

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021618.D
 Acq On : 23 Dec 2021 17:53
 Operator : SY/VA
 Sample : M5174-10MS
 Misc : 4.67g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:45:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	72724	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	62430	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	27043	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29192	22.040	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.160%
7) Chloroethane-d5	2.885	69	20482	23.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	4.019	63	42161	23.876	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.520%
21) 2-Butanone-d5	7.171	46	111	0.595	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.180%#
24) Chloroform-d	7.653	84	51536	25.429	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.720%
26) 1,2-Dichloroethane-d4	8.305	65	33119	30.722	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.880%
32) Benzene-d6	8.275	84	91155	26.638	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.560%
36) 1,2-Dichloropropane-d6	9.274	67	28032	30.545	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.160%#
41) Toluene-d8	10.323	98	86471	24.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	10.579	79	13296	31.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.840%
47) 2-Hexanone-d5	10.920	63	18356	135.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	270.520%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32983	41.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	167.240%#
66) 1,2-Dichlorobenzene-d4	13.853	152	24237	23.125	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	6001	21.357	ug/L	99
3) Chloromethane	2.215	50	19556	21.022	ug/L	99
5) Vinyl chloride	2.361	62	28457	19.486	ug/L	95
6) Bromomethane	2.776	94	17208	18.167	ug/L	99
8) Chloroethane	2.922	64	14633	21.750	ug/L	100
9) Trichlorofluoromethane	3.257	101	17273	22.417	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	22803	22.708	ug/L	92
12) 1,1-Dichloroethene	4.044	96	19815	21.981	ug/L	76
13) Acetone	4.129	43	16565	98.971	ug/L	94
14) Carbon disulfide	4.385	76	41218	17.706	ug/L	99
15) Methyl Acetate	4.672	43	14497	50.199	ug/L	# 87
16) Methylene chloride	4.915	84	24772	20.615	ug/L	81
17) trans-1,2-Dichloroethene	5.434	96	21615	22.146	ug/L	77
18) Methyl tert-butyl Ether	5.428	73	47880	35.519	ug/L	95
19) 1,1-Dichloroethane	6.220	63	38005	24.814	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	25144	24.424	ug/L	75
22) 2-Butanone	7.177	43	21748	99.498	ug/L	89
23) Bromochloromethane	7.519	128	13730	28.523	ug/L	# 59
25) Chloroform	7.677	83	44906	25.257	ug/L	98

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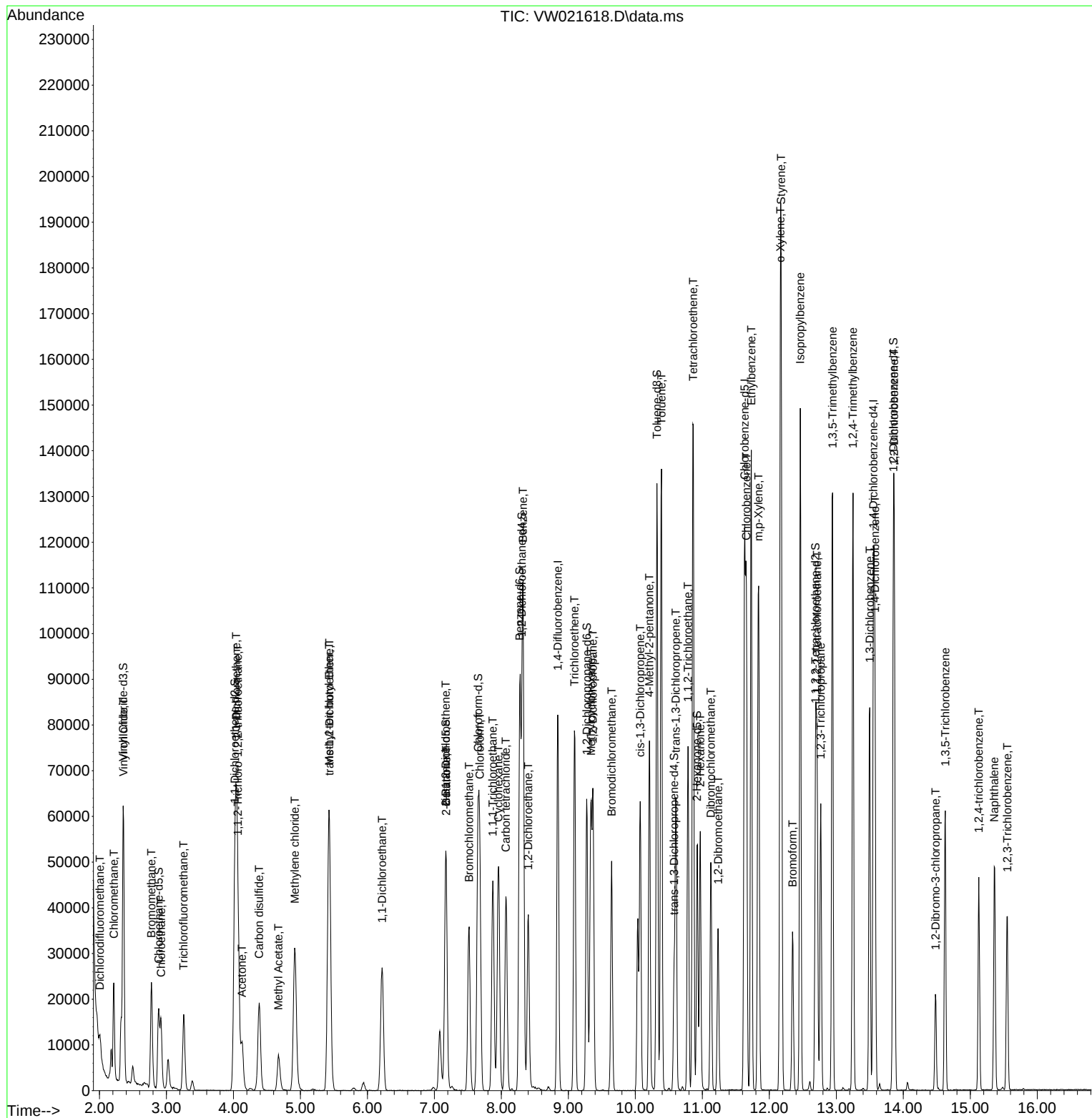
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	34200	30.375	ug/L	97
29) Cyclohexane	7.958	56	26850	21.608	ug/L #	84
30) 1,1,1-Trichloroethane	7.872	97	36915	26.354	ug/L	95
31) Carbon tetrachloride	8.067	117	32374	25.054	ug/L	98
33) Benzene	8.323	78	90946	26.742	ug/L	100
34) Trichloroethene	9.091	95	26928	28.206	ug/L	94
35) Methylcyclohexane	9.341	83	26441	16.790	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	21580	28.448	ug/L #	96
38) Bromodichloromethane	9.646	83	31638	30.333	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	34781	29.086	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	46659	112.883	ug/L #	89
42) Toluene	10.390	91	98852	24.853	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	33579	32.060	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	22928	36.928	ug/L	95
46) Tetrachloroethene	10.866	164	34757	38.325	ug/L	94
48) 2-Hexanone	10.969	43	34578	115.357	ug/L #	95
49) Dibromochloromethane	11.128	129	25862	33.788	ug/L	96
50) 1,2-Dibromoethane	11.237	107	23512	38.052	ug/L #	99
51) Chlorobenzene	11.658	112	57989	21.776	ug/L	90
52) Ethylbenzene	11.731	91	97526	21.456	ug/L	97
53) m,p-Xylene	11.841	106	36360	19.830	ug/L	88
54) o-Xylene	12.164	106	37174	21.362	ug/L	96
55) Styrene	12.176	104	57592	19.446	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	29739	41.783	ug/L #	98
59) Bromoform	12.347	173	15722	48.861	ug/L	98
60) Isopropylbenzene	12.463	105	92543	25.184	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23690	60.191	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	71569	22.888	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	69719	22.602	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	34430	19.865	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	34568	20.074	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	34320	22.491	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4925	60.666	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	19725	15.226	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	14393	13.813	ug/L	94
71) Naphthalene	15.359	128	42571	25.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	13124	15.241	ug/L	98

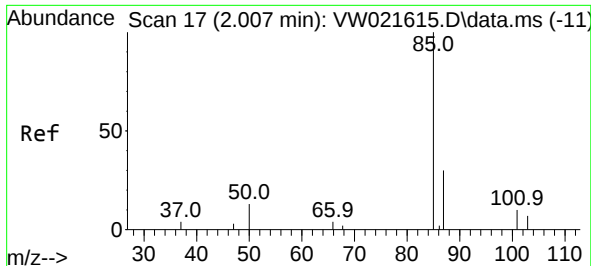
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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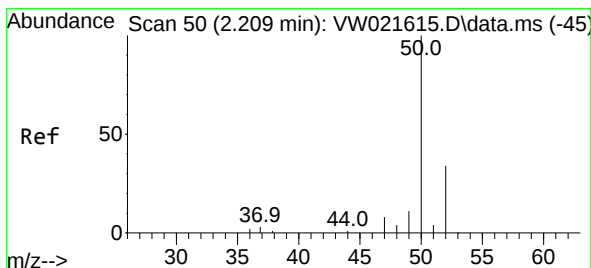
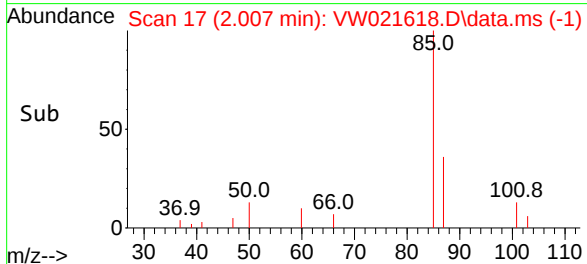
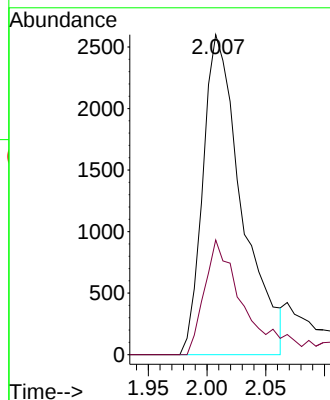
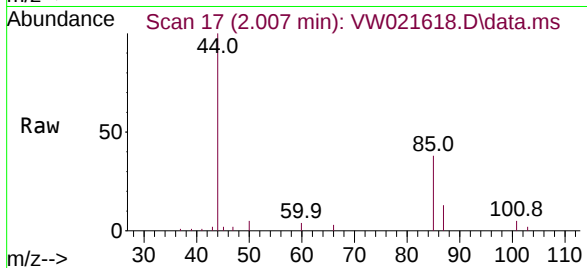




#2
 Dichlorodifluoromethane
 Concen: 21.357 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021618.D
 Acq: 23 Dec 2021 17:53

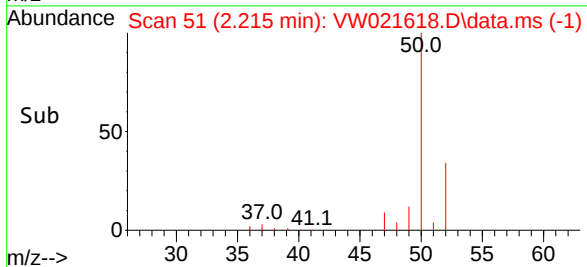
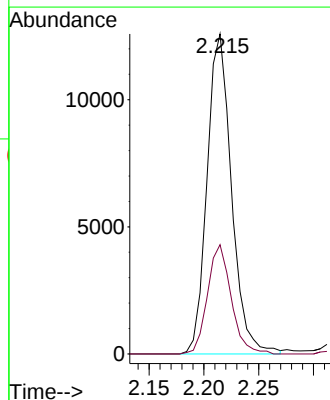
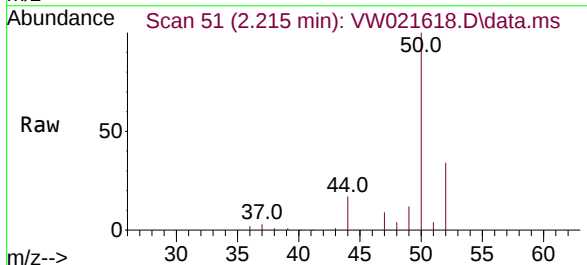
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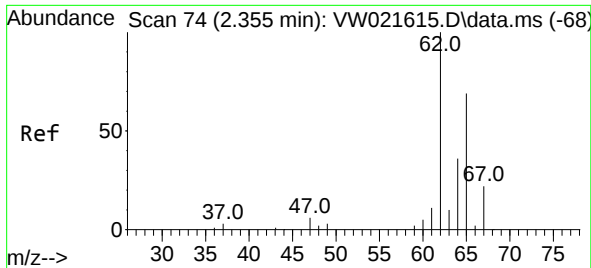
Tgt Ion: 85 Resp: 6001
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.6



#3
 Chloromethane
 Concen: 21.022 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW021618.D
 Acq: 23 Dec 2021 17:53

Tgt Ion: 50 Resp: 19556
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.4 43.6

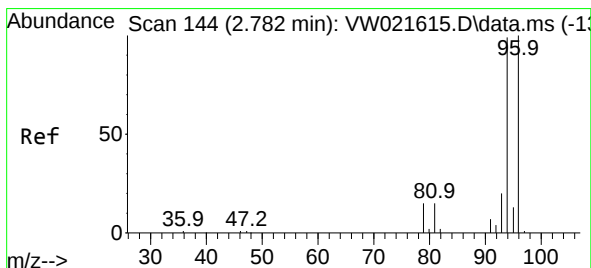
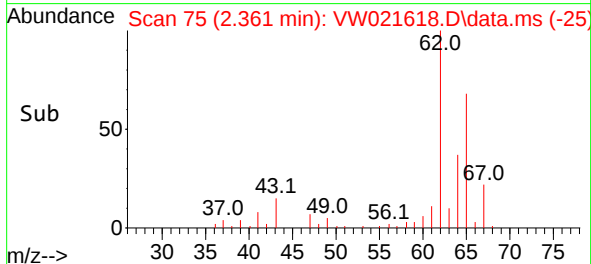
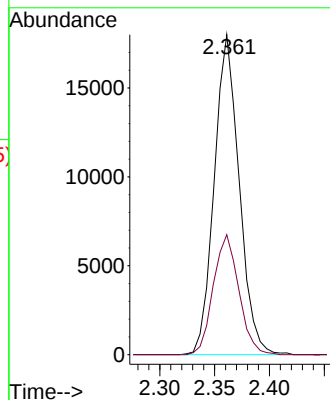
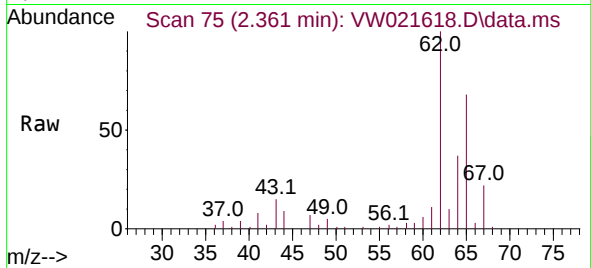




#5
 Vinyl chloride
 Concen: 19.486 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021618.D
 Acq: 23 Dec 2021 17:53

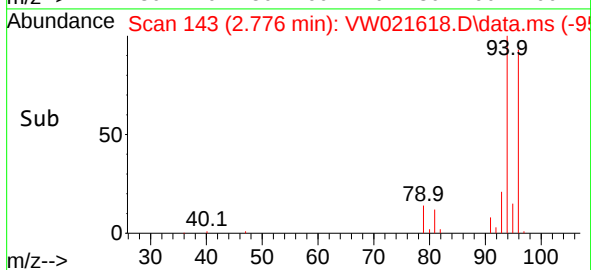
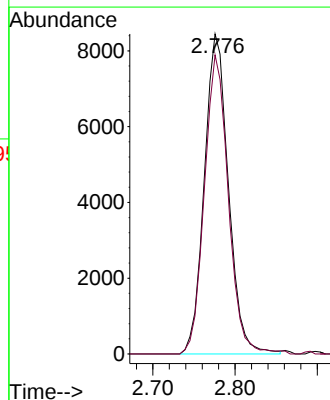
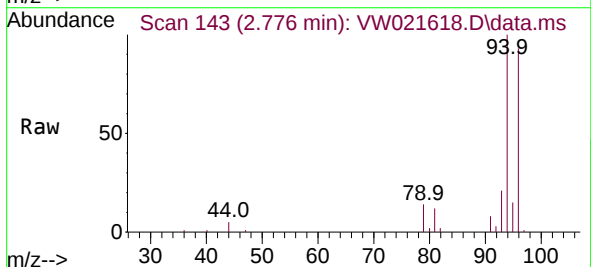
Instrument :
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 ClientSampleId :

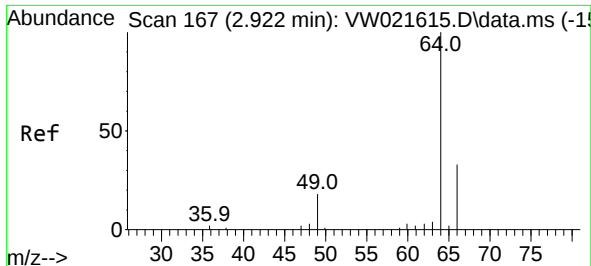
Tgt Ion: 62 Resp: 28457
 Ion Ratio Lower Upper
 62 100
 64 37.5 24.4 45.2



#6
 Bromomethane
 Concen: 18.167 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021618.D
 Acq: 23 Dec 2021 17:53

Tgt Ion: 94 Resp: 17208
 Ion Ratio Lower Upper
 94 100
 96 93.5 64.8 120.4

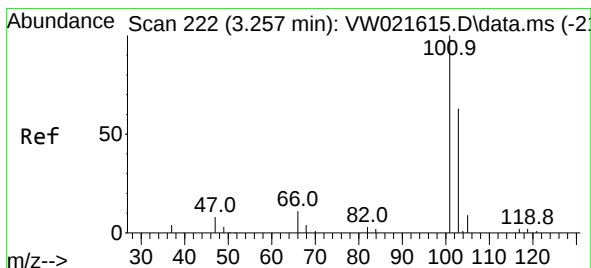
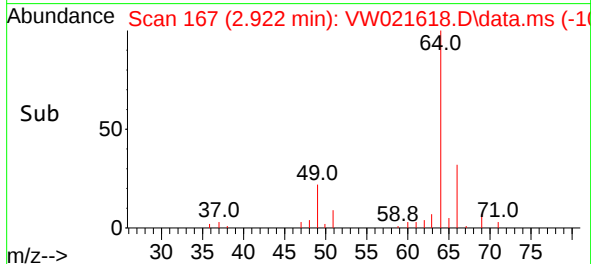
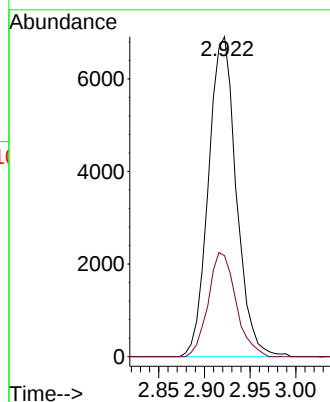
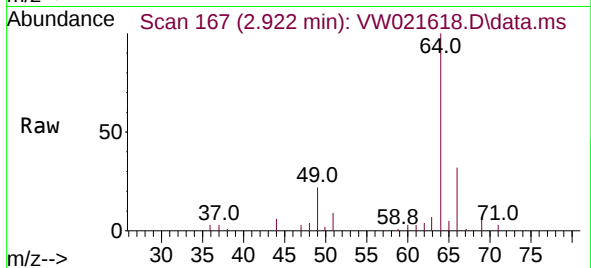




#8
Chloroethane
Concen: 21.750 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

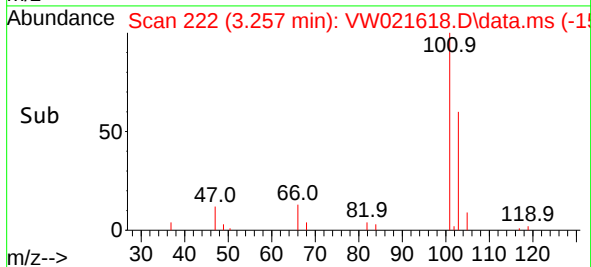
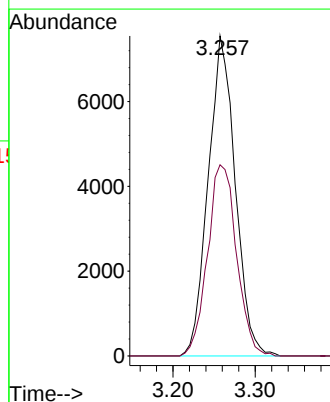
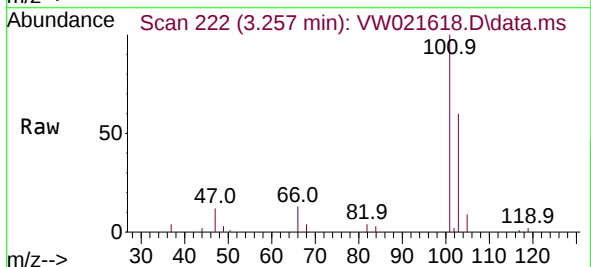
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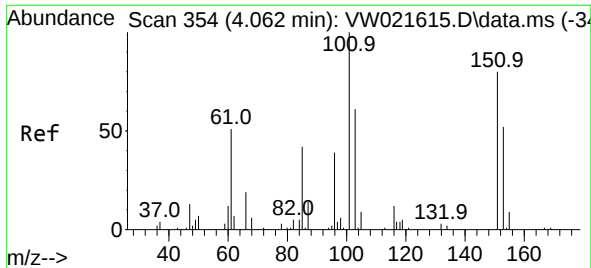
Tgt Ion: 64 Resp: 14633
Ion Ratio Lower Upper
64 100
66 31.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.417 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Tgt Ion:101 Resp: 17273
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

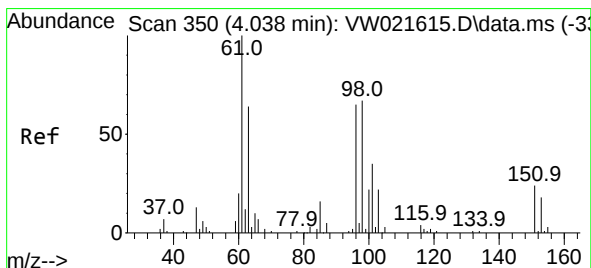
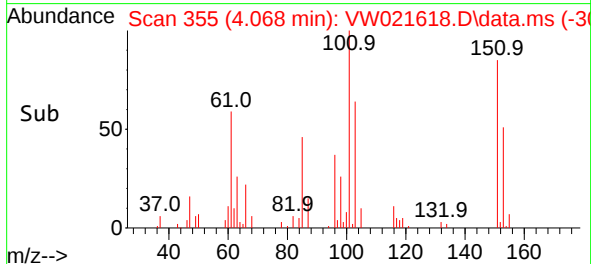
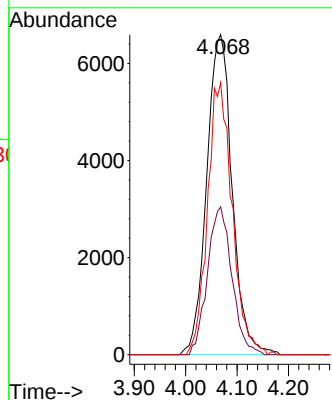
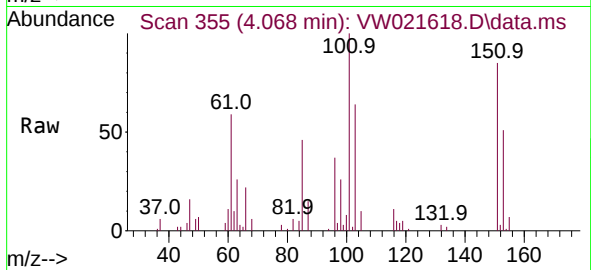




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.708 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW021618.D
 Acq: 23 Dec 2021 17:53

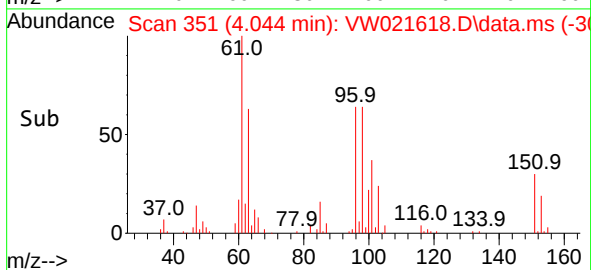
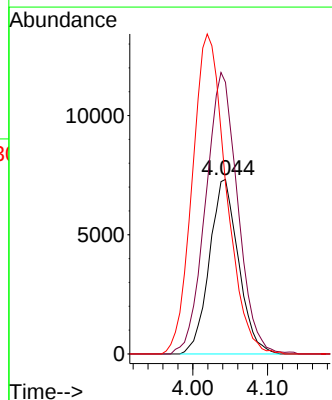
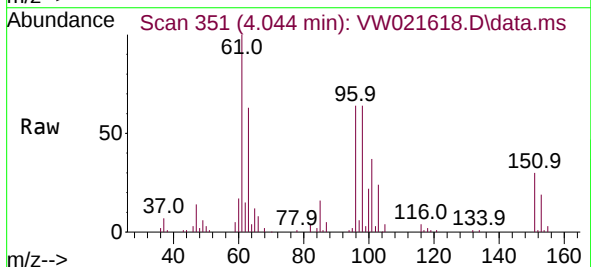
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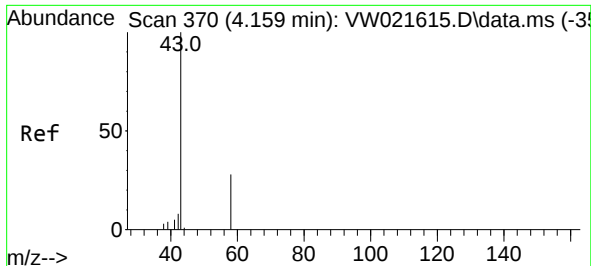
Tgt Ion:101 Resp: 22803
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 54.8
 151 81.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.981 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021618.D
 Acq: 23 Dec 2021 17:53

Tgt Ion: 96 Resp: 19815
 Ion Ratio Lower Upper
 96 100
 61 155.7 138.3 256.9
 63 97.8 82.6 153.4





#13

Acetone

Concen: 98.971 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.030 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

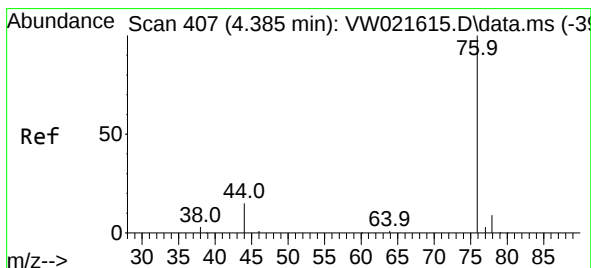
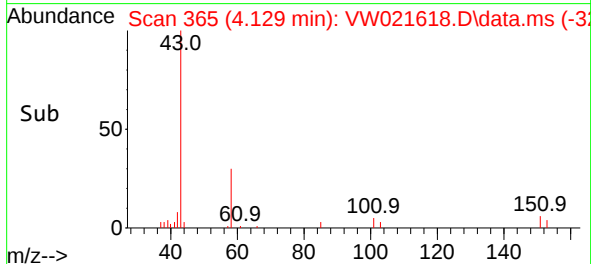
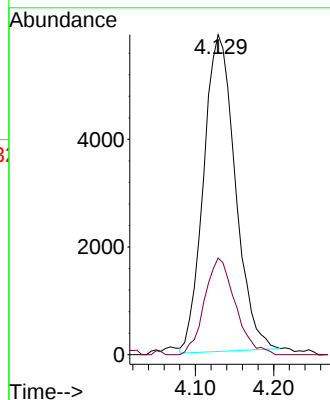
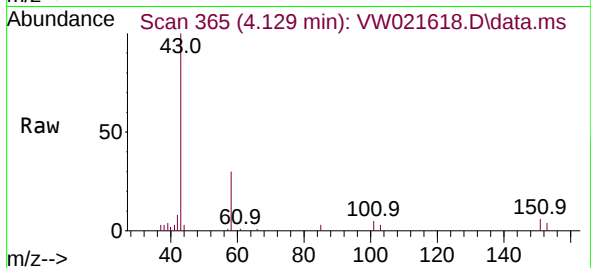
ClientSampleId :

Tgt Ion: 43 Resp: 16565

Ion Ratio Lower Upper

43 100

58 29.6 0.0 52.8



#14

Carbon disulfide

Concen: 17.706 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021618.D

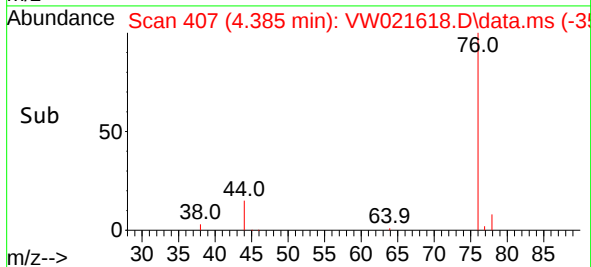
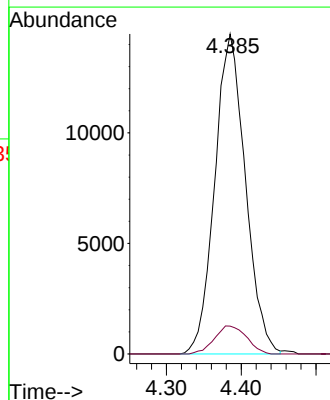
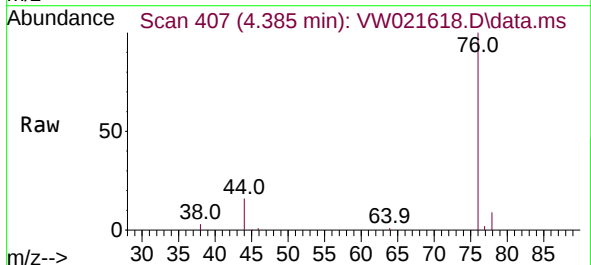
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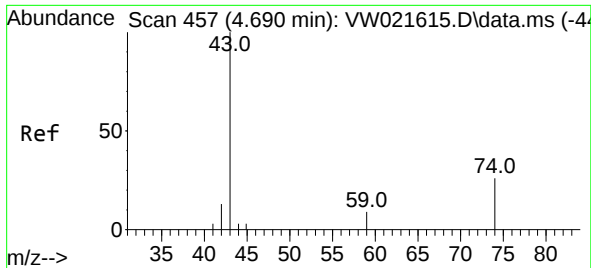
Tgt Ion: 76 Resp: 41218

Ion Ratio Lower Upper

76 100

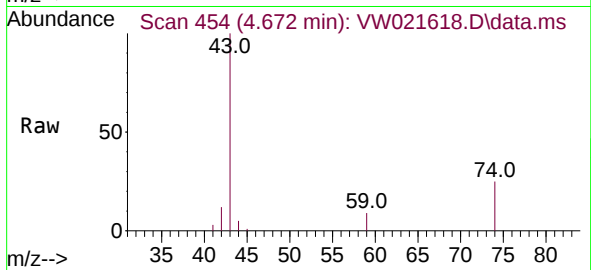
78 8.7 7.1 10.7



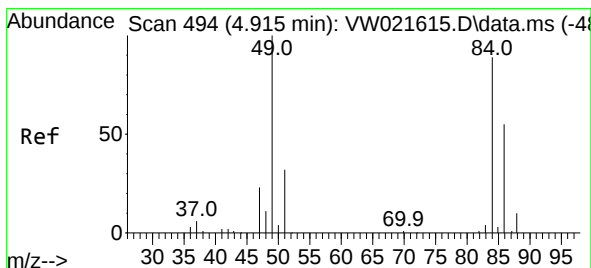
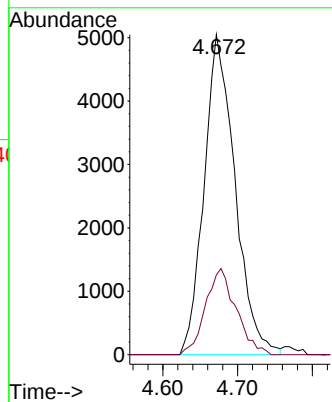
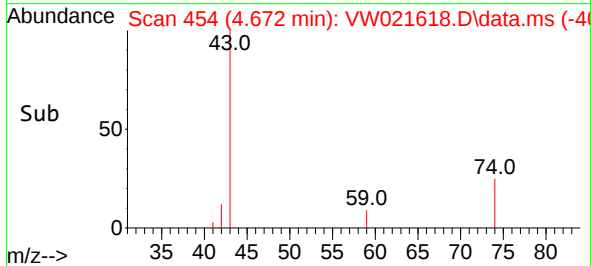


#15
Methyl Acetate
Concen: 50.199 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.018 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Instrument :
MSVOA_W
ClientSampleId :

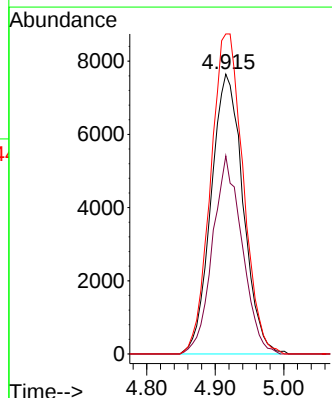
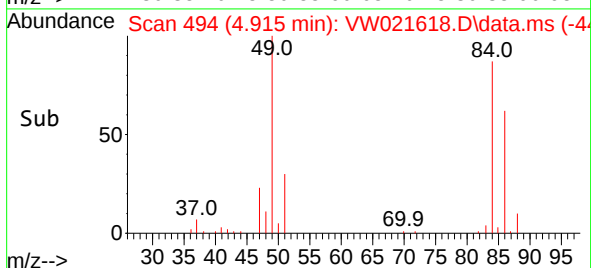
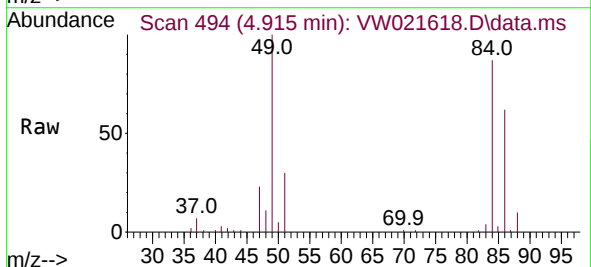


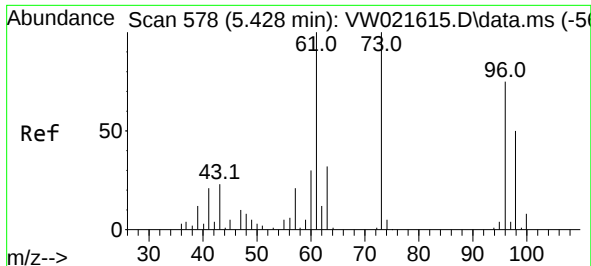
Tgt Ion: 43 Resp: 14497
Ion Ratio Lower Upper
43 100
74 26.6 16.4 24.6#



#16
Methylene chloride
Concen: 20.615 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Tgt Ion: 84 Resp: 24772
Ion Ratio Lower Upper
84 100
86 70.8 45.5 84.5
49 114.3 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 22.146 ug/L

RT: 5.434 min Scan# 5

Delta R.T. 0.006 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :

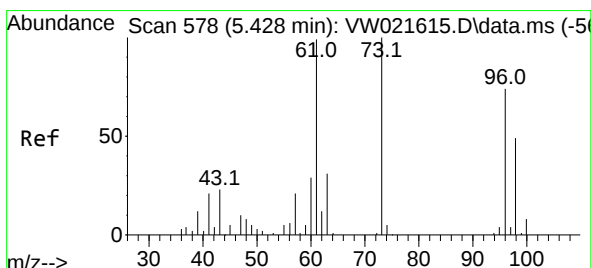
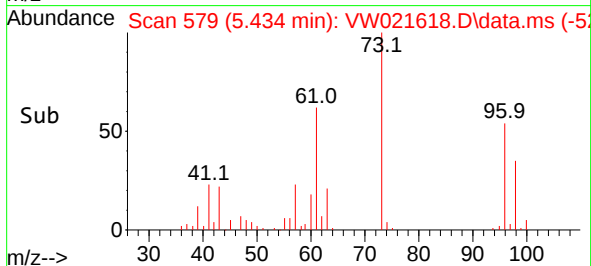
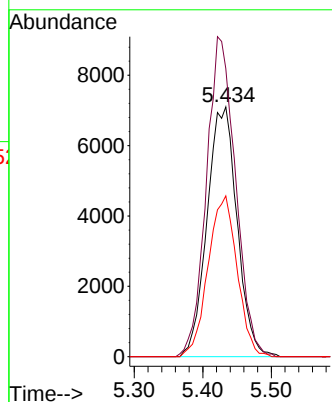
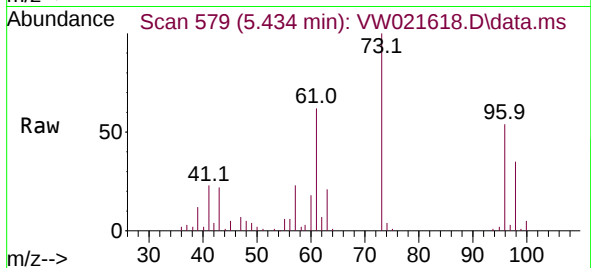
Tgt Ion: 96 Resp: 21615

Ion Ratio Lower Upper

96 100

61 115.4 107.4 199.4

98 64.4 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 35.519 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

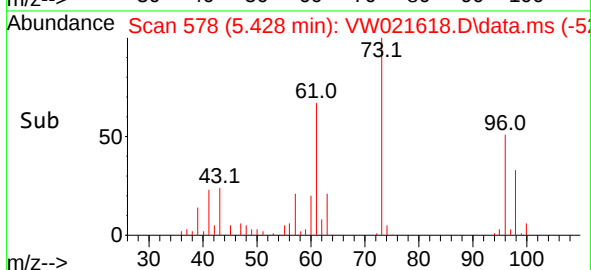
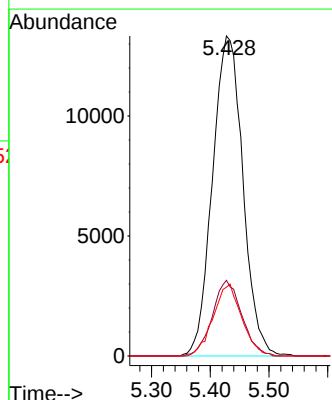
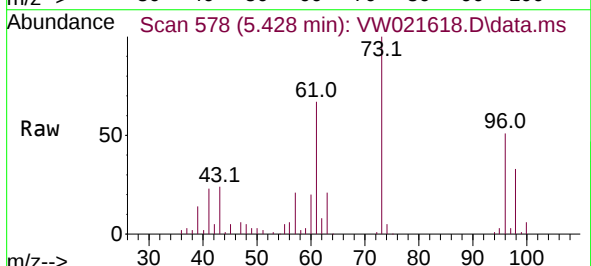
Tgt Ion: 73 Resp: 47880

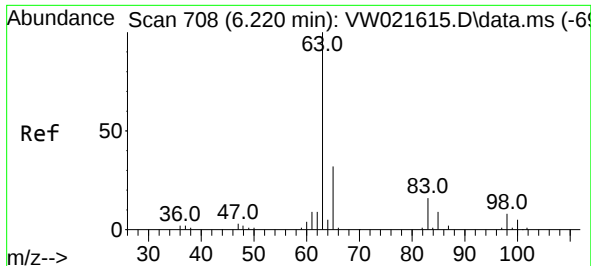
Ion Ratio Lower Upper

73 100

43 22.8 19.5 29.3

57 21.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.814 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021618.D

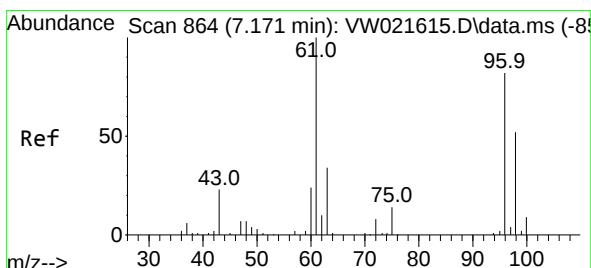
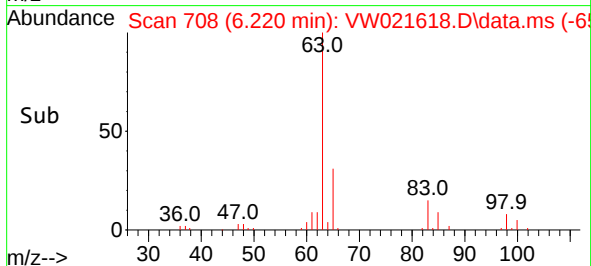
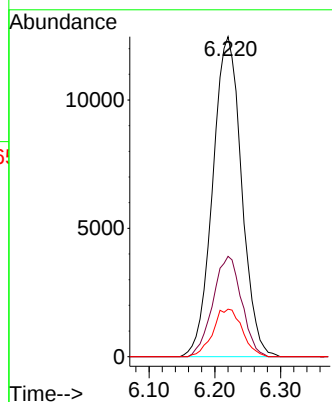
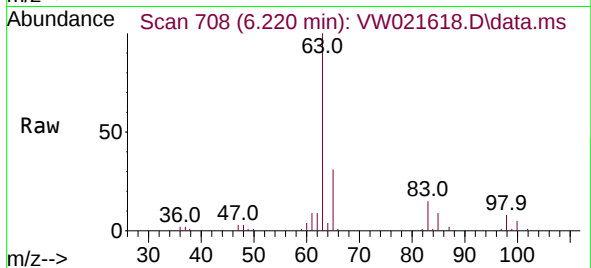
Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 38005
Ion Ratio	Lower Upper
63 100	
65 31.4	22.1 41.1
83 14.9	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.424 ug/L

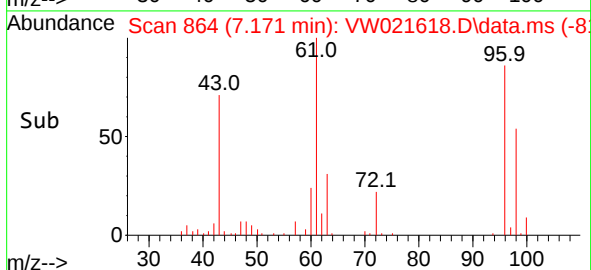
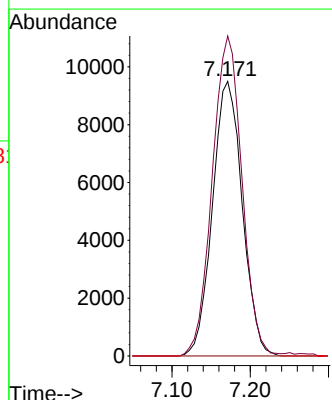
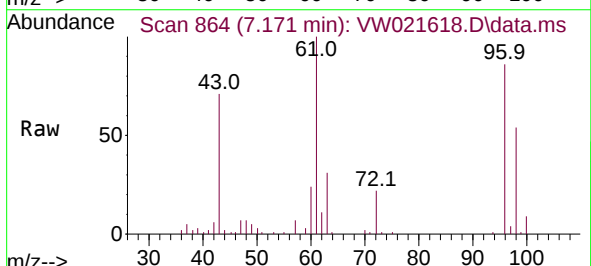
RT: 7.171 min Scan# 864

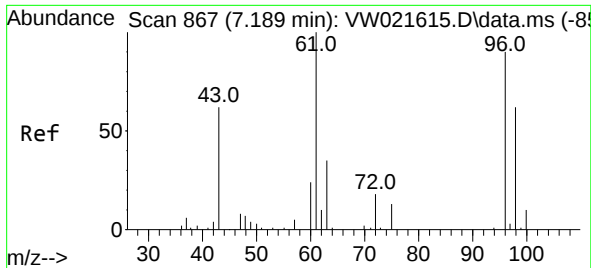
Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Tgt Ion: 96	Resp: 25144
Ion Ratio	Lower Upper
96 100	
61 116.5	103.7 192.7
68 0.0	0.0 0.0

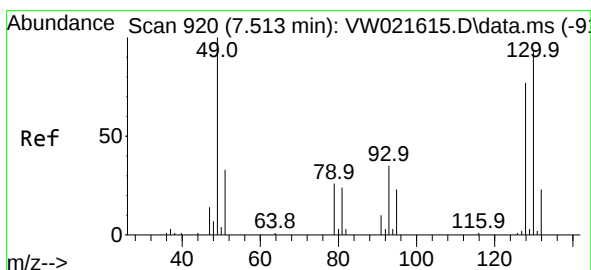
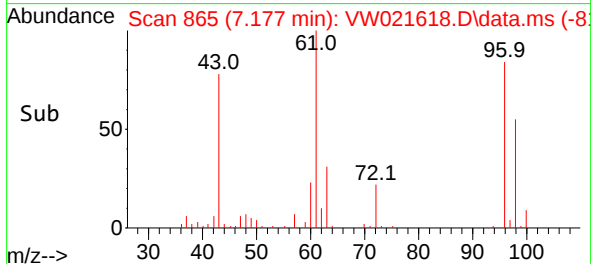
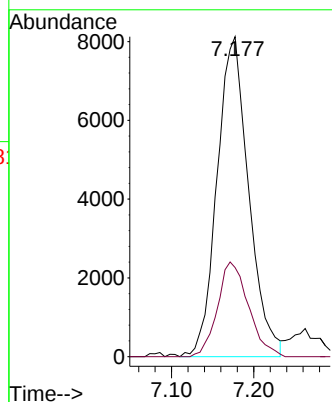
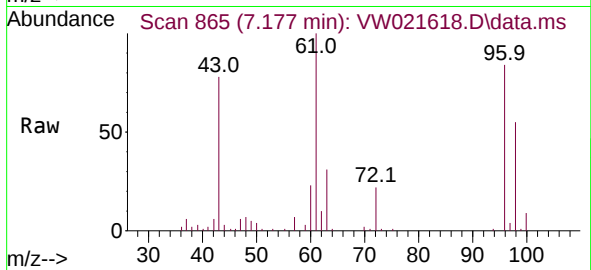




#22
2-Butanone
Concen: 99.498 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.012 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

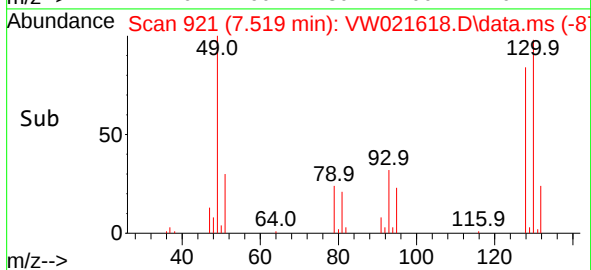
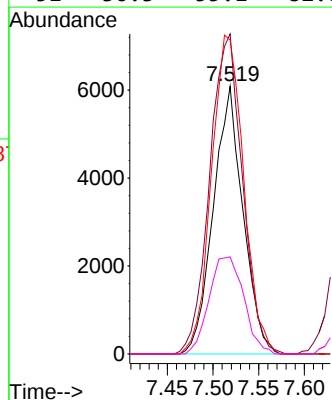
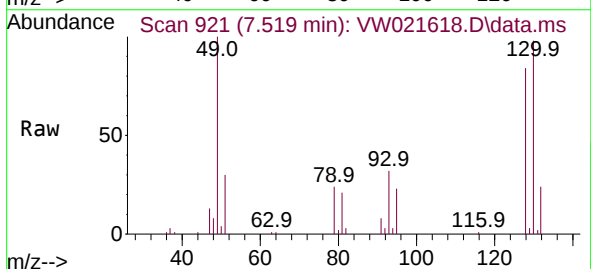
Instrument :
MSVOA_W
ClientSampleId :

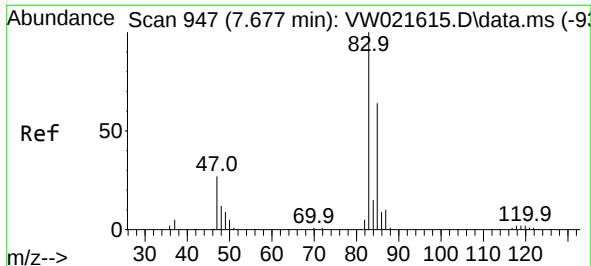
Tgt Ion: 43 Resp: 21748
Ion Ratio Lower Upper
43 100
72 29.0 11.8 35.4



#23
Bromochloromethane
Concen: 28.523 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Tgt Ion:128 Resp: 13730
Ion Ratio Lower Upper
128 100
49 119.5 150.3 279.1#
130 117.3 88.3 163.9
51 36.3 55.1 82.7#

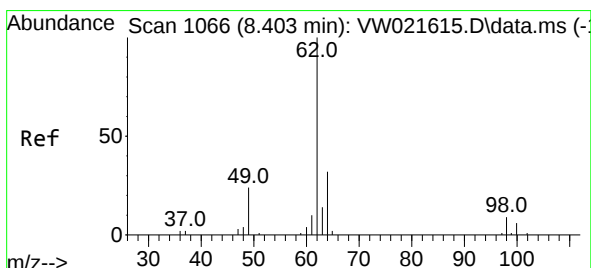
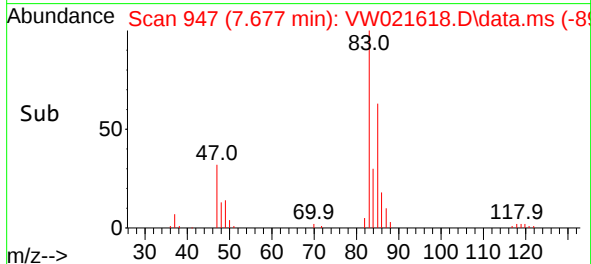
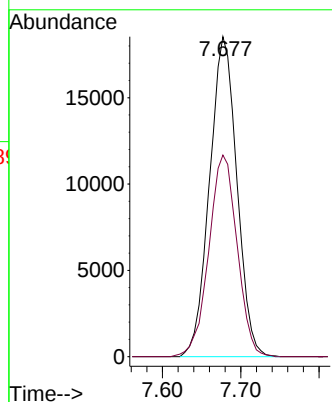
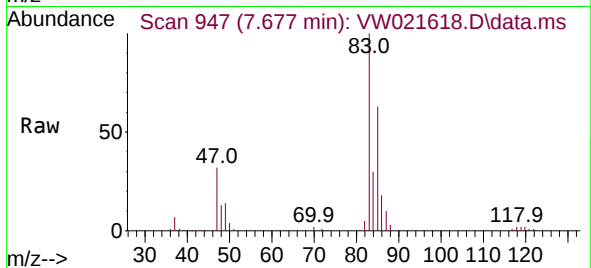




#25
Chloroform
Concen: 25.257 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

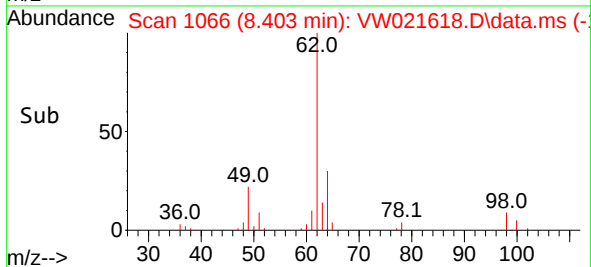
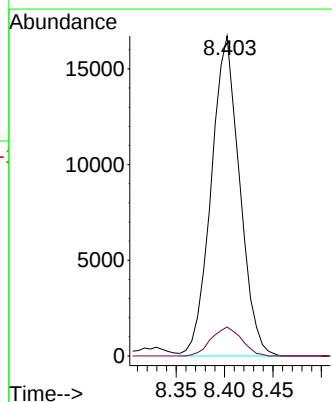
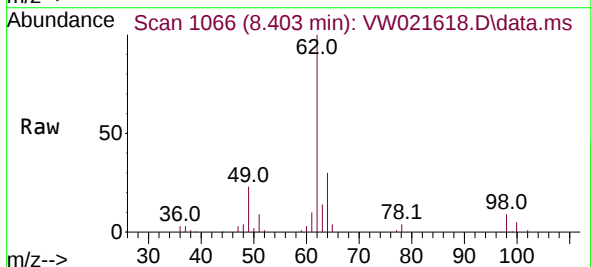
Instrument :
MSVOA_W
ClientSampleId :

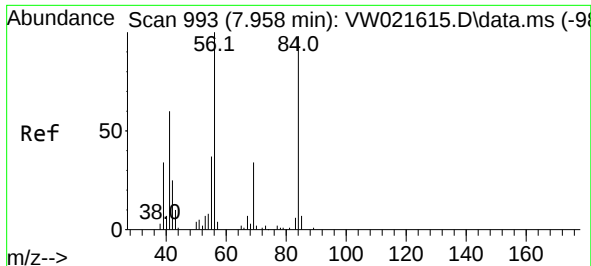
Tgt Ion: 83 Resp: 44906
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 30.375 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

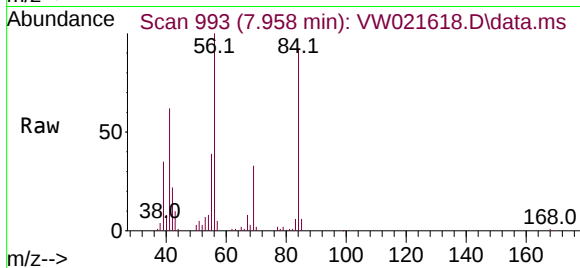
Tgt Ion: 62 Resp: 34200
Ion Ratio Lower Upper
62 100
98 9.1 6.5 9.7



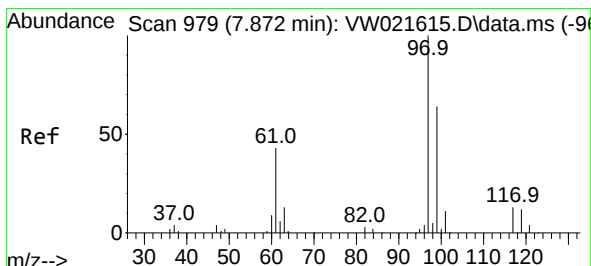
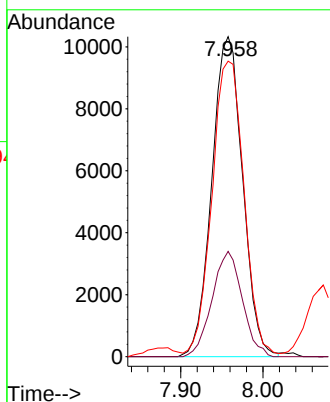
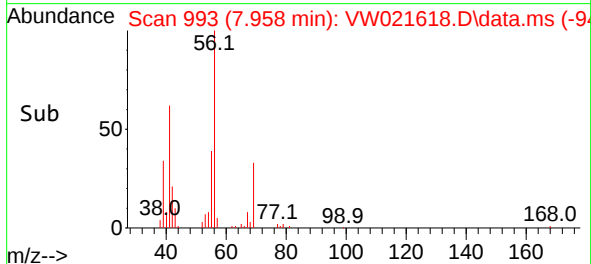


#29
Cyclohexane
Concen: 21.608 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

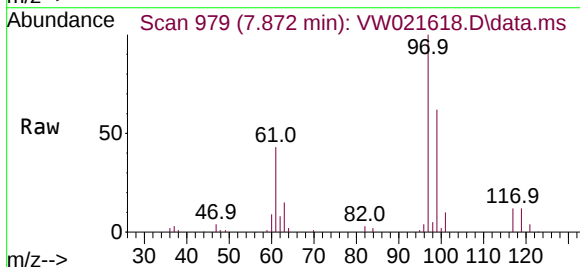
Instrument :
MSVOA_W
ClientSampleId :



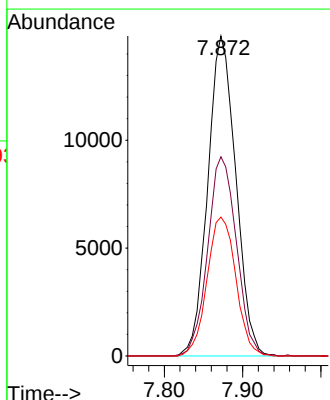
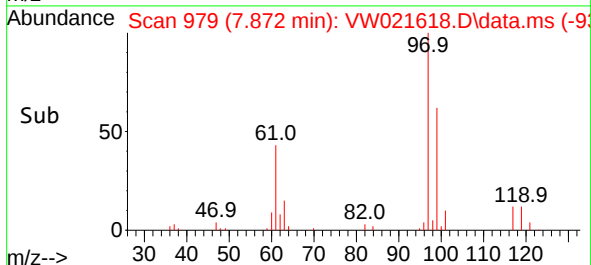
Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.5	35.3
84	96.2	63.4	95.2

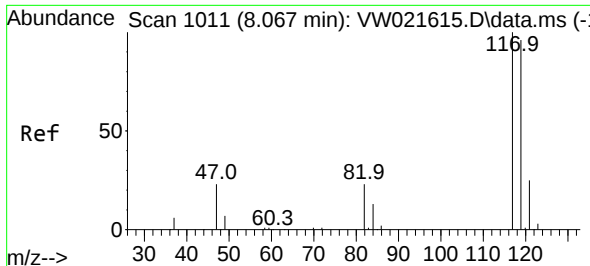


#30
1,1,1-Trichloroethane
Concen: 26.354 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53



Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	44.6	40.9	61.3

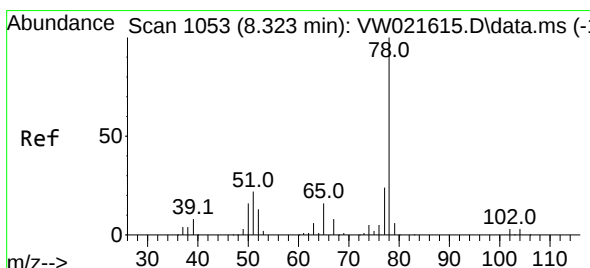
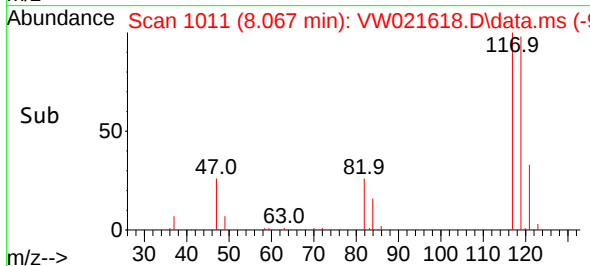
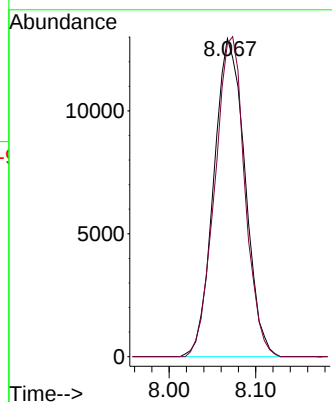
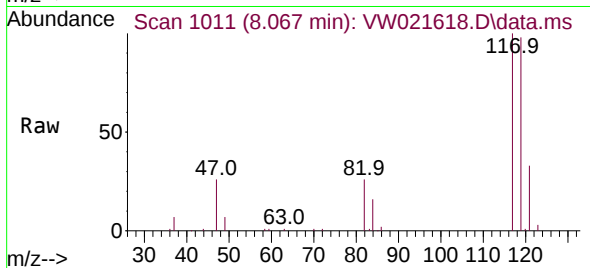




#31
Carbon tetrachloride
Concen: 25.054 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

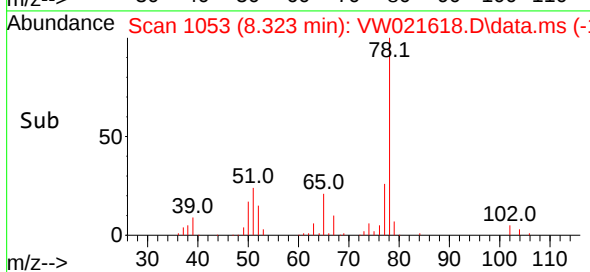
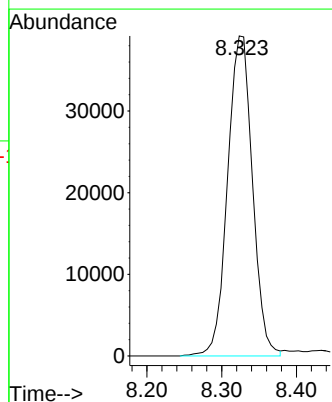
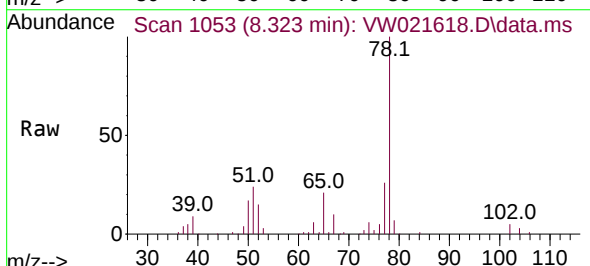
Instrument :
MSVOA_W
ClientSampleId :

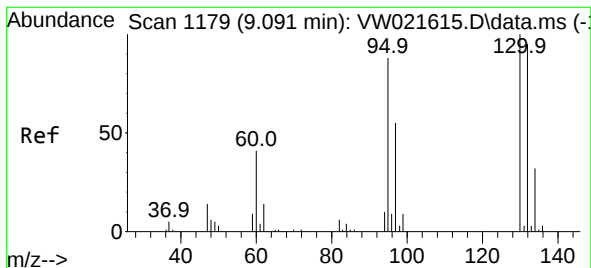
Tgt Ion:117 Resp: 32374
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5



#33
Benzene
Concen: 26.742 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Tgt Ion: 78 Resp: 90946





#34

Trichloroethene

Concen: 28.206 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

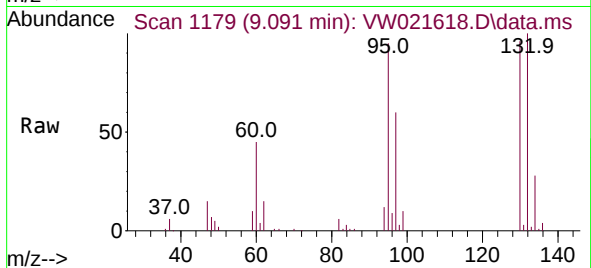
Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 26928

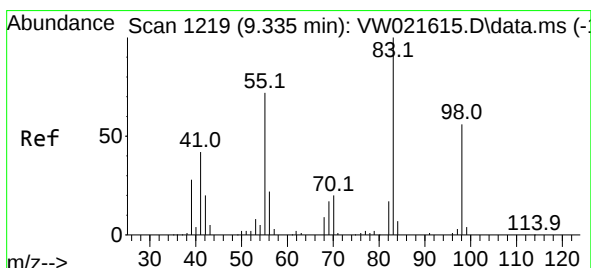
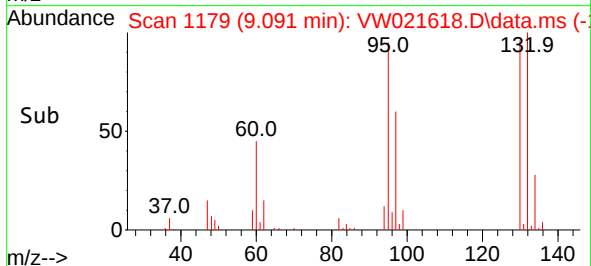
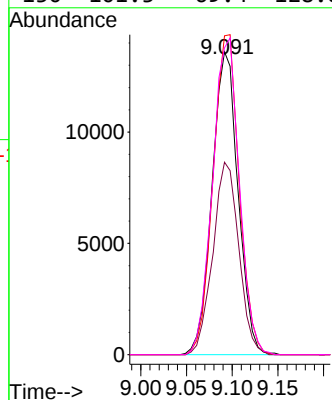
Ion Ratio Lower Upper

95 100

97 63.5 47.0 87.2

132 105.3 65.5 121.6

130 101.3 69.4 128.8



#35

Methylcyclohexane

Concen: 16.790 ug/L

RT: 9.341 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

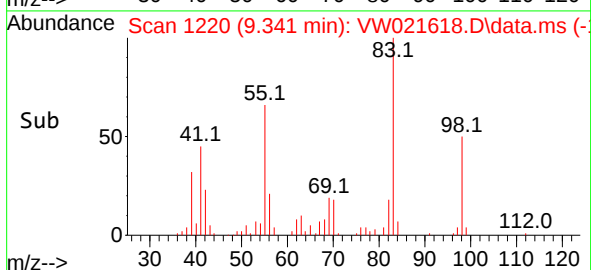
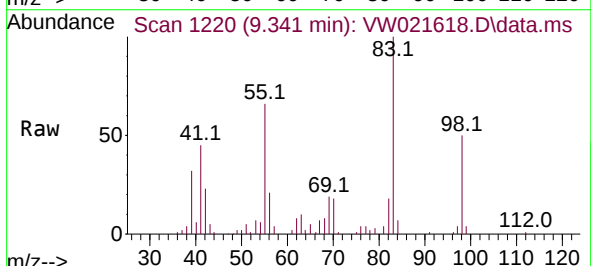
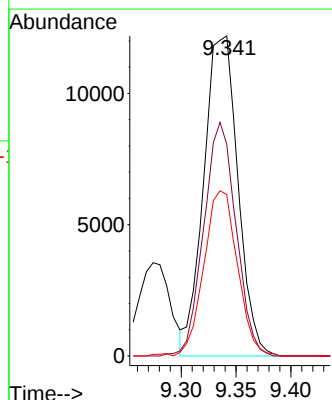
Tgt Ion: 83 Resp: 26441

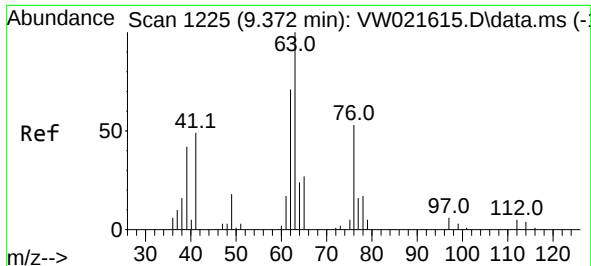
Ion Ratio Lower Upper

83 100

55 68.9 70.8 106.2#

98 50.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 28.448 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

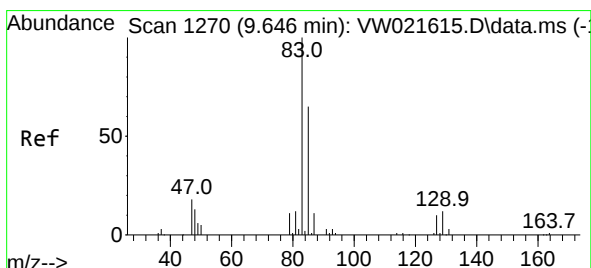
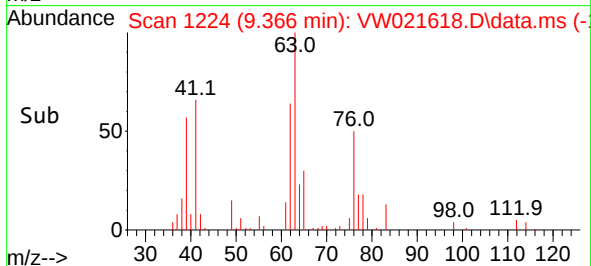
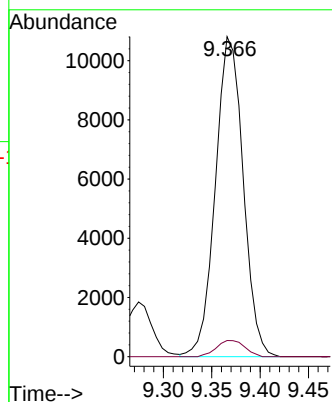
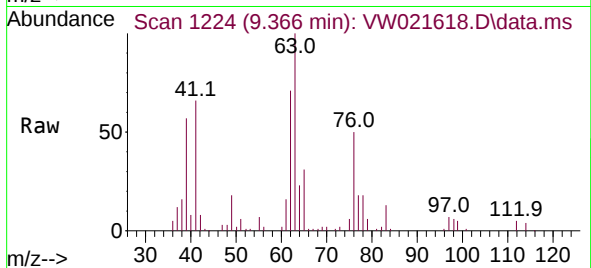
ClientSampleId :

Tgt Ion: 63 Resp: 21580

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 30.333 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

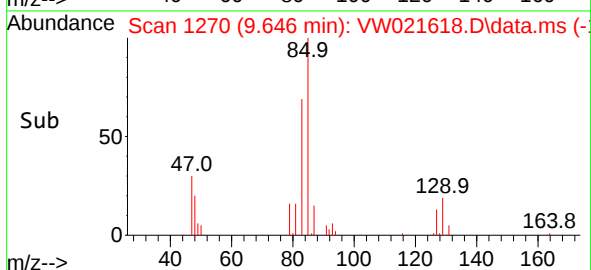
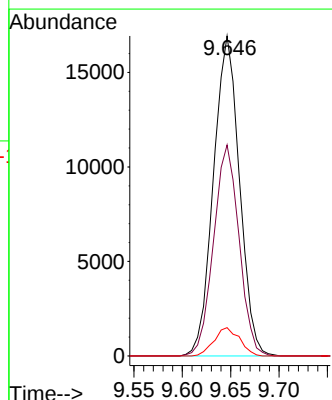
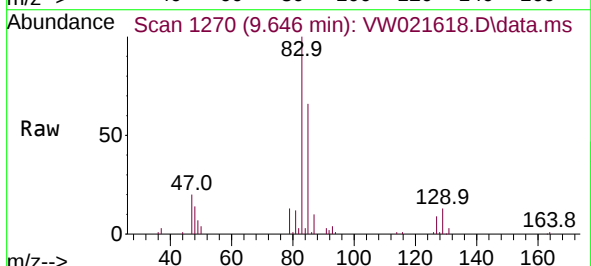
Tgt Ion: 83 Resp: 31638

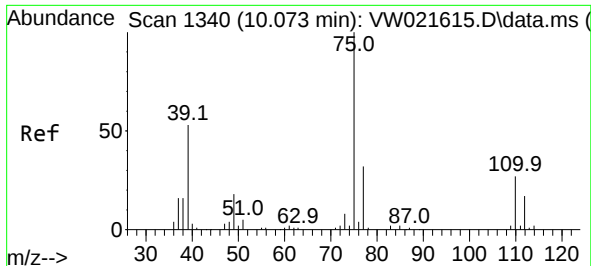
Ion Ratio Lower Upper

83 100

85 66.0 44.1 81.9

127 8.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 29.086 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

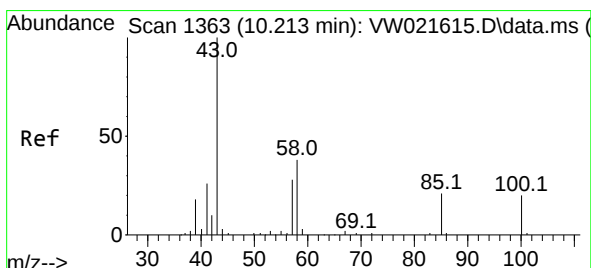
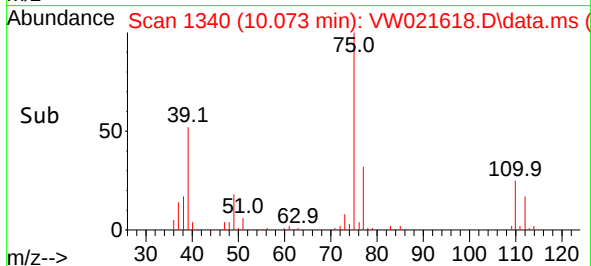
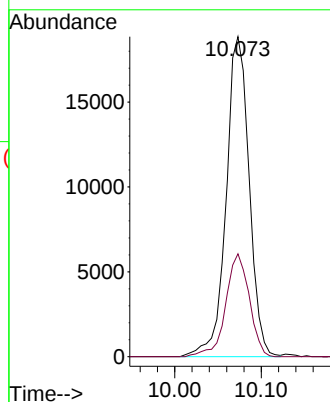
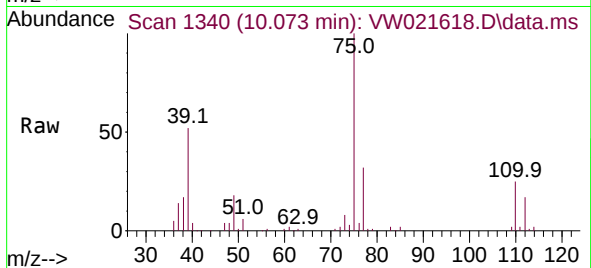
ClientSampleId :

Tgt Ion: 75 Resp: 34781

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 112.883 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

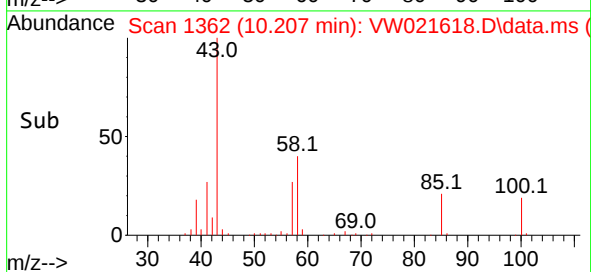
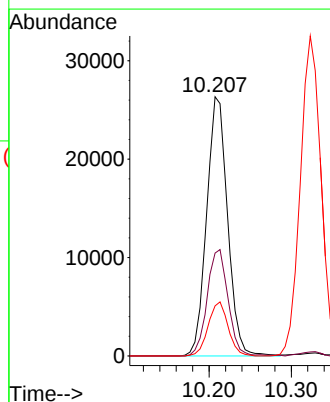
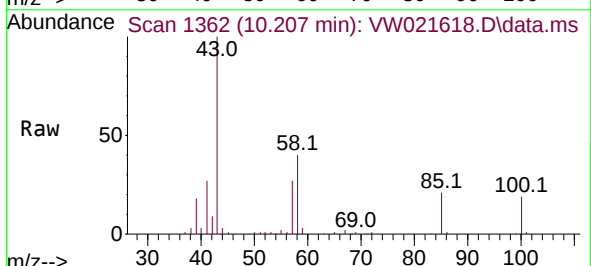
Tgt Ion: 43 Resp: 46659

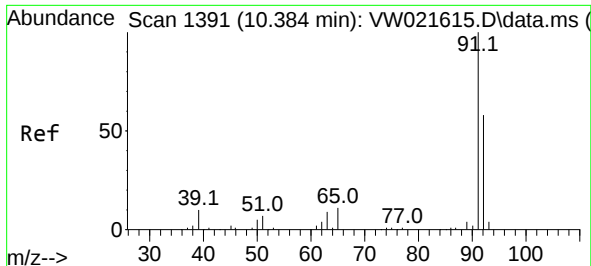
Ion Ratio Lower Upper

43 100

58 40.6 28.8 43.2

100 19.8 10.0 15.0#





#42

Toluene

Concen: 24.853 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

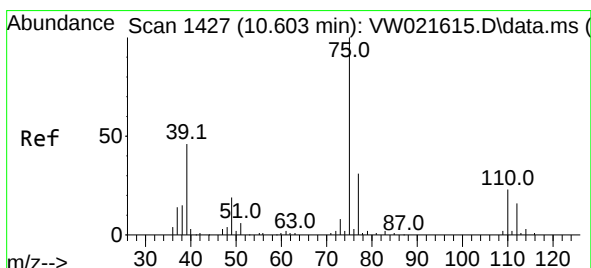
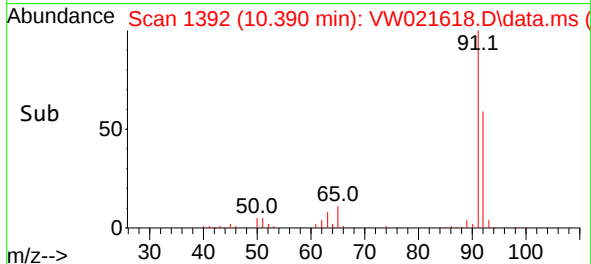
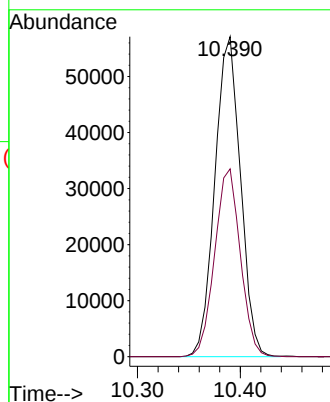
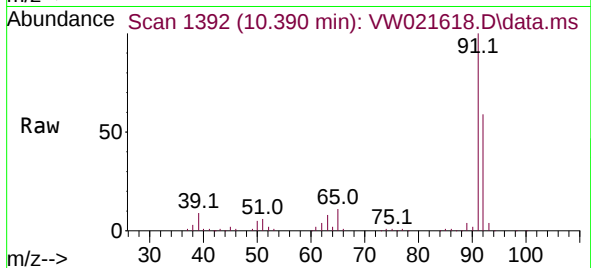
ClientSampleId :

Tgt Ion: 91 Resp: 98852

Ion Ratio Lower Upper

91 100

92 58.7 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 32.060 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021618.D

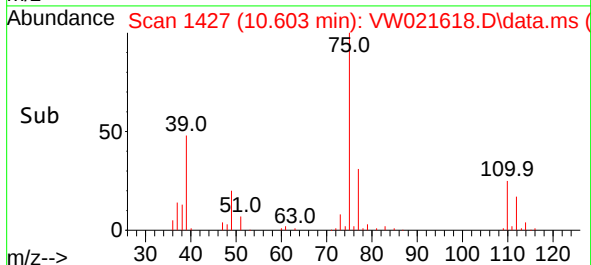
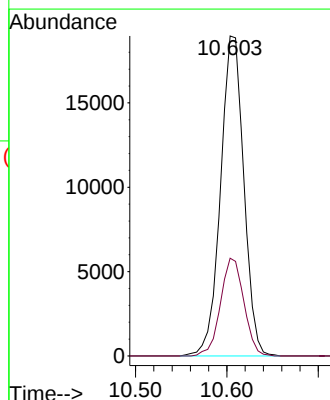
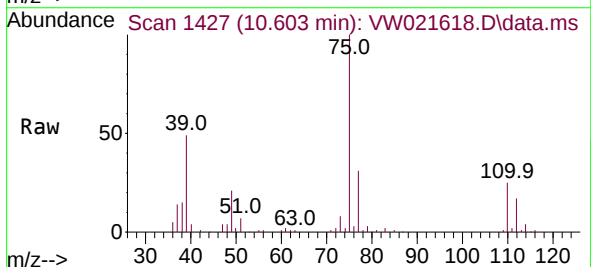
Acq: 23 Dec 2021 17:53

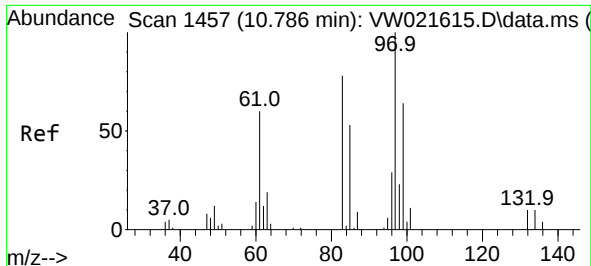
Tgt Ion: 75 Resp: 33579

Ion Ratio Lower Upper

75 100

77 30.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 36.928 ug/L

RT: 10.786 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 22928

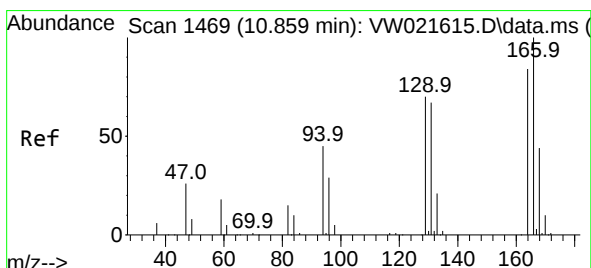
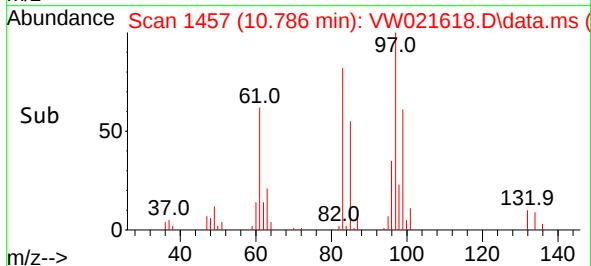
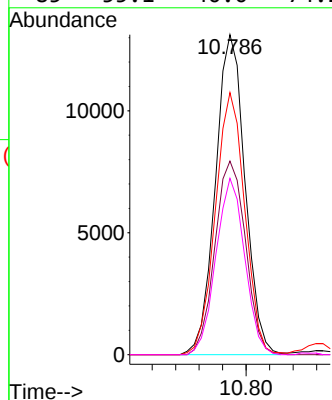
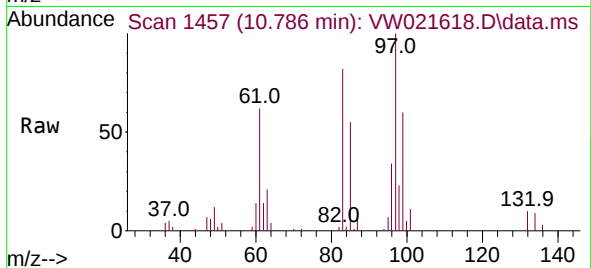
Ion Ratio Lower Upper

97 100

99 60.5 43.0 79.8

83 81.9 62.6 116.3

85 55.1 40.0 74.2



#46

Tetrachloroethene

Concen: 38.325 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Tgt Ion:164 Resp: 34757

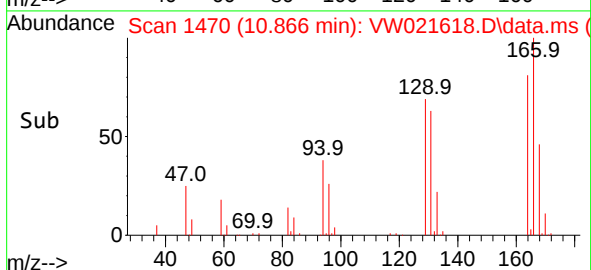
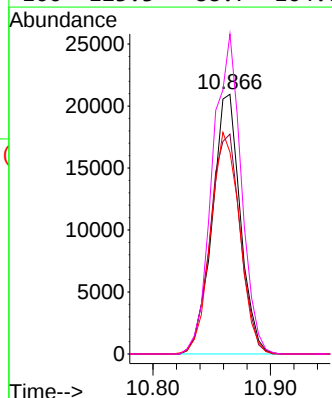
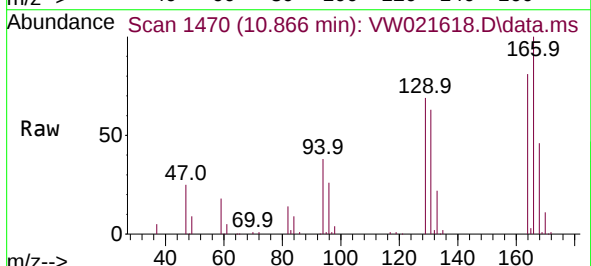
Ion Ratio Lower Upper

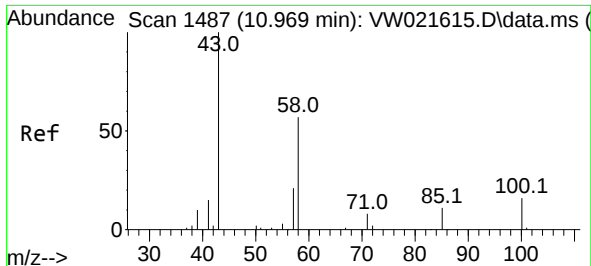
164 100

129 84.7 65.5 121.7

131 77.7 59.7 110.9

166 123.3 88.7 164.7

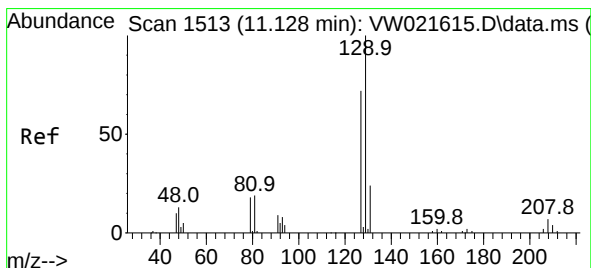
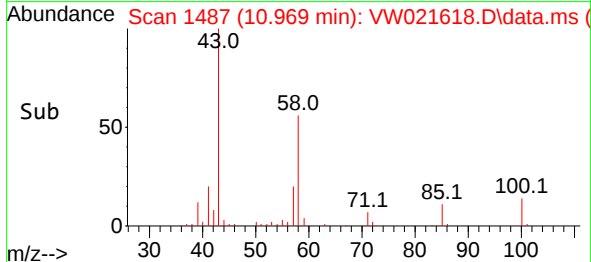
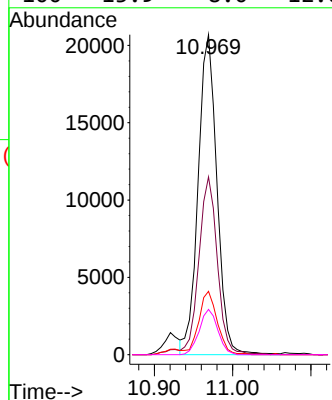
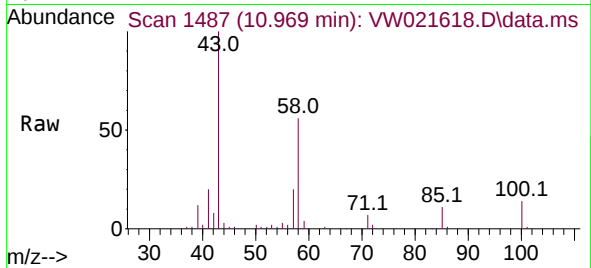




#48
2-Hexanone
Concen: 115.357 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

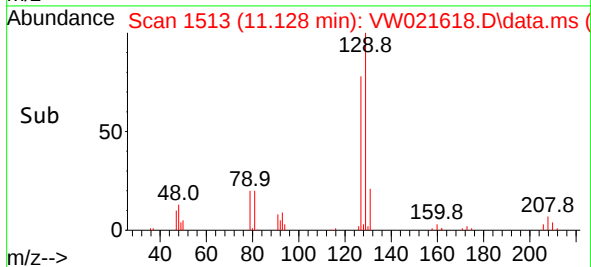
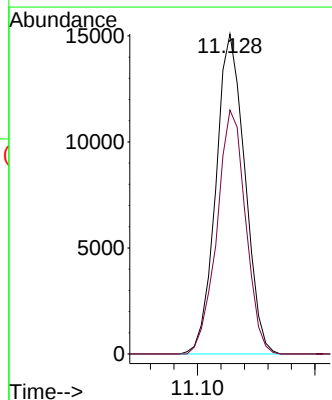
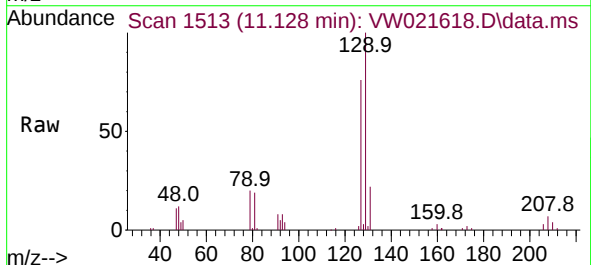
Instrument :
MSVOA_W
ClientSampleId :

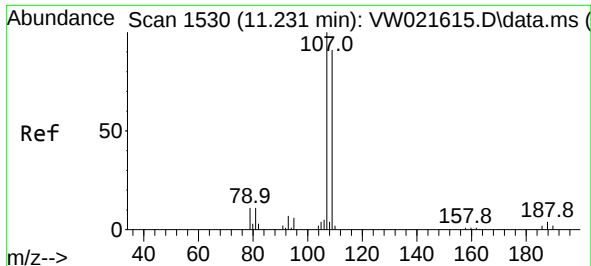
Tgt Ion: 43 Resp: 34578
Ion Ratio Lower Upper
43 100
58 53.6 40.2 60.2
57 18.6 14.3 21.5
100 13.9 8.0 12.0#



#49
Dibromochloromethane
Concen: 33.788 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Tgt Ion:129 Resp: 25862
Ion Ratio Lower Upper
129 100
127 76.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 38.052 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021618.D

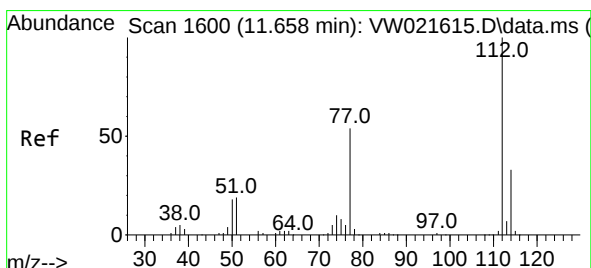
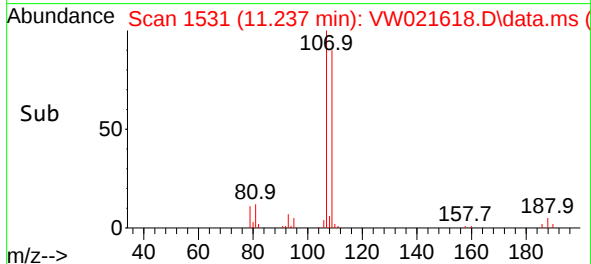
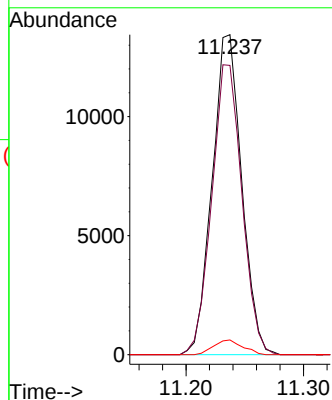
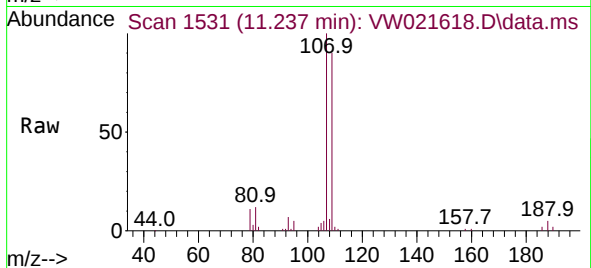
Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	23512
Ion Ratio	Lower	Upper
107	100	
109	90.4	64.1 119.1
188	4.6	2.6 3.8#



#51

Chlorobenzene

Concen: 21.776 ug/L

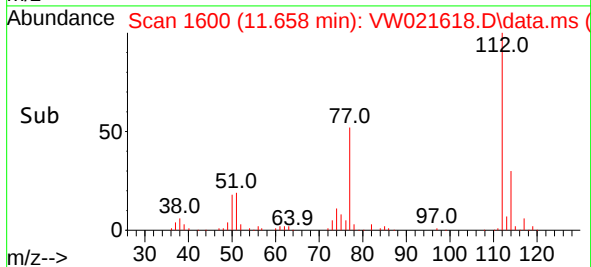
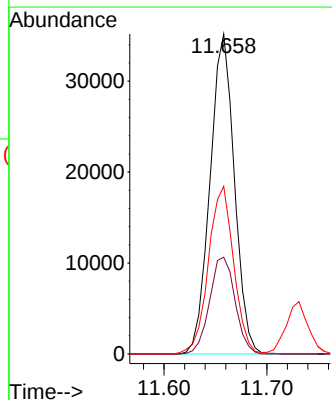
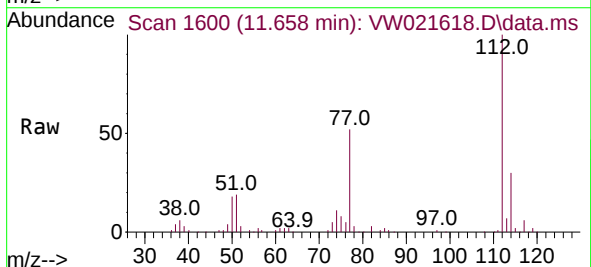
RT: 11.658 min Scan# 1600

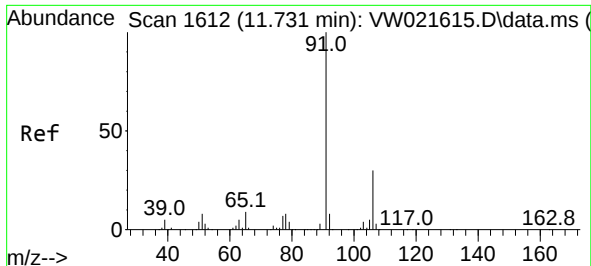
Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Tgt Ion:112	Resp:	57989
Ion Ratio	Lower	Upper
112	100	
114	30.2	22.4 41.6
77	52.4	50.2 75.4

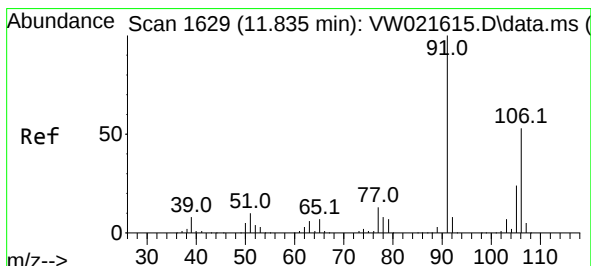
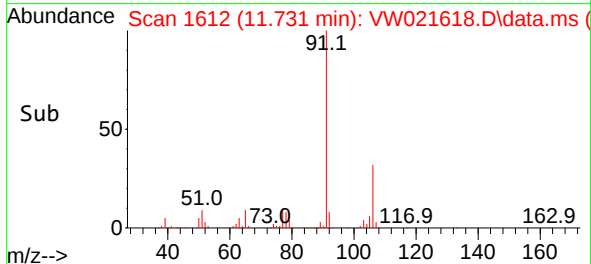
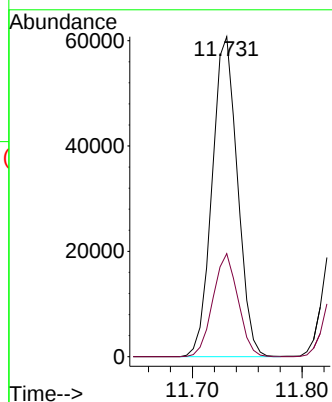
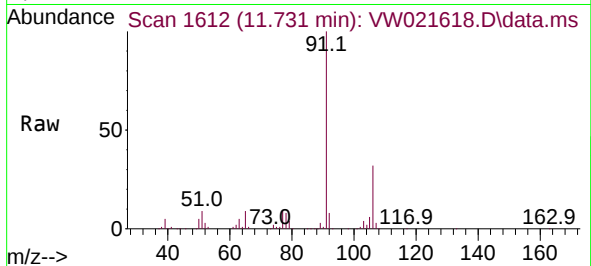




#52
Ethylbenzene
Concen: 21.456 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

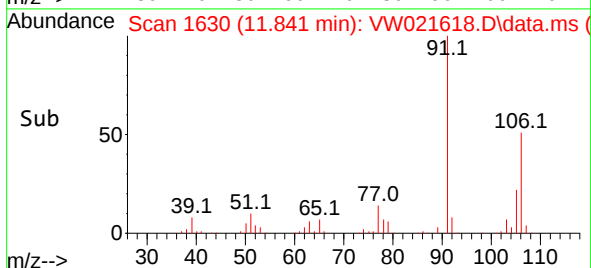
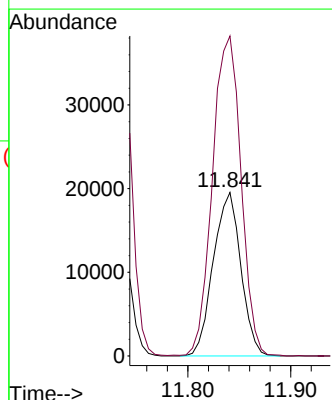
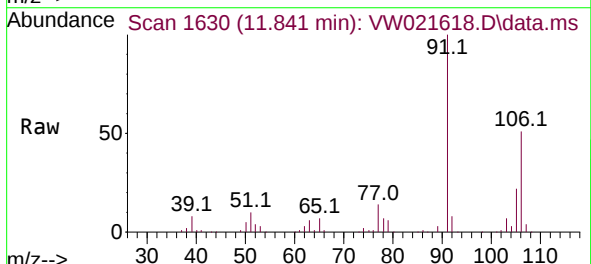
Instrument :
MSVOA_W
ClientSampleId :

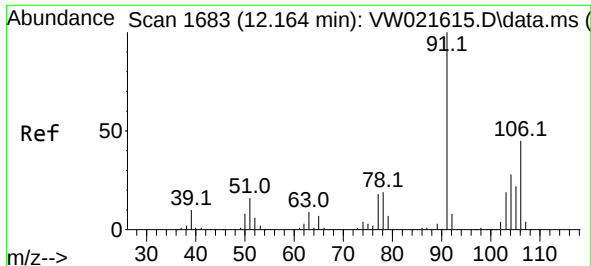
Tgt Ion: 91 Resp: 97526
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9



#53
m,p-Xylene
Concen: 19.830 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Tgt Ion:106 Resp: 36360
Ion Ratio Lower Upper
106 100
91 195.6 149.9 278.3

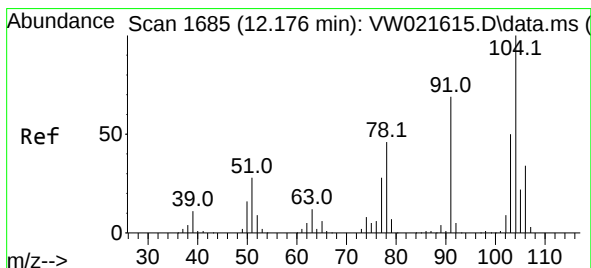
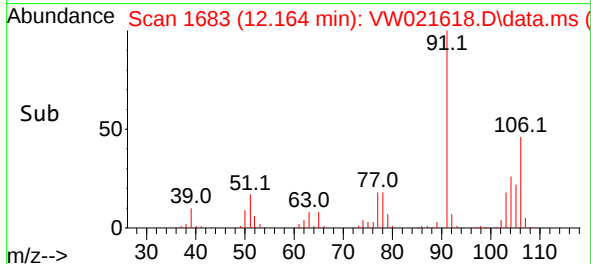
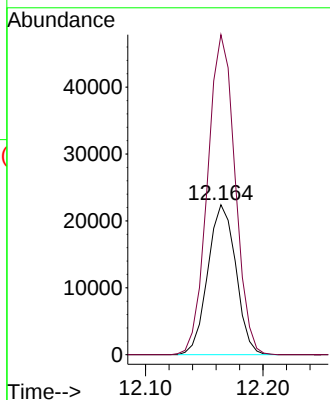
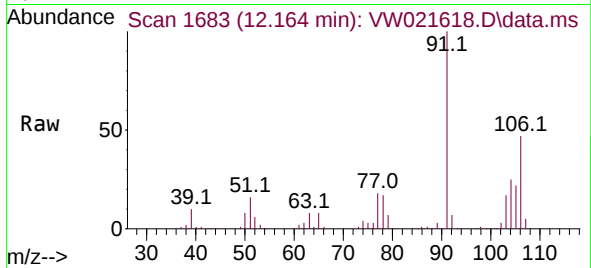




#54
o-Xylene
Concen: 21.362 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

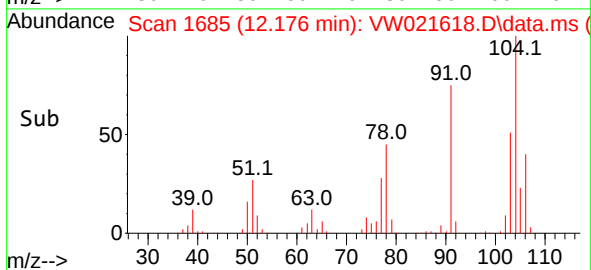
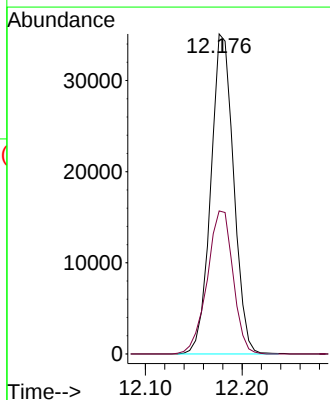
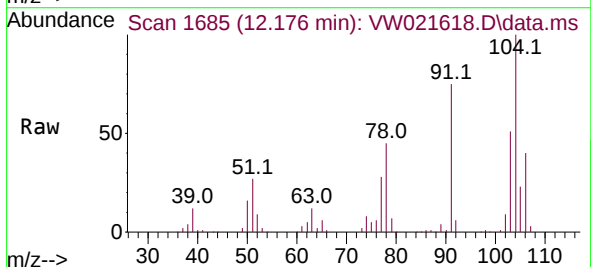
Instrument :
MSVOA_W
ClientSampleId :

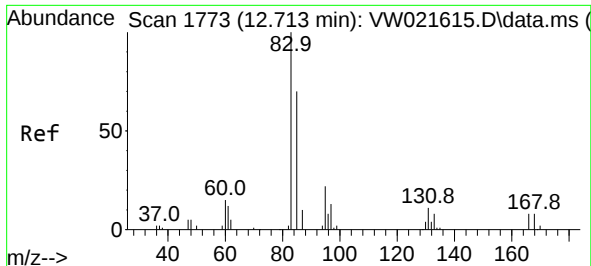
Tgt Ion:106 Resp: 37174
Ion Ratio Lower Upper
106 100
91 213.4 153.6 285.3



#55
Styrene
Concen: 19.446 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Tgt Ion:104 Resp: 57592
Ion Ratio Lower Upper
104 100
78 44.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 41.783 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021618.D

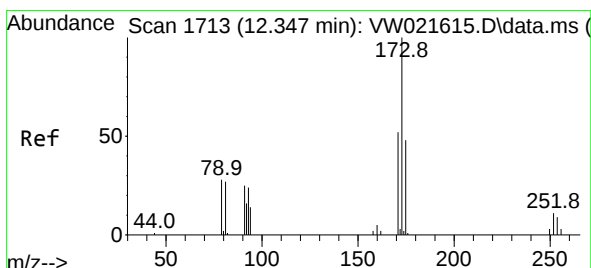
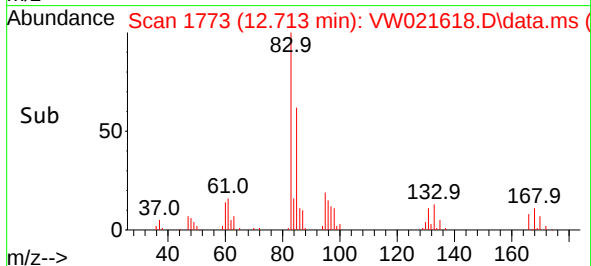
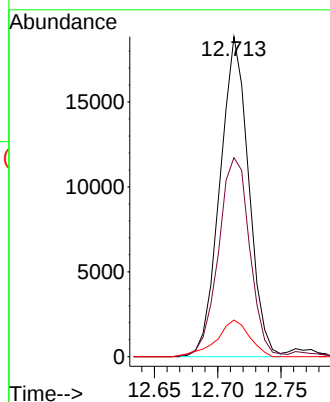
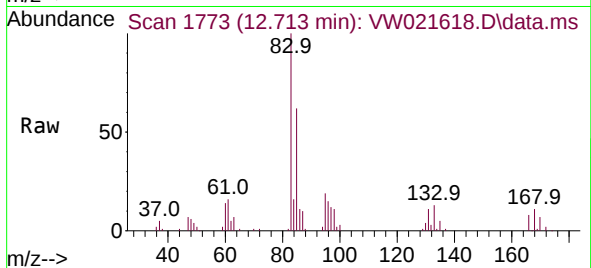
Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	29739
Ion Ratio	Lower	Upper	
83	100		
85	62.2	44.0	81.6
131	11.4	6.9	10.3#



#59

Bromoform

Concen: 48.861 ug/L

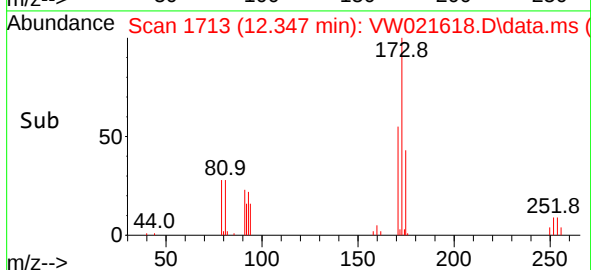
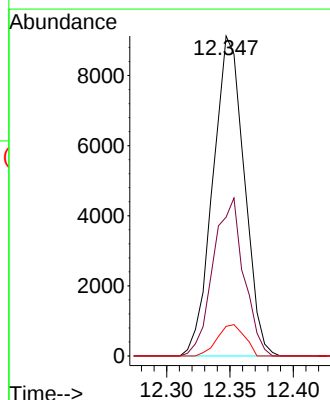
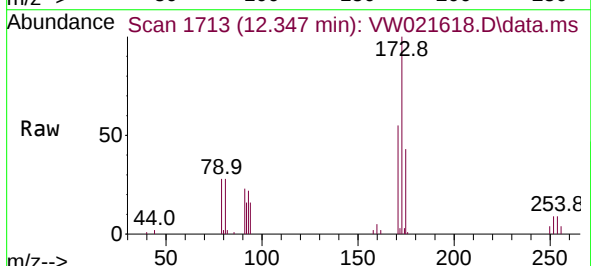
RT: 12.347 min Scan# 1713

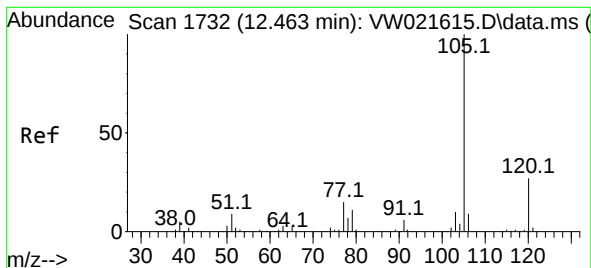
Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Tgt Ion:	173	Resp:	15722
Ion Ratio	Lower	Upper	
173	100		
175	48.2	39.6	59.4
254	8.5	7.4	11.0





#60

Isopropylbenzene

Concen: 25.184 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021618.D

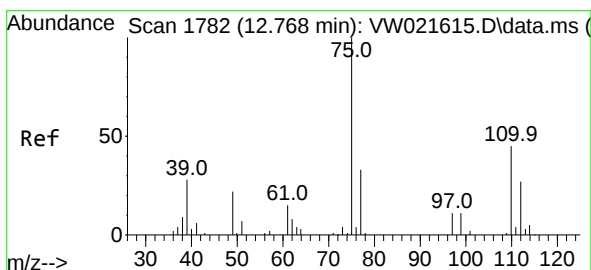
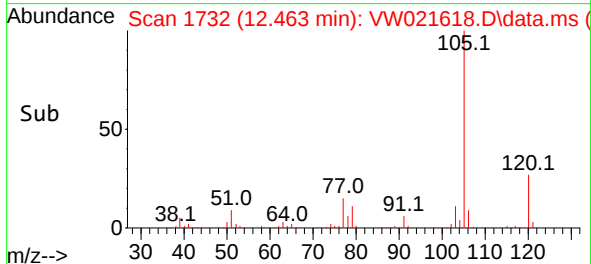
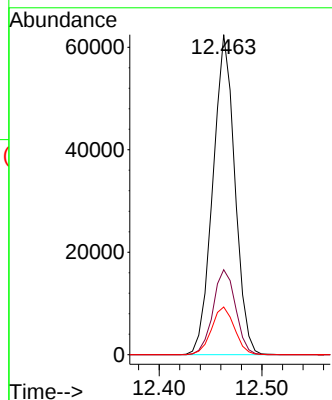
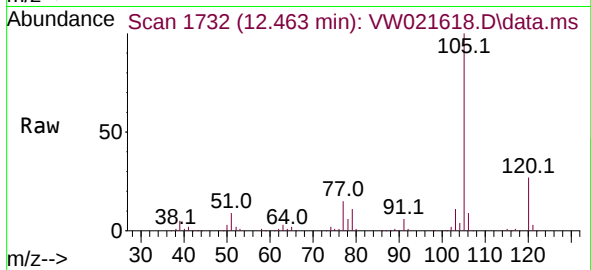
Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	92543
Ion Ratio	Lower	Upper	
105	100		
120	27.3	20.1	30.1
77	15.6	13.8	20.8



#61

1,2,3-Trichloropropane

Concen: 60.191 ug/L

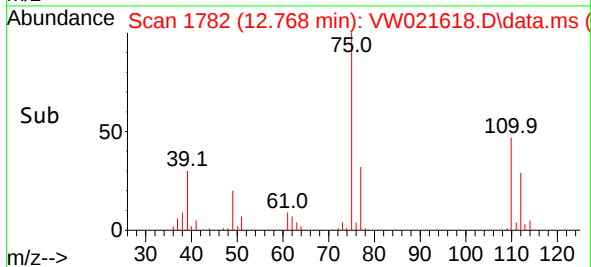
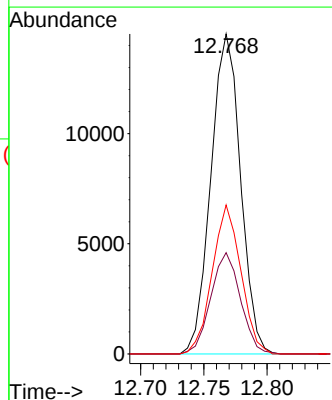
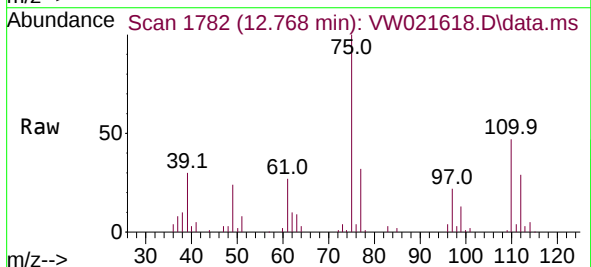
RT: 12.768 min Scan# 1782

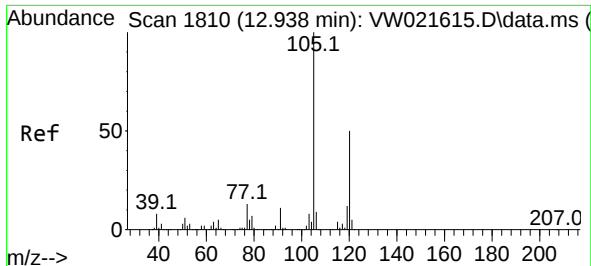
Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Tgt Ion:	75	Resp:	23690
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.8	38.8
110	45.0	29.0	43.4





#62

1,3,5-Trimethylbenzene

Concen: 22.888 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

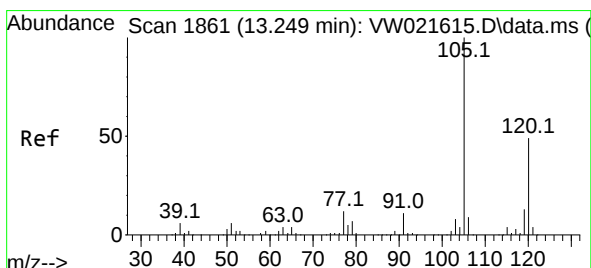
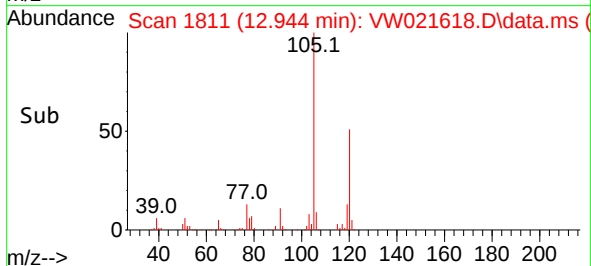
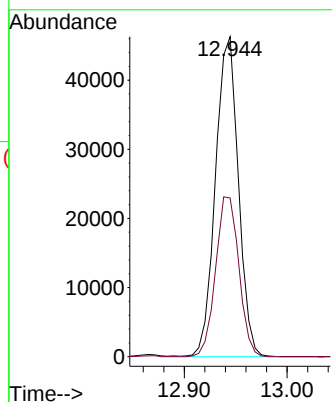
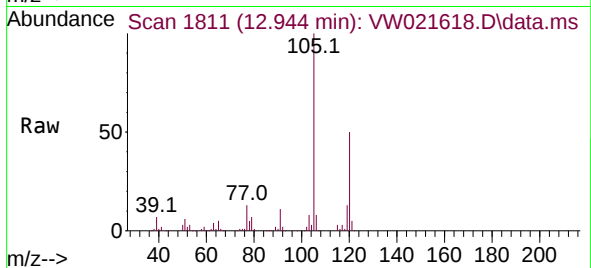
ClientSampleId :

Tgt Ion:105 Resp: 71569

Ion Ratio Lower Upper

105 100

120 50.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.602 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021618.D

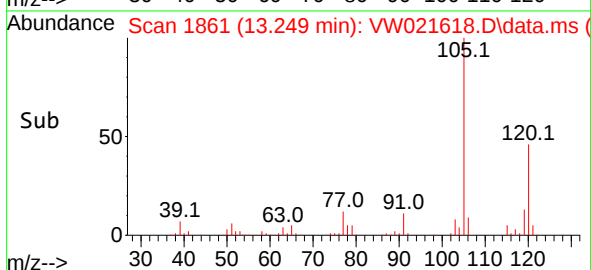
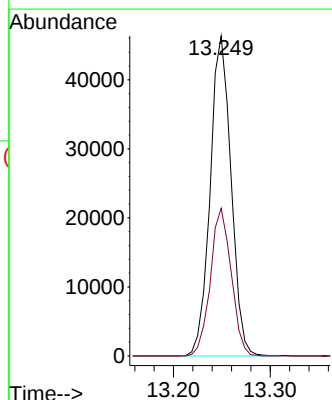
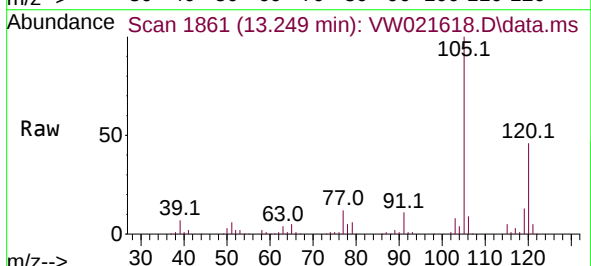
Acq: 23 Dec 2021 17:53

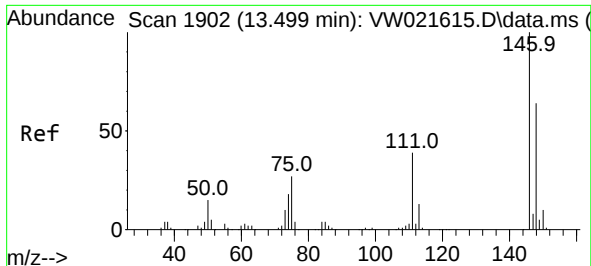
Tgt Ion:105 Resp: 69719

Ion Ratio Lower Upper

105 100

120 45.8 35.0 52.6

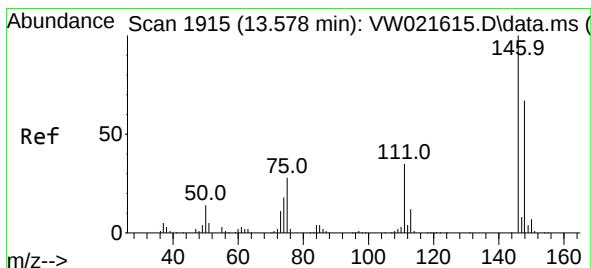
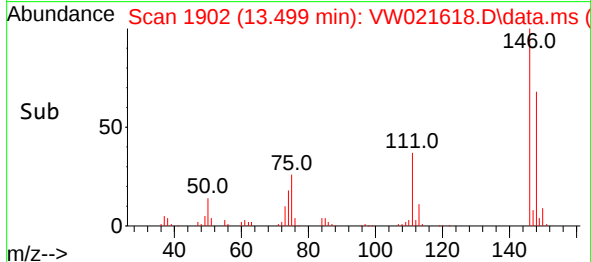
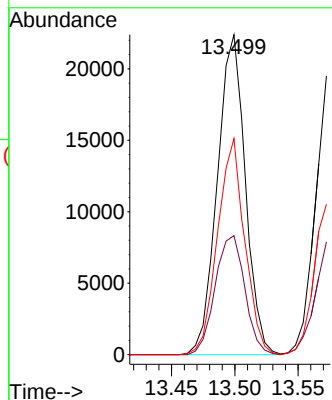
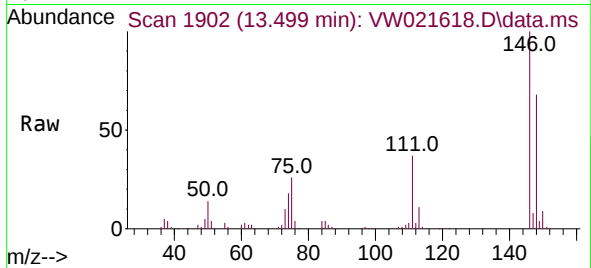




#64
1,3-Dichlorobenzene
Concen: 19.865 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

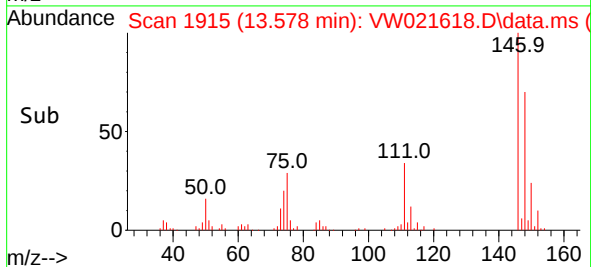
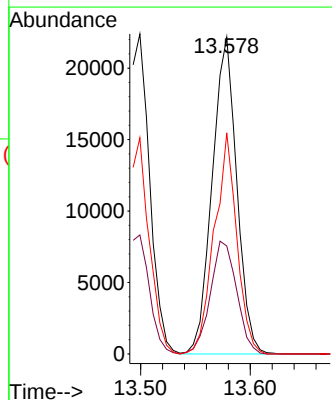
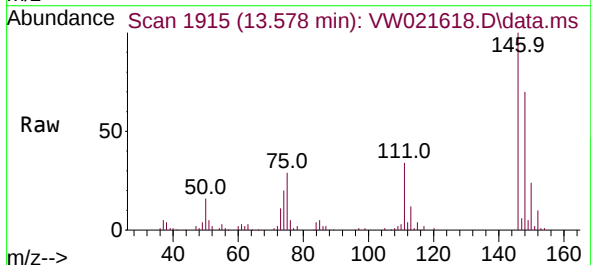
Instrument :
MSVOA_W
ClientSampleId :

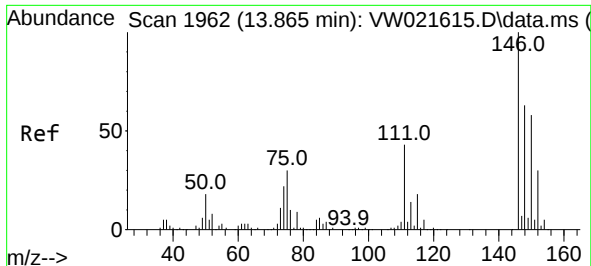
Tgt Ion:146 Resp: 34430
Ion Ratio Lower Upper
146 100
111 37.2 29.8 55.3
148 67.6 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 20.074 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021618.D
Acq: 23 Dec 2021 17:53

Tgt Ion:146 Resp: 34568
Ion Ratio Lower Upper
146 100
111 34.1 29.0 53.9
148 69.8 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.491 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :

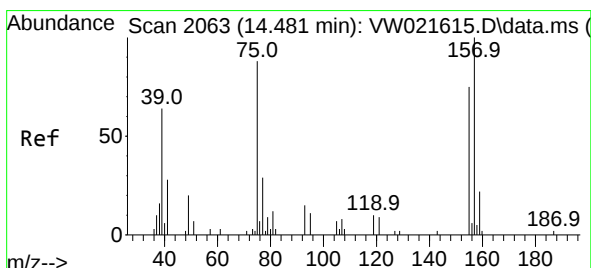
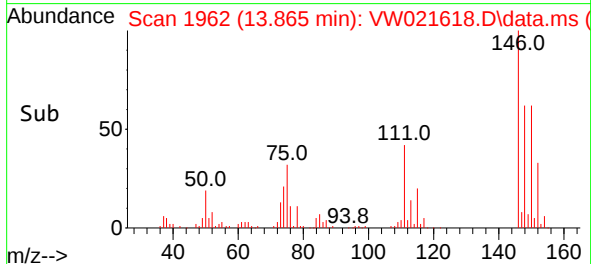
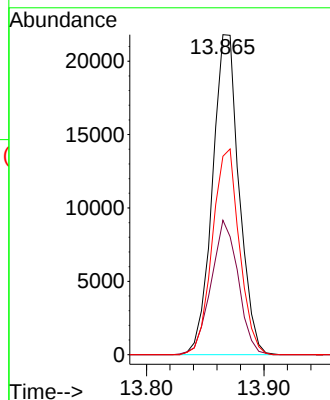
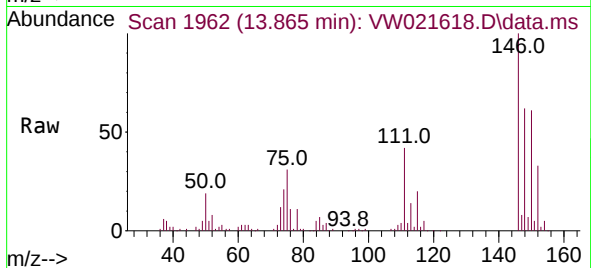
Tgt Ion:146 Resp: 34320

Ion Ratio Lower Upper

146 100

111 42.0 33.1 49.7

148 62.0 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 60.666 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

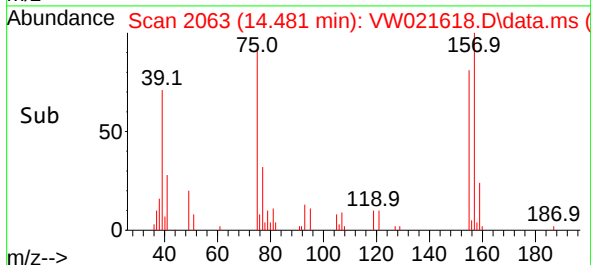
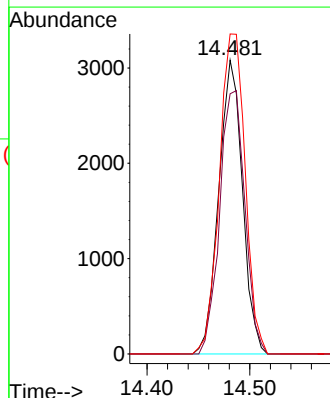
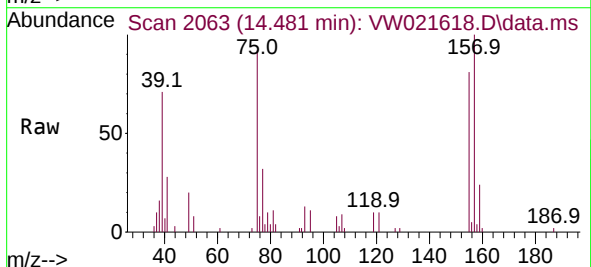
Tgt Ion: 75 Resp: 4925

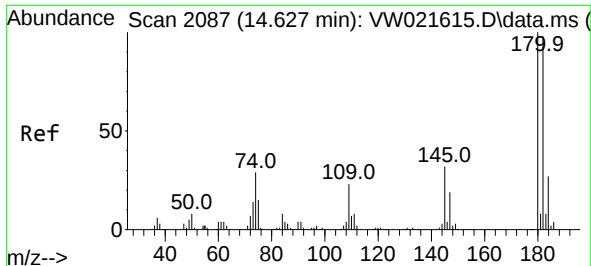
Ion Ratio Lower Upper

75 100

155 88.5 54.2 81.2#

157 108.9 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 15.226 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

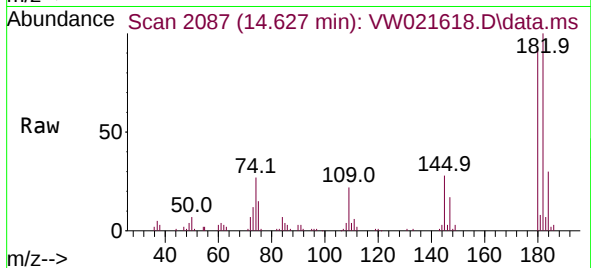
Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 19725

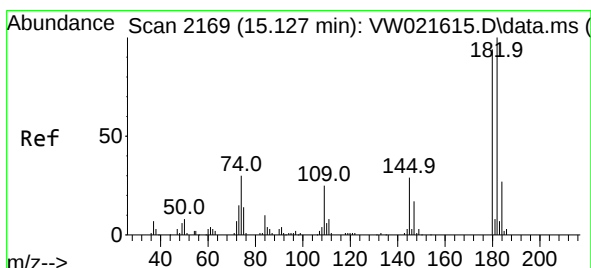
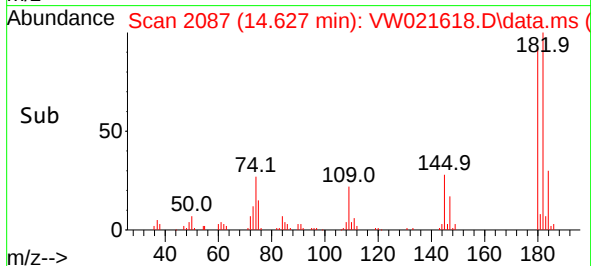
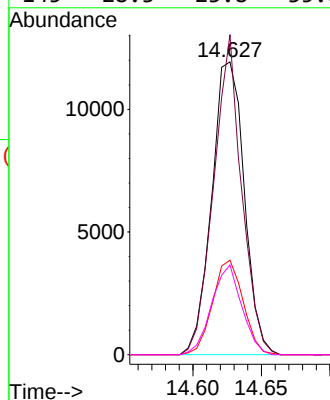
Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.0

184 30.3 23.8 35.8

145 28.3 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 13.813 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

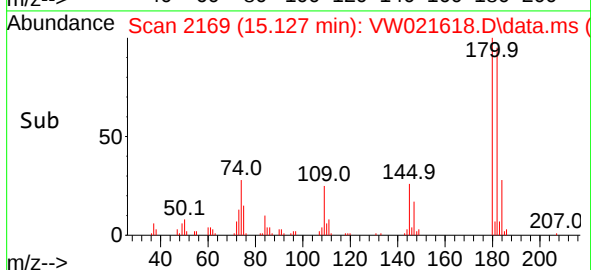
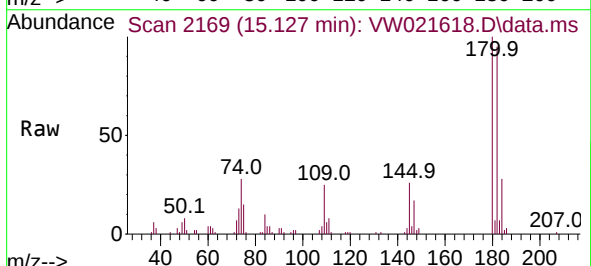
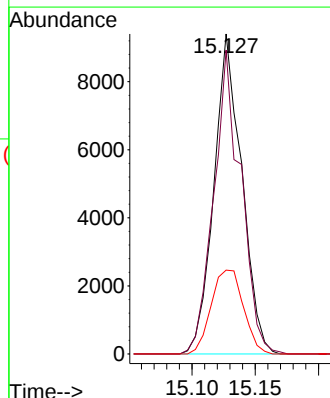
Tgt Ion:180 Resp: 14393

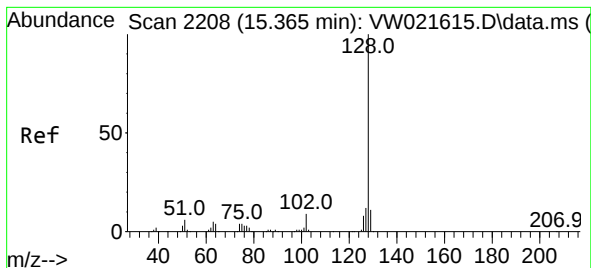
Ion Ratio Lower Upper

180 100

182 92.7 79.0 118.6

145 30.3 26.0 39.0





#71

Naphthalene

Concen: 25.148 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021618.D

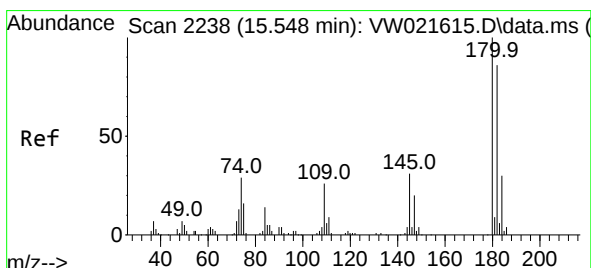
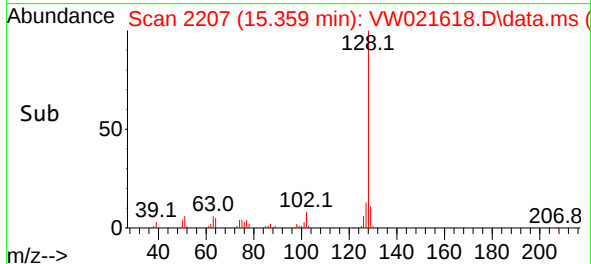
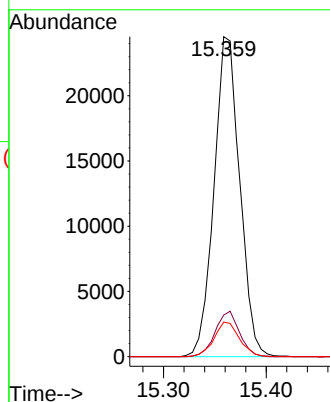
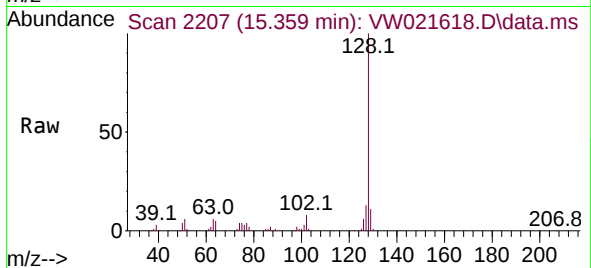
Acq: 23 Dec 2021 17:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	42571
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.7 16.1
129	10.7	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 15.241 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021618.D

Acq: 23 Dec 2021 17:53

Tgt Ion:180	Resp:	13124
Ion Ratio	Lower	Upper
180	100	
182	97.8	76.6 114.8
145	32.7	27.4 41.0

