

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042822\
 Data File : VW022657.D
 Acq On : 28 Apr 2022 11:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 01:04:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 28 01:10:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	318073	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	307297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129853	18.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.880%
7) Chloroethane-d5	2.885	69	96076	21.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	4.019	63	212392	23.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.160%
21) 2-Butanone-d5	7.074	46	65774	53.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.160%
24) Chloroform-d	7.647	84	249308	25.077	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.320%
26) 1,2-Dichloroethane-d4	8.305	65	131016	23.064	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.240%
32) Benzene-d6	8.275	84	467096	24.879	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.520%
36) 1,2-Dichloropropane-d6	9.274	67	132692	24.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	10.323	98	442456	24.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.240%
43) trans-1,3-Dichloroprop...	10.579	79	60143	23.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.840%
47) 2-Hexanone-d5	10.920	63	54171	53.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127387	27.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	160761	25.119	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	31264	20.051	ug/L	96
3) Chloromethane	2.221	50	81230	20.895	ug/L	98
5) Vinyl chloride	2.361	62	169448	20.890	ug/L	97
6) Bromomethane	2.782	94	97159	19.704	ug/L	97
8) Chloroethane	2.922	64	84407	23.768	ug/L	100
9) Trichlorofluoromethane	3.257	101	92302	30.821	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	129607	27.179	ug/L	93
12) 1,1-Dichloroethene	4.038	96	112186	26.195	ug/L	95
13) Acetone	4.123	43	49366	59.061	ug/L	90
14) Carbon disulfide	4.385	76	272431	19.337	ug/L	98
15) Methyl Acetate	4.672	43	52730	25.139	ug/L	93
16) Methylene chloride	4.915	84	129277	27.011	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	123576	24.632	ug/L	93
18) Methyl tert-butyl Ether	5.421	73	219926	26.841	ug/L	95
19) 1,1-Dichloroethane	6.220	63	225566	24.641	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	142348	26.865	ug/L #	88
22) 2-Butanone	7.165	43	71527	56.659	ug/L	95
23) Bromochloromethane	7.513	128	65379	28.670	ug/L	85
25) Chloroform	7.677	83	252627	26.202	ug/L	100

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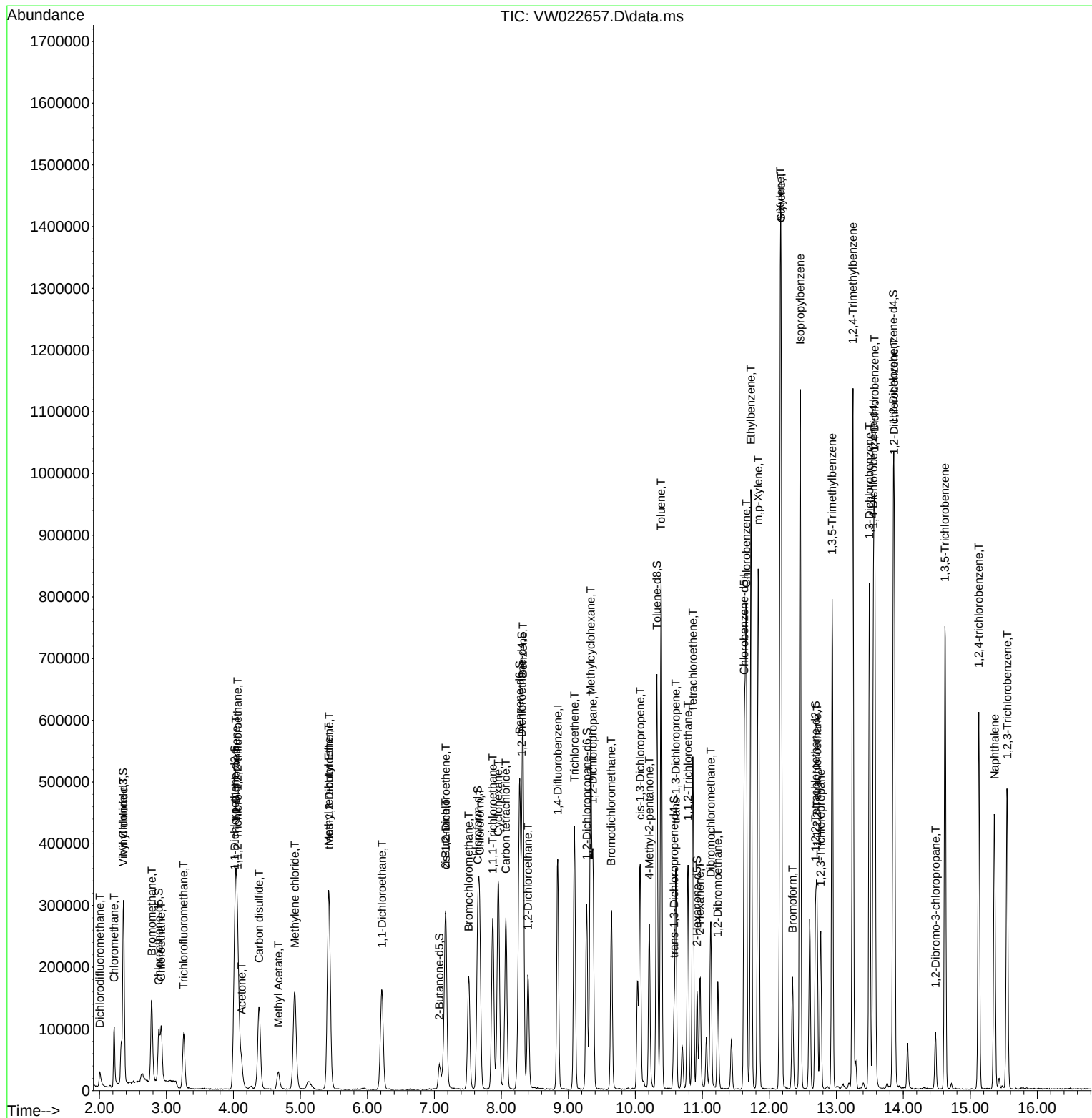
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	162886	24.037	ug/L #	94
29) Cyclohexane	7.951	56	187250	21.290	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	223857	26.261	ug/L	96
31) Carbon tetrachloride	8.067	117	204884	26.779	ug/L	100
33) Benzene	8.323	78	523133	25.074	ug/L	100
34) Trichloroethene	9.091	95	144445	25.857	ug/L	98
35) Methylcyclohexane	9.335	83	233416	23.289	ug/L	94
37) 1,2-Dichloropropane	9.366	63	130047	26.019	ug/L	99
38) Bromodichloromethane	9.640	83	189063	26.304	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	209200	26.377	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	167022	54.756	ug/L #	95
42) Toluene	10.384	91	605354	25.321	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	186638	26.281	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	110669	29.012	ug/L	98
46) Tetrachloroethene	10.859	164	106394	25.910	ug/L	96
48) 2-Hexanone	10.963	43	113946	52.951	ug/L	95
49) Dibromochloromethane	11.128	129	138438	30.430	ug/L	96
50) 1,2-Dibromoethane	11.231	107	108857	28.900	ug/L	99
51) Chlorobenzene	11.658	112	403150	27.595	ug/L	95
52) Ethylbenzene	11.725	91	687212	25.645	ug/L	95
53) m,p-Xylene	11.835	106	274171	26.908	ug/L	89
54) o-Xylene	12.164	106	262642	26.974	ug/L	92
55) Styrene	12.176	104	449183	27.002	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	136926	29.245	ug/L	98
59) Bromoform	12.347	173	74650	27.803	ug/L	100
60) Isopropylbenzene	12.463	105	741611	24.708	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	98837	25.714	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	413187	25.031	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	620722	24.728	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	326437	26.797	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	319852	26.327	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	291974	26.801	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	21768	24.419	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	217621	27.381	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	177586	26.604	ug/L	94
71) Naphthalene	15.365	128	384688	27.324	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	151006	26.466	ug/L	96

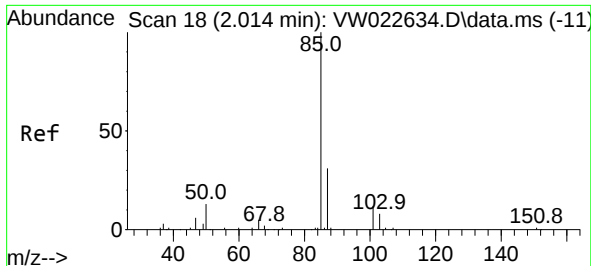
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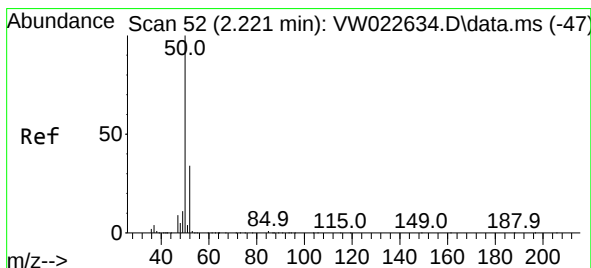
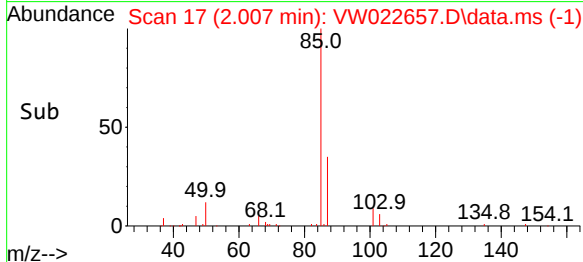
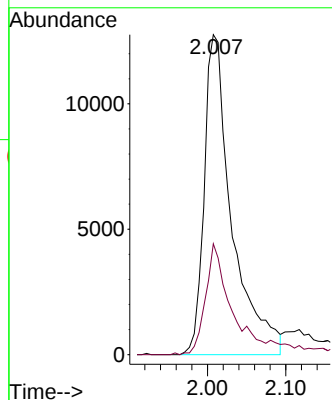
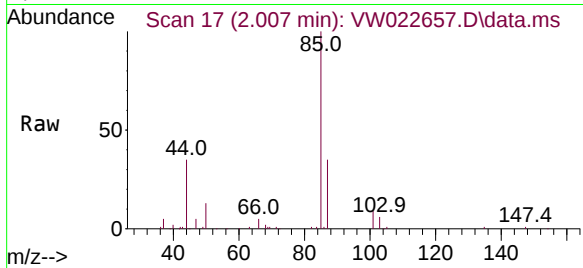




#2
 Dichlorodifluoromethane
 Concen: 20.051 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW022657.D
 Acq: 28 Apr 2022 11:00

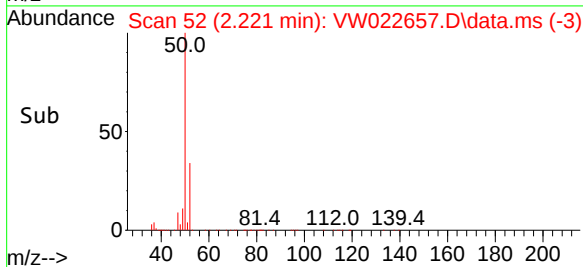
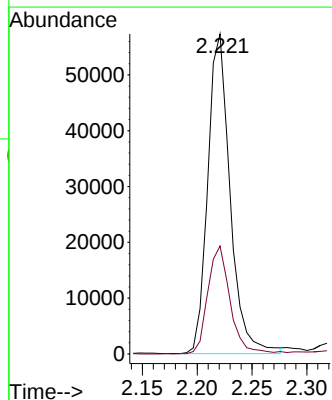
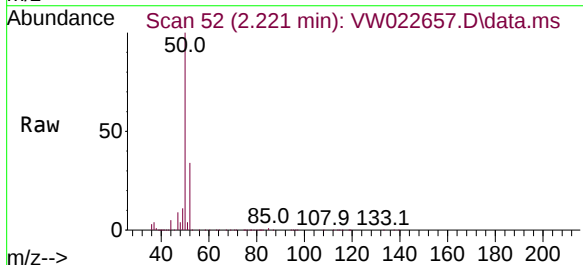
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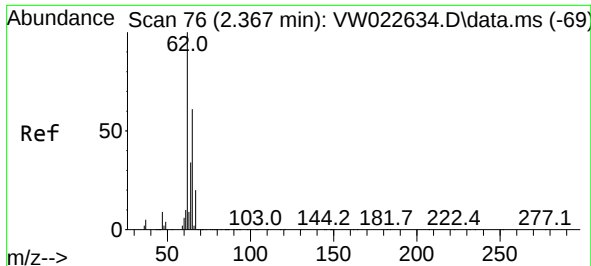
Tgt Ion: 85 Resp: 31264
 Ion Ratio Lower Upper
 85 100
 87 27.4 23.7 35.5



#3
 Chloromethane
 Concen: 20.895 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022657.D
 Acq: 28 Apr 2022 11:00

Tgt Ion: 50 Resp: 81230
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.6

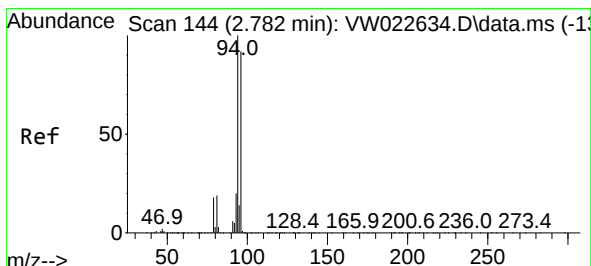
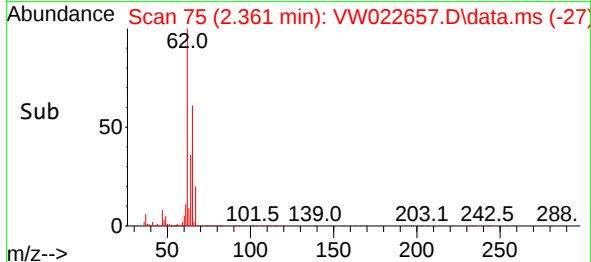
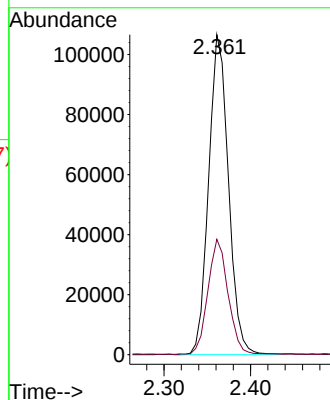
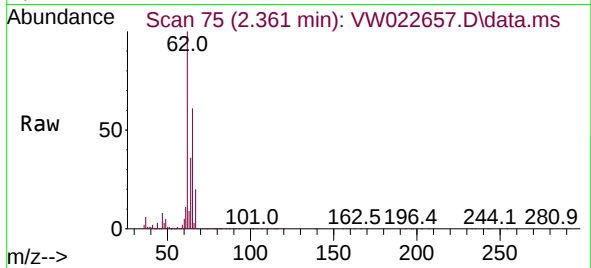




#5
 Vinyl chloride
 Concen: 20.890 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW022657.D
 Acq: 28 Apr 2022 11:00

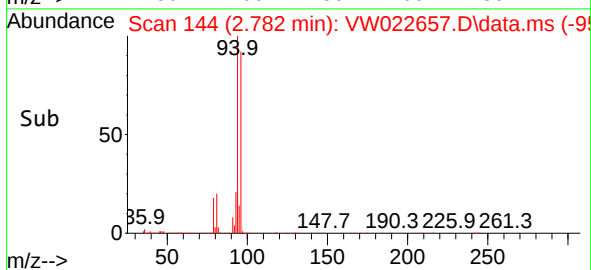
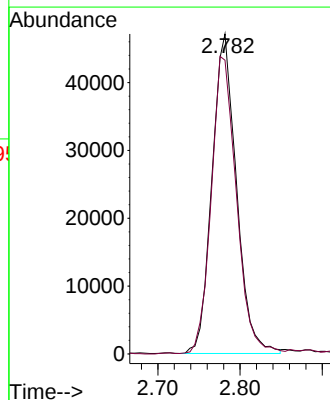
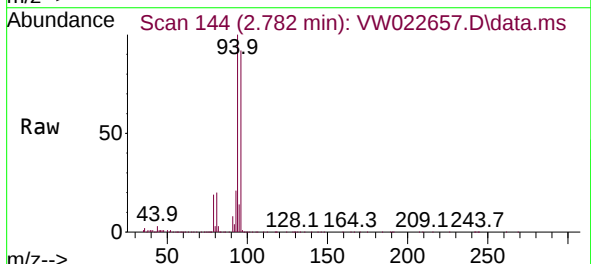
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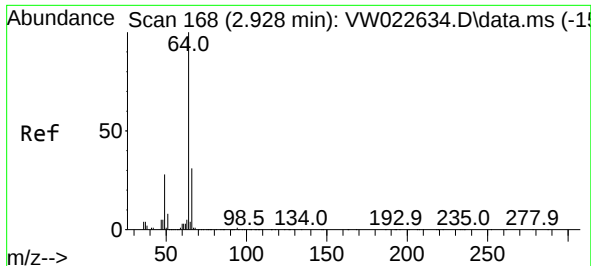
Tgt Ion: 62 Resp: 169448
 Ion Ratio Lower Upper
 62 100
 64 36.0 26.5 49.3



#6
 Bromomethane
 Concen: 19.704 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022657.D
 Acq: 28 Apr 2022 11:00

Tgt Ion: 94 Resp: 97159
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.6 123.6

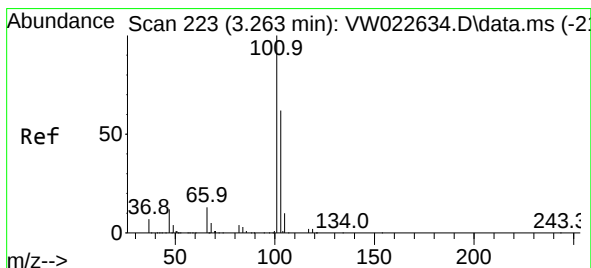
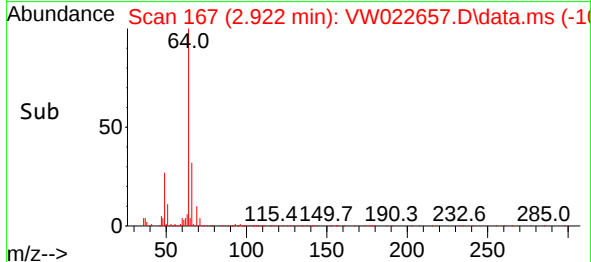
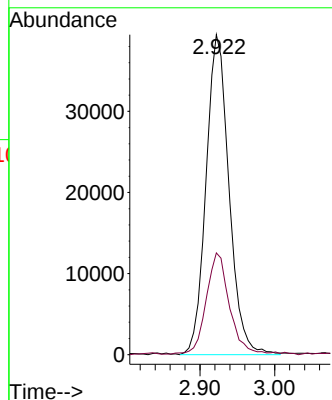
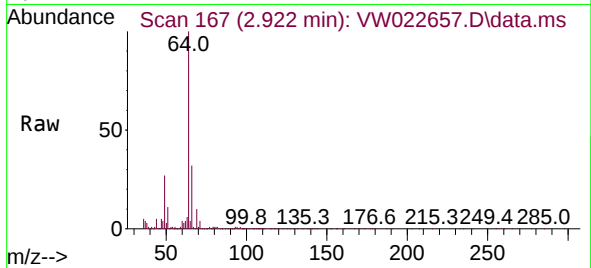




#8
Chloroethane
Concen: 23.768 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

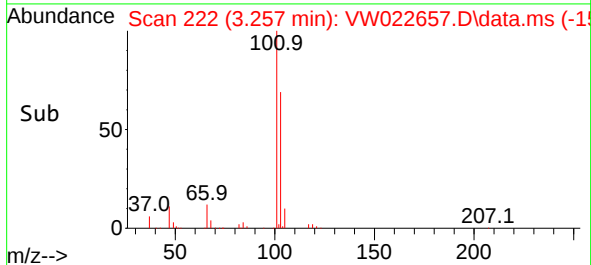
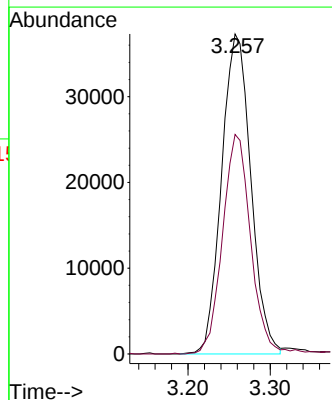
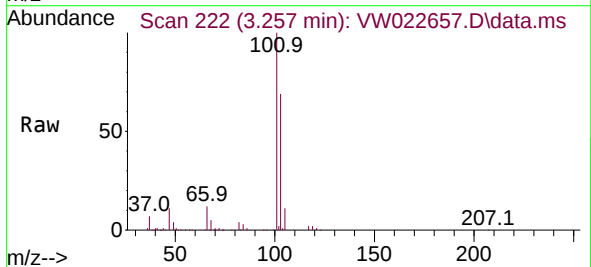
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MSVOA_W
ClientSampleId :

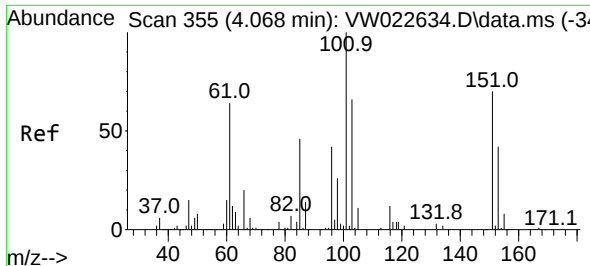
Tgt Ion: 64 Resp: 84407
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 30.821 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 101 Resp: 92302
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

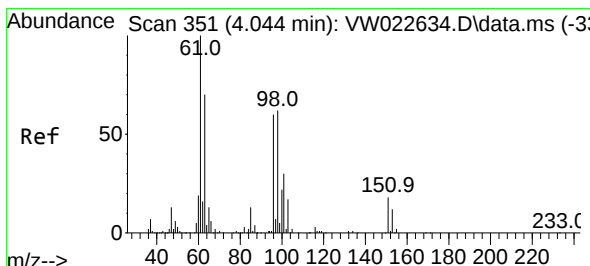
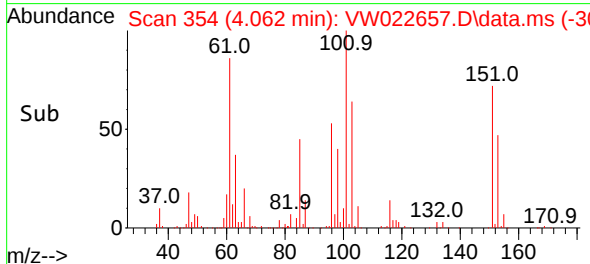
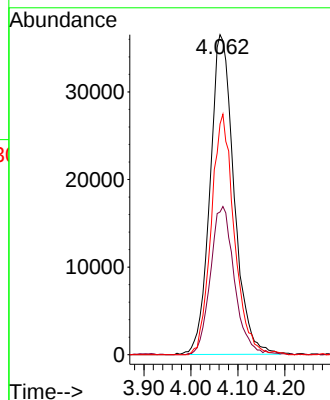
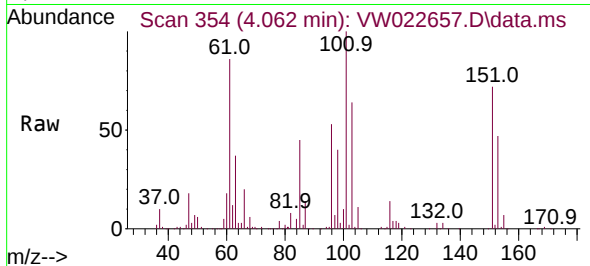




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.179 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022657.D
 Acq: 28 Apr 2022 11:00

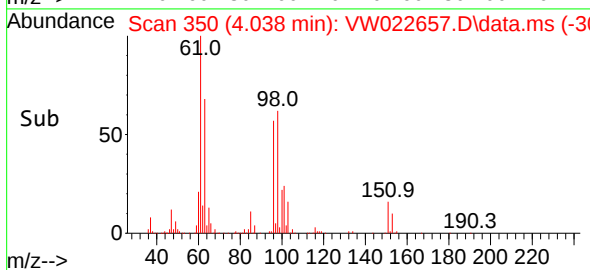
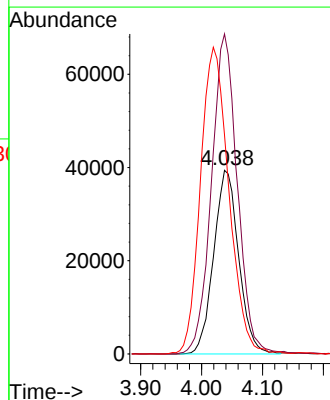
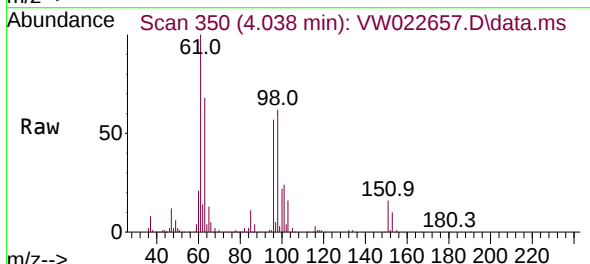
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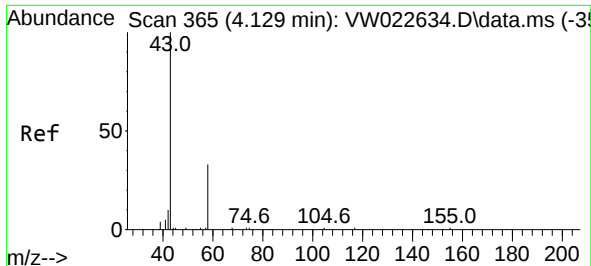
Tgt Ion:101 Resp: 129607
 Ion Ratio Lower Upper
 101 100
 85 45.9 39.2 58.8
 151 71.9 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 26.195 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022657.D
 Acq: 28 Apr 2022 11:00

Tgt Ion: 96 Resp: 112186
 Ion Ratio Lower Upper
 96 100
 61 174.2 128.0 237.6
 63 119.2 86.6 160.8

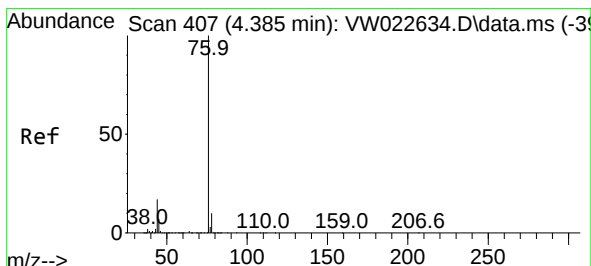
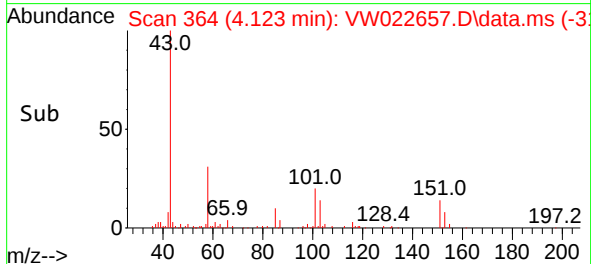
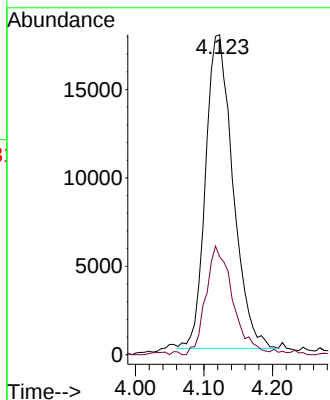
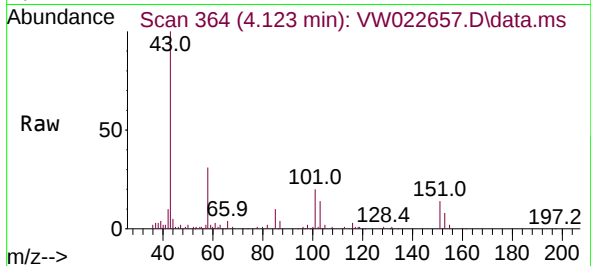




#13
Acetone
Concen: 59.061 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

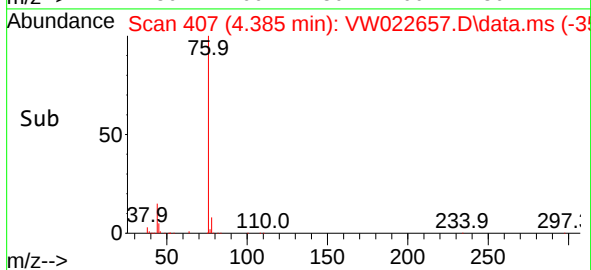
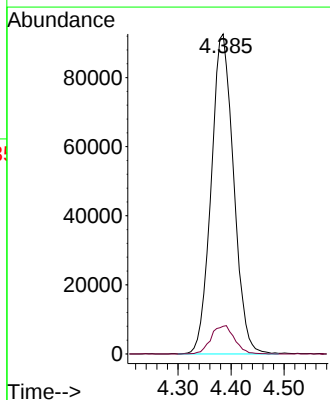
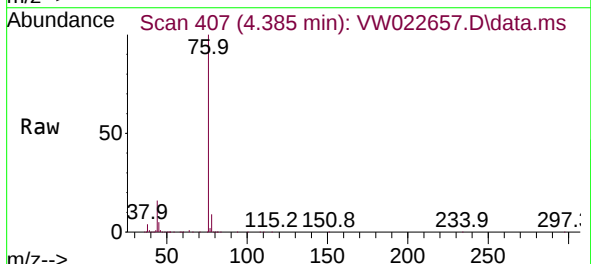
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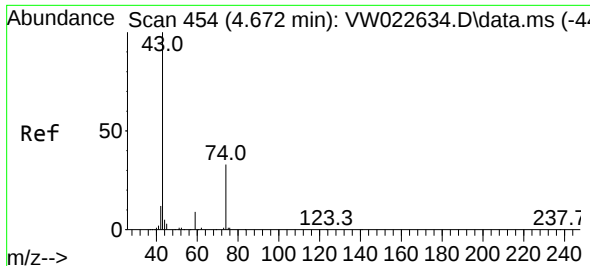
Tgt Ion: 43 Resp: 49366
Ion Ratio Lower Upper
43 100
58 34.0 0.0 57.0



#14
Carbon disulfide
Concen: 19.337 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 76 Resp: 272431
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

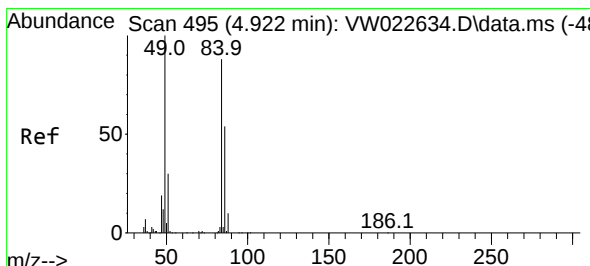
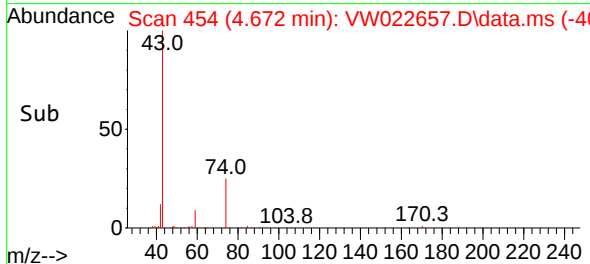
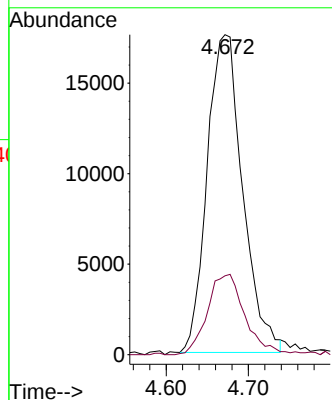
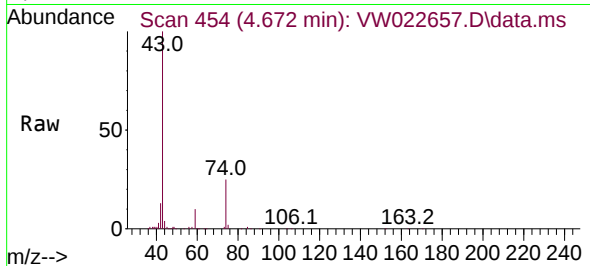




#15
Methyl Acetate
Concen: 25.139 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

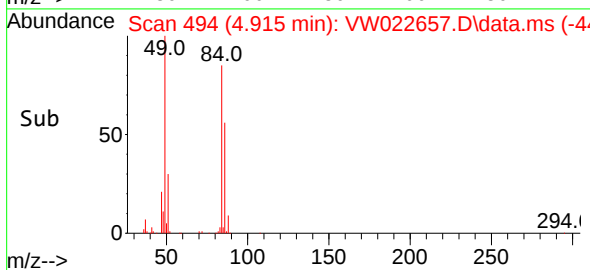
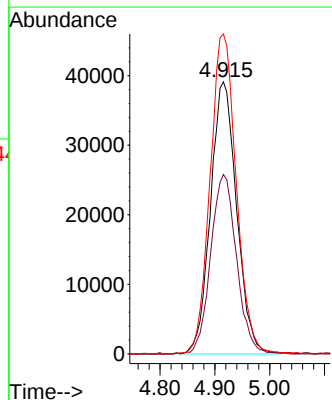
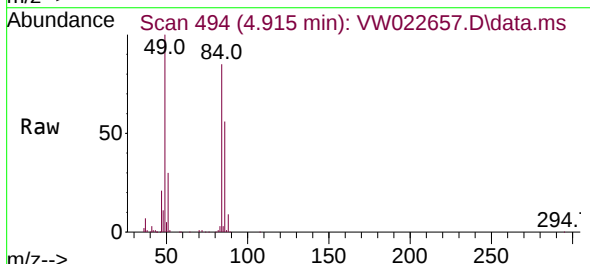
Instrument :
MSVOA_W
ClientSampleId :

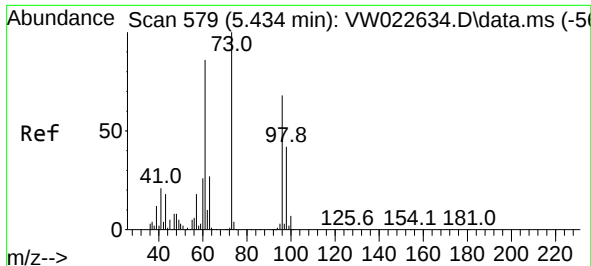
Tgt Ion: 43 Resp: 52730
Ion Ratio Lower Upper
43 100
74 26.5 18.5 27.7



#16
Methylene chloride
Concen: 27.011 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 84 Resp: 129277
Ion Ratio Lower Upper
84 100
86 66.0 42.8 79.4
49 117.6 94.2 175.0

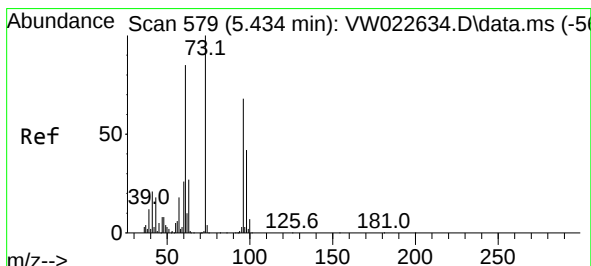
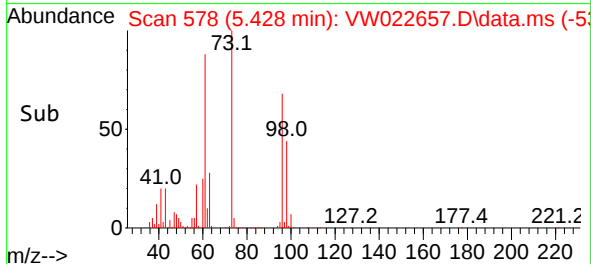
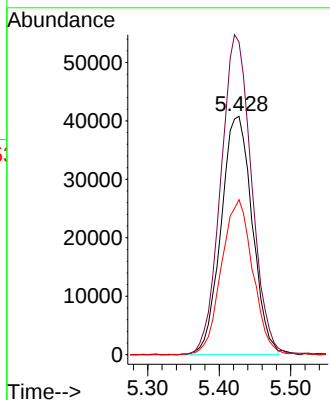
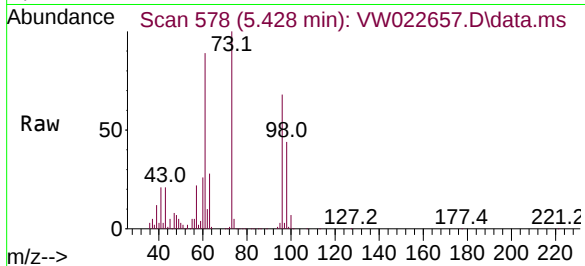




#17
trans-1,2-Dichloroethene
Concen: 24.632 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

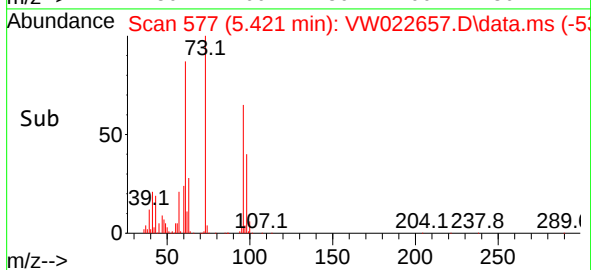
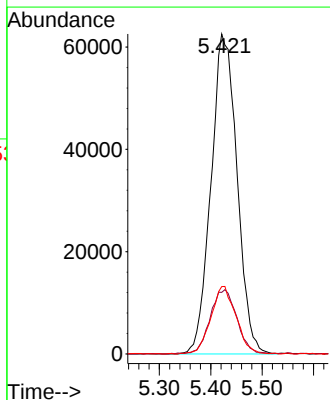
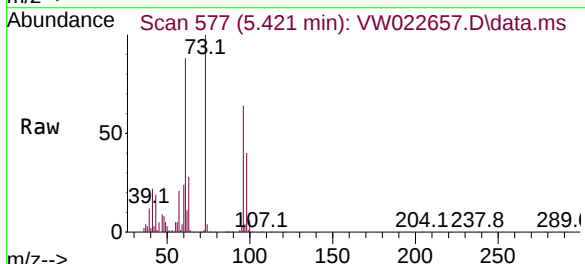
Instrument :
MSVOA_W
ClientSampleId :

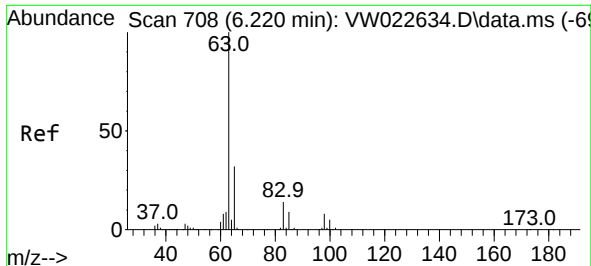
Tgt Ion: 96 Resp: 123576
Ion Ratio Lower Upper
96 100
61 131.2 99.8 185.4
98 65.0 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.841 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 73 Resp: 219926
Ion Ratio Lower Upper
73 100
43 20.6 18.8 28.2
57 20.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.641 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

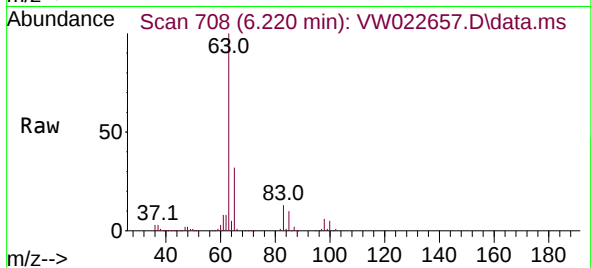
Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :



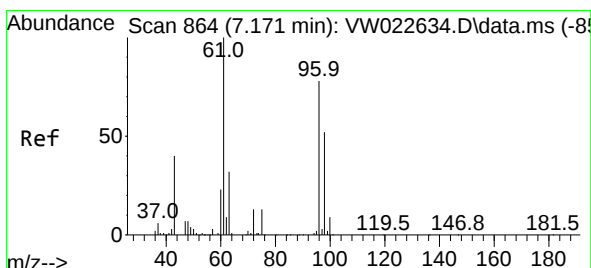
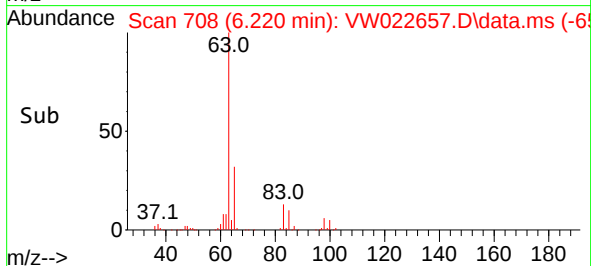
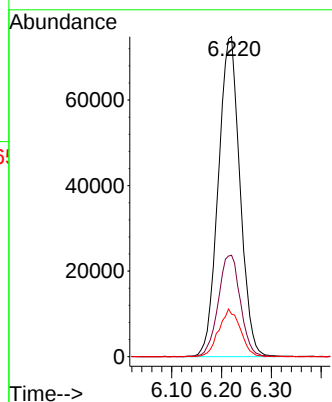
Tgt Ion: 63 Resp: 225566

Ion Ratio Lower Upper

63 100

65 31.7 21.1 39.3

83 13.3 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 26.865 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

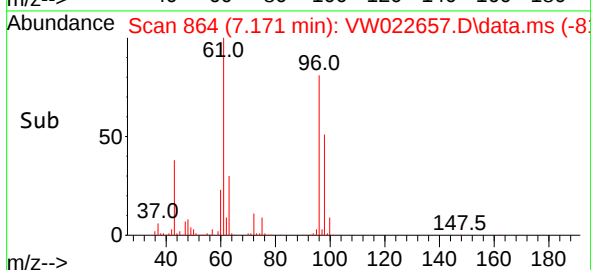
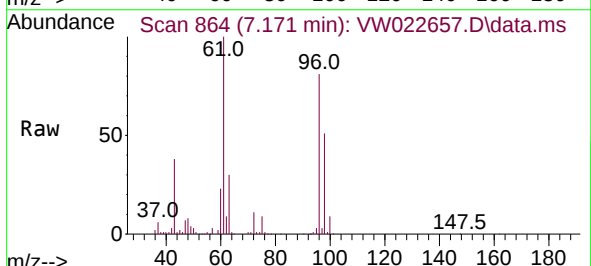
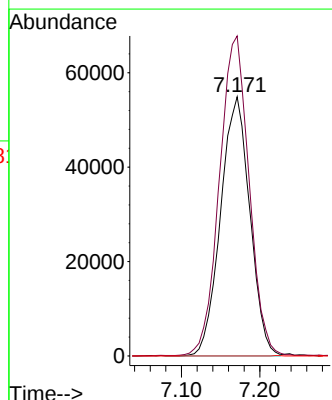
Tgt Ion: 96 Resp: 142348

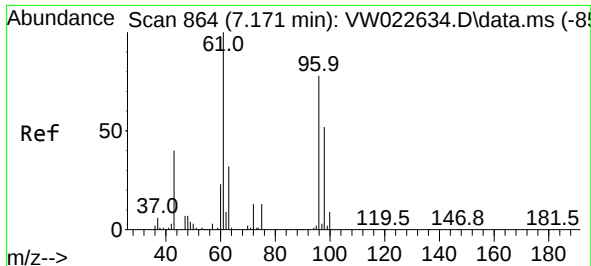
Ion Ratio Lower Upper

96 100

61 123.5 96.4 179.0

68 0.0 0.1 0.3

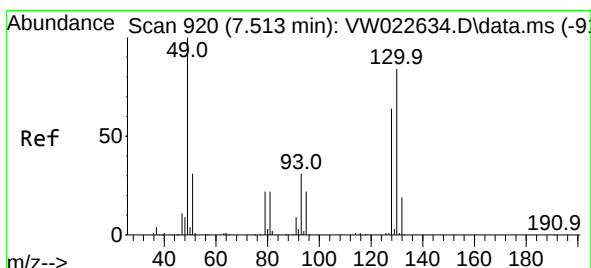
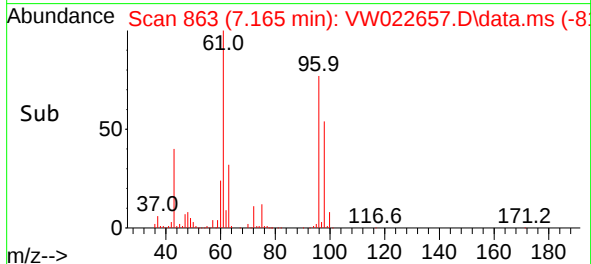
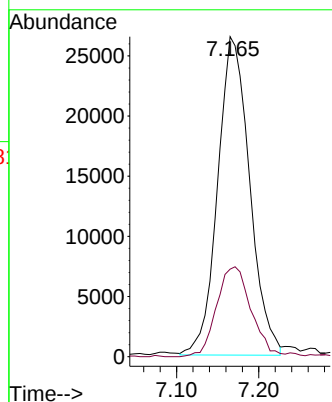
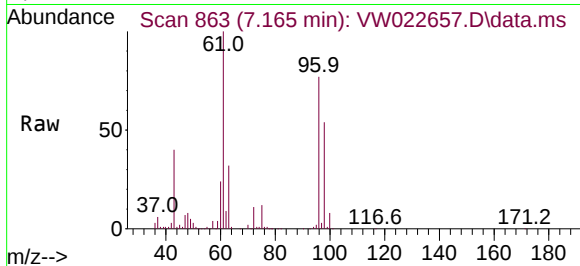




#22
2-Butanone
Concen: 56.659 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

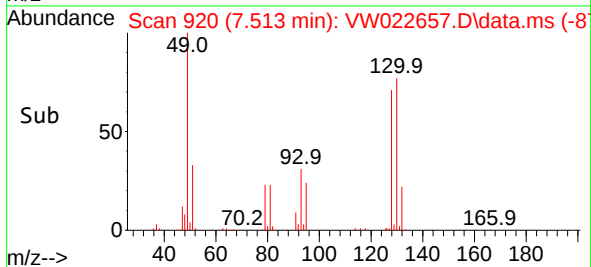
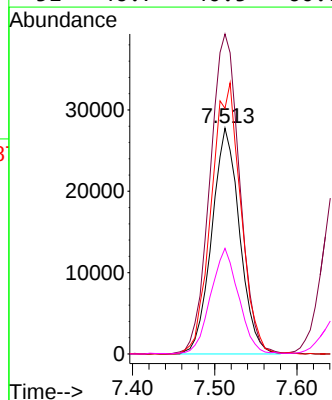
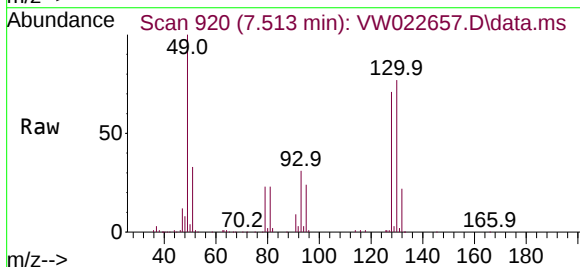
Instrument :
MSVOA_W
ClientSampleId :

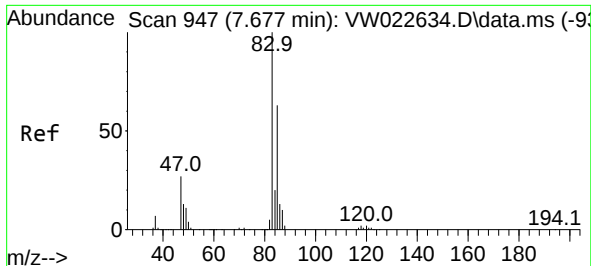
Tgt Ion: 43 Resp: 71527
Ion Ratio Lower Upper
43 100
72 30.4 14.0 42.0



#23
Bromochloromethane
Concen: 28.670 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 128 Resp: 65379
Ion Ratio Lower Upper
128 100
49 141.7 120.8 224.3
130 108.8 81.8 151.8
51 46.7 40.5 60.7

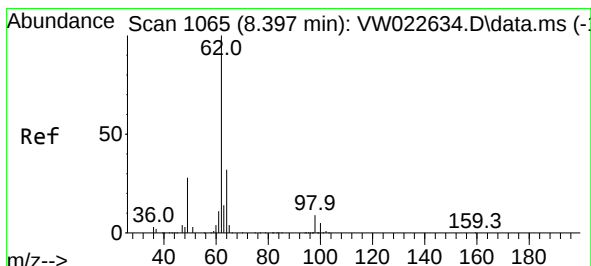
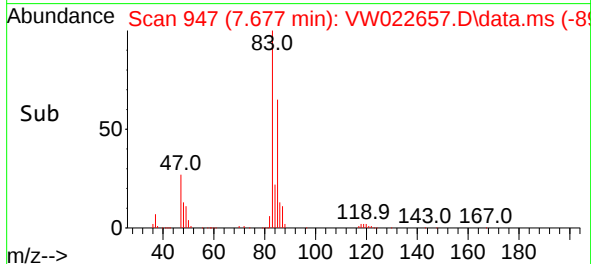
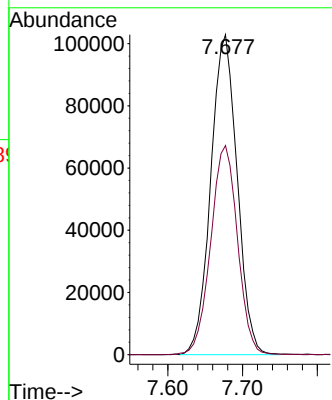
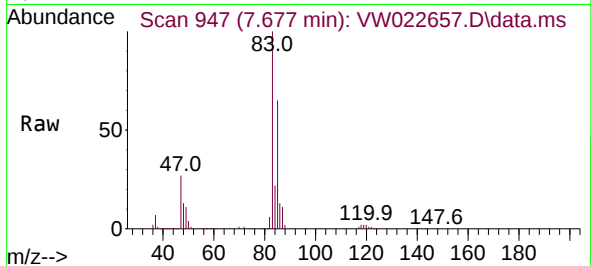




#25
Chloroform
Concen: 26.202 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

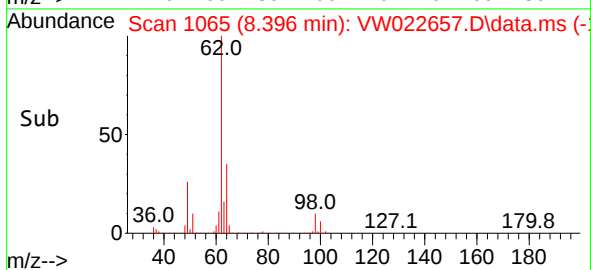
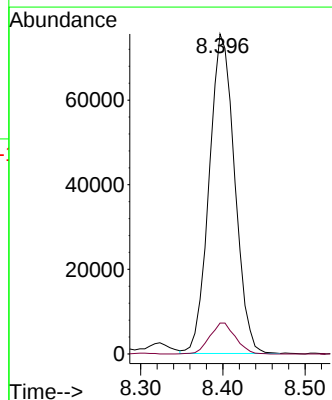
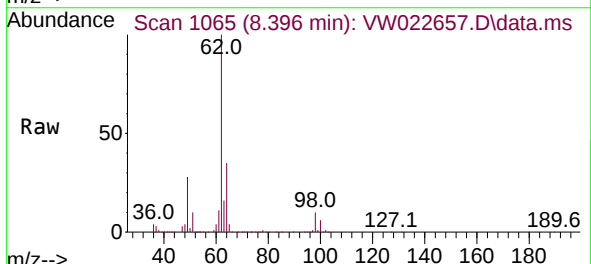
Instrument :
MSVOA_W
ClientSampleId :

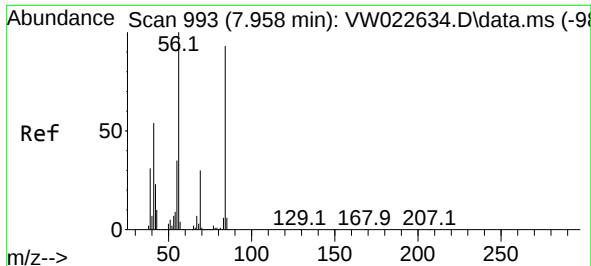
Tgt Ion: 83 Resp: 252627
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.037 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 62 Resp: 162886
Ion Ratio Lower Upper
62 100
98 9.7 6.2 9.2#





#29

Cyclohexane

Concen: 21.290 ug/L

RT: 7.951 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :

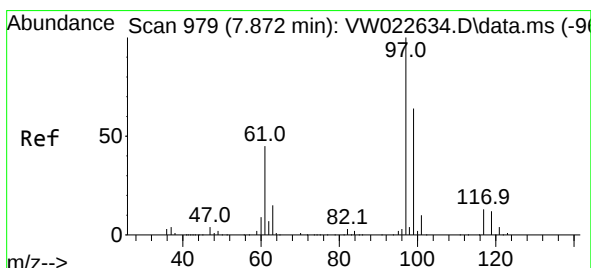
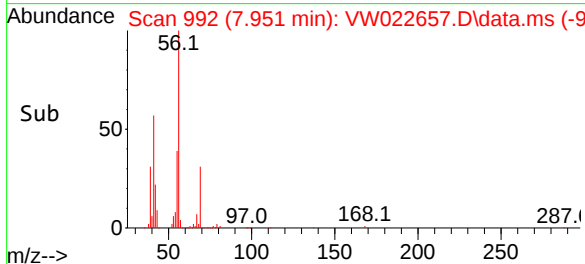
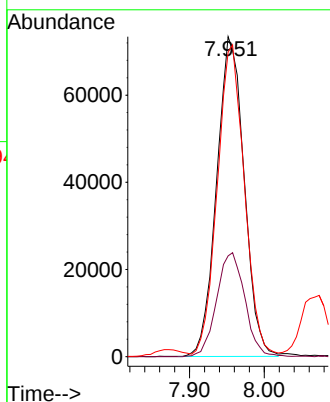
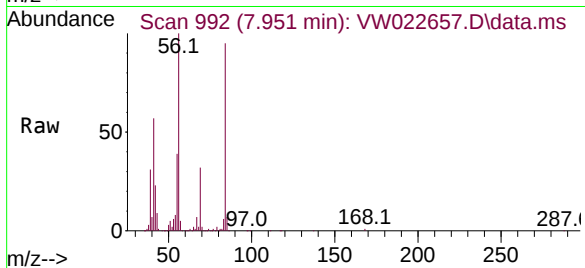
Tgt Ion: 56 Resp: 187250

Ion Ratio Lower Upper

56 100

69 33.4 24.4 36.6

84 96.5 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 26.261 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

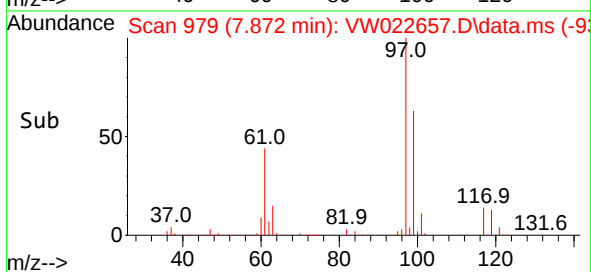
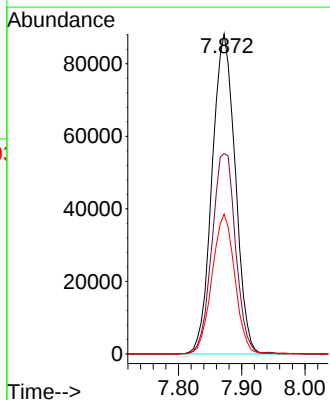
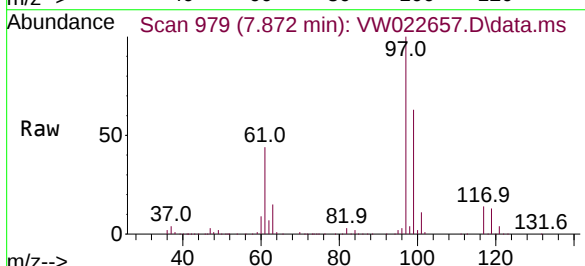
Tgt Ion: 97 Resp: 223857

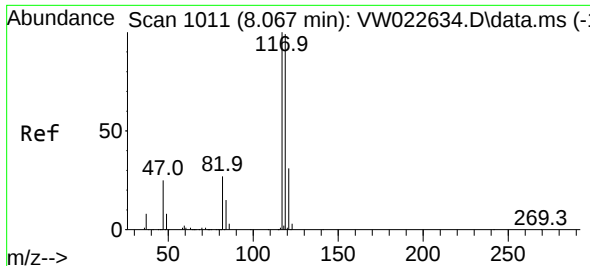
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 43.1 38.7 58.1

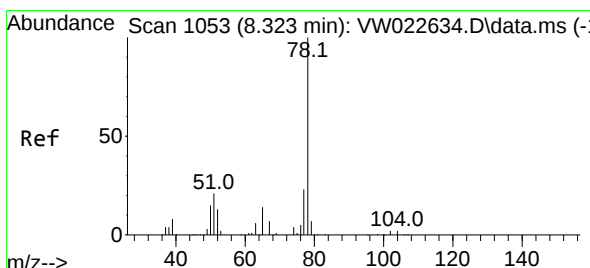
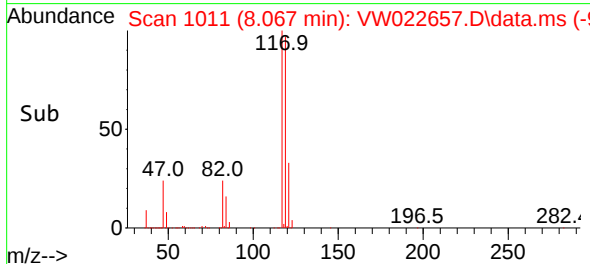
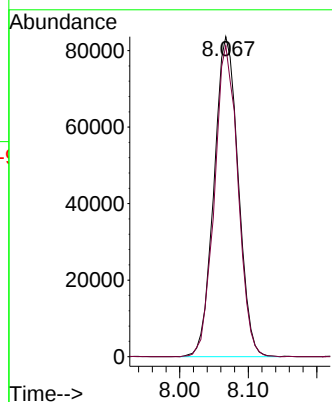
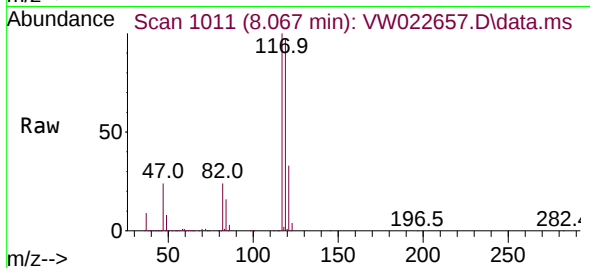




#31
Carbon tetrachloride
Concen: 26.779 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

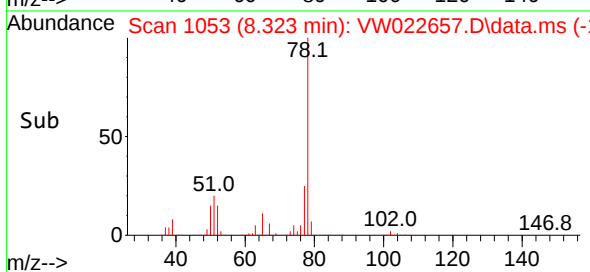
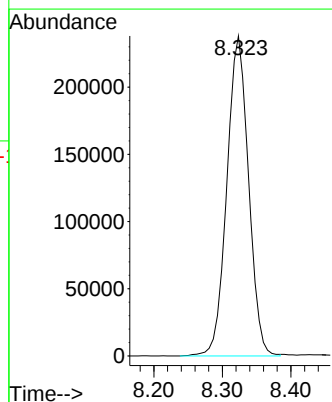
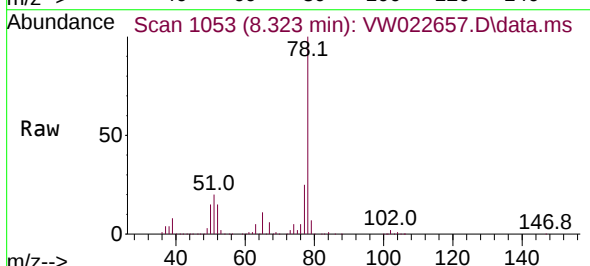
Instrument :
MSVOA_W
ClientSampleId :

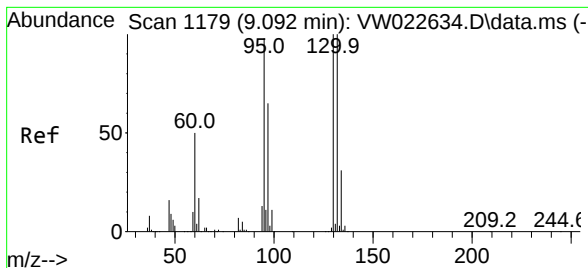
Tgt Ion:117 Resp: 204884
Ion Ratio Lower Upper
117 100
119 94.2 75.5 113.3



#33
Benzene
Concen: 25.074 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 78 Resp: 523133





#34

Trichloroethene

Concen: 25.857 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

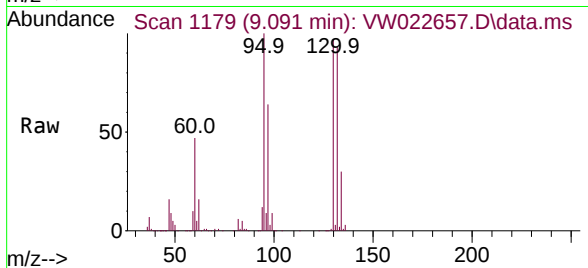
Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 144445

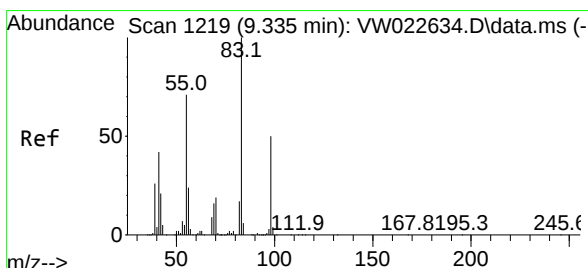
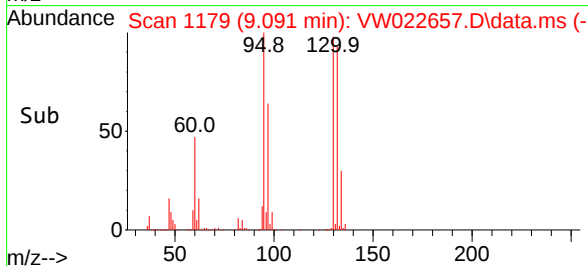
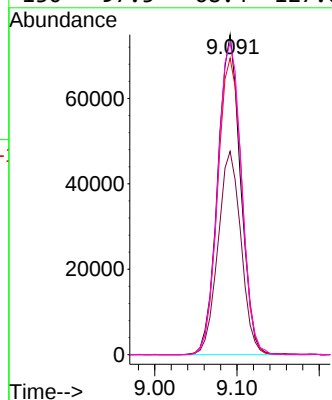
Ion Ratio Lower Upper

95 100

97 63.5 46.4 86.2

132 92.6 67.4 125.2

130 97.5 68.4 127.0



#35

Methylcyclohexane

Concen: 23.289 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

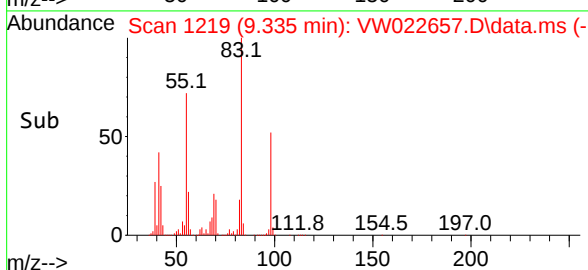
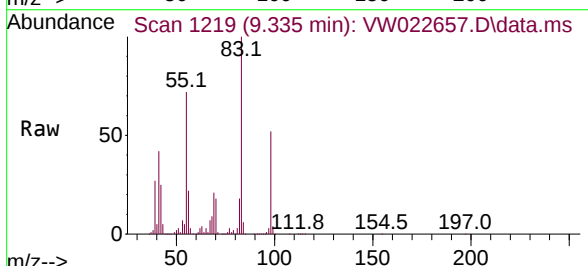
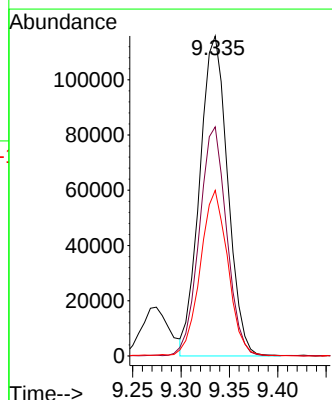
Tgt Ion: 83 Resp: 233416

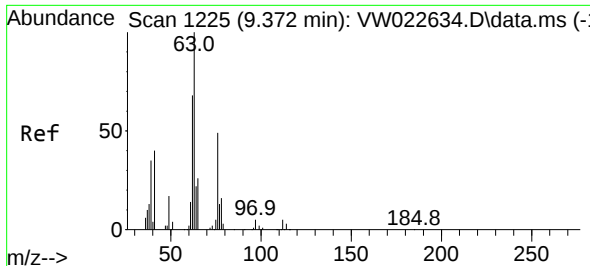
Ion Ratio Lower Upper

83 100

55 69.9 61.0 91.6

98 50.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 26.019 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

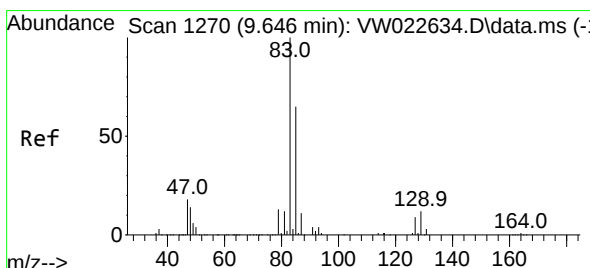
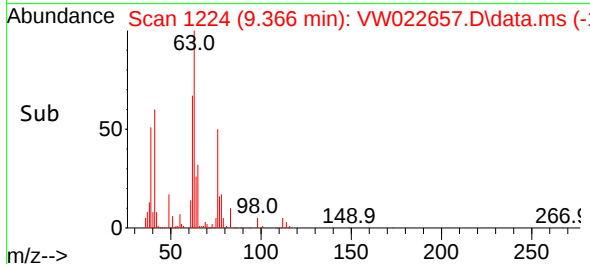
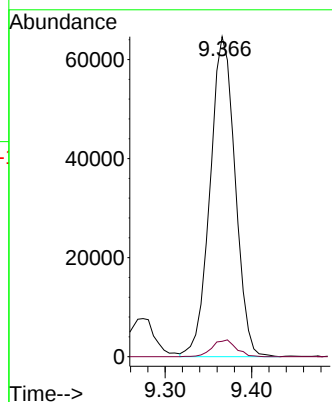
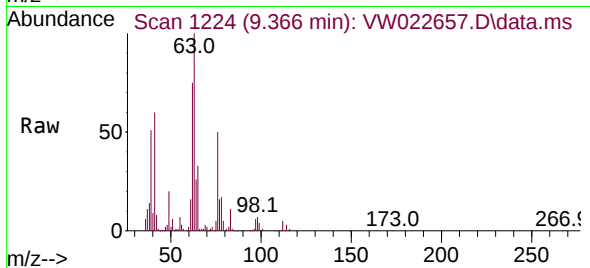
ClientSampleId :

Tgt Ion: 63 Resp: 130047

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 26.304 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

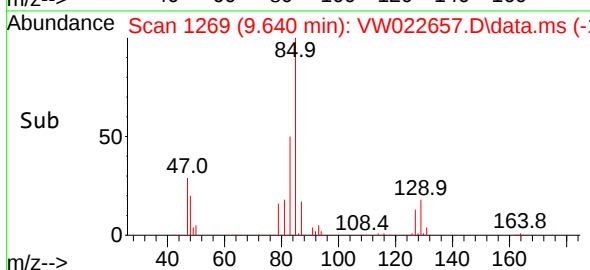
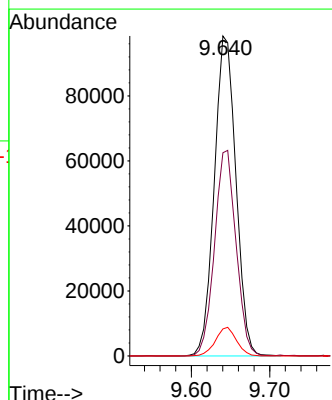
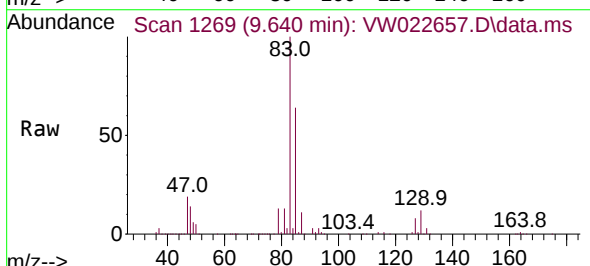
Tgt Ion: 83 Resp: 189063

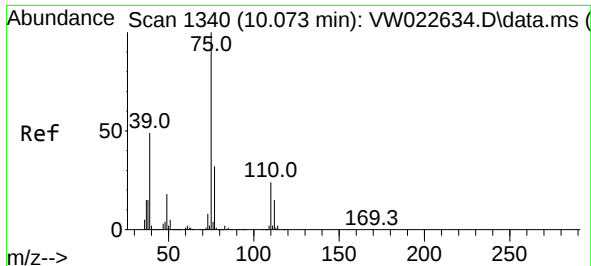
Ion Ratio Lower Upper

83 100

85 63.5 45.2 84.0

127 8.5 6.0 9.0

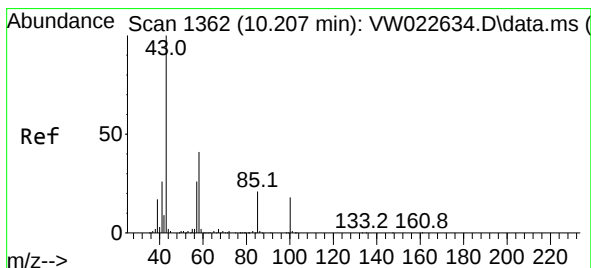
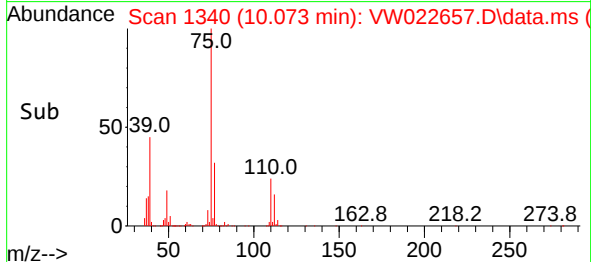
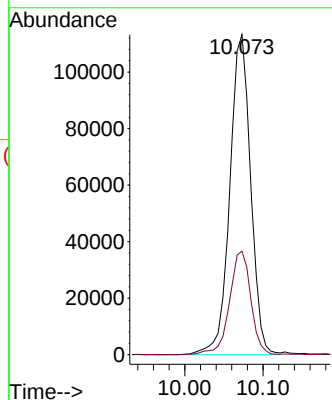
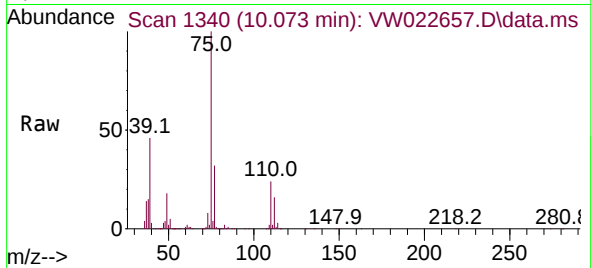




#39
cis-1,3-Dichloropropene
Concen: 26.377 ug/L
RT: 10.073 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

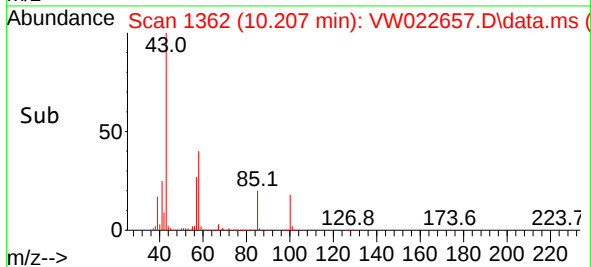
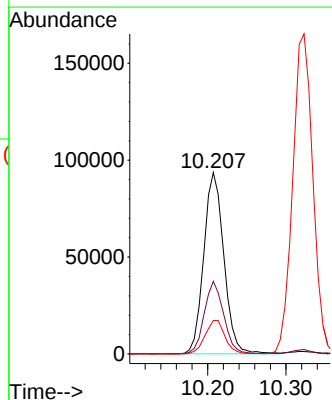
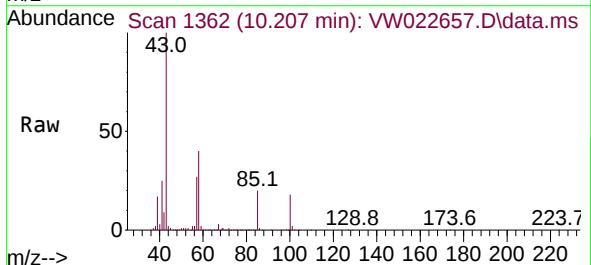
Instrument :
MSVOA_W
ClientSampleId :

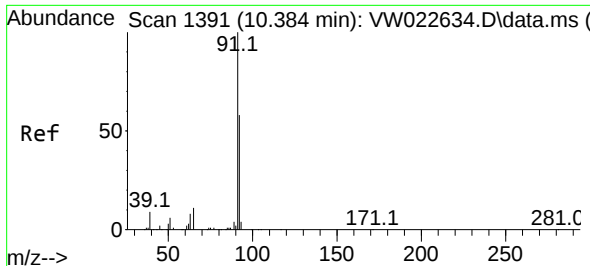
Tgt Ion: 75 Resp: 209200
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 54.756 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 43 Resp: 167022
Ion Ratio Lower Upper
43 100
58 38.9 29.3 43.9
100 18.5 12.2 18.4#

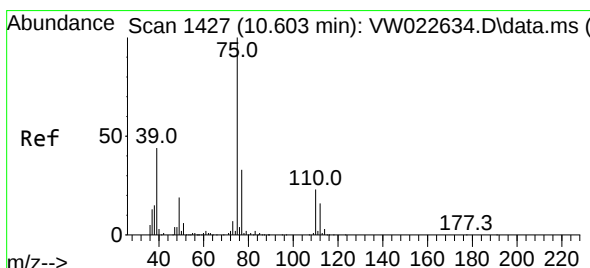
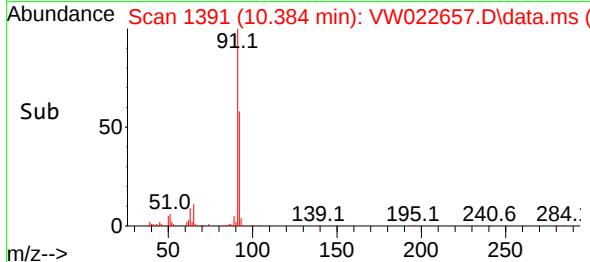
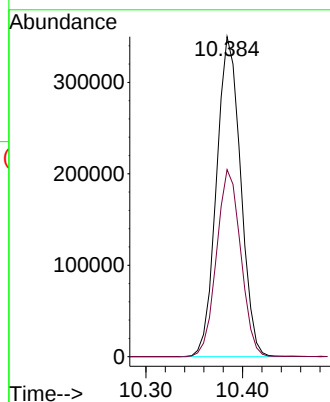
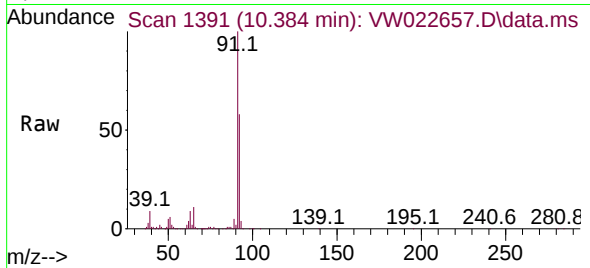




#42
Toluene
Concen: 25.321 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

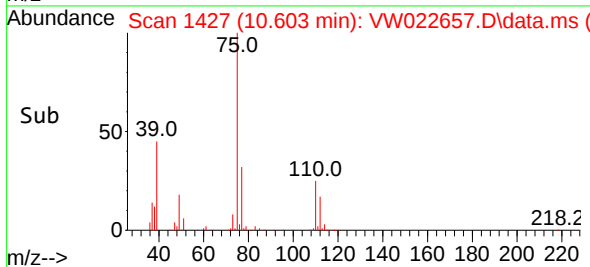
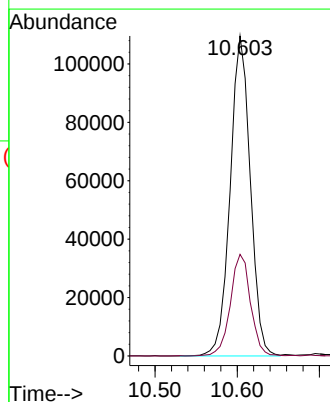
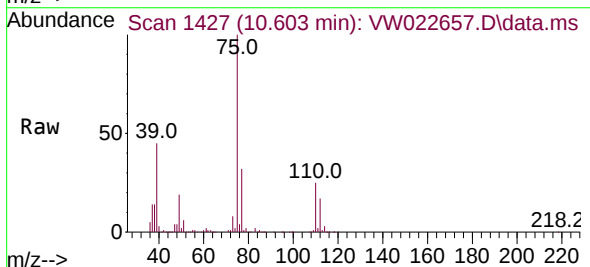
Instrument :
MSVOA_W
ClientSampleId :

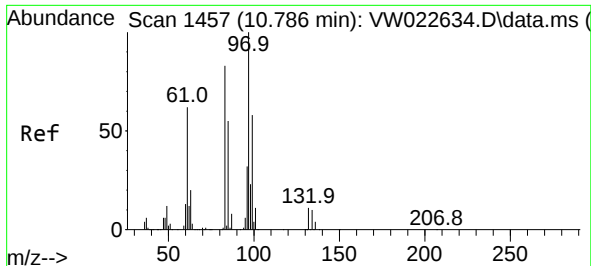
Tgt Ion: 91 Resp: 605354
Ion Ratio Lower Upper
91 100
92 58.4 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 26.281 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

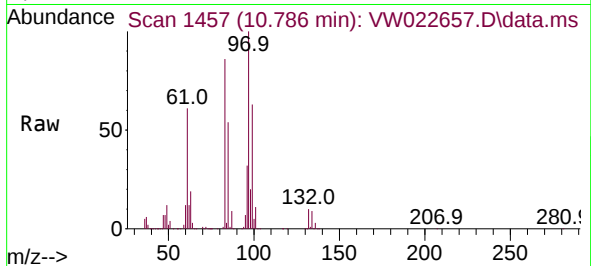
Tgt Ion: 75 Resp: 186638
Ion Ratio Lower Upper
75 100
77 31.7 21.3 39.6





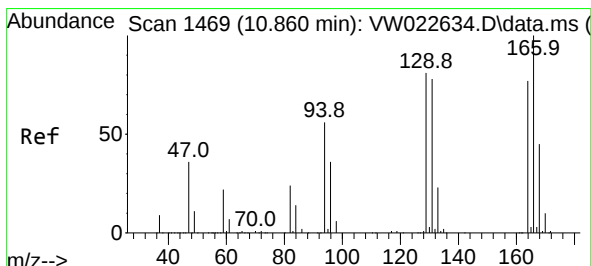
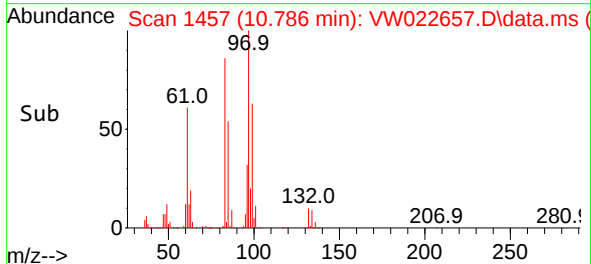
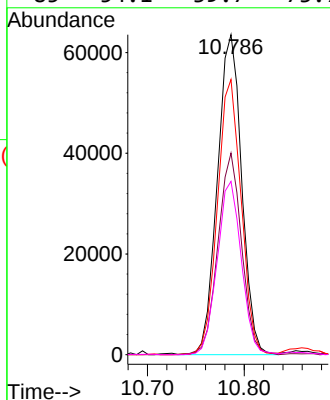
#45
1,1,2-Trichloroethane
Concen: 29.012 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 110669

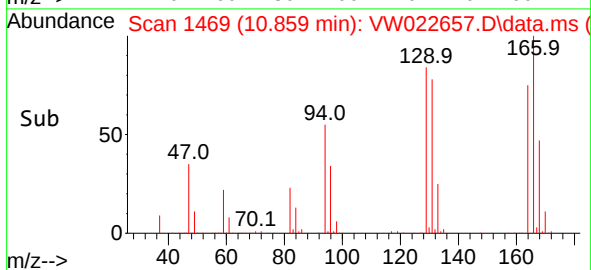
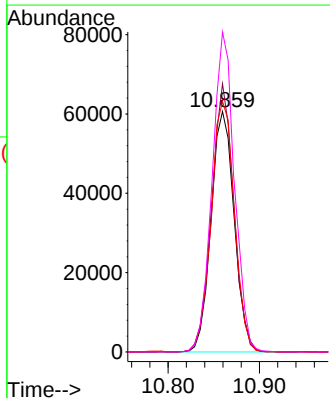
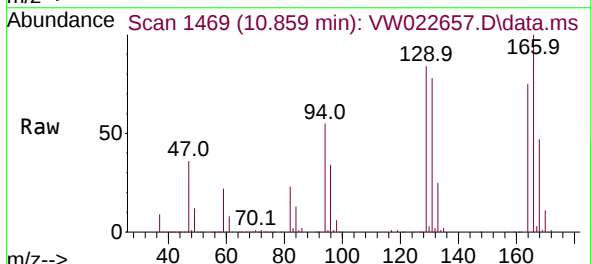
Ion	Ratio	Lower	Upper
97	100		
99	63.0	46.0	85.4
83	86.0	60.6	112.6
85	54.1	39.7	73.7

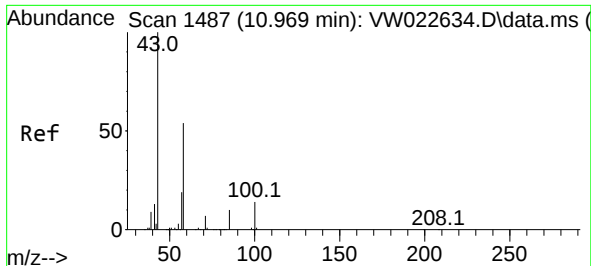


#46
Tetrachloroethene
Concen: 25.910 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 164 Resp: 106394

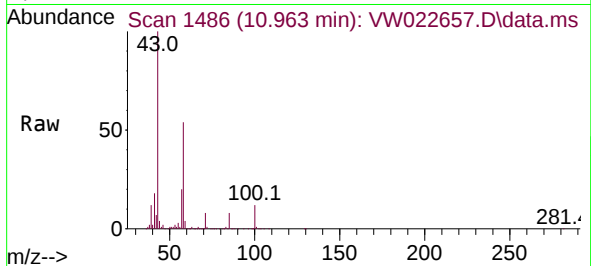
Ion	Ratio	Lower	Upper
164	100		
129	111.5	74.1	137.7
131	104.2	71.4	132.6
166	133.1	95.9	178.1



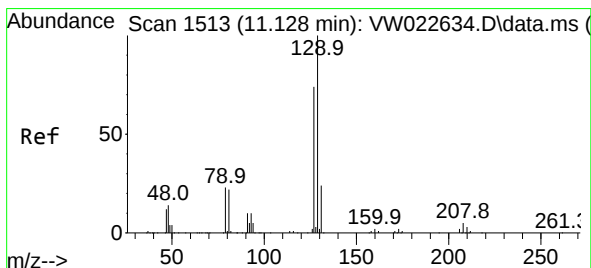
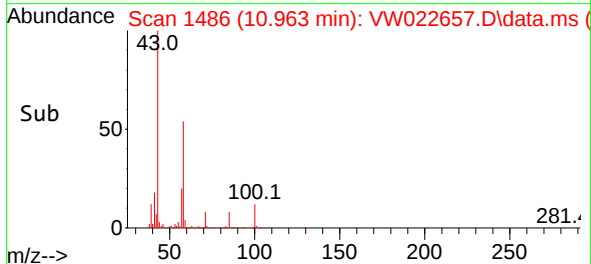
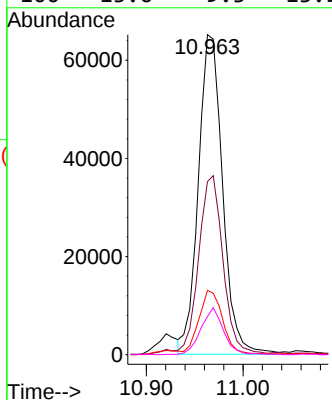


#48
2-Hexanone
Concen: 52.951 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Instrument :
MSVOA_W
ClientSampleId :

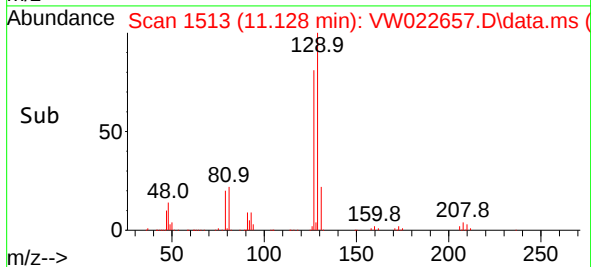
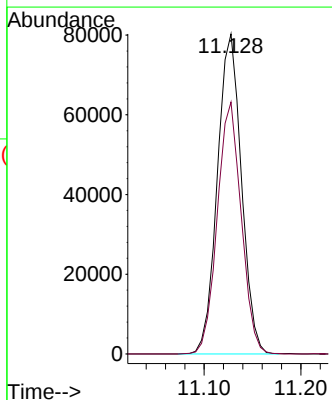
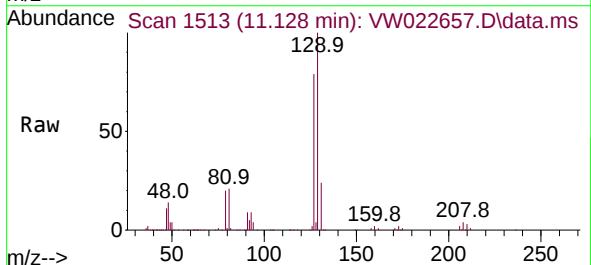


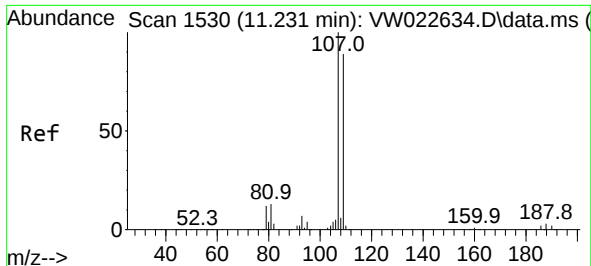
Tgt Ion: 43 Resp: 113946
Ion Ratio Lower Upper
43 100
58 55.9 41.6 62.4
57 19.4 14.5 21.7
100 13.6 9.3 13.9



#49
Dibromochloromethane
Concen: 30.430 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion: 129 Resp: 138438
Ion Ratio Lower Upper
129 100
127 78.7 52.6 97.6





#50

1,2-Dibromoethane

Concen: 28.900 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :

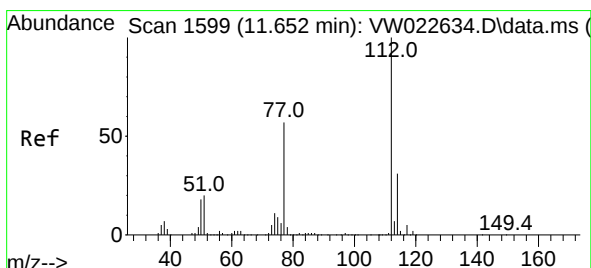
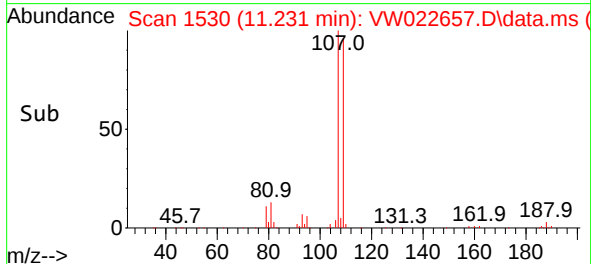
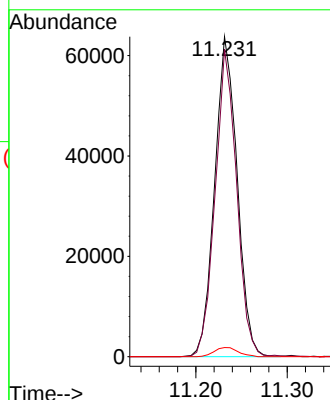
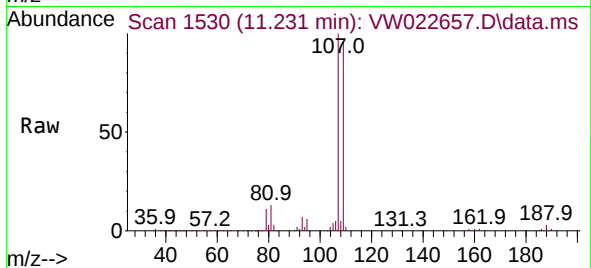
Tgt Ion:107 Resp: 108857

Ion Ratio Lower Upper

107 100

109 96.0 68.2 126.6

188 2.8 2.8 4.2



#51

Chlorobenzene

Concen: 27.595 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

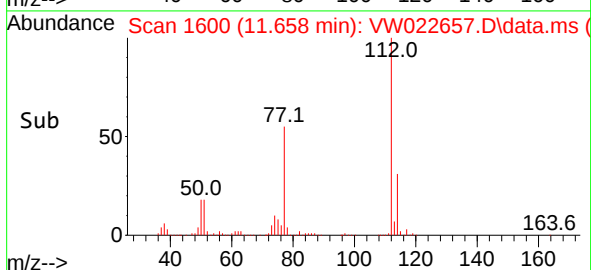
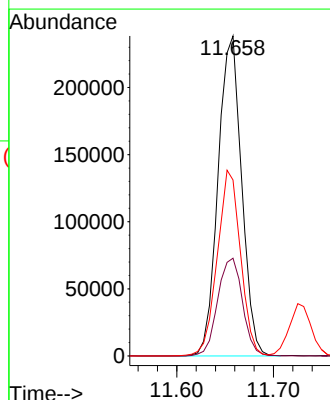
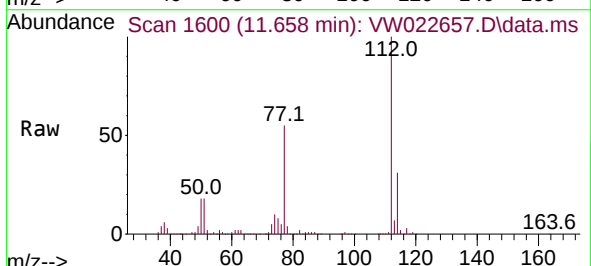
Tgt Ion:112 Resp: 403150

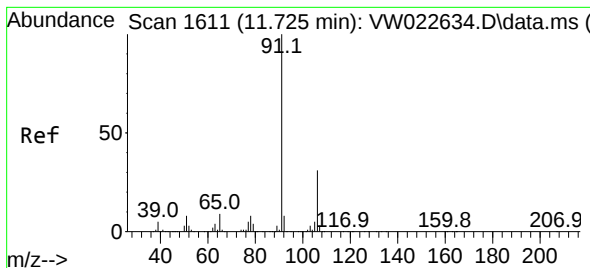
Ion Ratio Lower Upper

112 100

114 30.5 20.5 38.1

77 55.0 48.1 72.1





#52

Ethylbenzene

Concen: 25.645 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

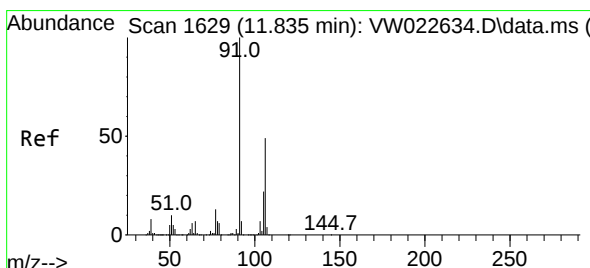
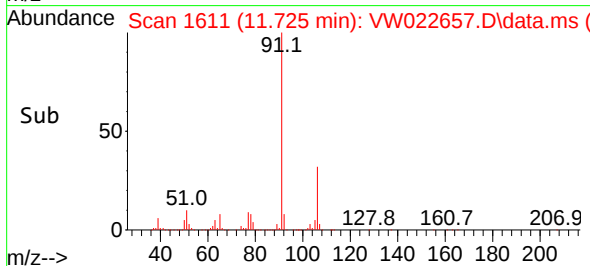
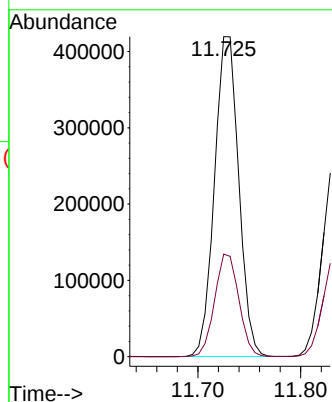
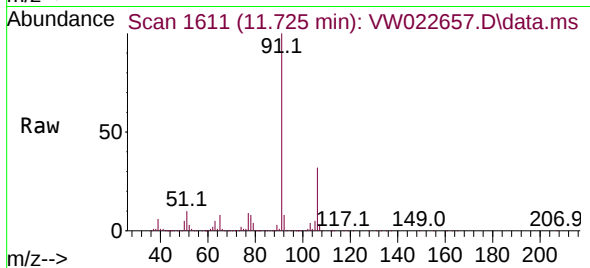
ClientSampleId :

Tgt Ion: 91 Resp: 687212

Ion Ratio Lower Upper

91 100

106 32.0 20.5 38.1



#53

m,p-Xylene

Concen: 26.908 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW022657.D

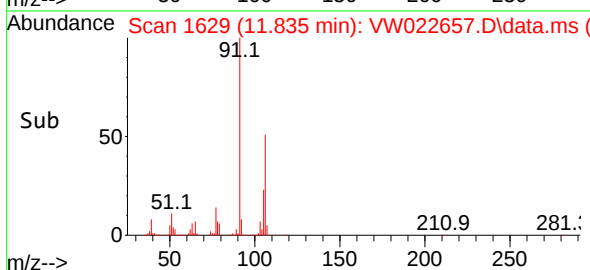
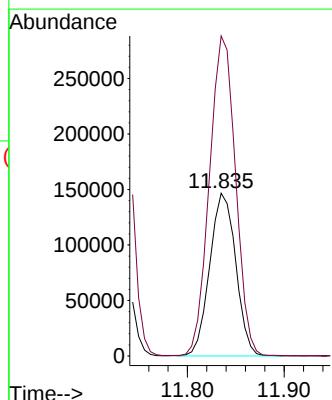
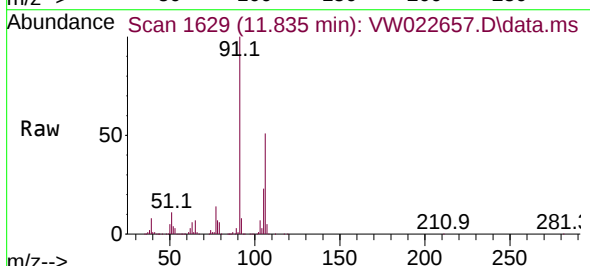
Acq: 28 Apr 2022 11:00

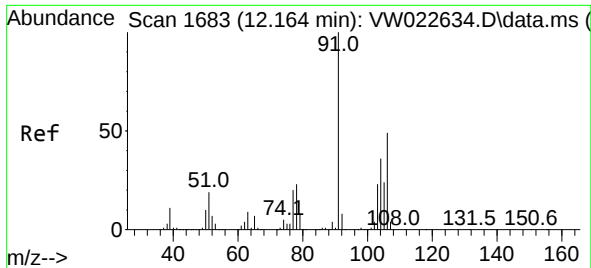
Tgt Ion:106 Resp: 274171

Ion Ratio Lower Upper

106 100

91 196.7 149.9 278.5

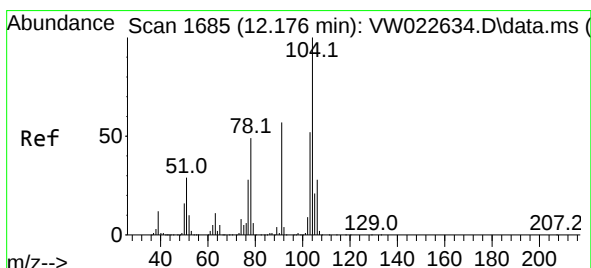
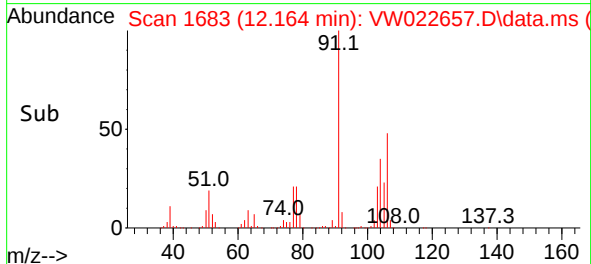
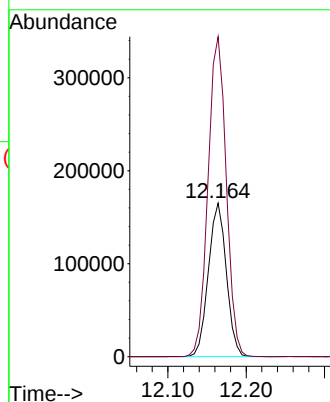
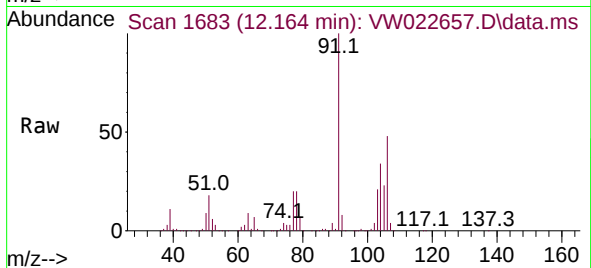




#54
o-Xylene
Concen: 26.974 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

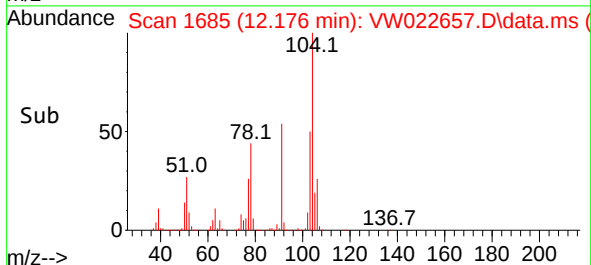
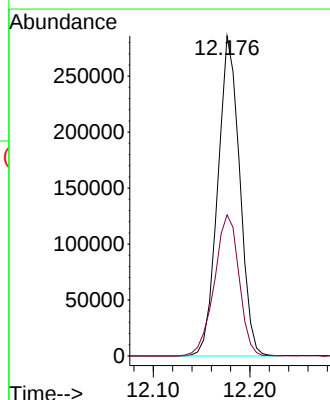
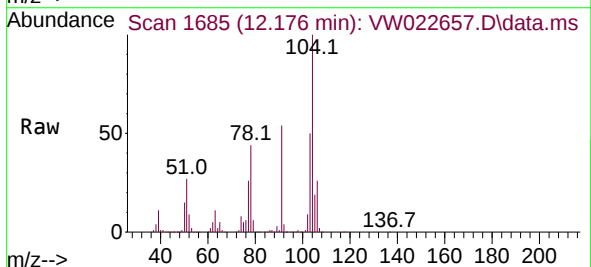
Instrument :
MSVOA_W
ClientSampleId :

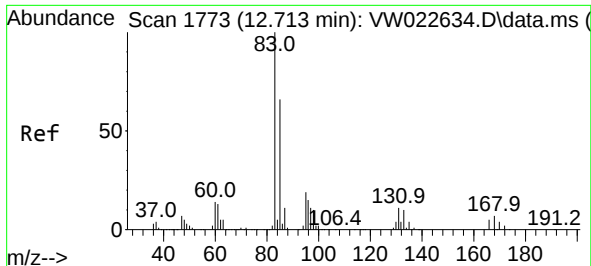
Tgt Ion:106 Resp: 262642
Ion Ratio Lower Upper
106 100
91 208.3 155.3 288.3



#55
Styrene
Concen: 27.002 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion:104 Resp: 449183
Ion Ratio Lower Upper
104 100
78 44.1 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 29.245 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :

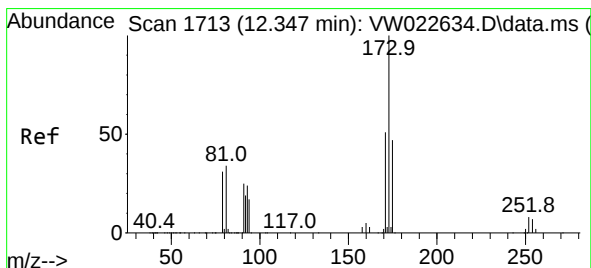
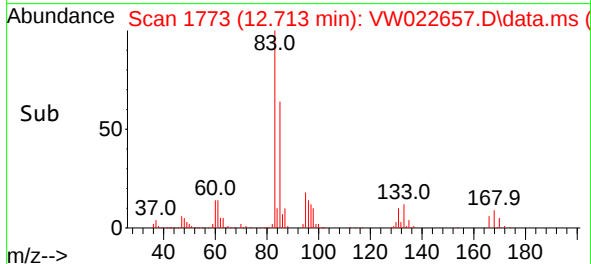
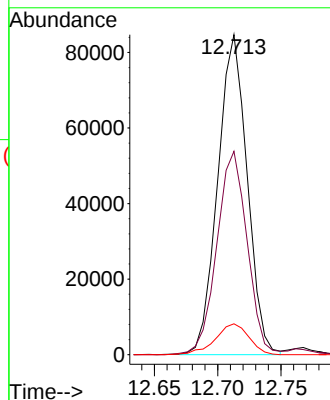
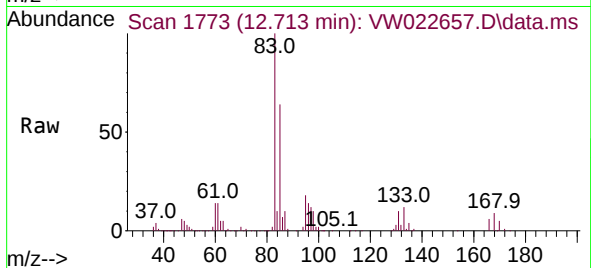
Tgt Ion: 83 Resp: 136926

Ion Ratio Lower Upper

83 100

85 63.6 45.5 84.5

131 9.7 7.8 11.8



#59

Bromoform

Concen: 27.803 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

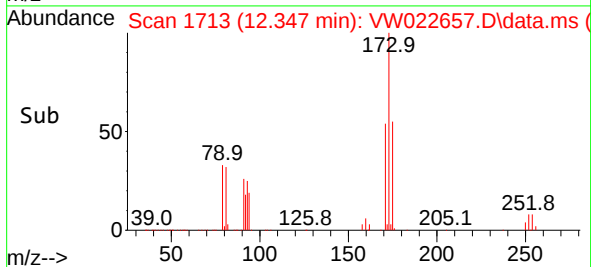
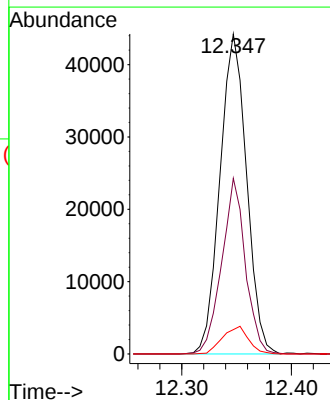
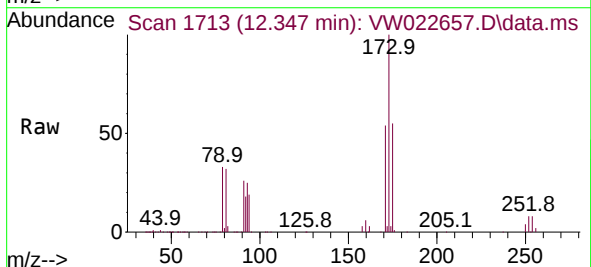
Tgt Ion:173 Resp: 74650

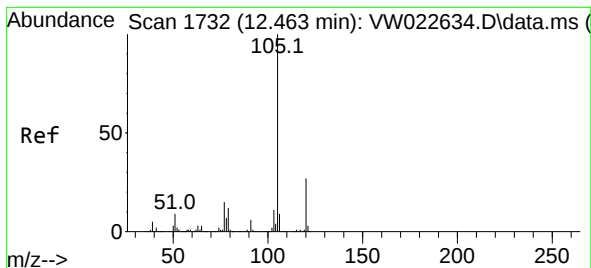
Ion Ratio Lower Upper

173 100

175 48.8 39.2 58.8

254 8.4 6.6 9.8





#60

Isopropylbenzene

Concen: 24.708 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :

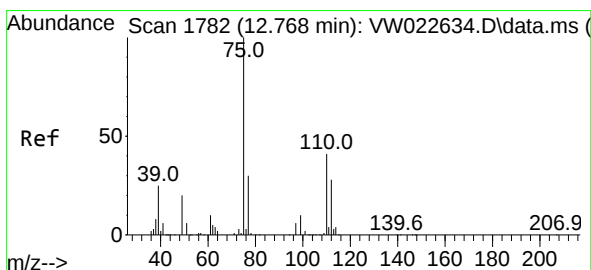
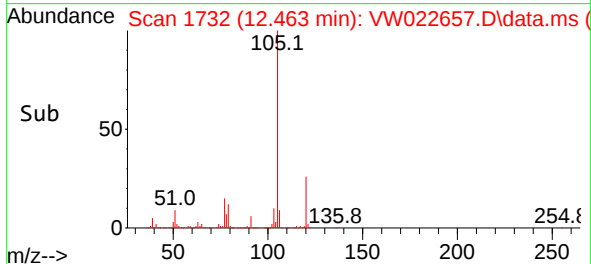
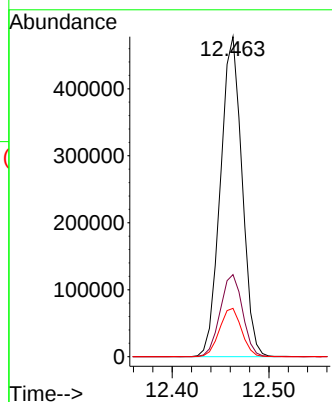
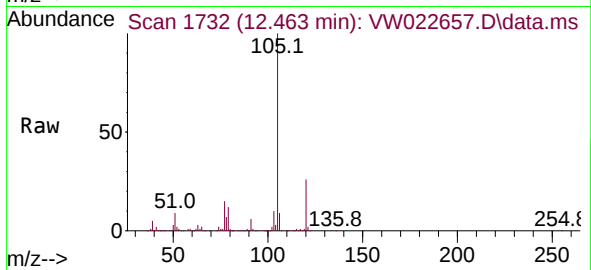
Tgt Ion:105 Resp: 741611

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.4 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 25.714 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

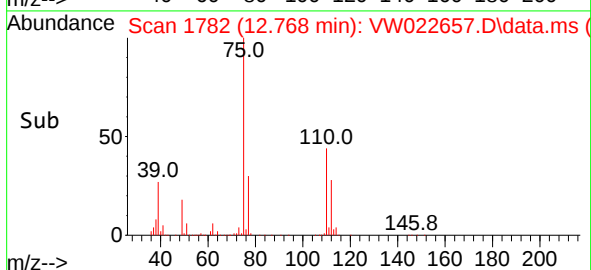
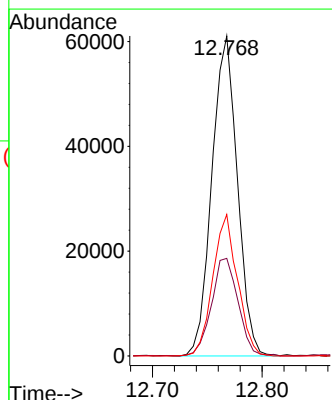
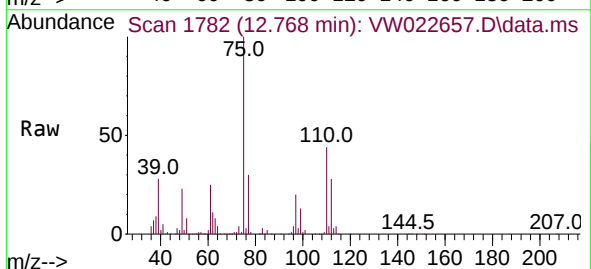
Tgt Ion: 75 Resp: 98837

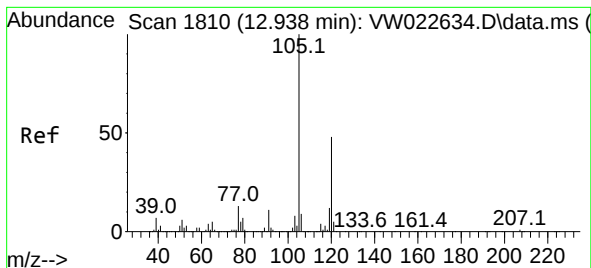
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

110 42.7 31.8 47.6

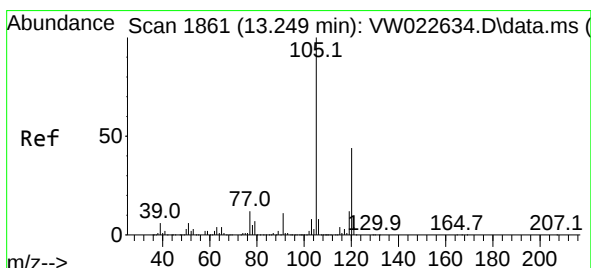
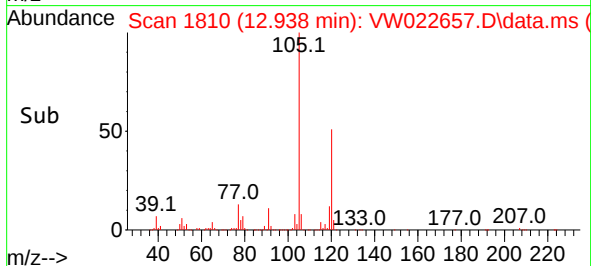
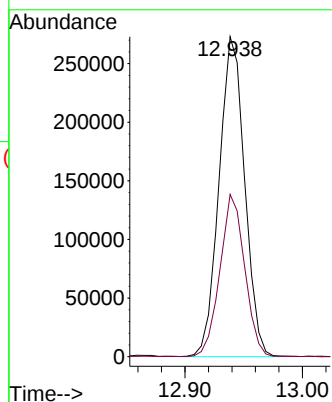
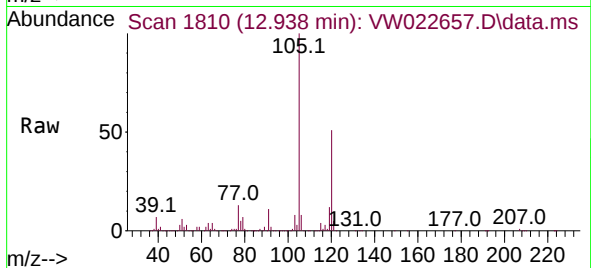




#62
 1,3,5-Trimethylbenzene
 Concen: 25.031 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW022657.D
 Acq: 28 Apr 2022 11:00

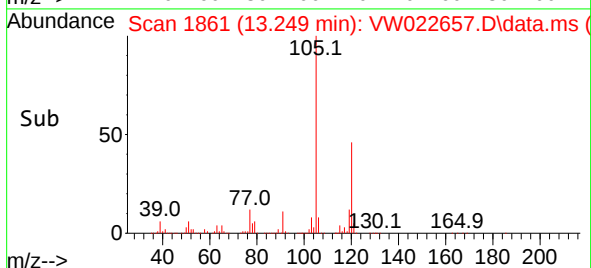
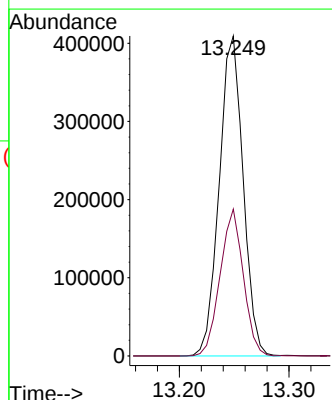
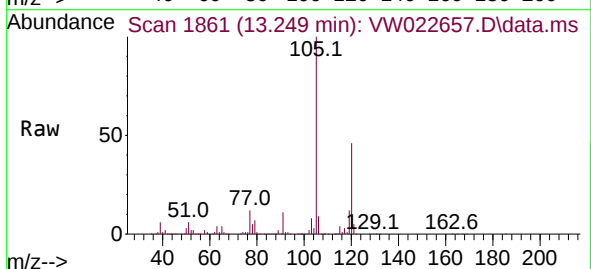
Instrument :
 MSVOA_W
 ClientSampleId :

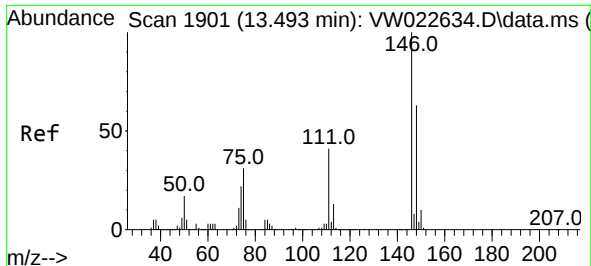
Tgt Ion:105 Resp: 413187
 Ion Ratio Lower Upper
 105 100
 120 49.0 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 24.728 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW022657.D
 Acq: 28 Apr 2022 11:00

Tgt Ion:105 Resp: 620722
 Ion Ratio Lower Upper
 105 100
 120 44.5 34.2 51.2

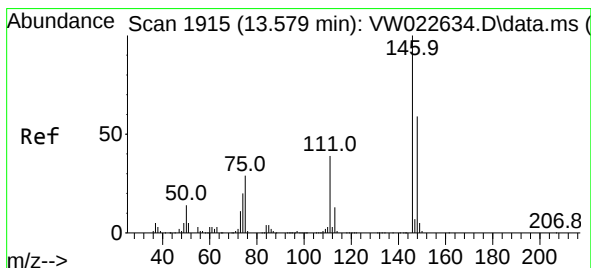
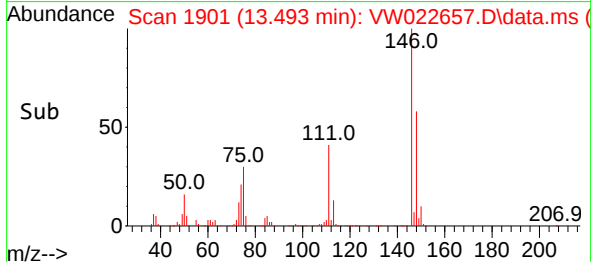
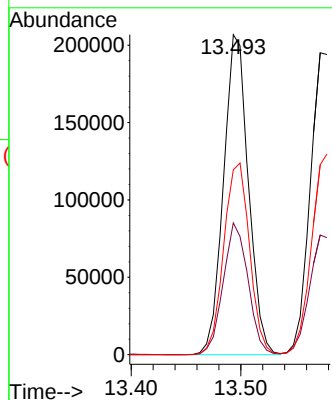
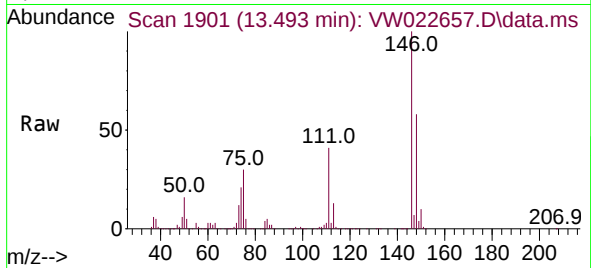




#64
1,3-Dichlorobenzene
Concen: 26.797 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

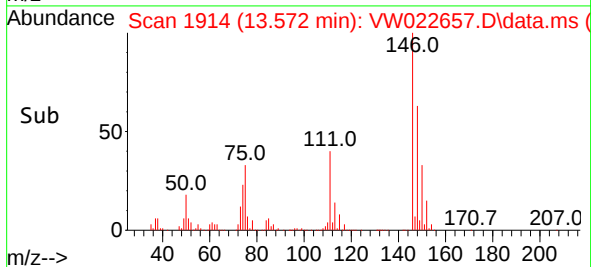
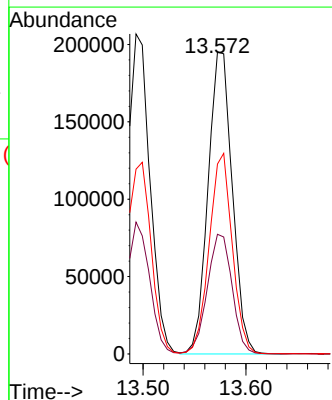
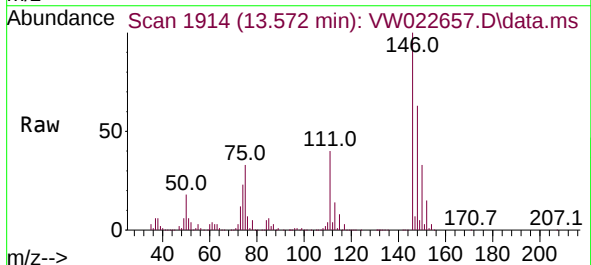
Instrument :
MSVOA_W
ClientSampleId :

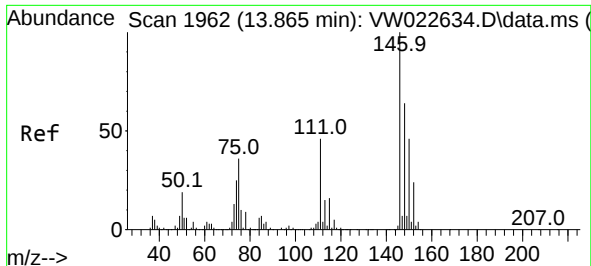
Tgt Ion:146 Resp: 326437
Ion Ratio Lower Upper
146 100
111 41.2 28.2 52.4
148 57.7 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 26.327 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022657.D
Acq: 28 Apr 2022 11:00

Tgt Ion:146 Resp: 319852
Ion Ratio Lower Upper
146 100
111 39.7 28.5 52.9
148 62.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.801 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :

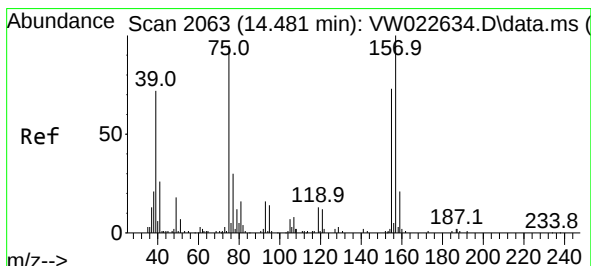
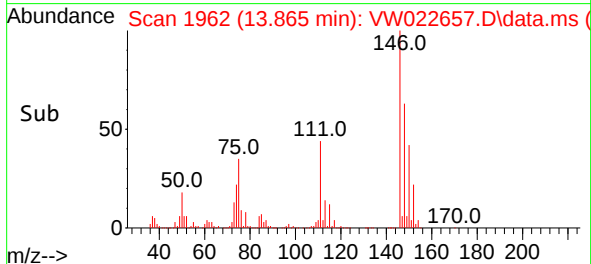
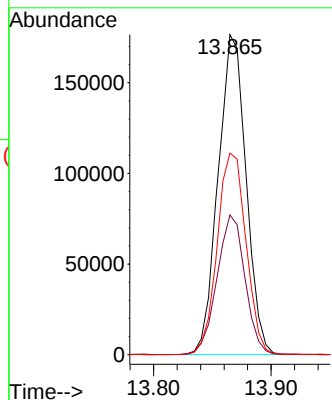
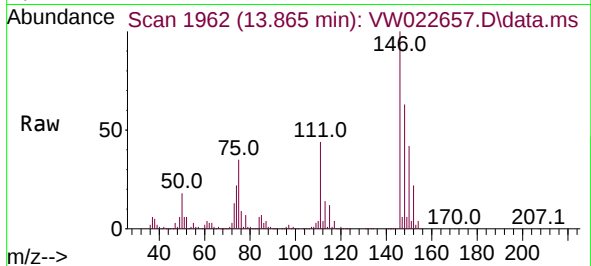
Tgt Ion:146 Resp: 291974

Ion Ratio Lower Upper

146 100

111 43.6 39.0 58.4

148 63.0 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 24.419 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

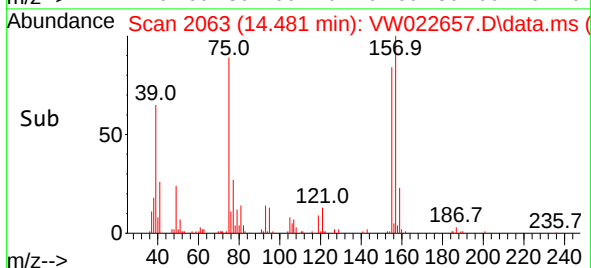
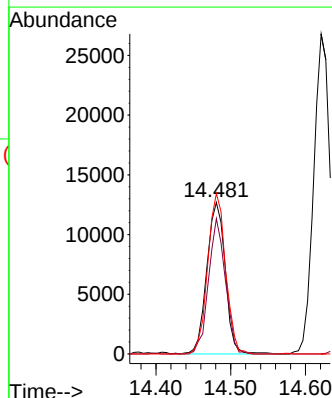
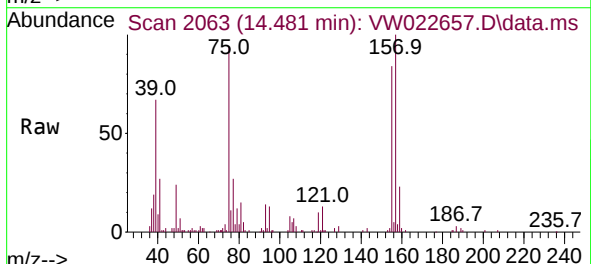
Tgt Ion: 75 Resp: 21768

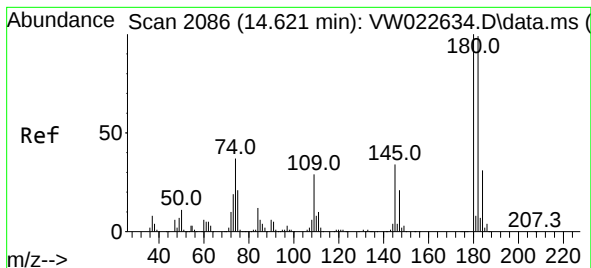
Ion Ratio Lower Upper

75 100

155 89.3 55.6 83.4#

157 105.9 69.8 104.6#





#69

1,3,5-Trichlorobenzene

Concen: 27.381 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 217621

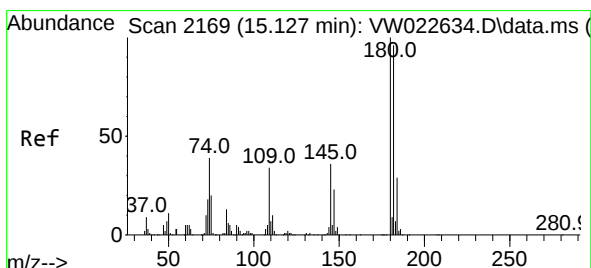
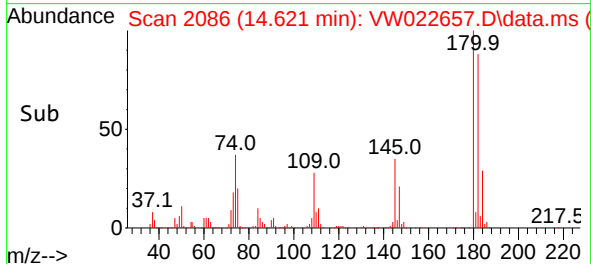
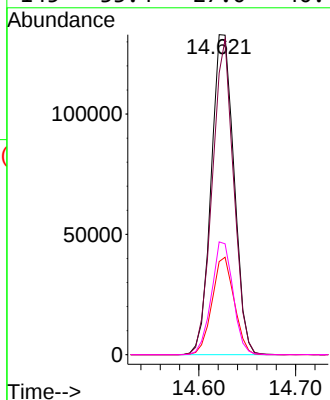
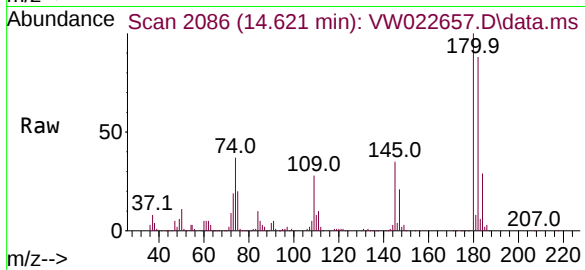
Ion Ratio Lower Upper

180 100

182 92.5 79.1 118.7

184 29.6 24.5 36.7

145 33.4 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 26.604 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

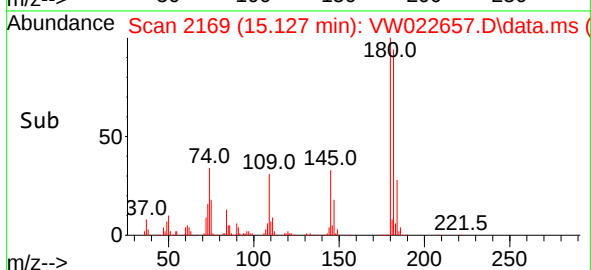
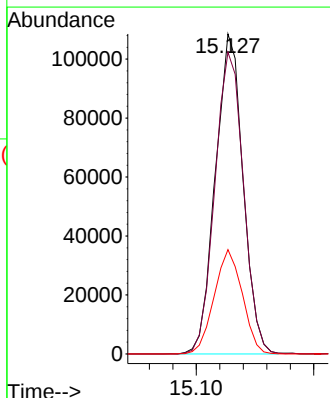
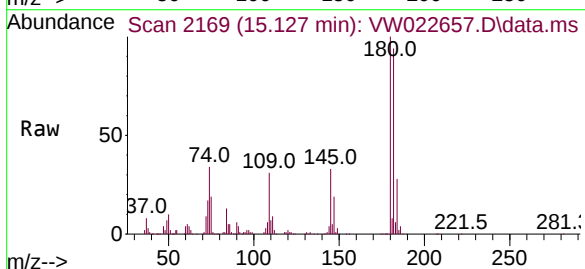
Tgt Ion:180 Resp: 177586

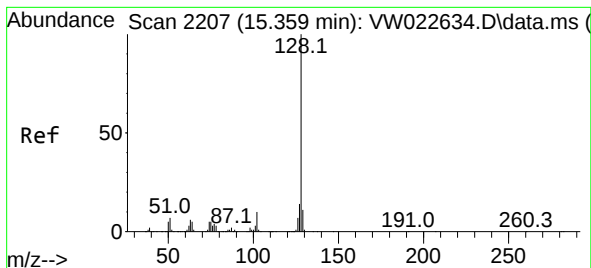
Ion Ratio Lower Upper

180 100

182 97.4 72.8 109.2

145 33.1 25.5 38.3





#71

Naphthalene

Concen: 27.324 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Instrument :

MSVOA_W

ClientSampleId :

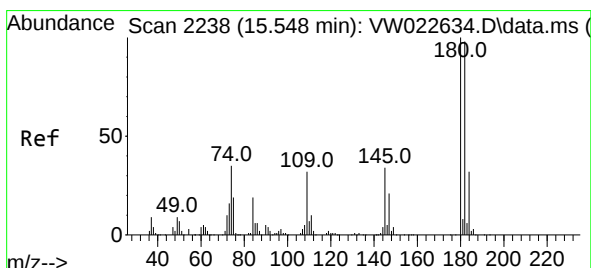
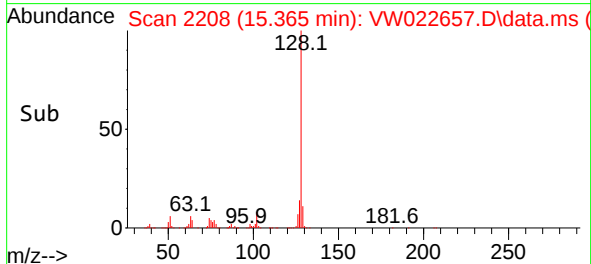
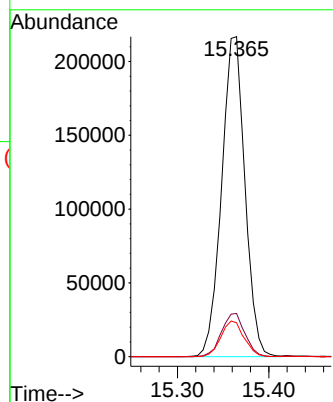
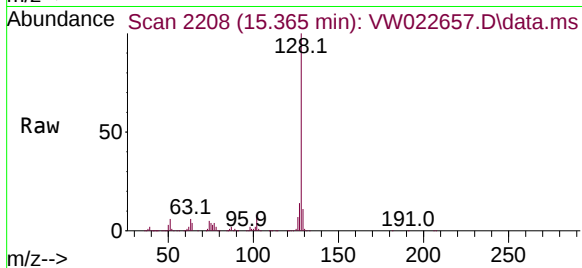
Tgt Ion:128 Resp: 384688

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.466 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022657.D

Acq: 28 Apr 2022 11:00

Tgt Ion:180 Resp: 151006

Ion Ratio Lower Upper

180 100

182 94.8 73.4 110.0

145 36.6 27.0 40.6

