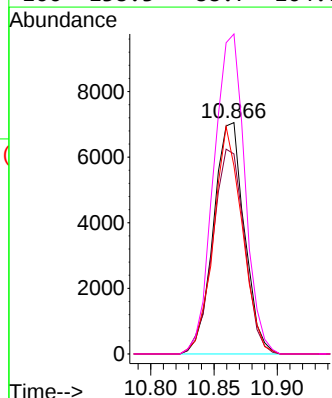
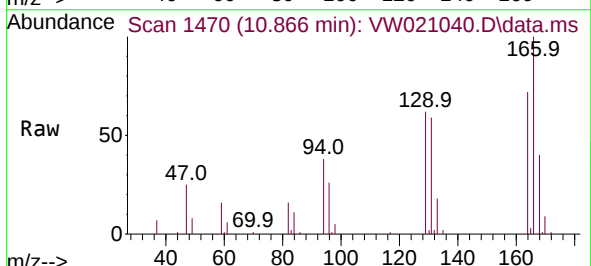
Ion Ratio Lower Upper

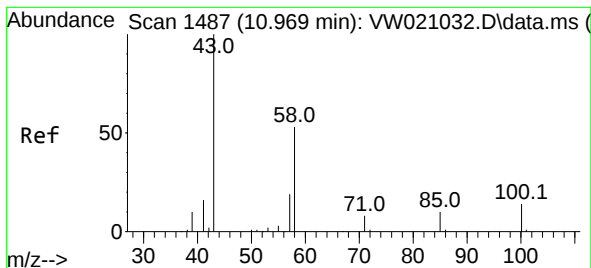
164 100

129 86.4 65.5 121.7

131 81.3 59.7 110.9

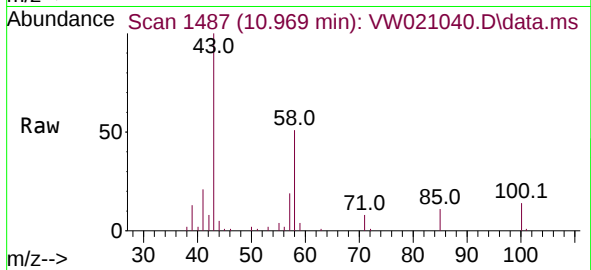
166 138.3 88.7 164.7



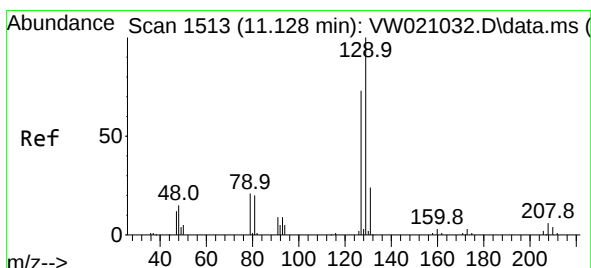
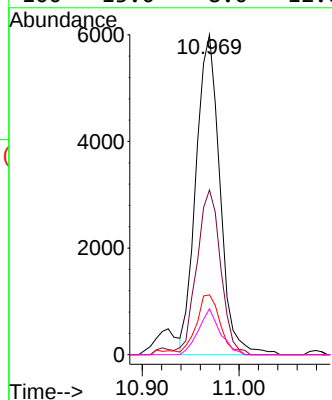
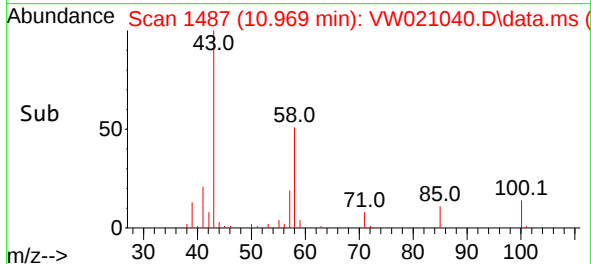


#48
2-Hexanone
Concen: 50.496 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Instrument :
MSVOA_W
ClientSampleId :

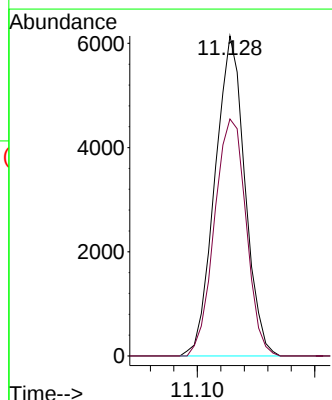
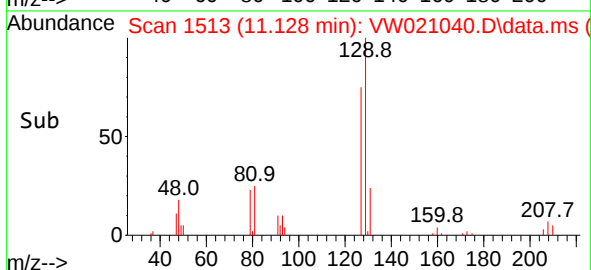
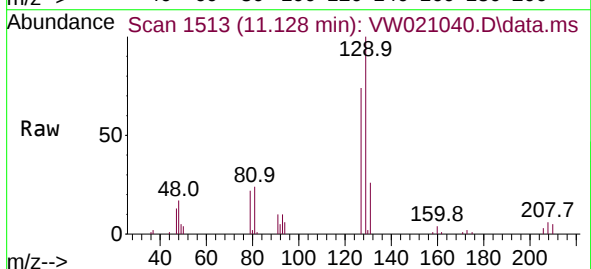


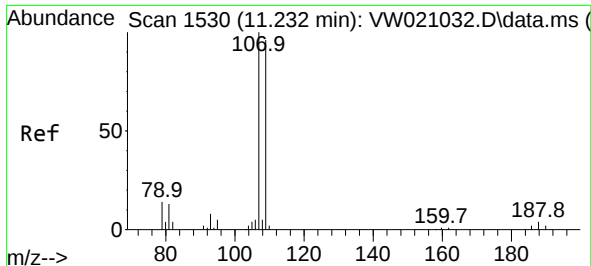
Tgt Ion: 43 Resp: 10322
Ion Ratio Lower Upper
43 100
58 51.4 40.2 60.2
57 18.5 14.3 21.5
100 13.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 20.460 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 129 Resp: 10877
Ion Ratio Lower Upper
129 100
127 74.0 55.7 103.5

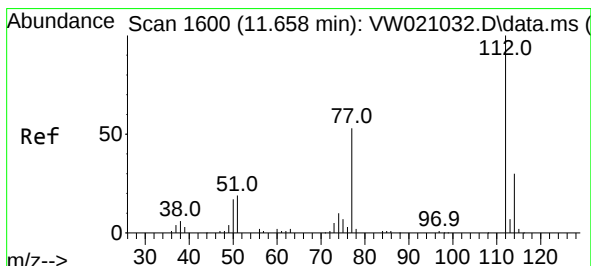
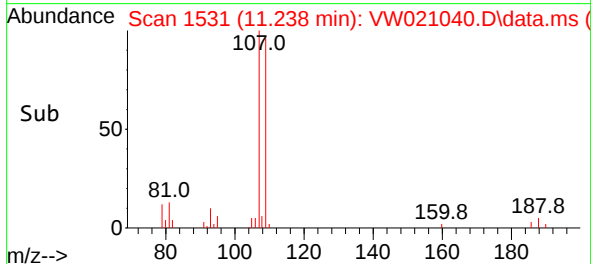
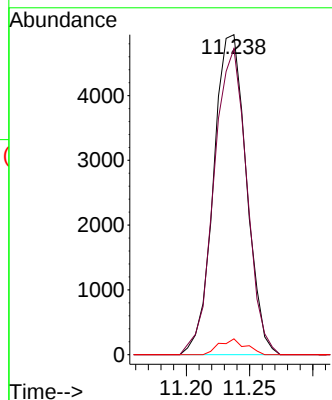
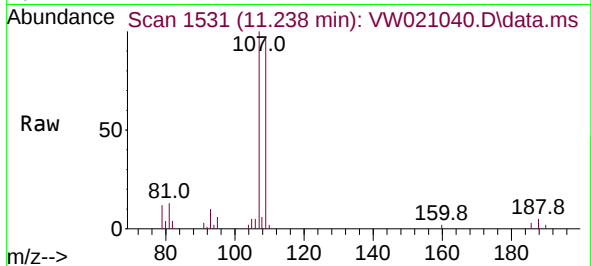




#50
1,2-Dibromoethane
Concen: 23.003 ug/L
RT: 11.238 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

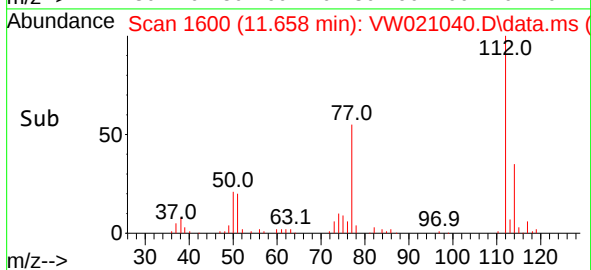
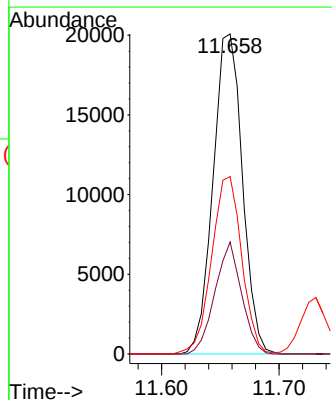
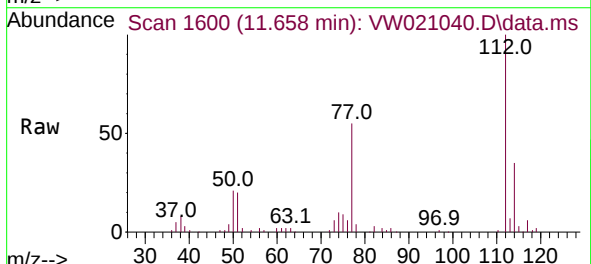
Instrument :
MSVOA_W
ClientSampleId :

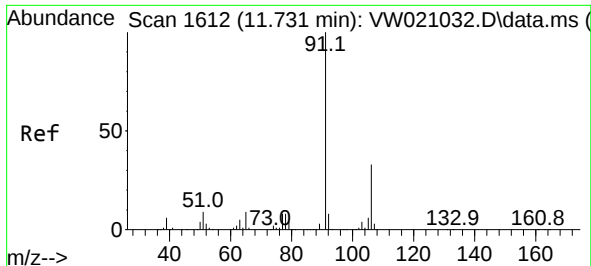
Tgt Ion:107 Resp: 8893
Ion Ratio Lower Upper
107 100
109 95.6 64.1 119.1
188 5.0 2.6 3.8#



#51
Chlorobenzene
Concen: 21.875 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion:112 Resp: 34863
Ion Ratio Lower Upper
112 100
114 35.0 22.4 41.6
77 55.5 50.2 75.4

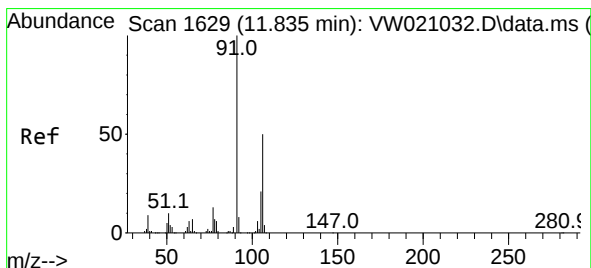
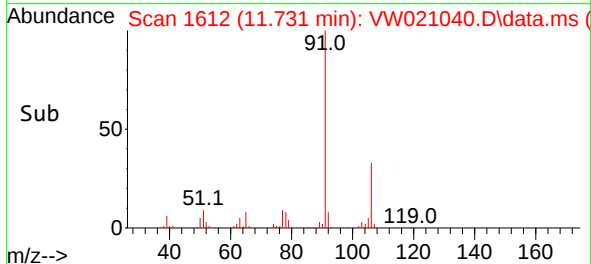
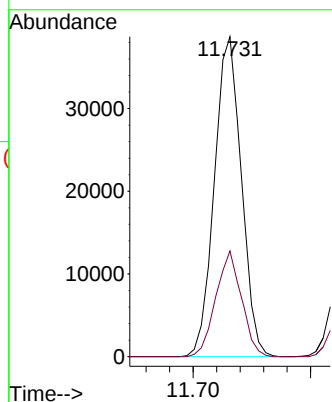
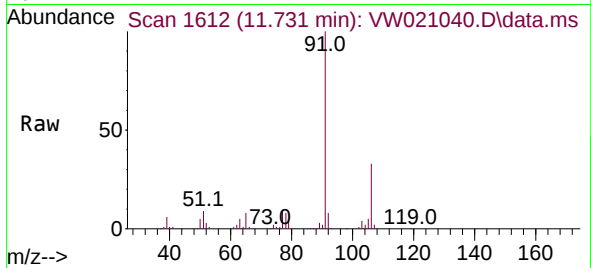




#52
Ethylbenzene
Concen: 23.242 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

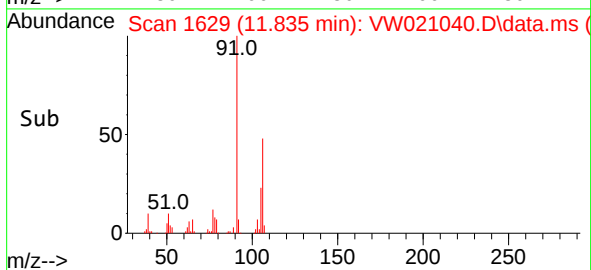
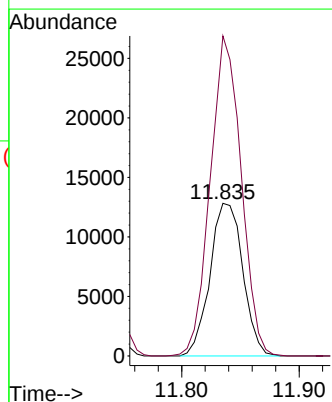
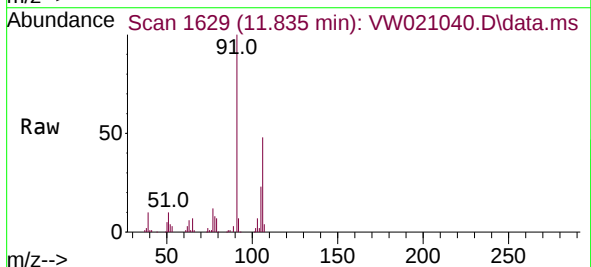
Instrument :
MSVOA_W
ClientSampleId :

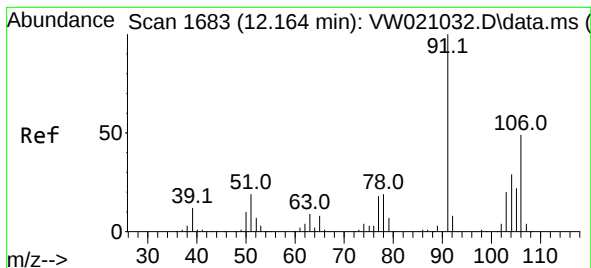
Tgt Ion: 91 Resp: 61715
Ion Ratio Lower Upper
91 100
106 33.0 21.5 39.9



#53
m,p-Xylene
Concen: 22.965 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion: 106 Resp: 24896
Ion Ratio Lower Upper
106 100
91 209.7 149.9 278.3





#54

o-Xylene

Concen: 22.917 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

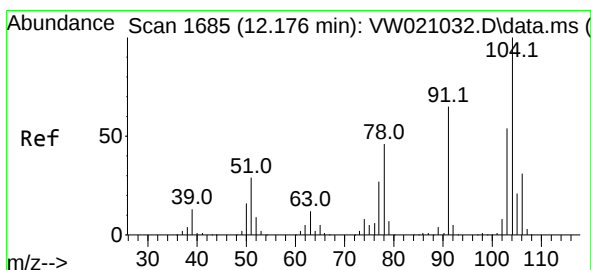
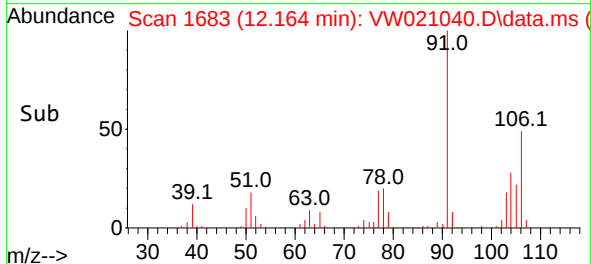
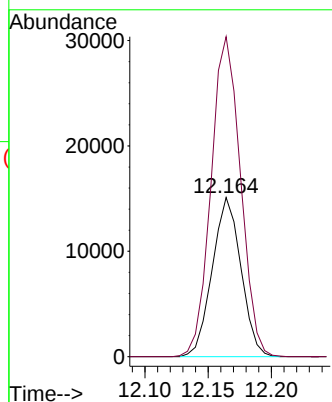
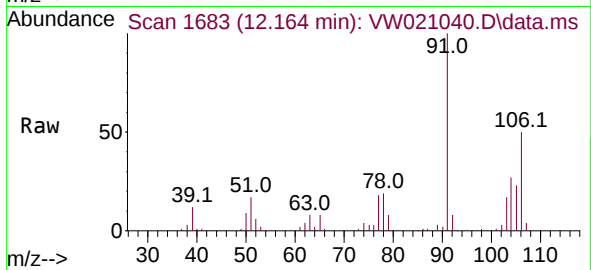
ClientSampleId :

Tgt Ion:106 Resp: 23860

Ion Ratio Lower Upper

106 100

91 201.1 153.6 285.3



#55

Styrene

Concen: 20.445 ug/L

RT: 12.183 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW021040.D

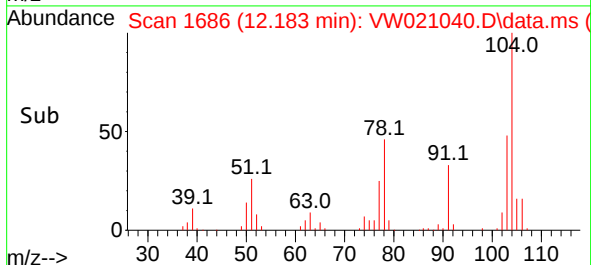
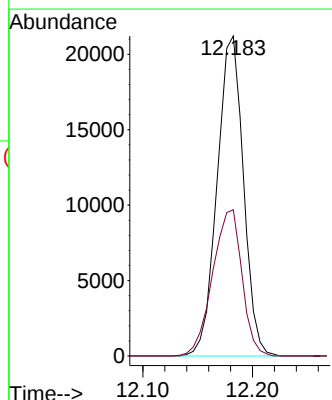
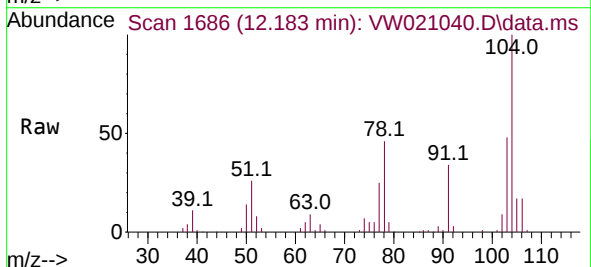
Acq: 02 Dec 2021 12:23

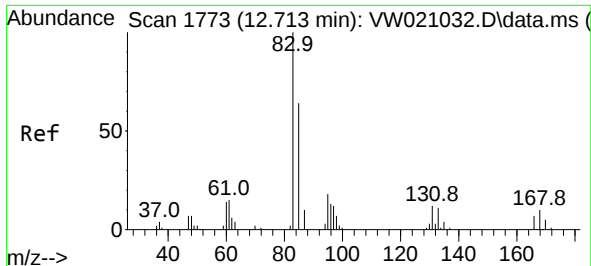
Tgt Ion:104 Resp: 35346

Ion Ratio Lower Upper

104 100

78 45.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.625 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021040.D

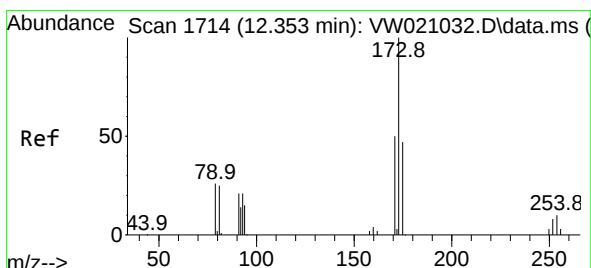
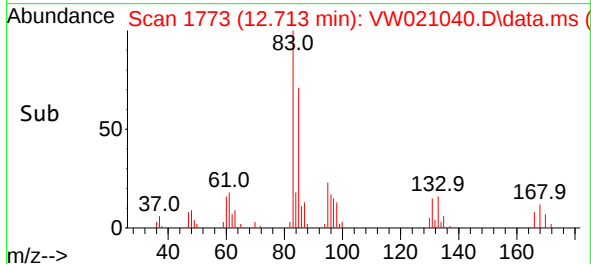
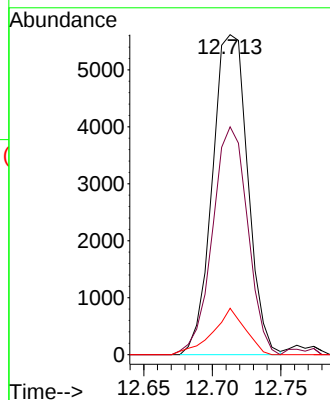
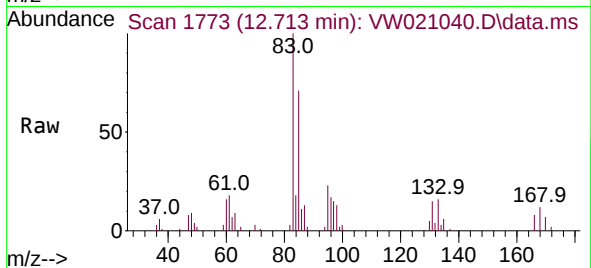
Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	10097
Ion Ratio	Lower	Upper	
83	100		
85	71.2	44.0	81.6
131	14.5	6.9	10.3#



#59

Bromoform

Concen: 22.409 ug/L

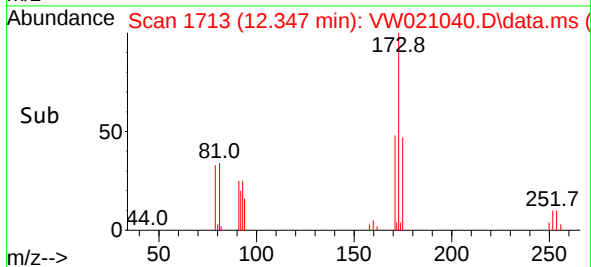
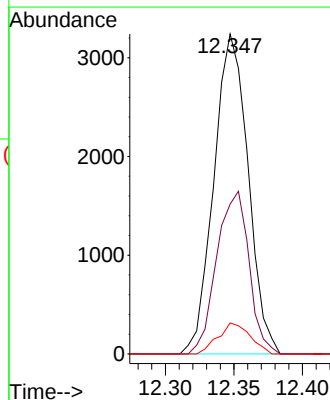
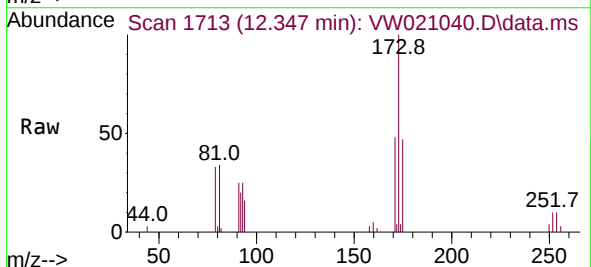
RT: 12.347 min Scan# 1713

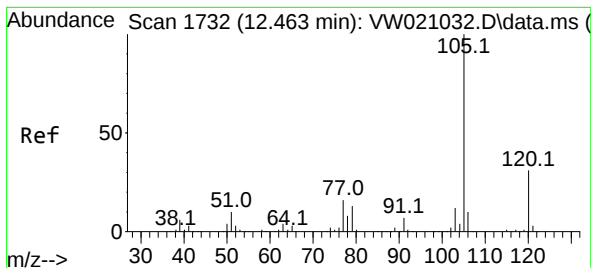
Delta R.T. -0.006 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Tgt Ion:	173	Resp:	5628
Ion Ratio	Lower	Upper	
173	100		
175	47.9	39.6	59.4
254	9.1	7.4	11.0





#60

Isopropylbenzene

Concen: 28.348 ug/L

RT: 12.463 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021040.D

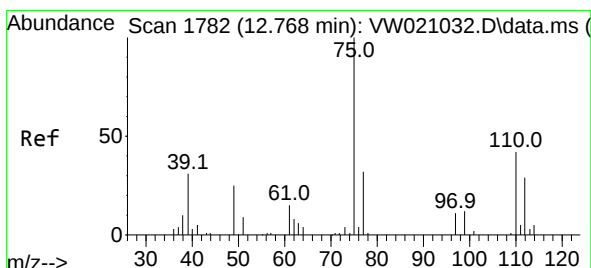
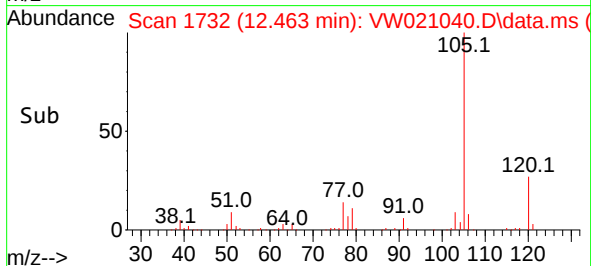
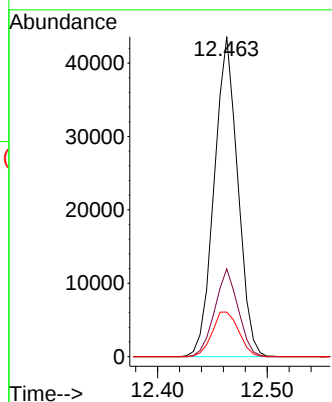
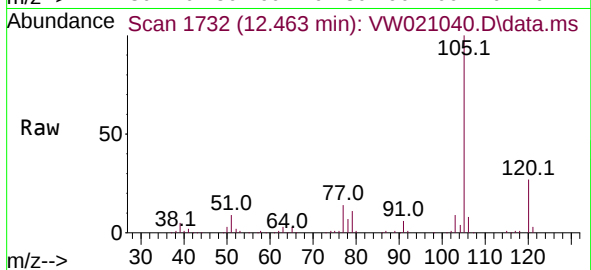
Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	65036
Ion Ratio	Lower	Upper	
105	100		
120	27.2	20.1	30.1
77	15.7	13.8	20.8



#61

1,2,3-Trichloropropane

Concen: 30.190 ug/L

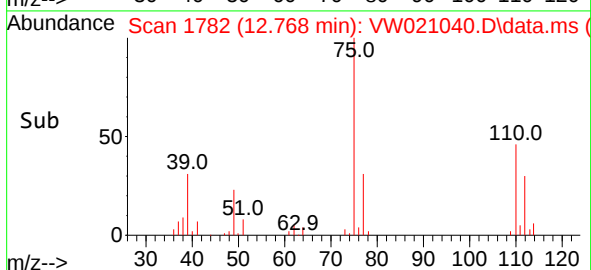
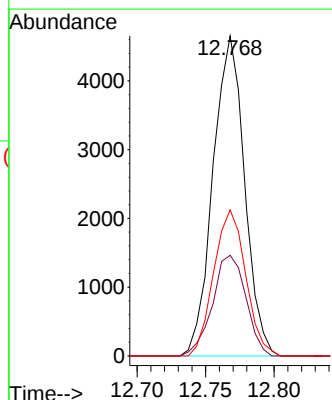
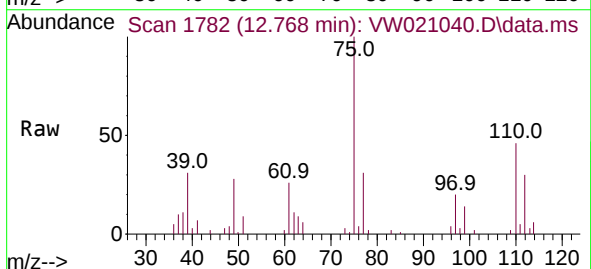
RT: 12.768 min Scan# 1782

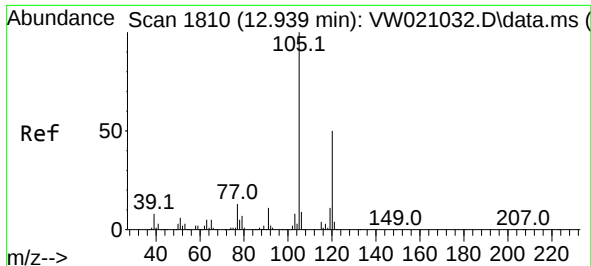
Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Tgt Ion:	75	Resp:	7459
Ion Ratio	Lower	Upper	
75	100		
77	33.3	25.8	38.8
110	46.3	29.0	43.4





#62

1,3,5-Trimethylbenzene

Concen: 26.163 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

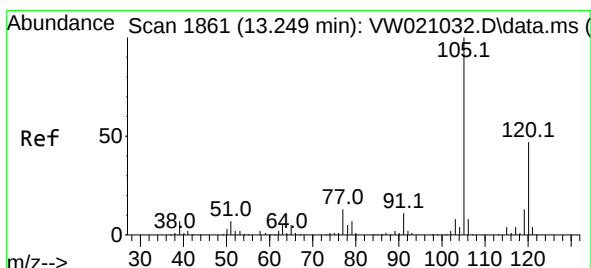
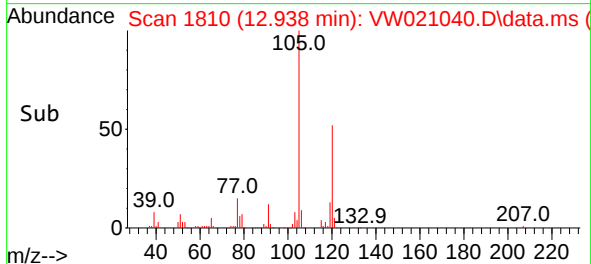
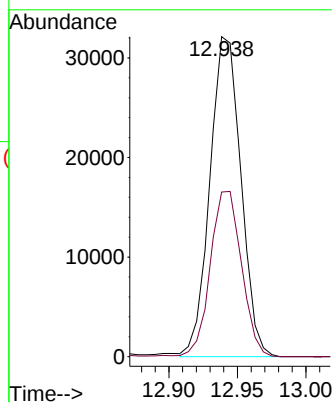
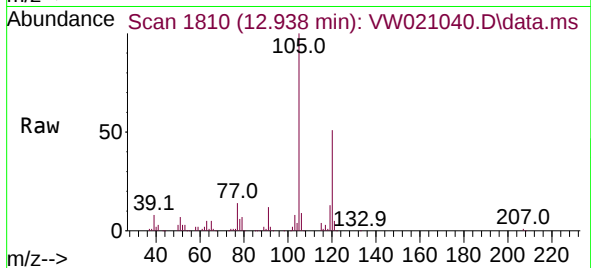
ClientSampleId :

Tgt Ion:105 Resp: 50634

Ion Ratio Lower Upper

105 100

120 51.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.128 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021040.D

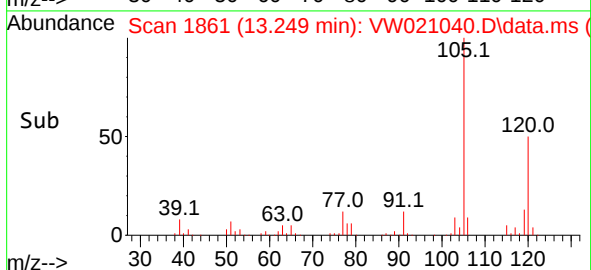
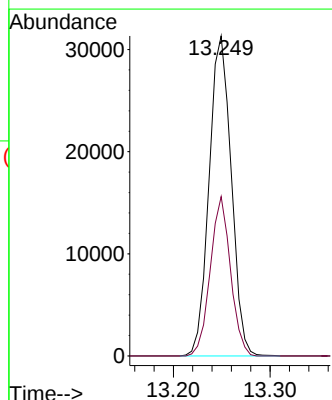
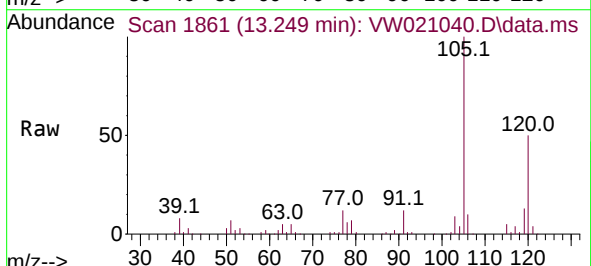
Acq: 02 Dec 2021 12:23

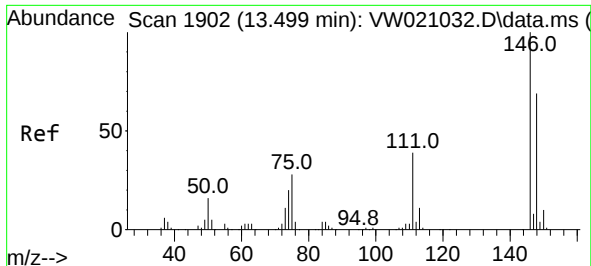
Tgt Ion:105 Resp: 49891

Ion Ratio Lower Upper

105 100

120 45.4 35.0 52.6

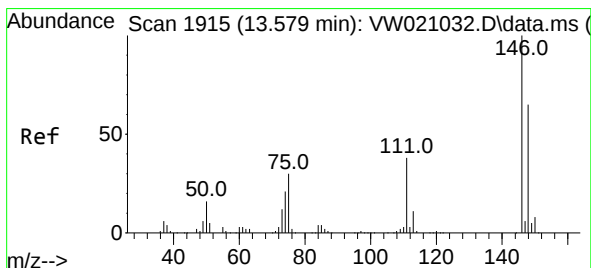
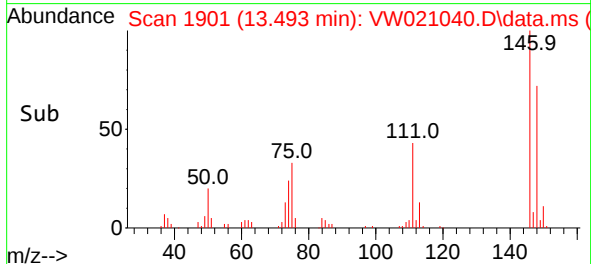
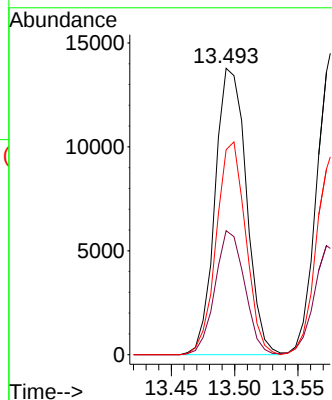
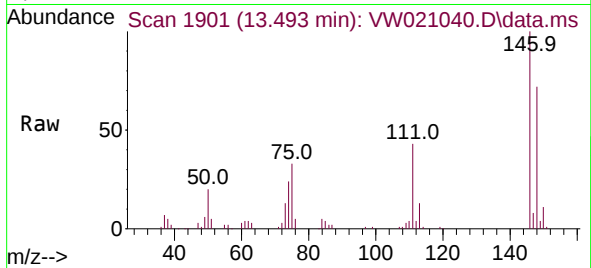




#64
1,3-Dichlorobenzene
Concen: 22.006 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

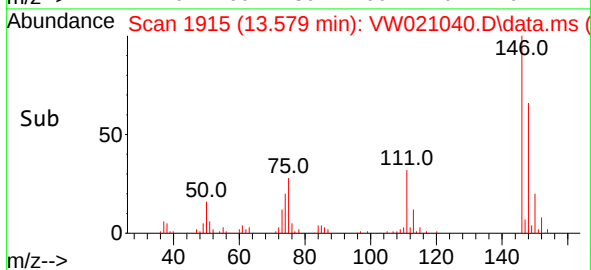
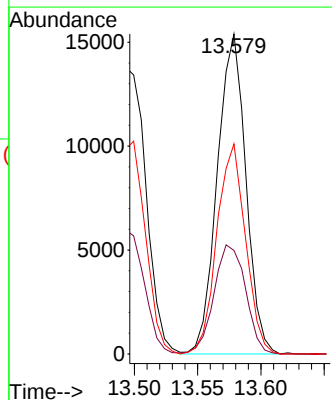
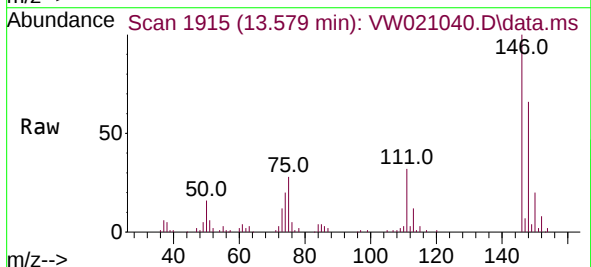
Instrument :
MSVOA_W
ClientSampleId :

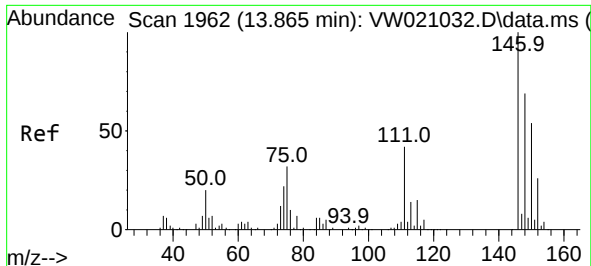
Tgt Ion:146 Resp: 23670
Ion Ratio Lower Upper
146 100
111 43.3 29.8 55.3
148 71.6 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.290 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion:146 Resp: 24185
Ion Ratio Lower Upper
146 100
111 32.3 29.0 53.9
148 65.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.203 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

ClientSampleId :

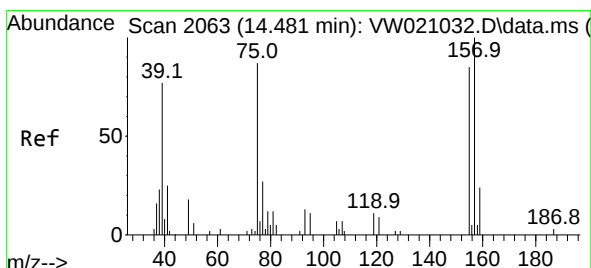
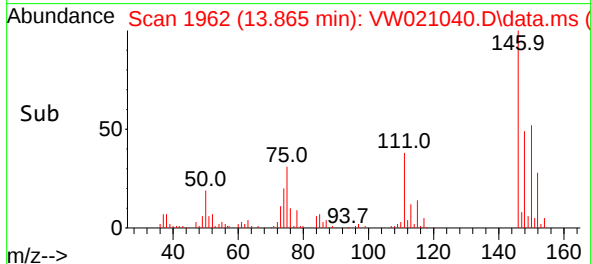
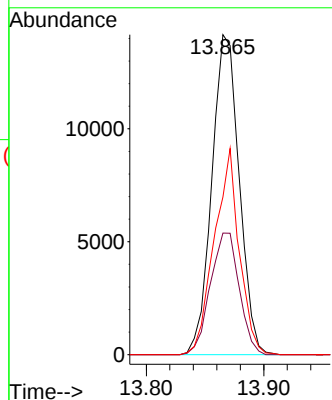
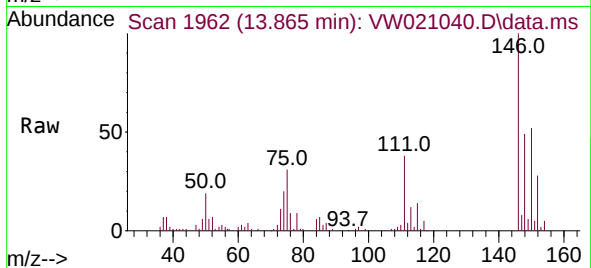
Tgt Ion:146 Resp: 22940

Ion Ratio Lower Upper

146 100

111 38.0 33.1 49.7

148 49.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.174 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

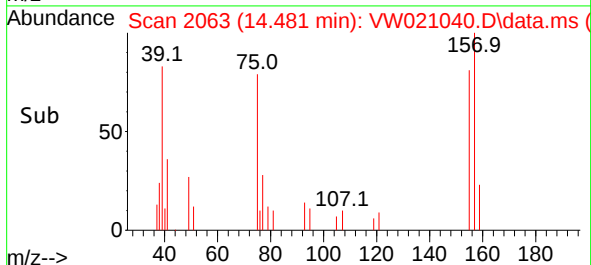
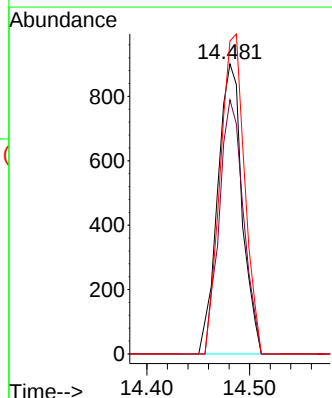
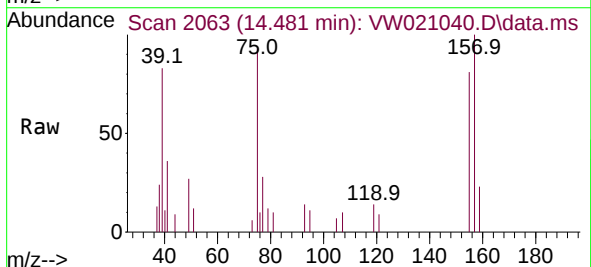
Tgt Ion: 75 Resp: 1487

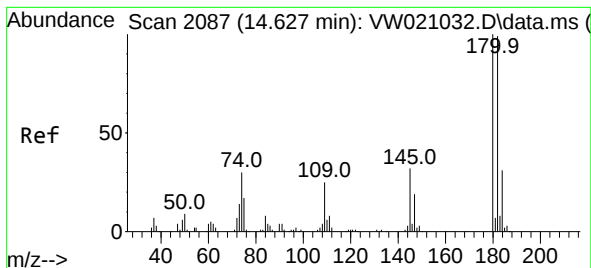
Ion Ratio Lower Upper

75 100

155 87.6 54.2 81.2#

157 107.9 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 18.260 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

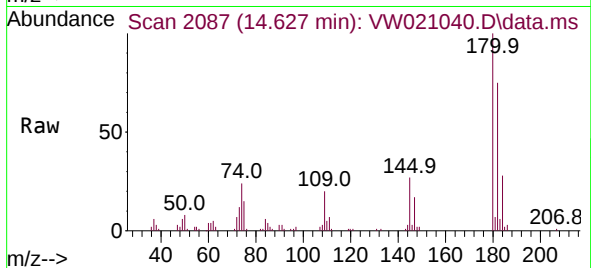
Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 15556

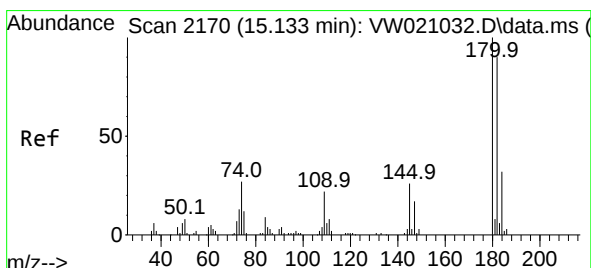
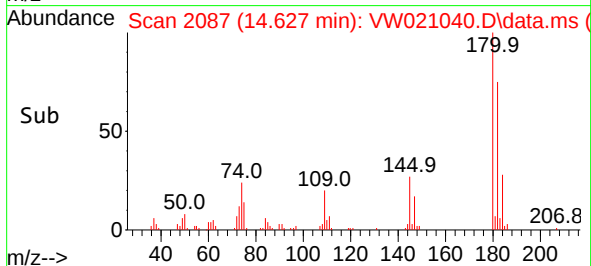
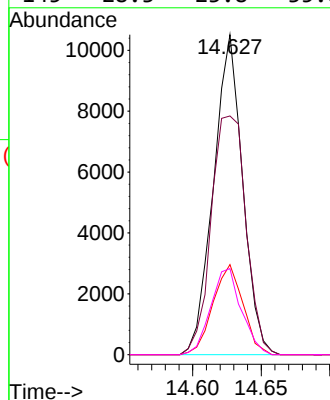
Ion Ratio Lower Upper

180 100

182 88.9 75.4 113.0

184 29.0 23.8 35.8

145 28.3 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 14.427 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021040.D

Acq: 02 Dec 2021 12:23

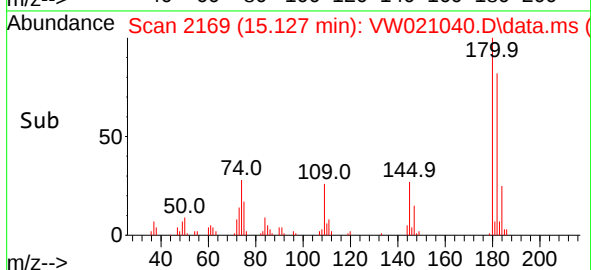
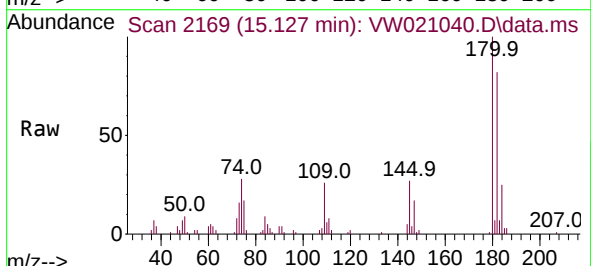
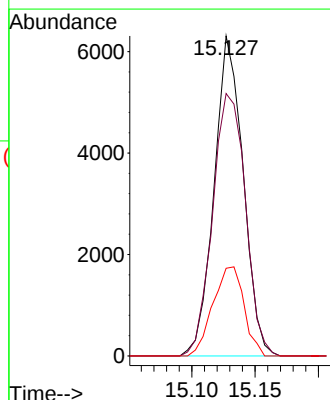
Tgt Ion:180 Resp: 10055

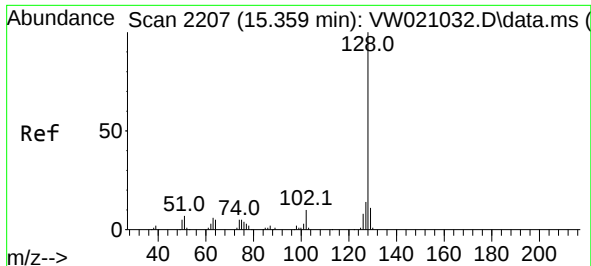
Ion Ratio Lower Upper

180 100

182 92.8 79.0 118.6

145 29.8 26.0 39.0

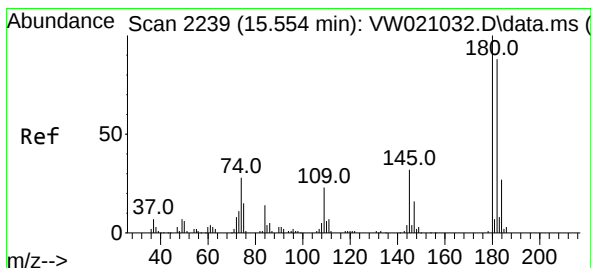
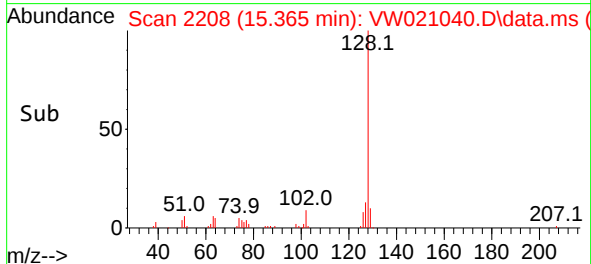
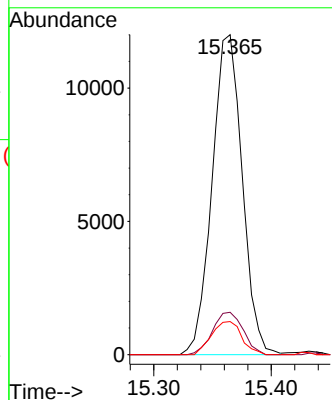
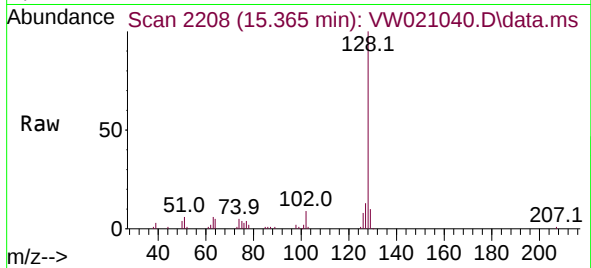




#71
Naphthalene
Concen: 18.826 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 21380
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 14.306 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW021040.D
Acq: 02 Dec 2021 12:23

Tgt Ion:180 Resp: 8414
Ion Ratio Lower Upper
180 100
182 98.2 76.6 114.8
145 32.4 27.4 41.0

