

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021615.D
 Acq On : 23 Dec 2021 15:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 6.63g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:34:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	110000	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	103770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65692	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	47336	23.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
7) Chloroethane-d5	2.885	69	34878	26.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.360%
11) 1,1-Dichloroethene-d2	4.013	63	67462	25.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.040%
21) 2-Butanone-d5	7.098	46	14995	53.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.200%
24) Chloroform-d	7.647	84	76609	24.991	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	8.305	65	41454	25.422	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.680%
32) Benzene-d6	8.275	84	145705	25.616	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.480%
36) 1,2-Dichloropropane-d6	9.274	67	39225	25.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.840%
41) Toluene-d8	10.323	98	146998	25.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.160%
43) trans-1,3-Dichloroprop...	10.579	79	17931	25.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.120%
47) 2-Hexanone-d5	10.927	63	13735	60.889	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.780%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	35693	27.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	59104	23.215	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9967	23.451	ug/L	98
3) Chloromethane	2.209	50	28967	20.587	ug/L	100
5) Vinyl chloride	2.355	62	45452	20.577	ug/L	98
6) Bromomethane	2.782	94	28083	19.601	ug/L	91
8) Chloroethane	2.922	64	24833	24.403	ug/L	97
9) Trichlorofluoromethane	3.257	101	33581	28.812	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	36393	23.960	ug/L	93
12) 1,1-Dichloroethene	4.038	96	31448	23.064	ug/L	79
13) Acetone	4.159	43	12065	47.657	ug/L	95
14) Carbon disulfide	4.385	76	67880	19.278	ug/L	100
15) Methyl Acetate	4.690	43	11585	26.522	ug/L	92
16) Methylene chloride	4.915	84	36690	20.186	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	32999	22.352	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	52901	25.945	ug/L	94
19) 1,1-Dichloroethane	6.220	63	56515	24.395	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	37183	23.879	ug/L	79
22) 2-Butanone	7.189	43	16856	50.984	ug/L	91
23) Bromochloromethane	7.513	128	17848	24.513	ug/L	# 66
25) Chloroform	7.677	83	66856	24.860	ug/L	100

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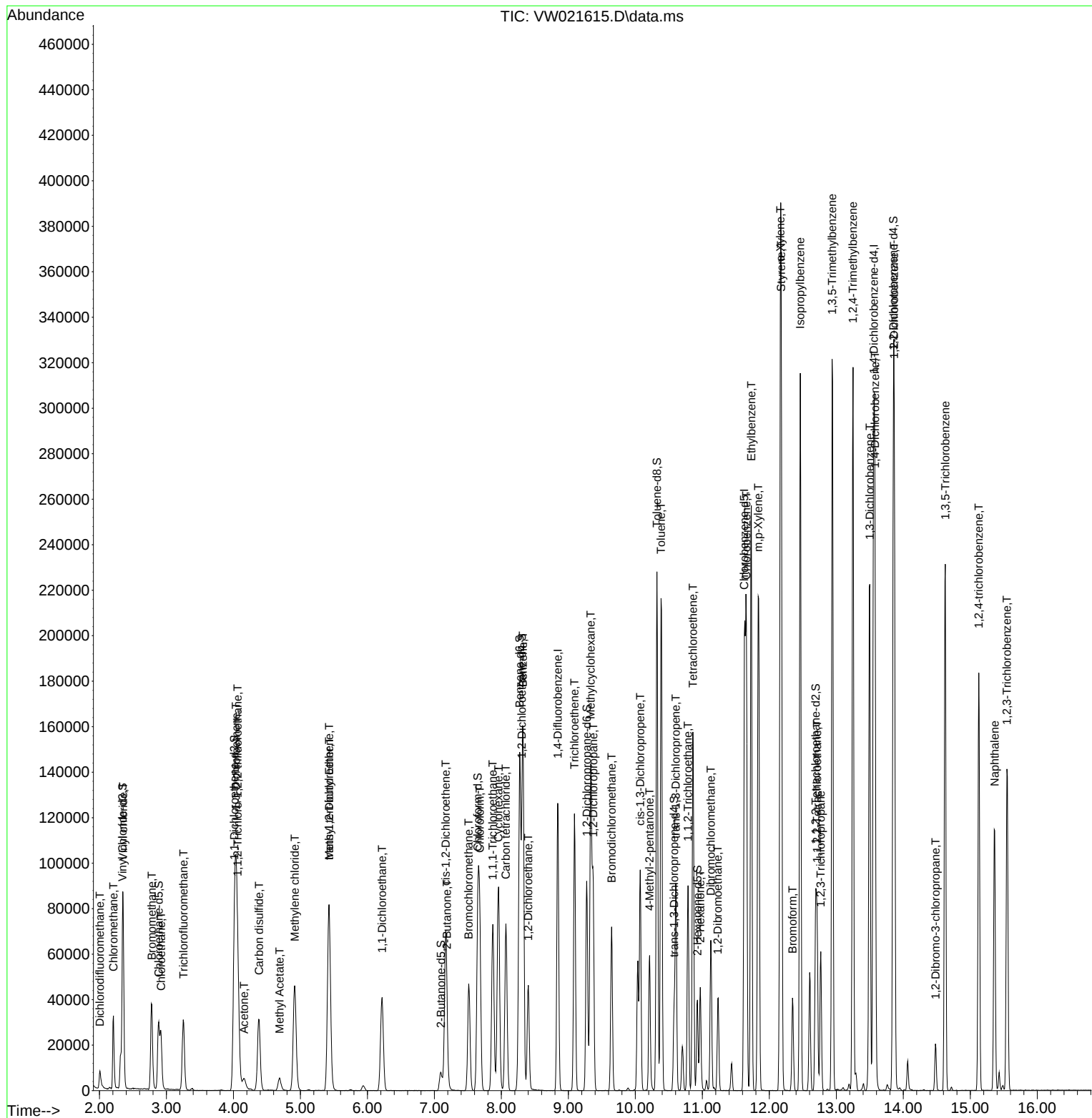
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	42766	25.112	ug/L	96
29) Cyclohexane	7.958	56	47680	23.085	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	59434	25.527	ug/L	95
31) Carbon tetrachloride	8.067	117	55148	25.676	ug/L	99
33) Benzene	8.323	78	134832	23.852	ug/L	100
34) Trichloroethene	9.091	95	39207	24.707	ug/L	88
35) Methylcyclohexane	9.335	83	60656	23.172	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	32005	25.382	ug/L #	96
38) Bromodichloromethane	9.646	83	45958	26.509	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	51671	25.996	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	36619	53.299	ug/L #	91
42) Toluene	10.384	91	159912	24.188	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	46761	26.860	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	27445	26.593	ug/L	93
46) Tetrachloroethene	10.859	164	36275	24.064	ug/L	93
48) 2-Hexanone	10.969	43	27719	55.635	ug/L #	93
49) Dibromochloromethane	11.128	129	33823	26.585	ug/L	92
50) 1,2-Dibromoethane	11.231	107	27131	26.416	ug/L #	100
51) Chlorobenzene	11.658	112	109425	24.722	ug/L	92
52) Ethylbenzene	11.731	91	182519	24.158	ug/L	99
53) m,p-Xylene	11.835	106	74602	24.477	ug/L	85
54) o-Xylene	12.164	106	70121	24.242	ug/L	100
55) Styrene	12.176	104	122373	24.859	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	31157	26.336	ug/L #	90
59) Bromoform	12.347	173	18643	23.851	ug/L	97
60) Isopropylbenzene	12.463	105	200588	22.472	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23220	24.287	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	172407	22.698	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	171801	22.928	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	96732	22.975	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	95822	22.907	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	84228	22.723	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4781	24.244	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.627	180	74117	23.553	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	58710	23.195	ug/L	98
71) Naphthalene	15.365	128	102552	24.939	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	50379	24.084	ug/L	99

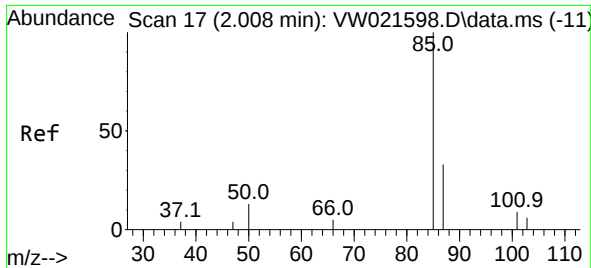
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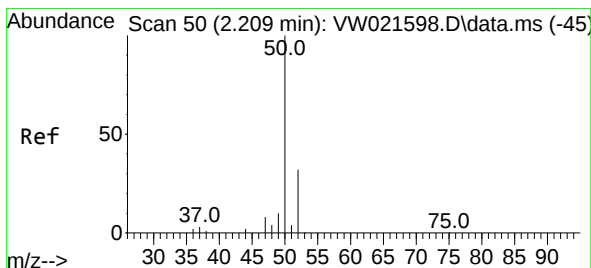
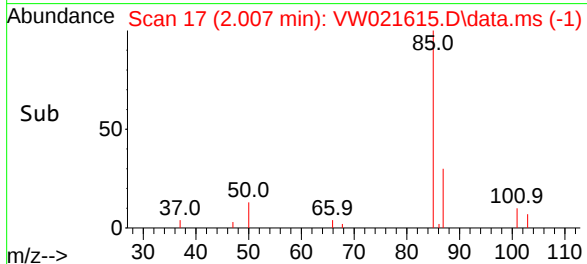
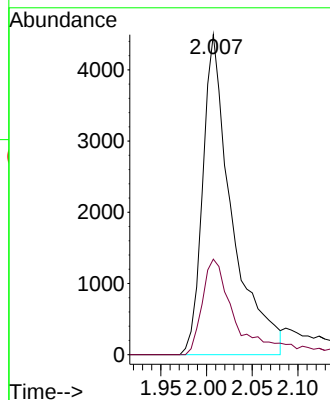
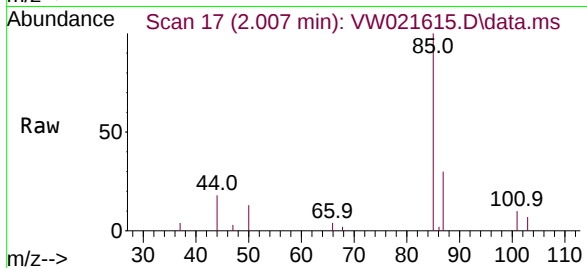




#2
 Dichlorodifluoromethane
 Concen: 23.451 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

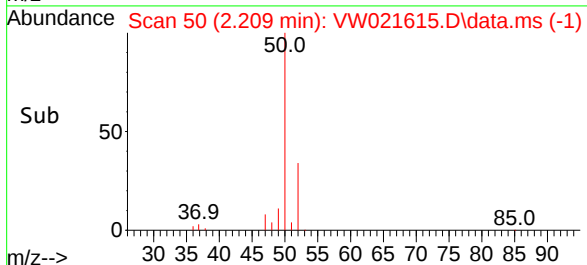
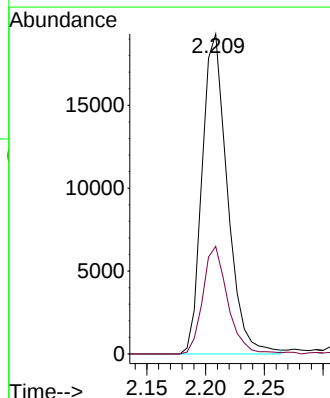
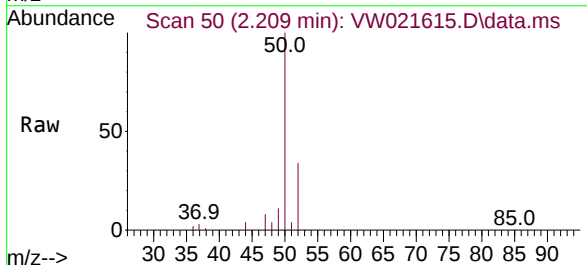
Instrument :
 MSVOA_W
 ClientSampleId :

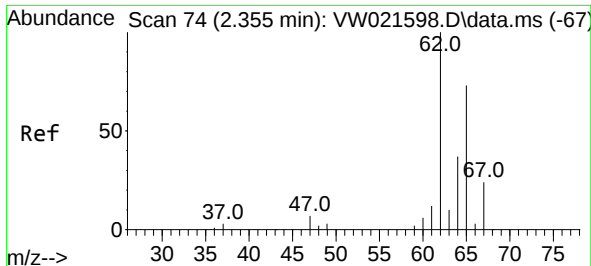
Tgt Ion: 85 Resp: 9967
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.8 38.6



#3
 Chloromethane
 Concen: 20.587 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

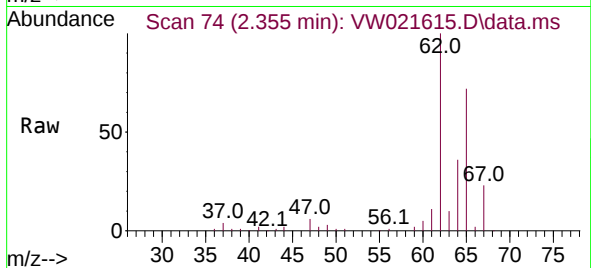
Tgt Ion: 50 Resp: 28967
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.6



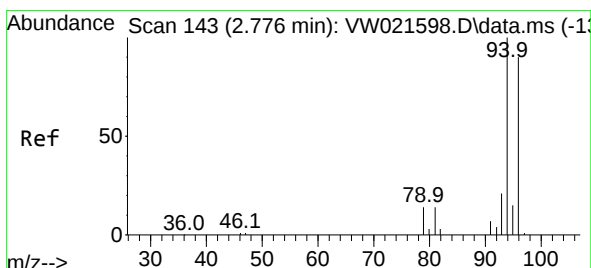
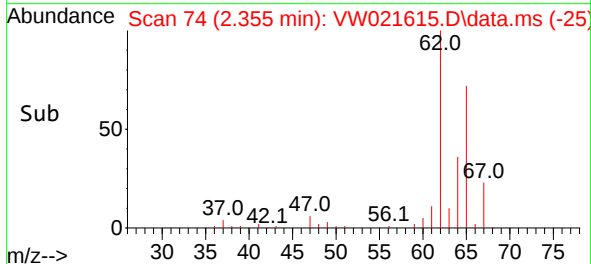
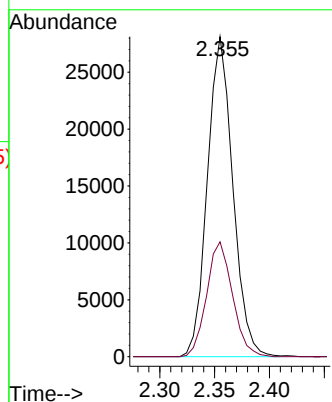


#5
 Vinyl chloride
 Concen: 20.577 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

Instrument :
 MSVOA_W
 ClientSampleId :

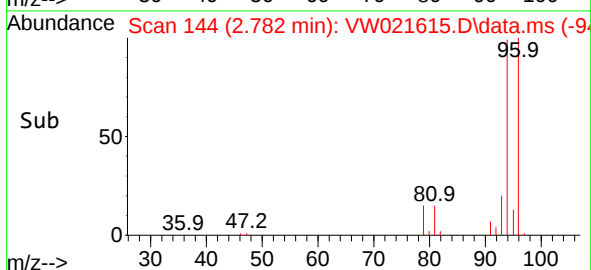
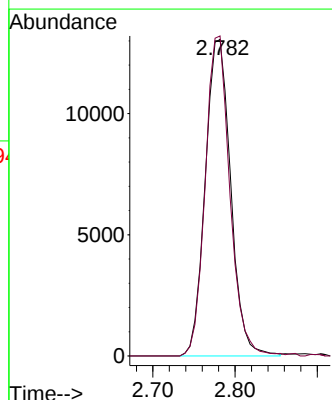
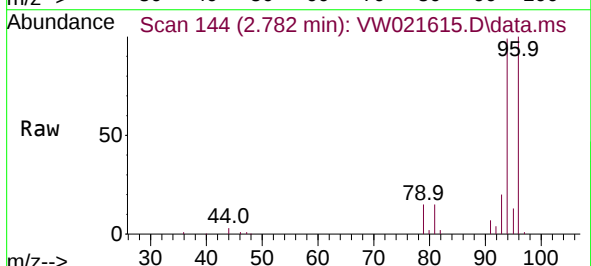


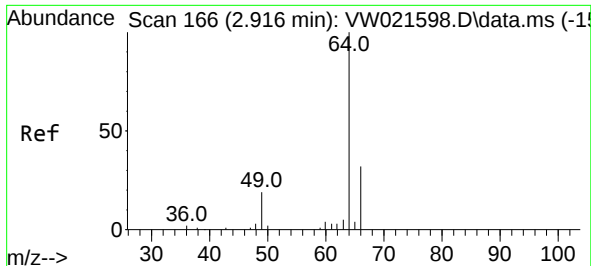
Tgt Ion: 62 Resp: 45452
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.4 45.2



#6
 Bromomethane
 Concen: 19.601 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

Tgt Ion: 94 Resp: 28083
 Ion Ratio Lower Upper
 94 100
 96 101.1 64.8 120.4

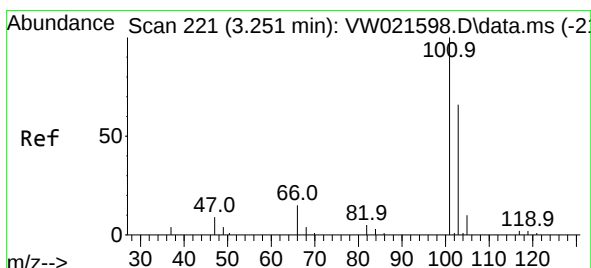
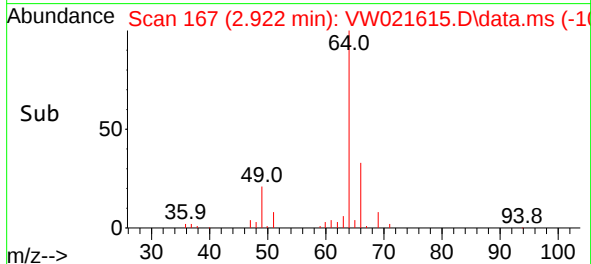
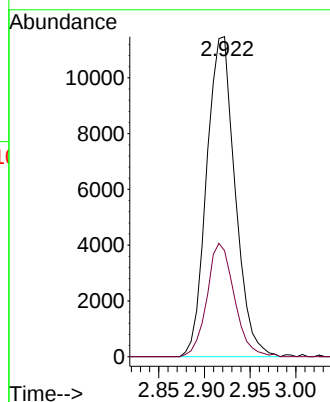
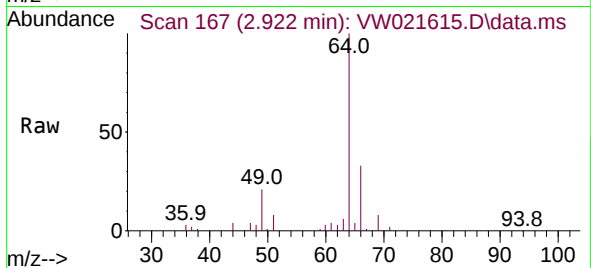




#8
Chloroethane
Concen: 24.403 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

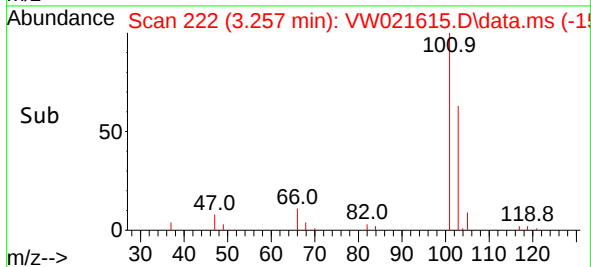
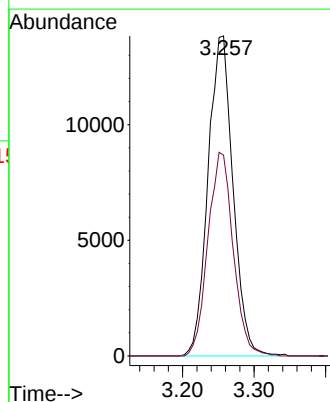
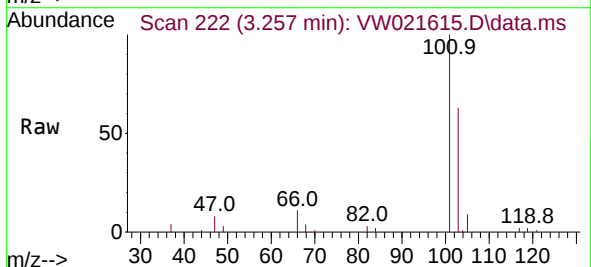
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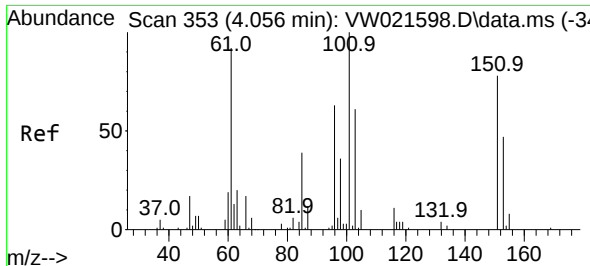
Tgt Ion: 64 Resp: 24833
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 28.812 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion: 101 Resp: 33581
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

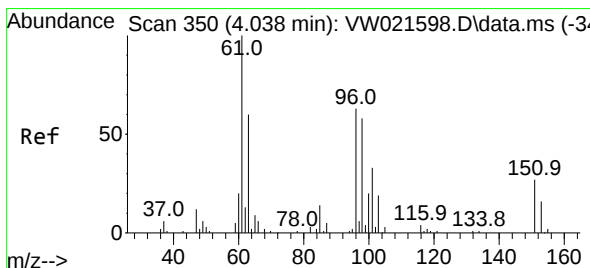
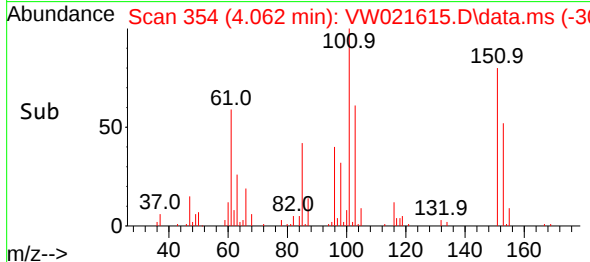
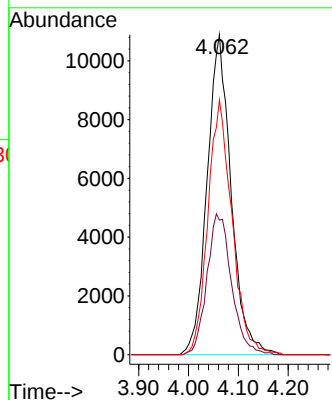
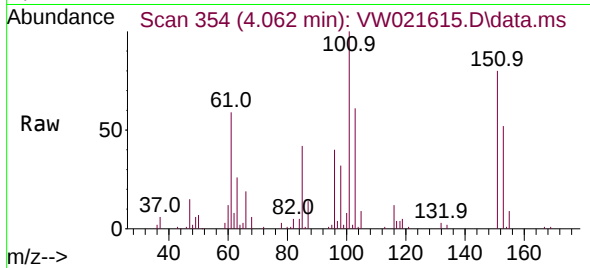




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.960 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

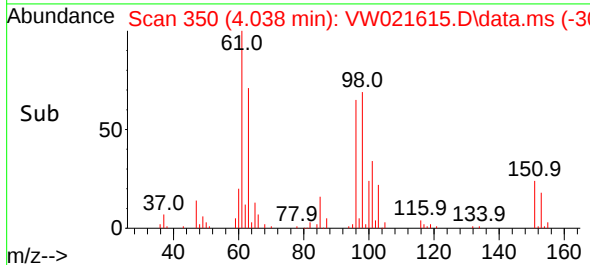
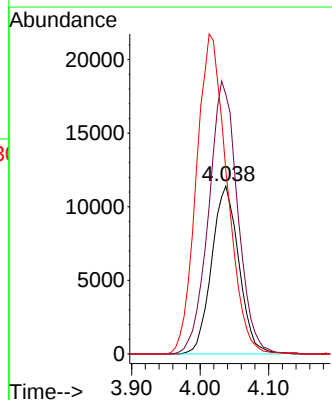
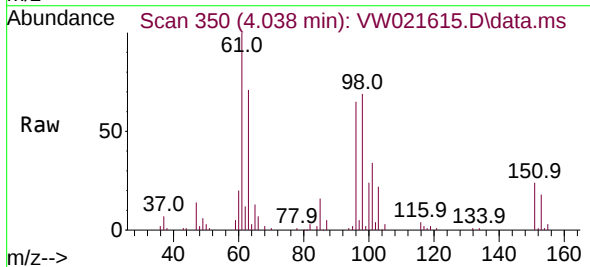
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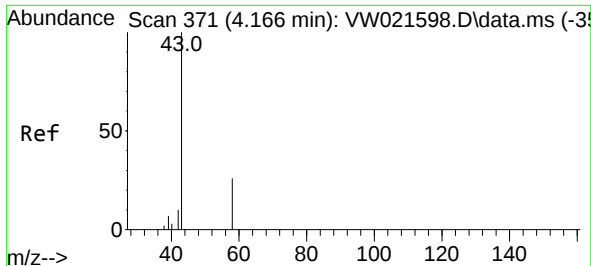
Tgt Ion:101 Resp: 36393
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.6 54.8
 151 80.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.064 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

Tgt Ion: 96 Resp: 31448
 Ion Ratio Lower Upper
 96 100
 61 154.6 138.3 256.9
 63 109.5 82.6 153.4





#13

Acetone

Concen: 47.657 ug/L

RT: 4.159 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

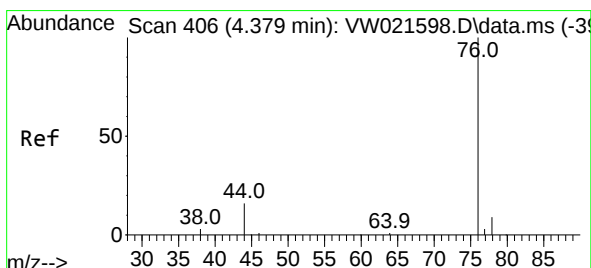
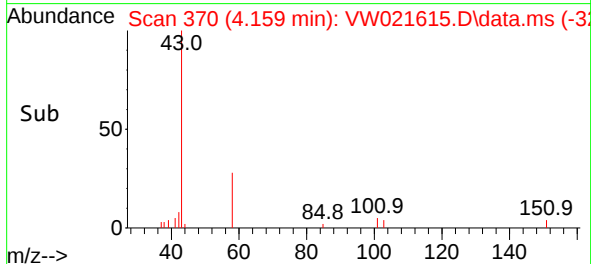
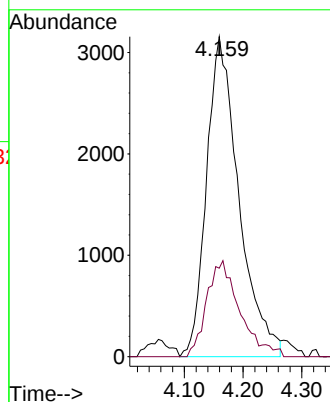
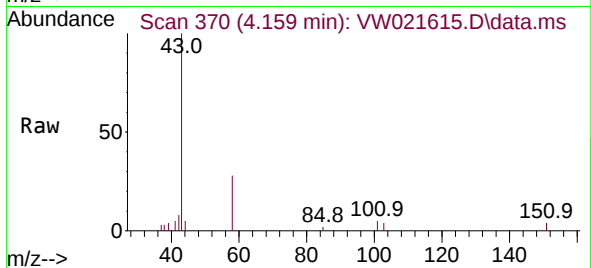
ClientSampleId :

Tgt Ion: 43 Resp: 12065

Ion Ratio Lower Upper

43 100

58 28.9 0.0 52.8



#14

Carbon disulfide

Concen: 19.278 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW021615.D

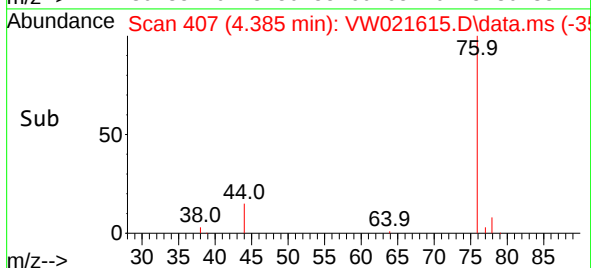
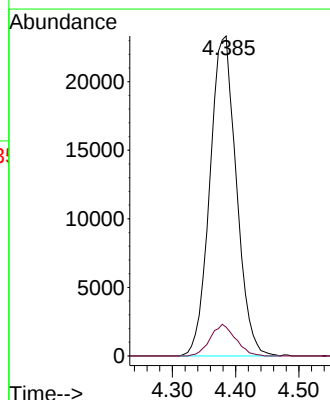
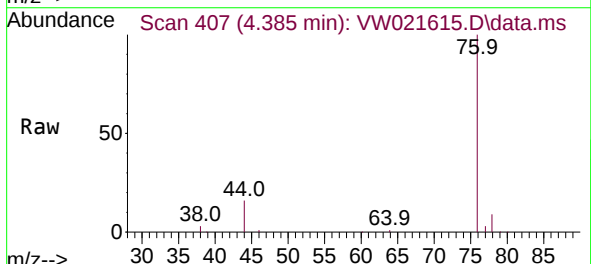
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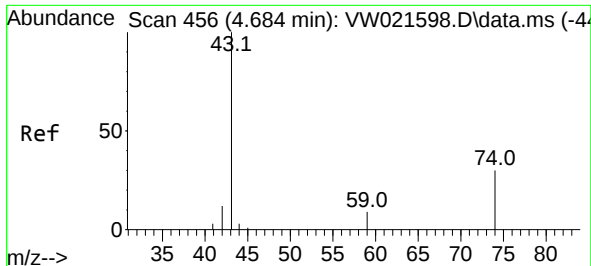
Tgt Ion: 76 Resp: 67880

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

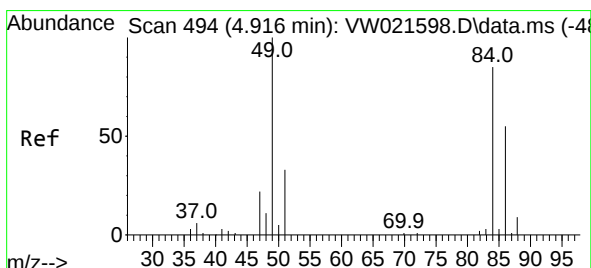
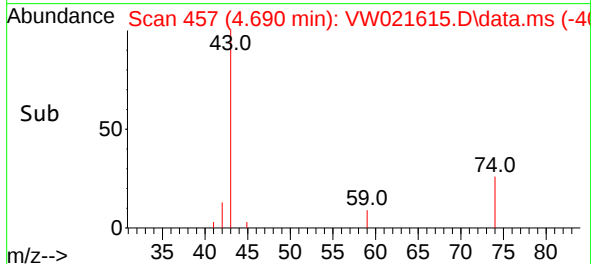
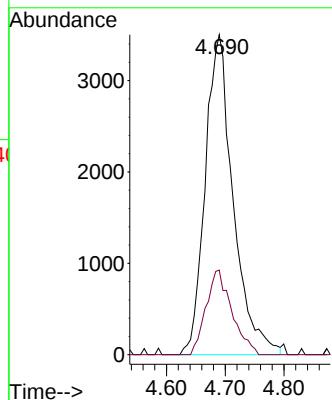
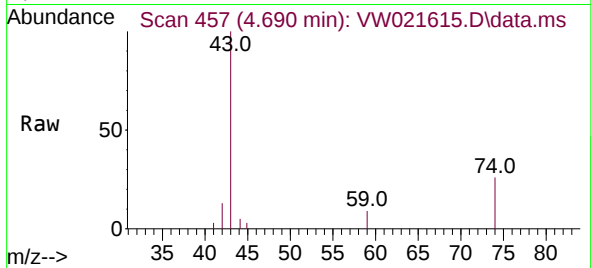




#15
Methyl Acetate
Concen: 26.522 ug/L
RT: 4.690 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

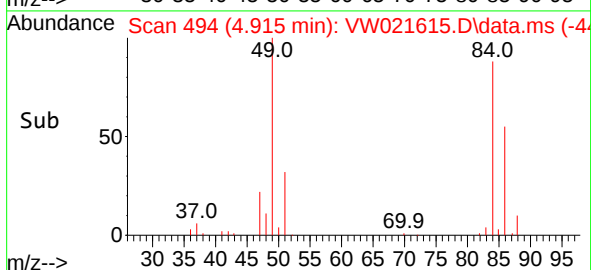
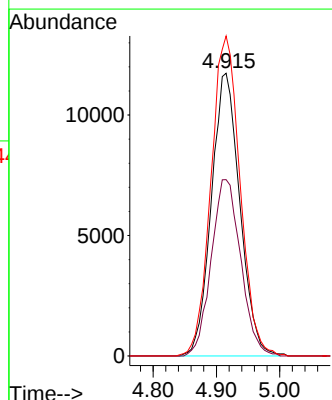
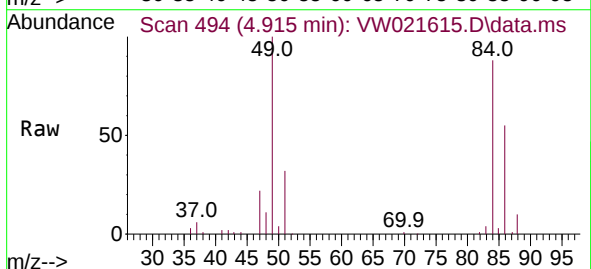
Instrument :
MSVOA_W
ClientSampleId :

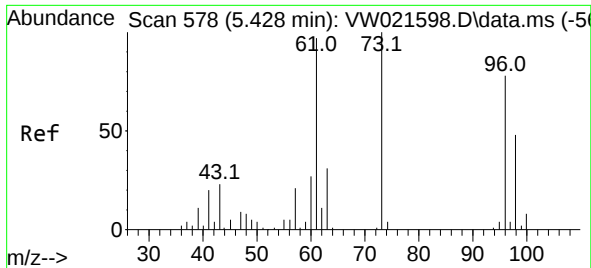
Tgt Ion: 43 Resp: 11585
Ion Ratio Lower Upper
43 100
74 24.4 16.4 24.6



#16
Methylene chloride
Concen: 20.186 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion: 84 Resp: 36690
Ion Ratio Lower Upper
84 100
86 62.4 45.5 84.5
49 113.2 100.5 186.7

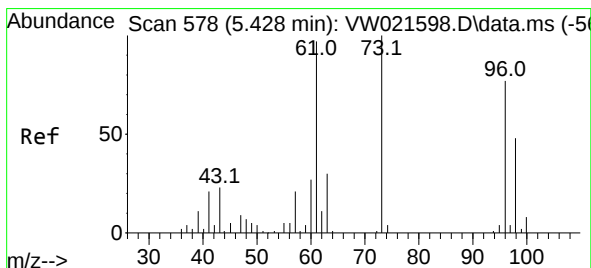
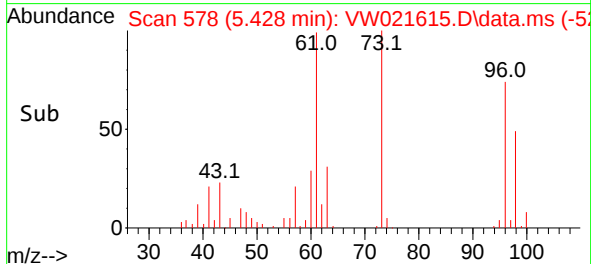
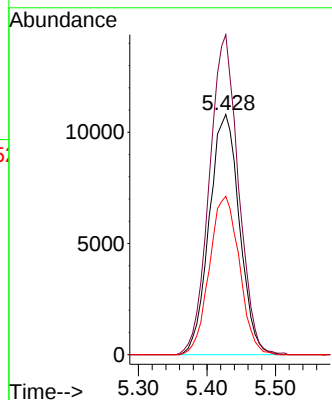
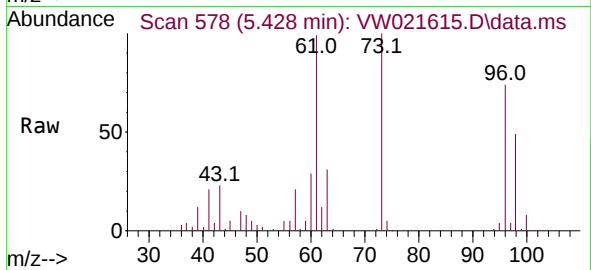




#17
trans-1,2-Dichloroethene
Concen: 22.352 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

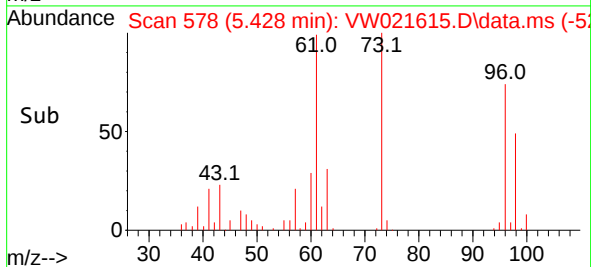
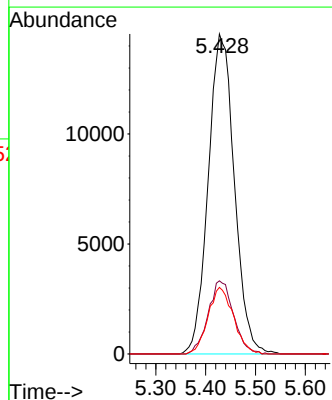
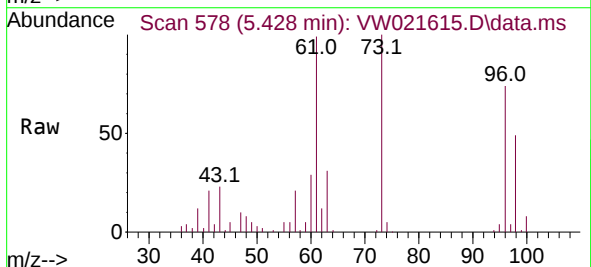
Instrument :
MSVOA_W
ClientSampleId :

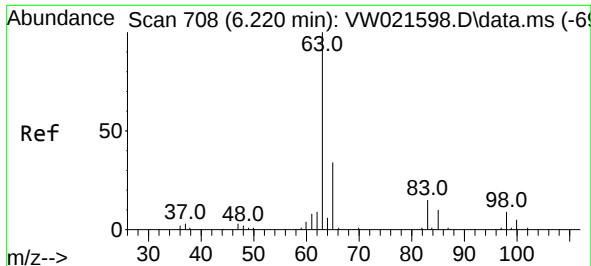
Tgt Ion: 96 Resp: 32999
Ion Ratio Lower Upper
96 100
61 133.2 107.4 199.4
98 66.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.945 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion: 73 Resp: 52901
Ion Ratio Lower Upper
73 100
43 22.1 19.5 29.3
57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.395 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021615.D

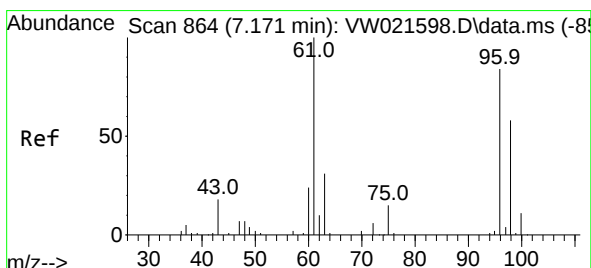
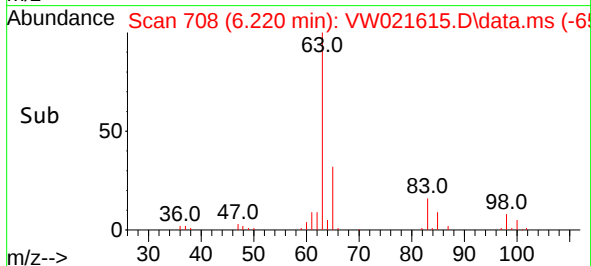
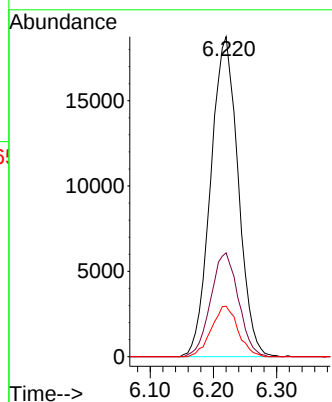
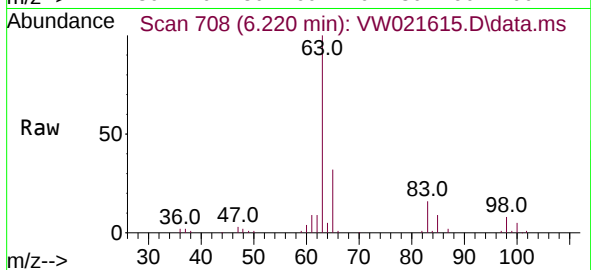
Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 56515
Ion Ratio	Lower Upper
63 100	
65 32.5	22.1 41.1
83 15.7	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.879 ug/L

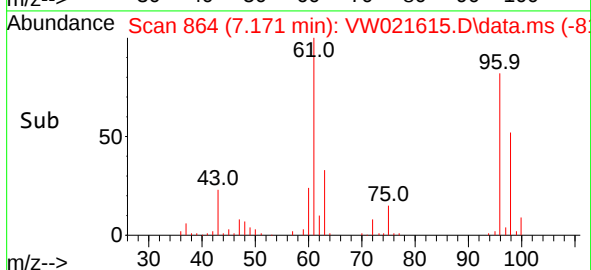
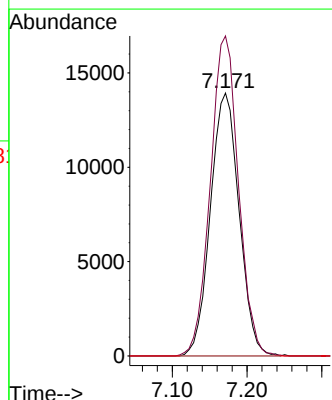
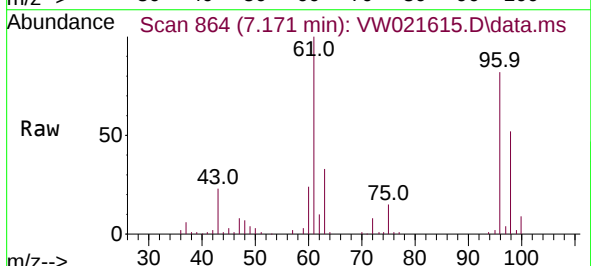
RT: 7.171 min Scan# 864

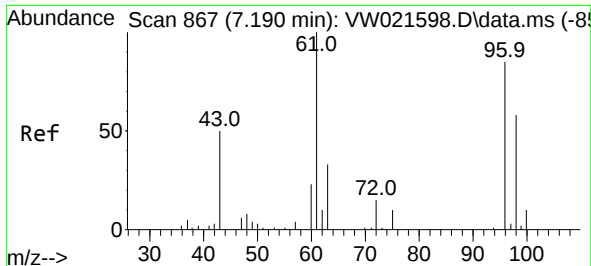
Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Tgt Ion: 96	Resp: 37183
Ion Ratio	Lower Upper
96 100	
61 121.7	103.7 192.7
68 0.0	0.0 0.0

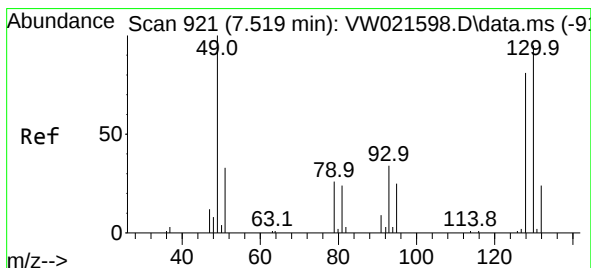
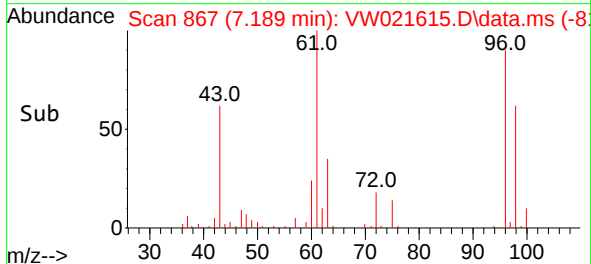
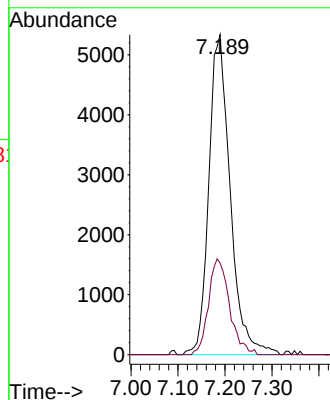
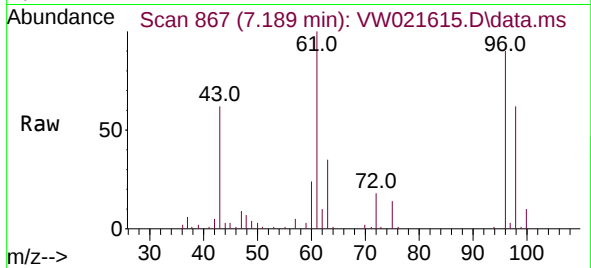




#22
2-Butanone
Concen: 50.984 ug/L
RT: 7.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

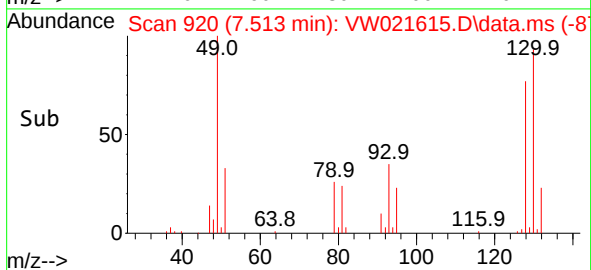
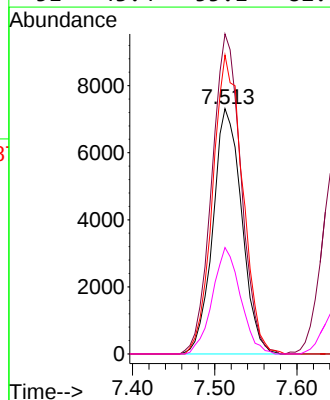
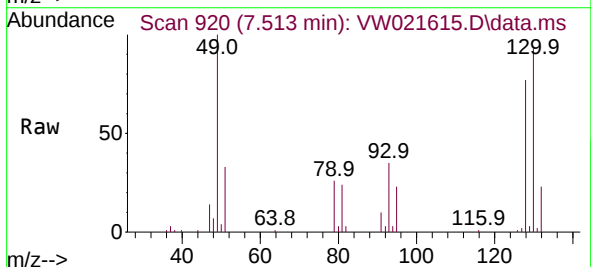
Instrument :
MSVOA_W
ClientSampleId :

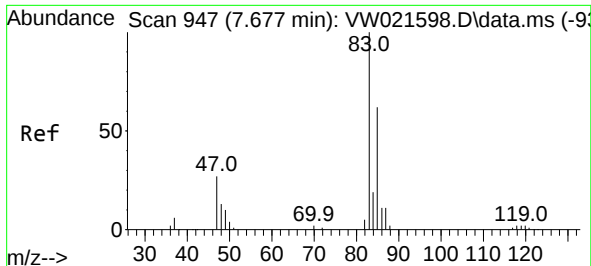
Tgt Ion: 43 Resp: 16856
Ion Ratio Lower Upper
43 100
72 28.2 11.8 35.4



#23
Bromochloromethane
Concen: 24.513 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion: 128 Resp: 17848
Ion Ratio Lower Upper
128 100
49 130.5 150.3 279.1#
130 121.9 88.3 163.9
51 43.4 55.1 82.7#

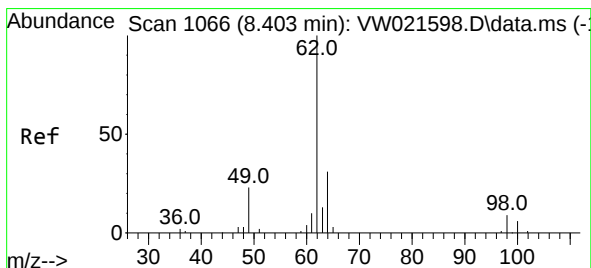
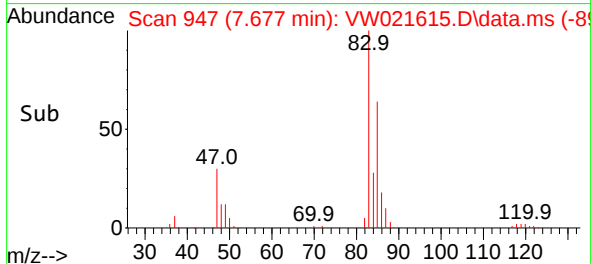
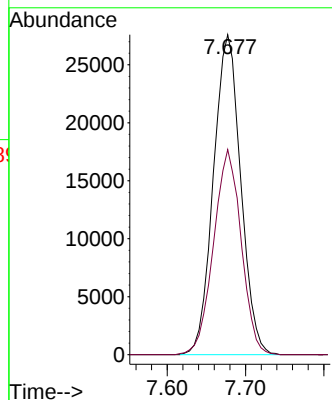
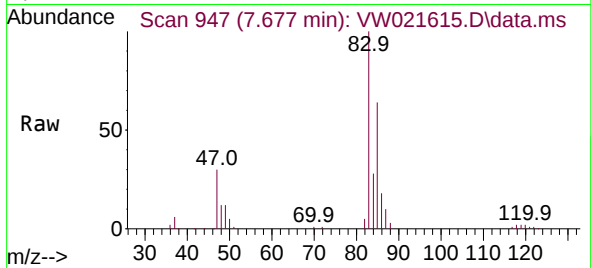




#25
Chloroform
Concen: 24.860 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

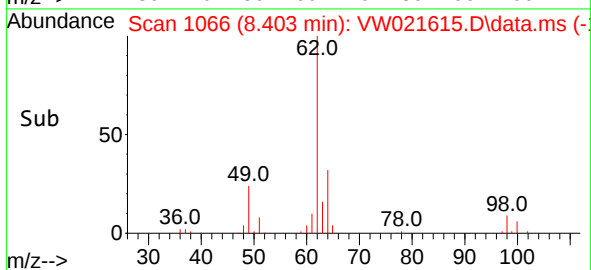
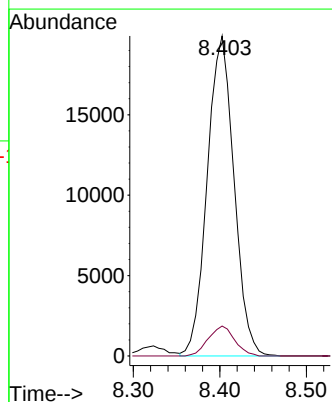
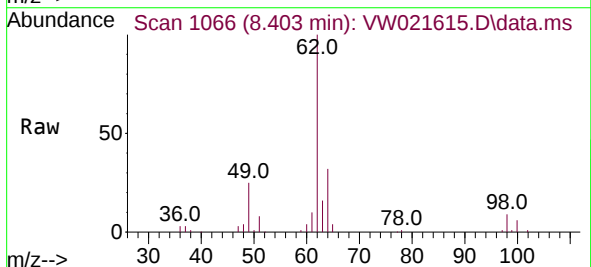
Instrument :
MSVOA_W
ClientSampleId :

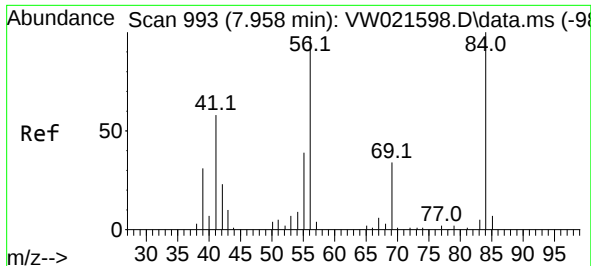
Tgt Ion: 83 Resp: 66856
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.112 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion: 62 Resp: 42766
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7





#29

Cyclohexane

Concen: 23.085 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

ClientSampleId :

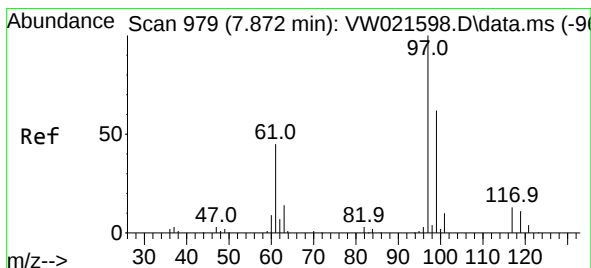
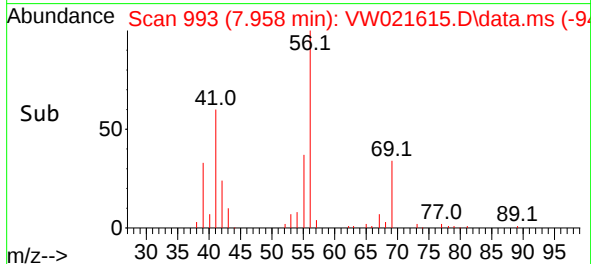
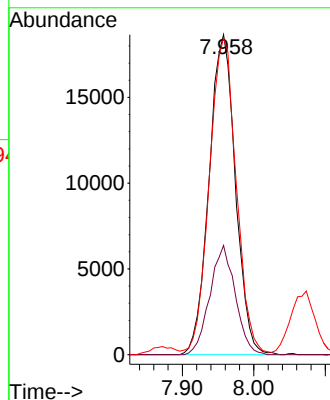
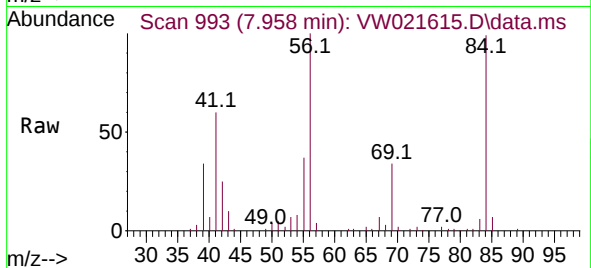
Tgt Ion: 56 Resp: 47680

Ion Ratio Lower Upper

56 100

69 32.9 23.5 35.3

84 101.4 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 25.527 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

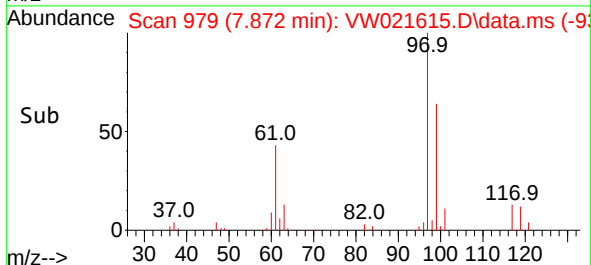
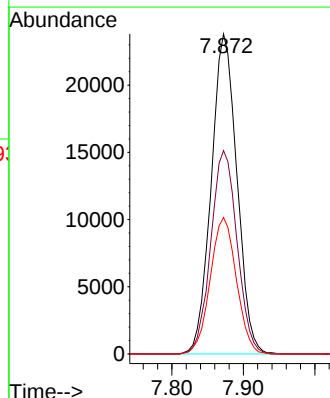
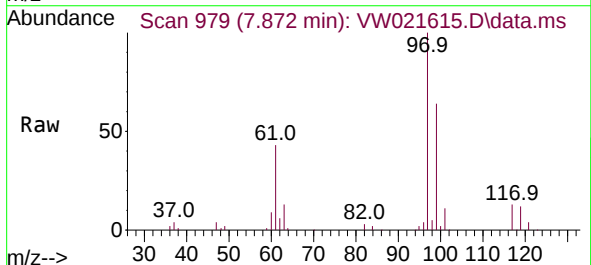
Tgt Ion: 97 Resp: 59434

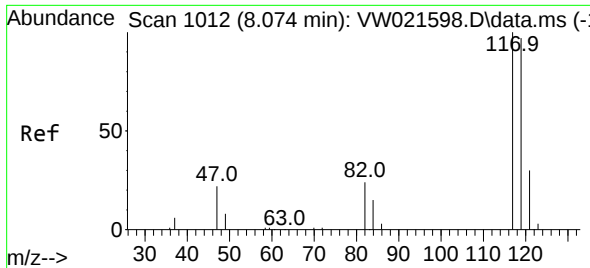
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 43.4 40.9 61.3

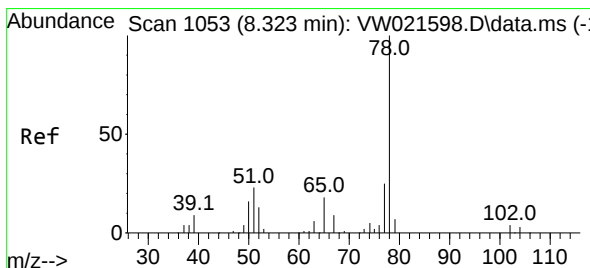
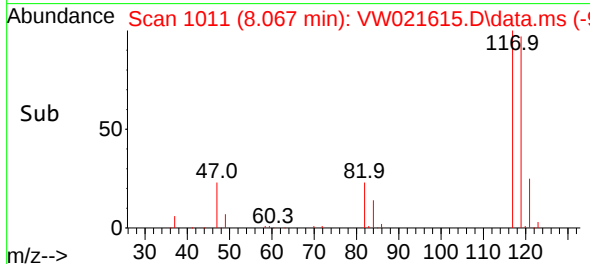
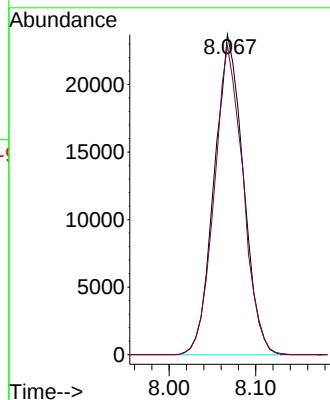
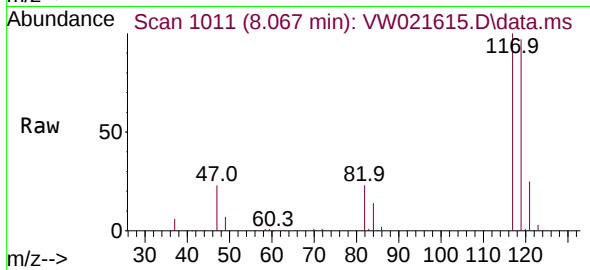




#31
Carbon tetrachloride
Concen: 25.676 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

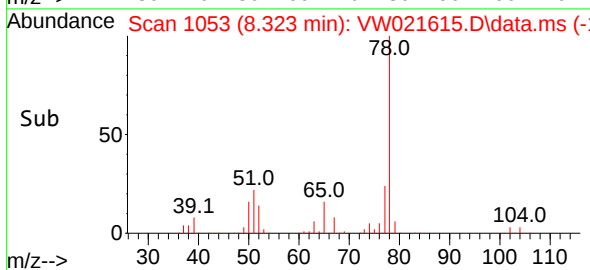
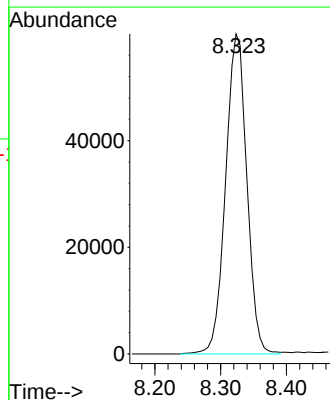
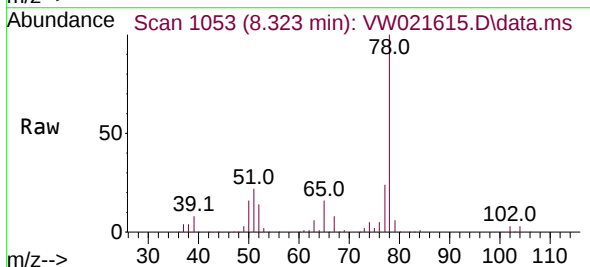
Instrument :
MSVOA_W
ClientSampleId :

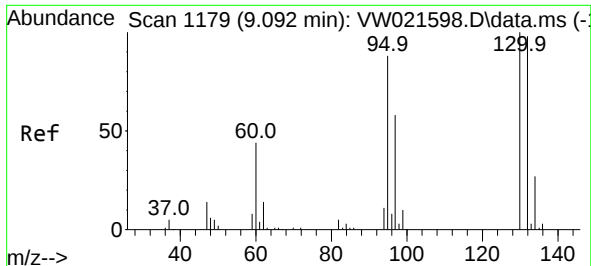
Tgt Ion:117 Resp: 55148
Ion Ratio Lower Upper
117 100
119 95.9 75.7 113.5



#33
Benzene
Concen: 23.852 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

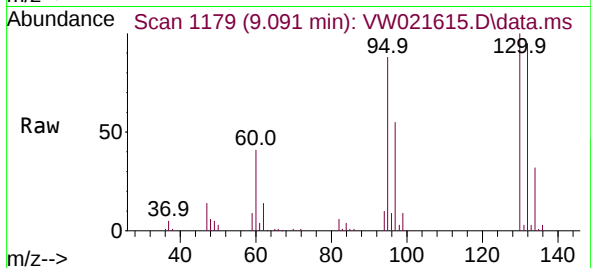
Tgt Ion: 78 Resp: 134832



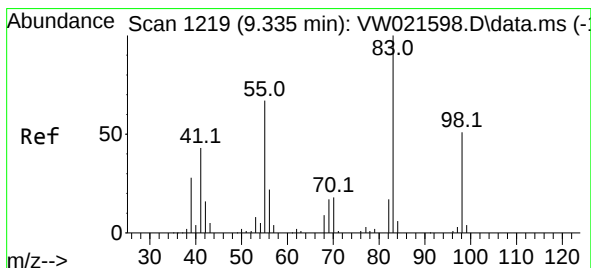
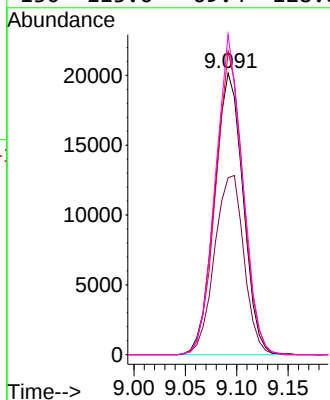
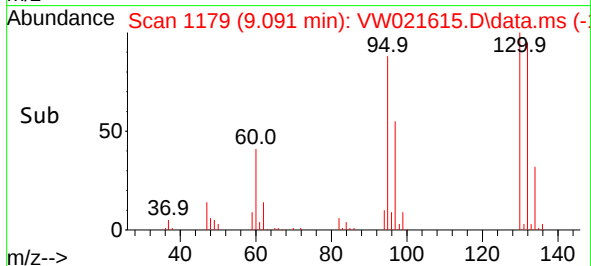


#34
Trichloroethene
Concen: 24.707 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Instrument :
MSVOA_W
ClientSampleId :

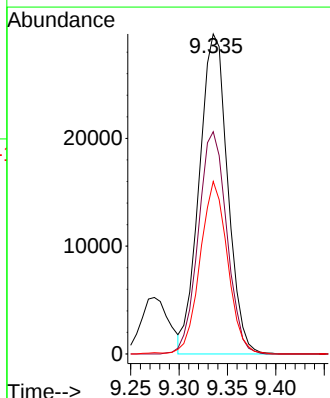
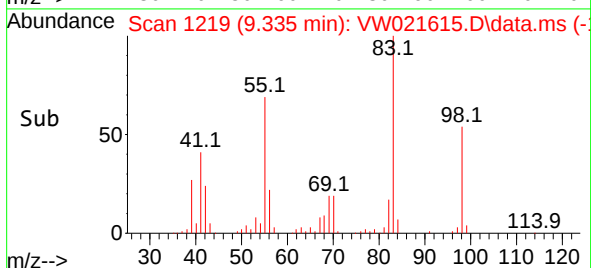
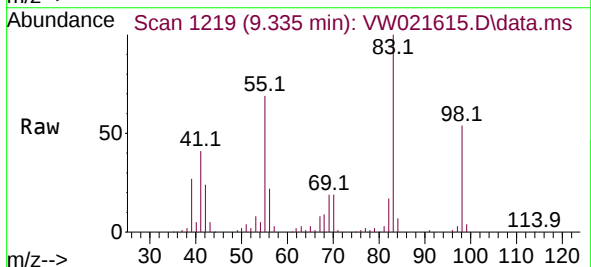


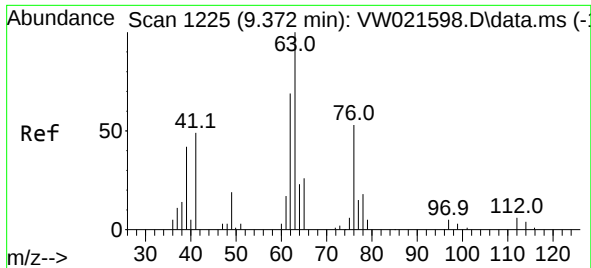
Tgt Ion: 95 Resp: 39207
Ion Ratio Lower Upper
95 100
97 62.8 47.0 87.2
132 107.7 65.5 121.6
130 113.6 69.4 128.8



#35
Methylcyclohexane
Concen: 23.172 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion: 83 Resp: 60656
Ion Ratio Lower Upper
83 100
55 69.6 70.8 106.2#
98 52.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.382 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

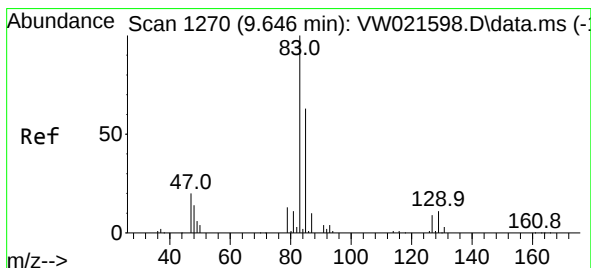
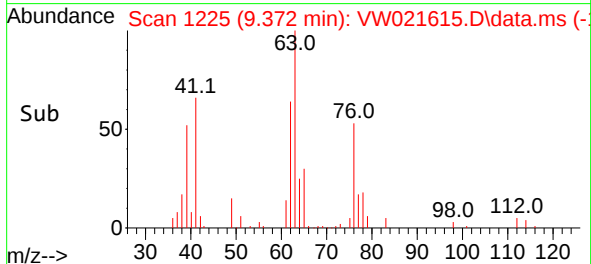
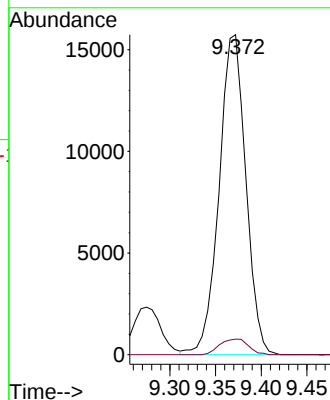
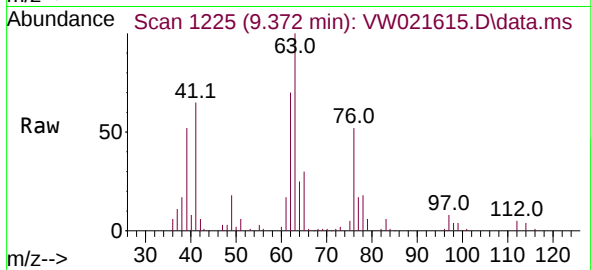
ClientSampleId :

Tgt Ion: 63 Resp: 32005

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.509 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

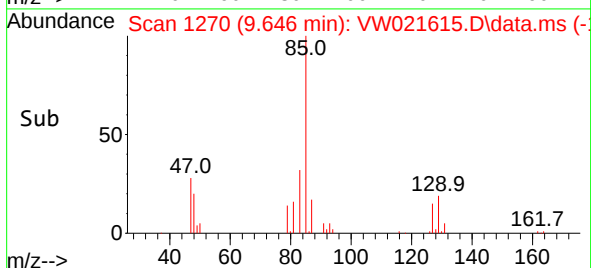
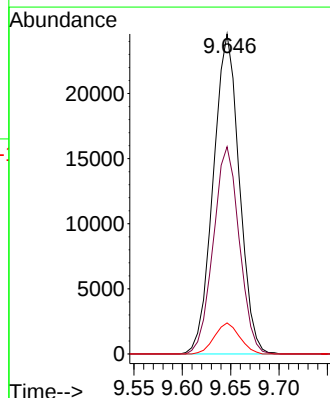
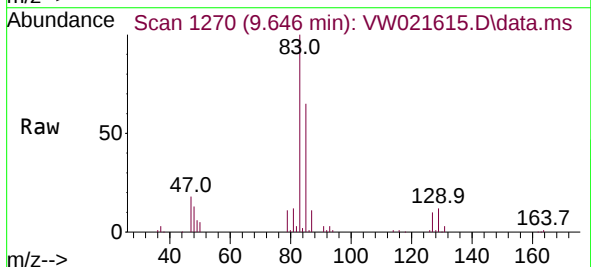
Tgt Ion: 83 Resp: 45958

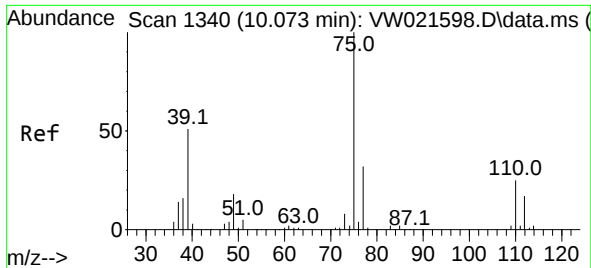
Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9

127 9.7 6.1 9.1#

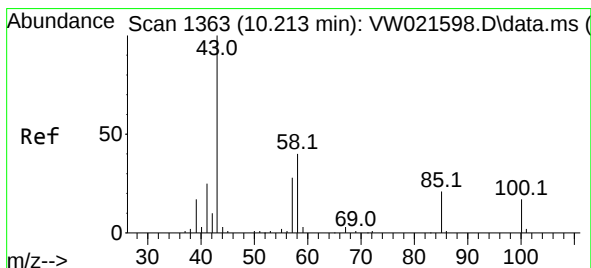
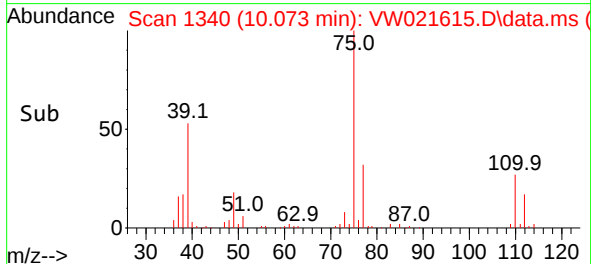
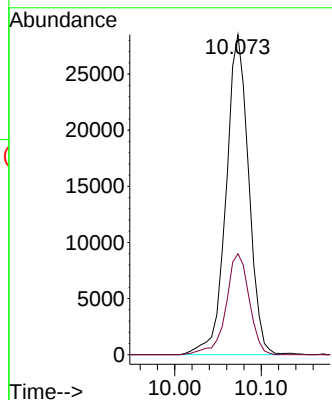
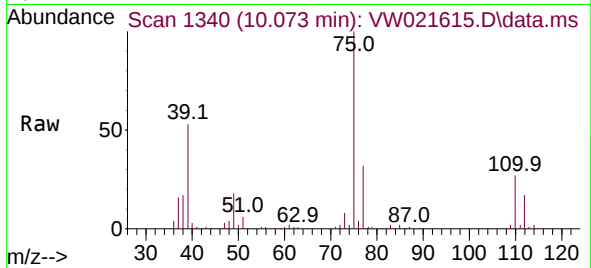




#39
 cis-1,3-Dichloropropene
 Concen: 25.996 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

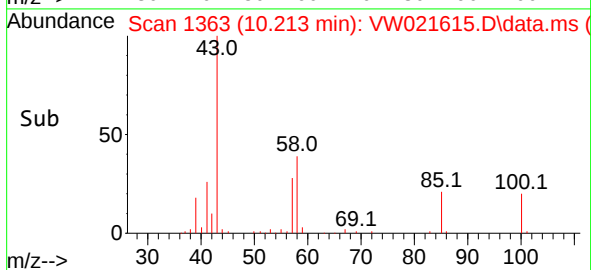
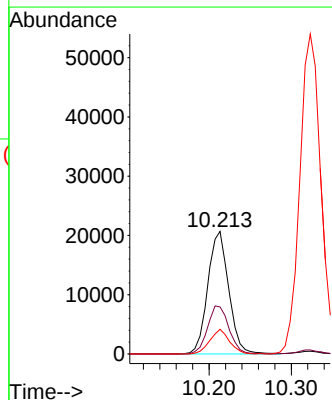
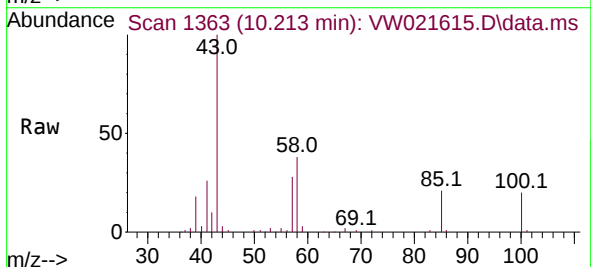
Instrument :
 MSVOA_W
 ClientSampleId :

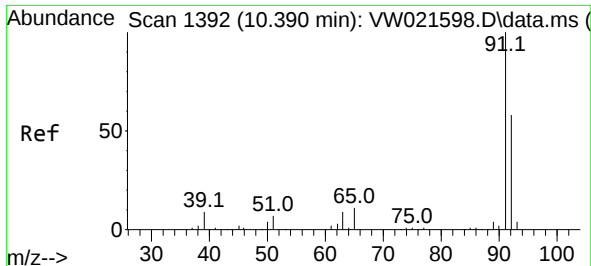
Tgt Ion: 75 Resp: 51671
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 53.299 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. -0.000 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

Tgt Ion: 43 Resp: 36619
 Ion Ratio Lower Upper
 43 100
 58 40.1 28.8 43.2
 100 18.8 10.0 15.0#

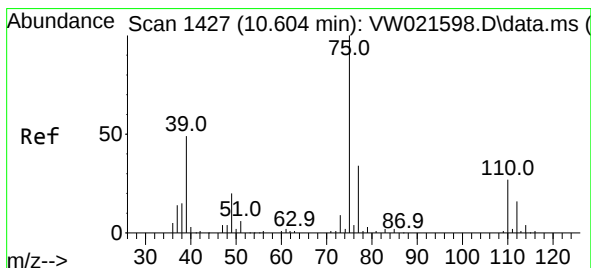
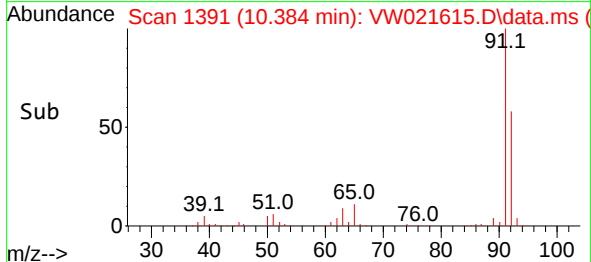
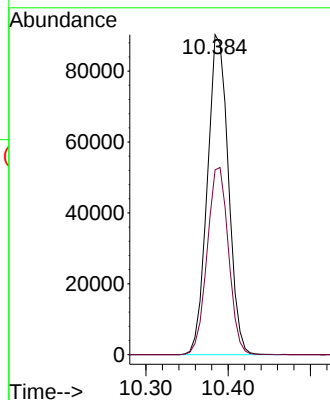
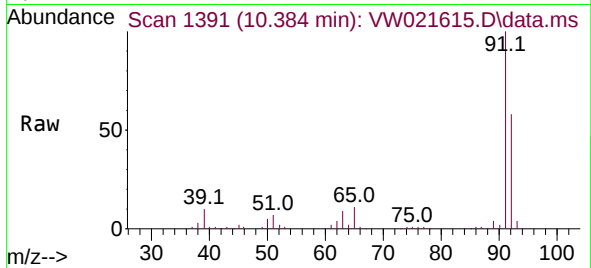




#42
Toluene
Concen: 24.188 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

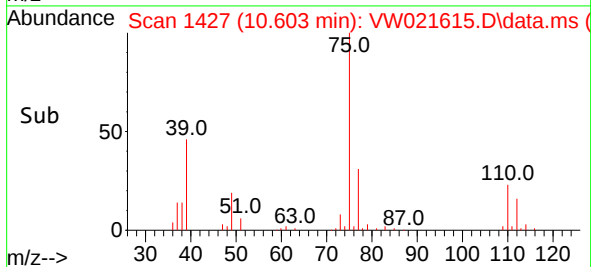
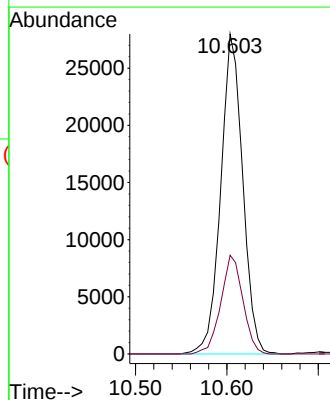
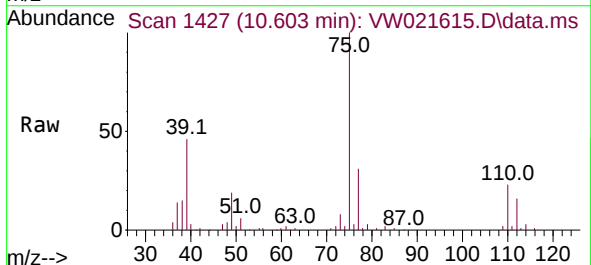
Instrument :
MSVOA_W
ClientSampleId :

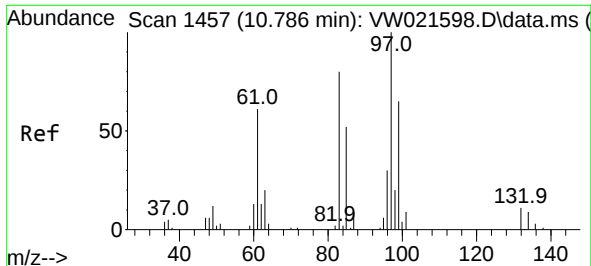
Tgt Ion: 91 Resp: 159912
Ion Ratio Lower Upper
91 100
92 57.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 26.860 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion: 75 Resp: 46761
Ion Ratio Lower Upper
75 100
77 30.8 22.2 41.2

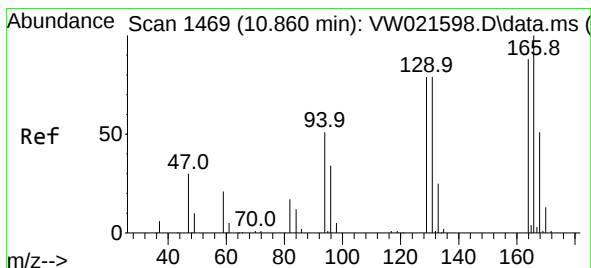
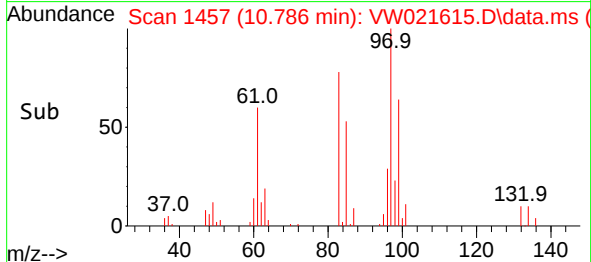
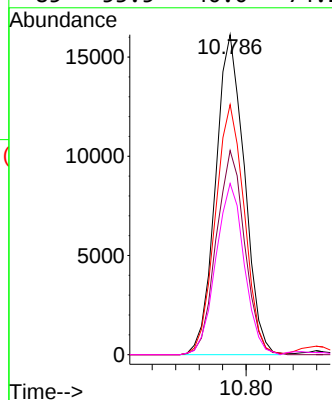
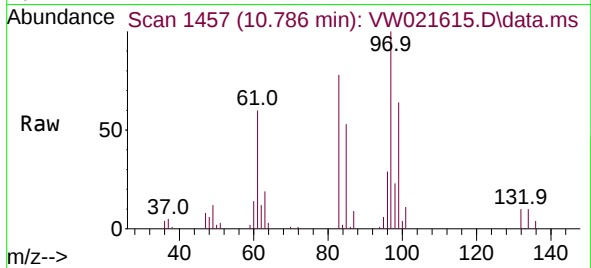




#45
1,1,2-Trichloroethane
Concen: 26.593 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

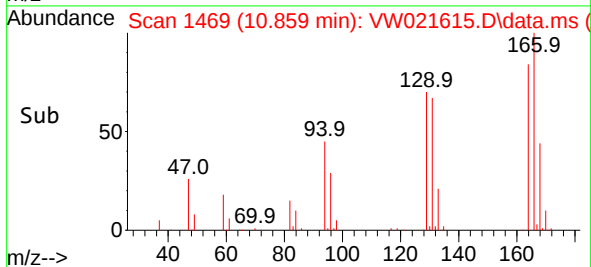
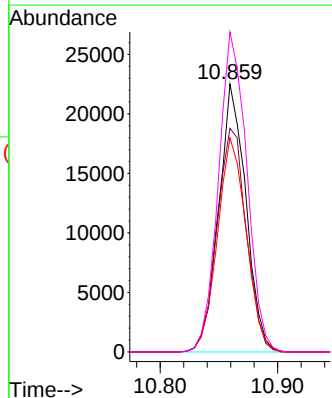
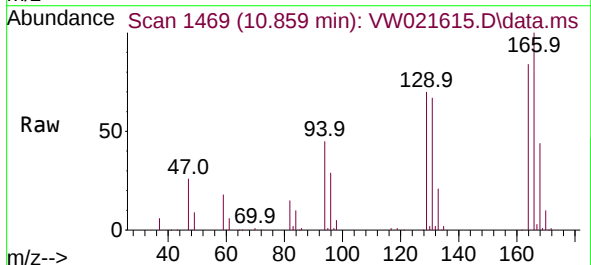
Instrument :
MSVOA_W
ClientSampleId :

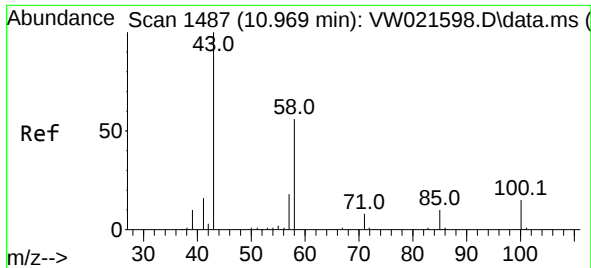
Tgt Ion: 97	Resp: 27445
Ion Ratio	Lower Upper
97 100	
99 63.8	43.0 79.8
83 78.1	62.6 116.3
85 53.5	40.0 74.2



#46
Tetrachloroethene
Concen: 24.064 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt	Ion:164	Resp:	36275
Ion	Ratio	Lower	Upper
164	100		
129	83.5	65.5	121.7
131	79.9	59.7	110.9
166	119.5	88.7	164.7

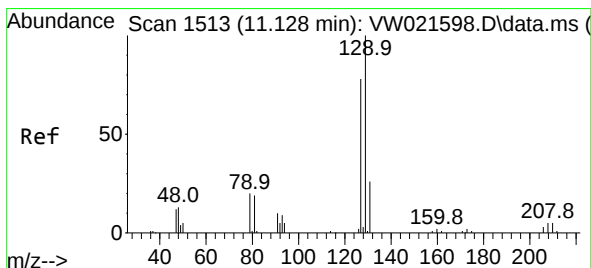
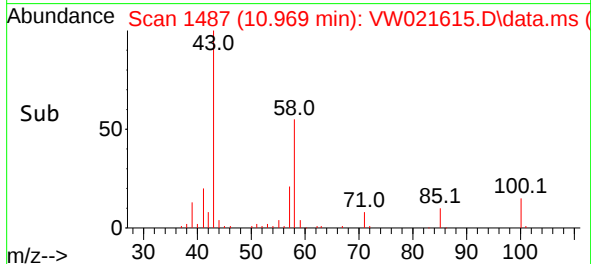
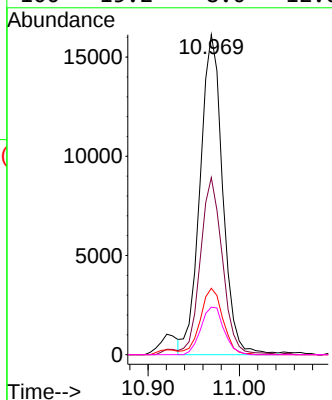
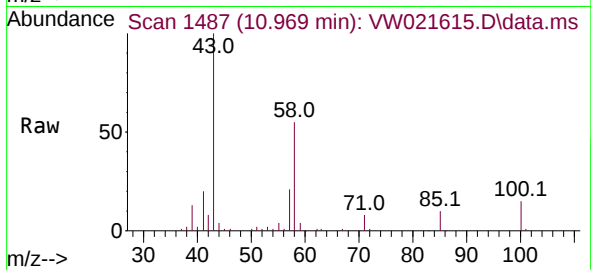




#48
2-Hexanone
Concen: 55.635 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

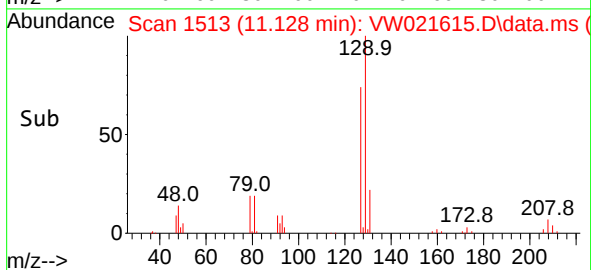
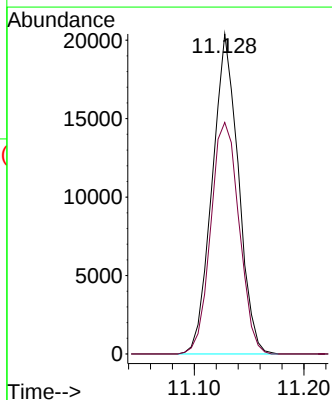
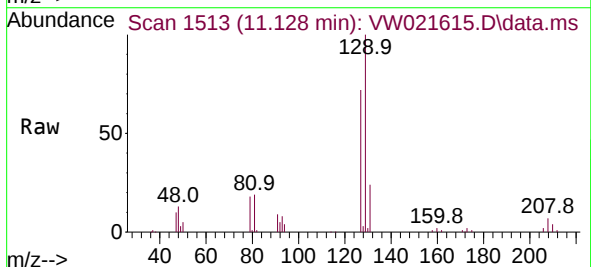
Instrument :
MSVOA_W
ClientSampleId :

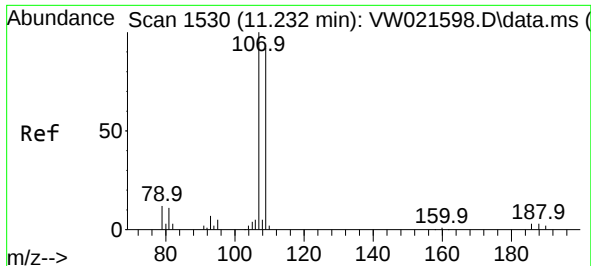
Tgt Ion: 43	Resp: 27719
Ion Ratio	Lower Upper
43 100	
58 54.0	40.2 60.2
57 20.7	14.3 21.5
100 15.2	8.0 12.0#



#49
Dibromochloromethane
Concen: 26.585 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion:129	Resp:	33823	
Ion	Ratio	Lower	Upper
129	100		
127	72.4	55.7	103.5





#50

1,2-Dibromoethane

Concen: 26.416 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

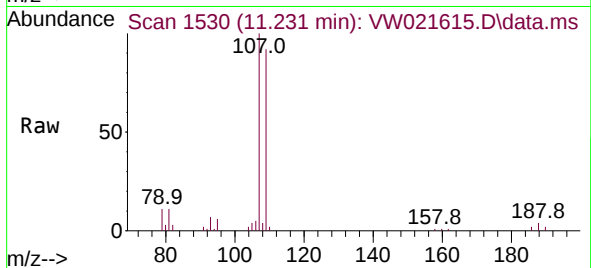
Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

ClientSampleId :



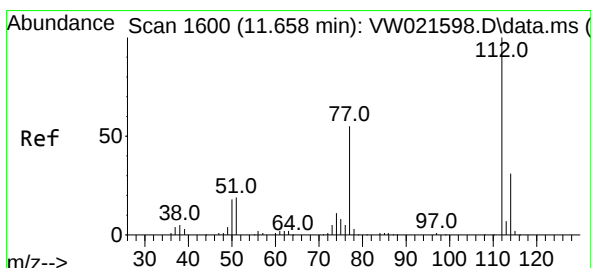
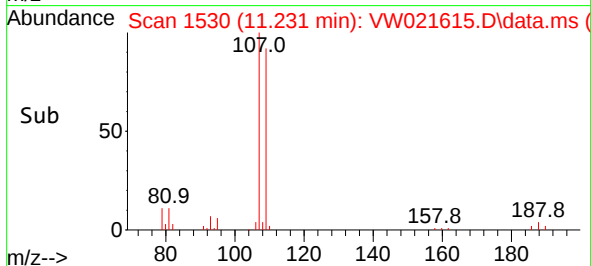
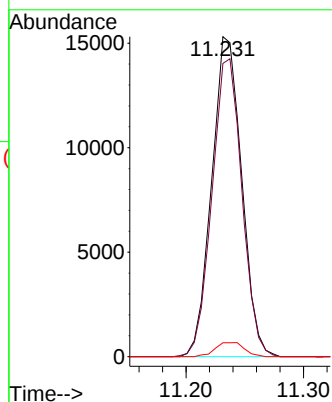
Tgt Ion:107 Resp: 27131

Ion Ratio Lower Upper

107 100

109 91.7 64.1 119.1

188 4.3 2.6 3.8#



#51

Chlorobenzene

Concen: 24.722 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

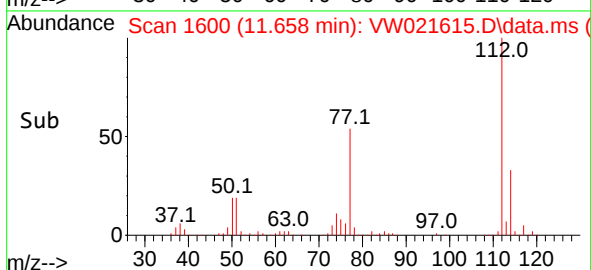
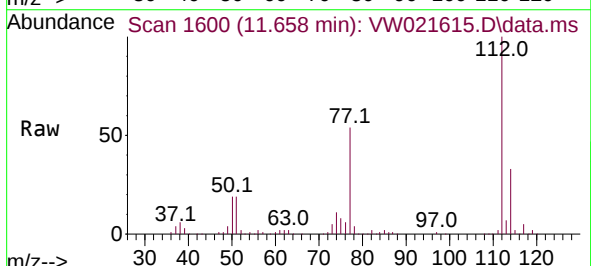
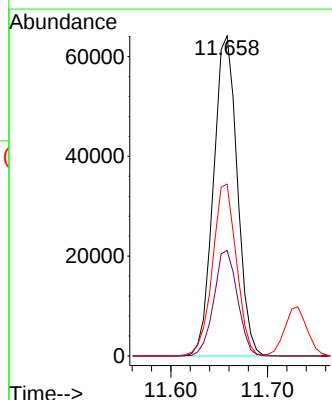
Tgt Ion:112 Resp: 109425

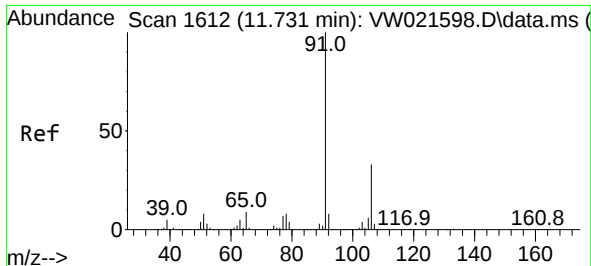
Ion Ratio Lower Upper

112 100

114 33.0 22.4 41.6

77 53.7 50.2 75.4

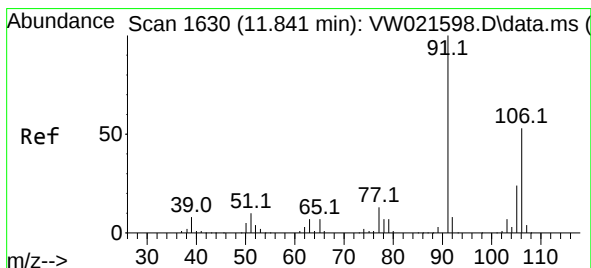
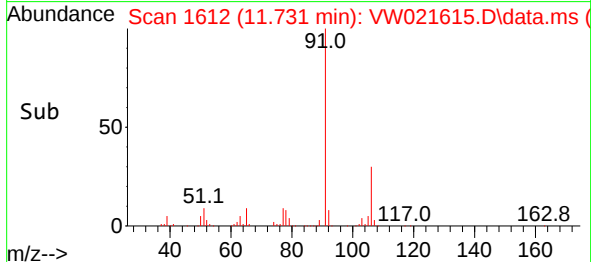
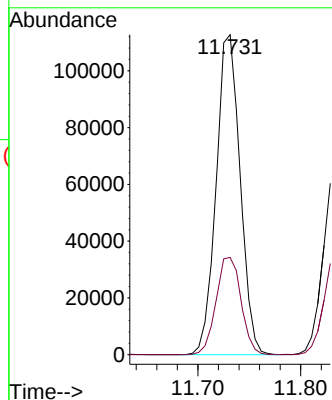
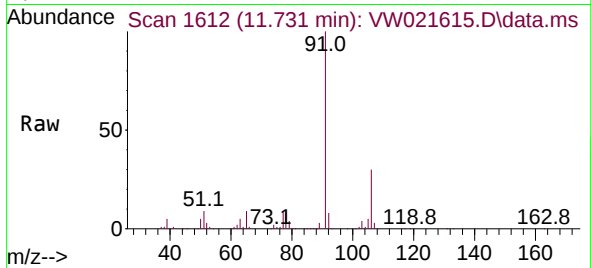




#52
Ethylbenzene
Concen: 24.158 ug/L
RT: 11.731 min Scan# 11731
Delta R.T. -0.000 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

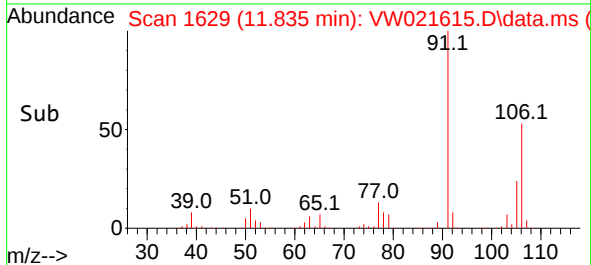
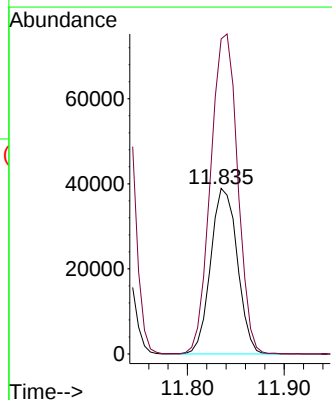
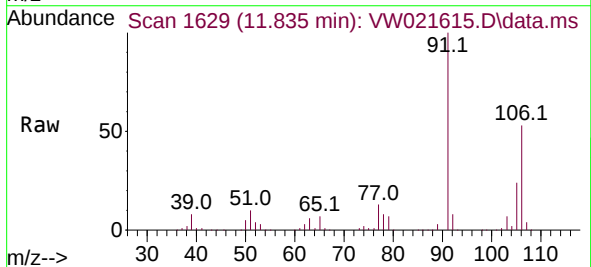
Instrument :
MSVOA_W
ClientSampleId :

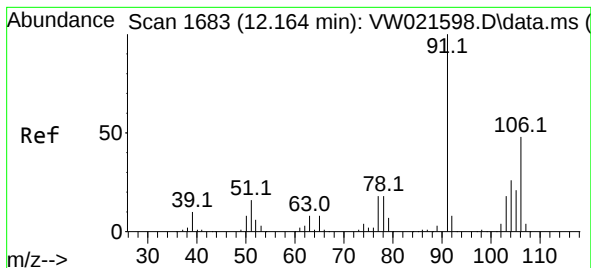
Tgt Ion: 91 Resp: 182519
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 24.477 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion:106 Resp: 74602
Ion Ratio Lower Upper
106 100
91 190.3 149.9 278.3





#54

o-Xylene

Concen: 24.242 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

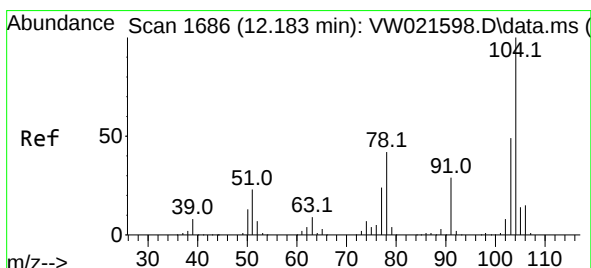
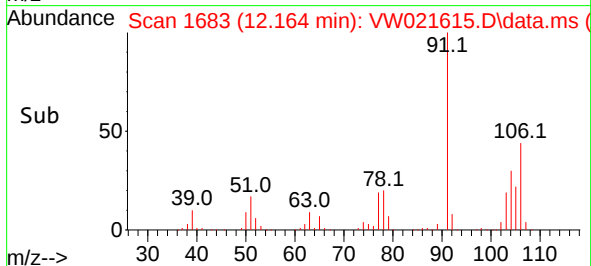
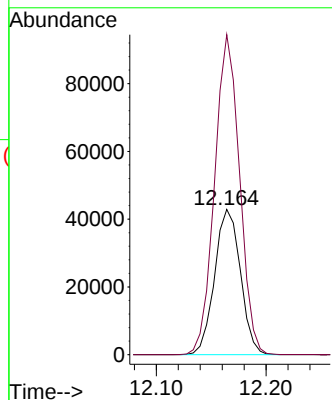
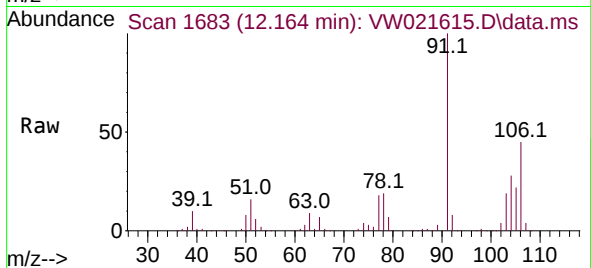
ClientSampleId :

Tgt Ion:106 Resp: 70121

Ion Ratio Lower Upper

106 100

91 220.3 153.6 285.3



#55

Styrene

Concen: 24.859 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW021615.D

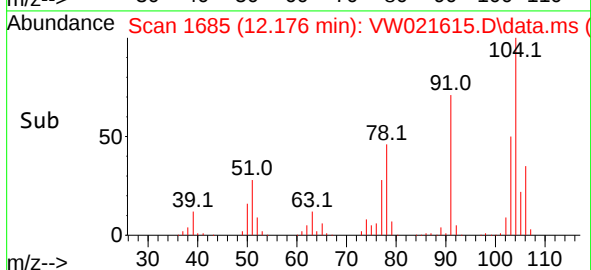
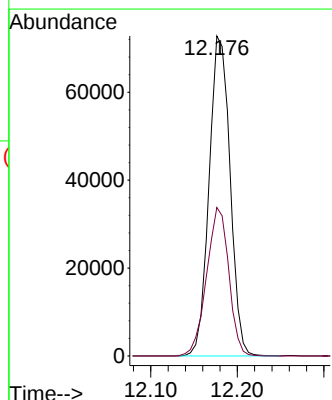
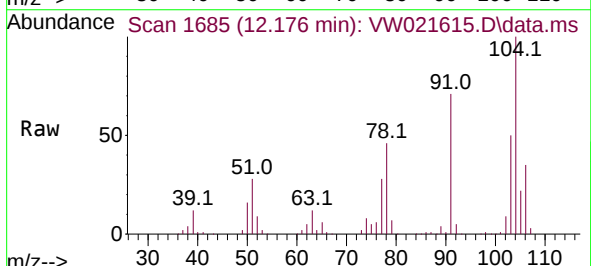
Acq: 23 Dec 2021 15:55

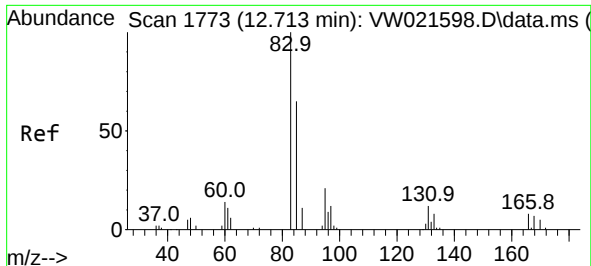
Tgt Ion:104 Resp: 122373

Ion Ratio Lower Upper

104 100

78 46.4 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 26.336 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021615.D

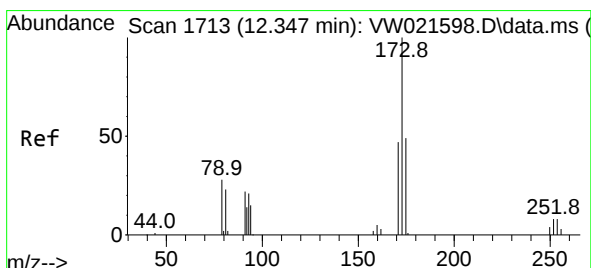
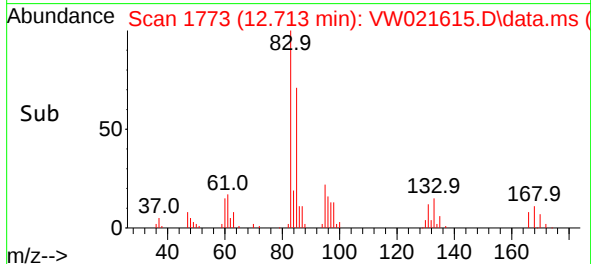
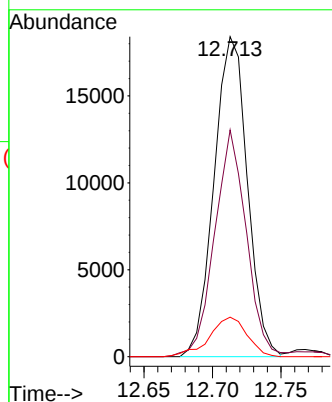
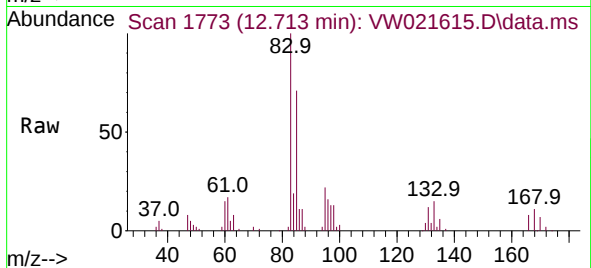
Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	31157
Ion Ratio	Lower	Upper	
83	100		
85	70.9	44.0	81.6
131	12.3	6.9	10.3



#59

Bromoform

Concen: 23.851 ug/L

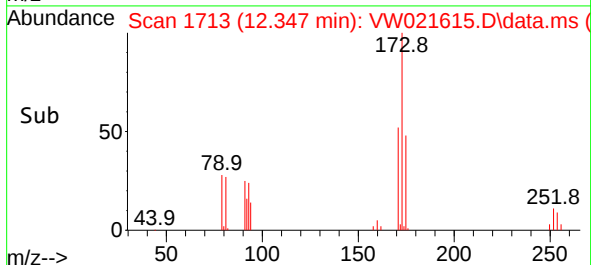
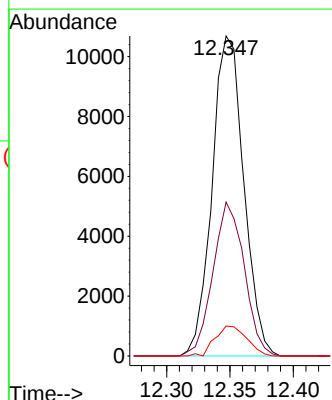
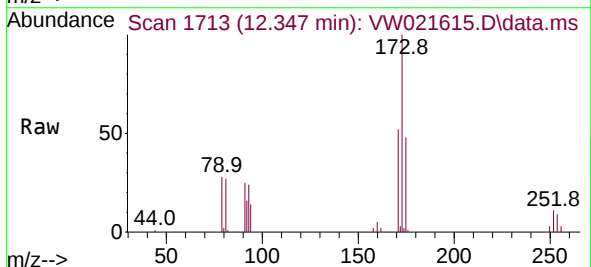
RT: 12.347 min Scan# 1713

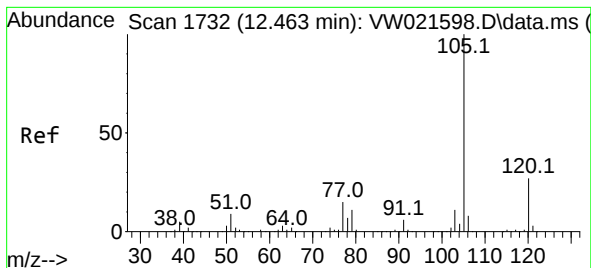
Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Tgt Ion:	173	Resp:	18643
Ion Ratio	Lower	Upper	
173	100		
175	47.3	39.6	59.4
254	9.2	7.4	11.0





#60

Isopropylbenzene

Concen: 22.472 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

ClientSampleId :

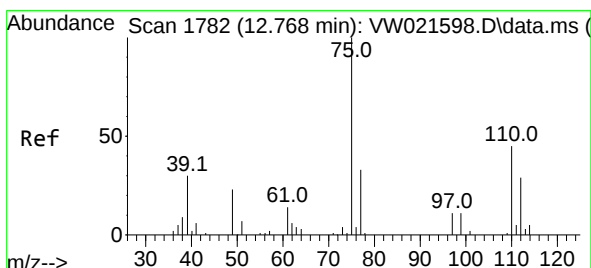
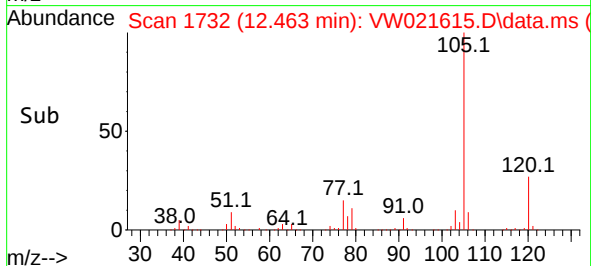
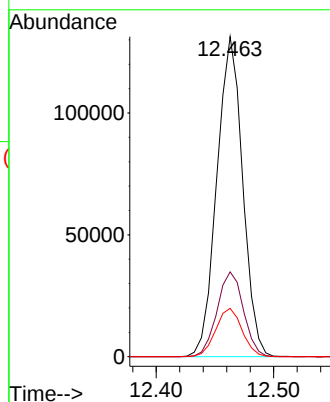
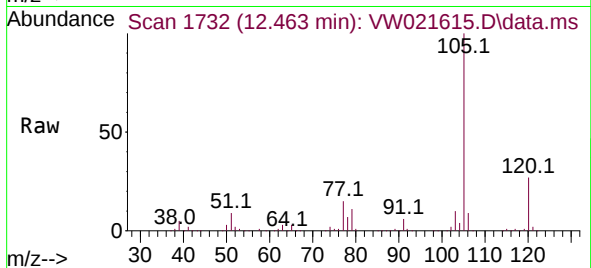
Tgt Ion:105 Resp: 200588

Ion Ratio Lower Upper

105 100

120 27.1 20.1 30.1

77 15.4 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 24.287 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

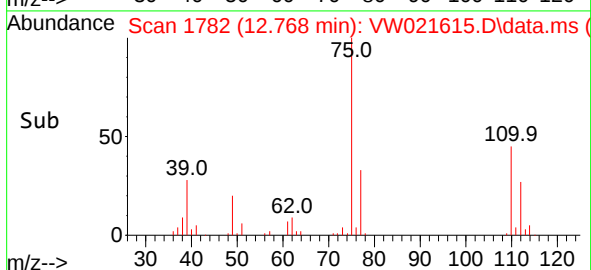
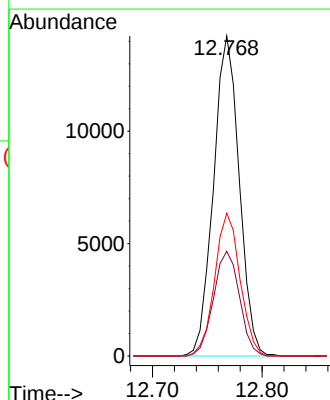
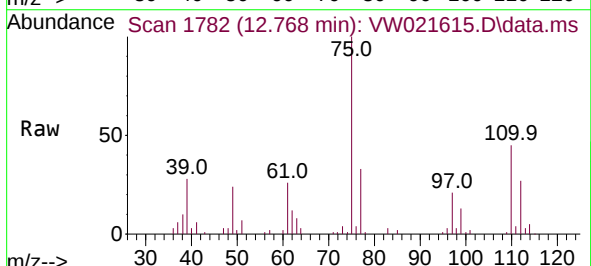
Tgt Ion: 75 Resp: 23220

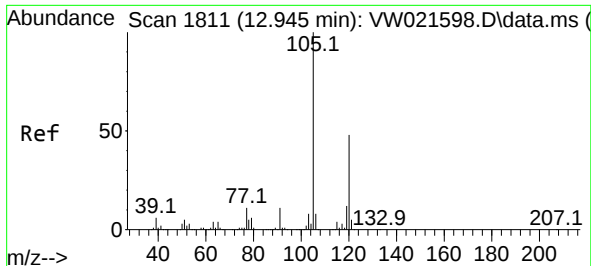
Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.8

110 44.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.698 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

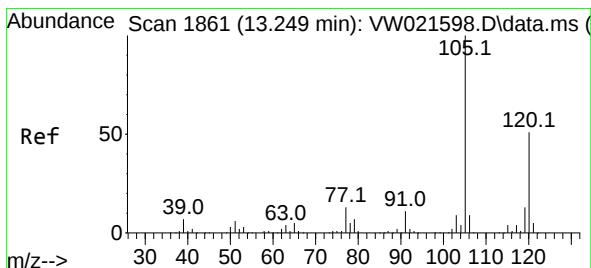
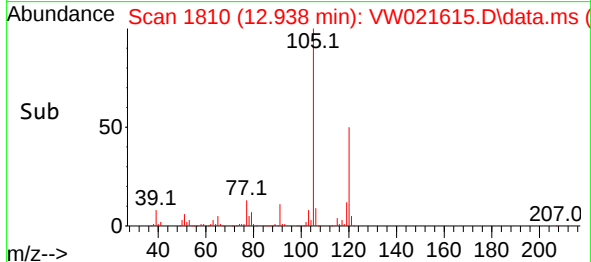
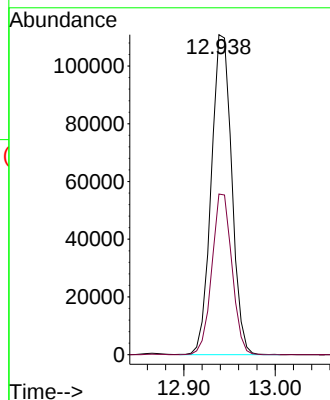
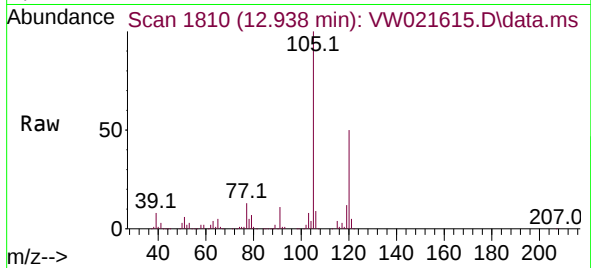
ClientSampleId :

Tgt Ion:105 Resp: 172407

Ion Ratio Lower Upper

105 100

120 49.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.928 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021615.D

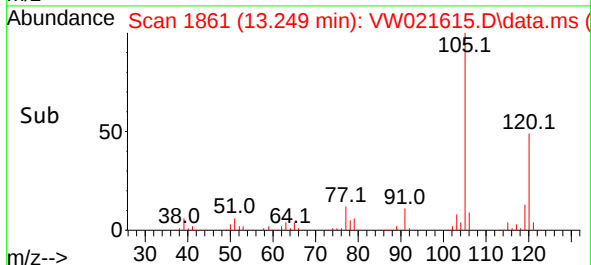
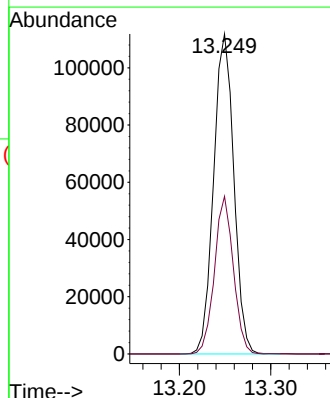
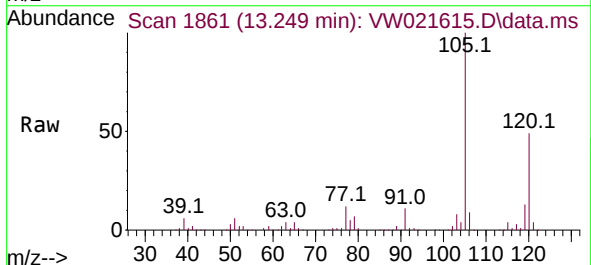
Acq: 23 Dec 2021 15:55

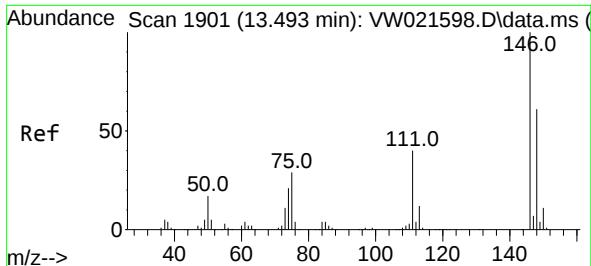
Tgt Ion:105 Resp: 171801

Ion Ratio Lower Upper

105 100

120 46.0 35.0 52.6

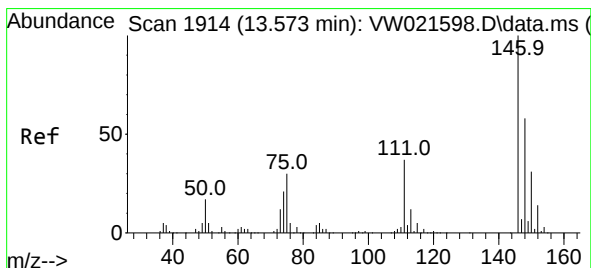
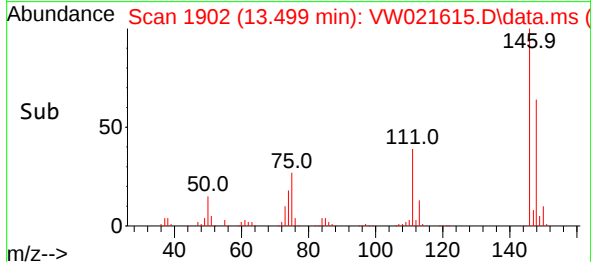
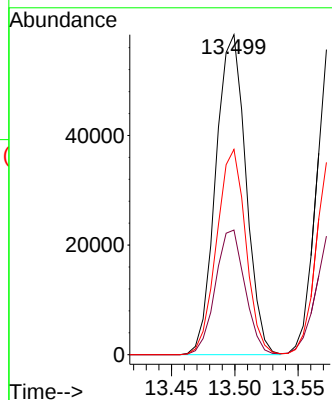
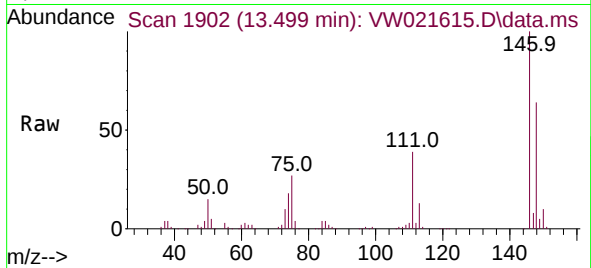




#64
1,3-Dichlorobenzene
Concen: 22.975 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

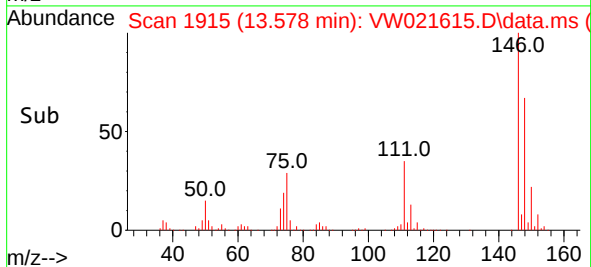
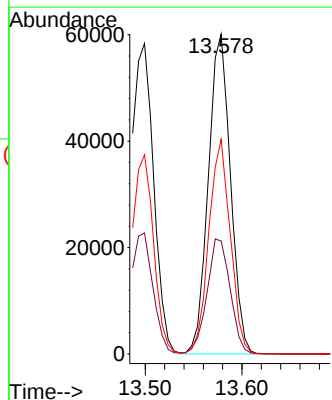
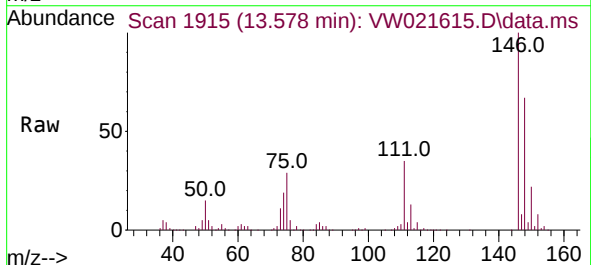
Instrument :
MSVOA_W
ClientSampleId :

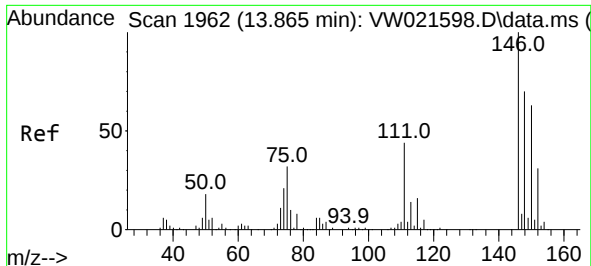
Tgt Ion:146 Resp: 96732
Ion Ratio Lower Upper
146 100
111 38.9 29.8 55.3
148 64.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.907 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021615.D
Acq: 23 Dec 2021 15:55

Tgt Ion:146 Resp: 95822
Ion Ratio Lower Upper
146 100
111 35.3 29.0 53.9
148 67.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.723 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

ClientSampleId :

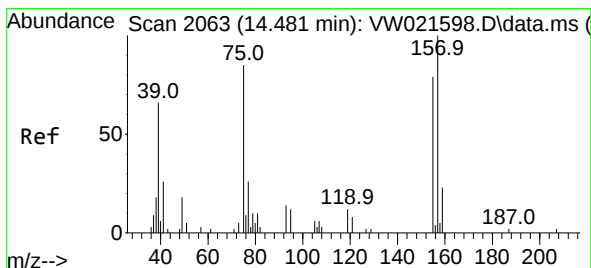
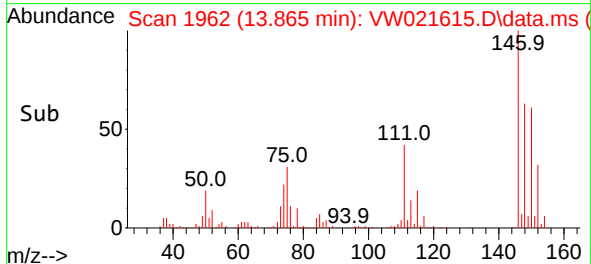
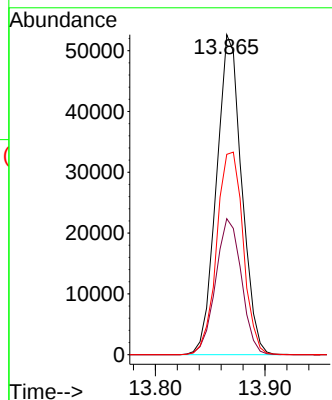
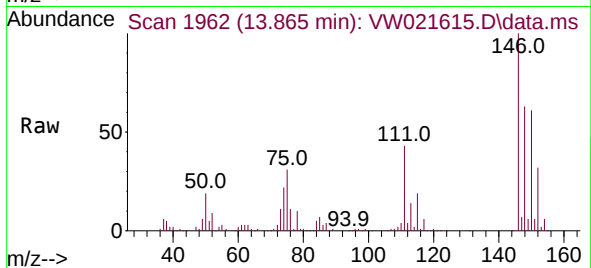
Tgt Ion:146 Resp: 84228

Ion Ratio Lower Upper

146 100

111 42.5 33.1 49.7

148 62.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.244 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

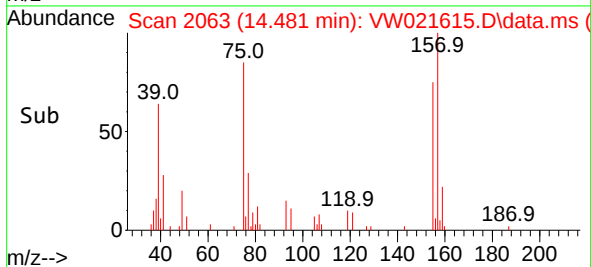
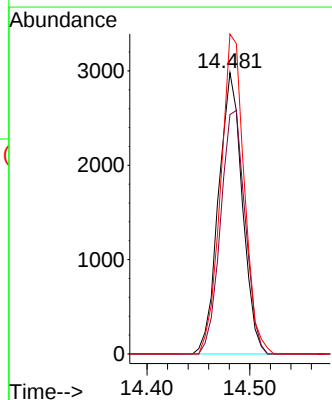
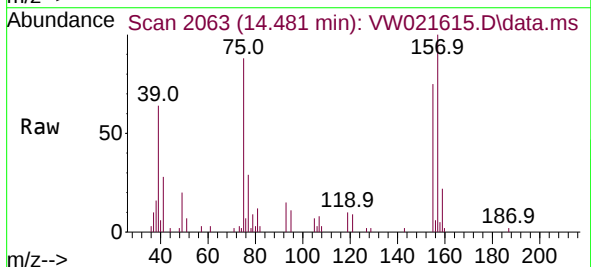
Tgt Ion: 75 Resp: 4781

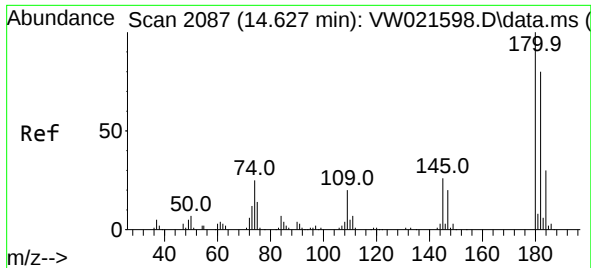
Ion Ratio Lower Upper

75 100

155 85.1 54.2 81.2#

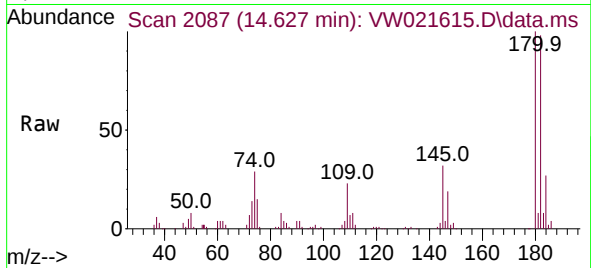
157 113.8 69.4 104.2#



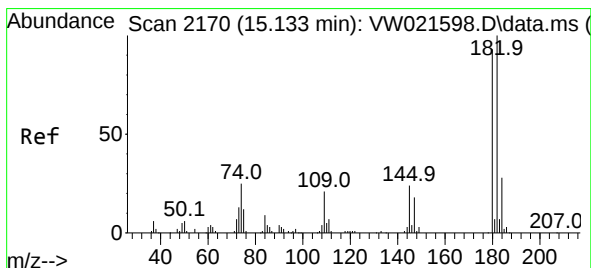
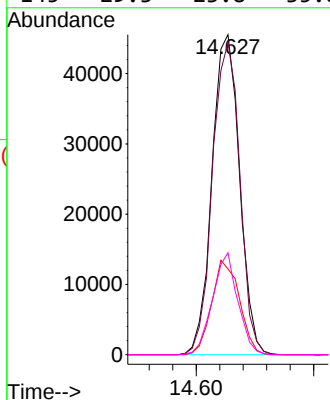
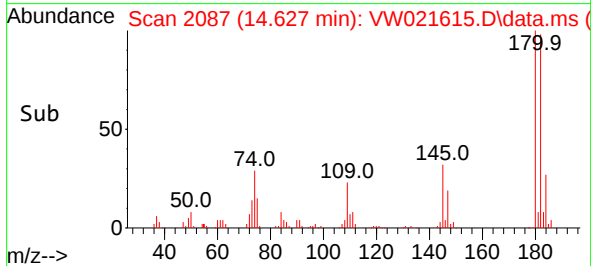


#69
 1,3,5-Trichlorobenzene
 Concen: 23.553 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55

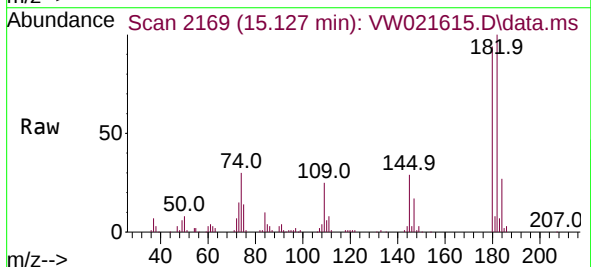
Instrument :
 MSVOA_W
 ClientSampleId :



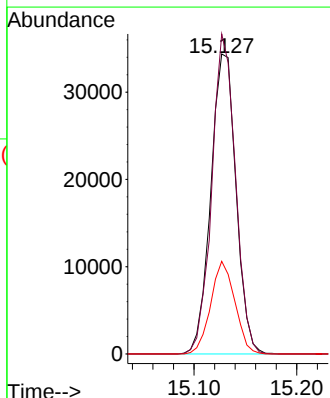
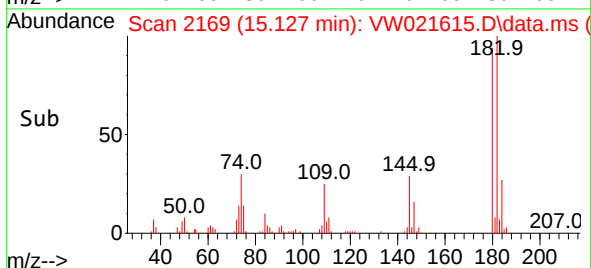
Tgt Ion:180 Resp: 74117
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.4 113.0
 184 29.7 23.8 35.8
 145 29.3 23.8 35.8

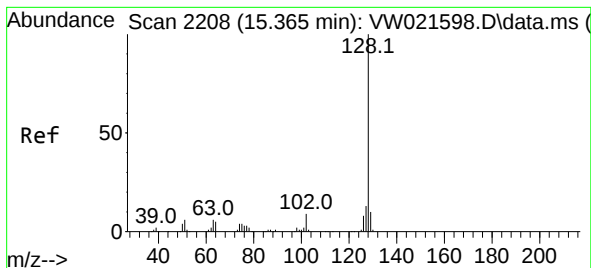


#70
 1,2,4-trichlorobenzene
 Concen: 23.195 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW021615.D
 Acq: 23 Dec 2021 15:55



Tgt Ion:180 Resp: 58710
 Ion Ratio Lower Upper
 180 100
 182 99.6 79.0 118.6
 145 29.6 26.0 39.0





#71

Naphthalene

Concen: 24.939 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Instrument :

MSVOA_W

ClientSampleId :

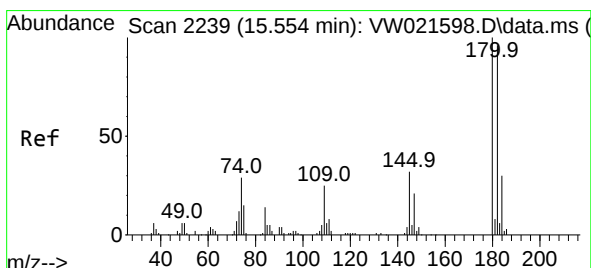
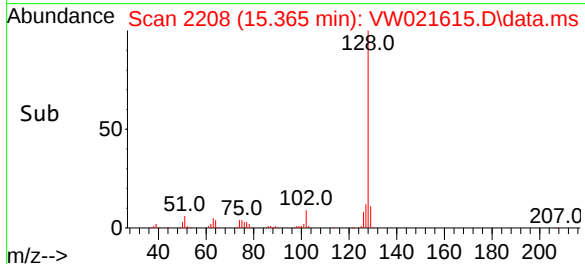
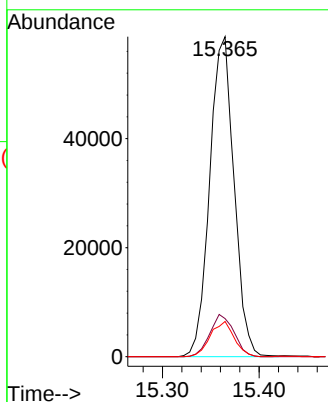
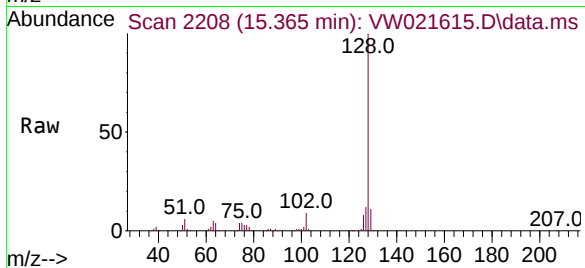
Tgt Ion:128 Resp: 102552

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.084 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021615.D

Acq: 23 Dec 2021 15:55

Tgt Ion:180 Resp: 50379

Ion Ratio Lower Upper

180 100

182 95.5 76.6 114.8

145 31.6 27.4 41.0

