

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027750.D
 Acq On : 19 Dec 2023 00:09
 Operator : SY/MD
 Sample : 05891-06MSD
 Misc : 4.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:50:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	566589	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	497874	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	257487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	153708	19.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.640%
7) Chloroethane-d5	2.899	69	129572	20.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
11) 1,1-Dichloroethene-d2	4.021	65	65668	20.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.720%
21) 2-Butanone-d5	7.081	46	62490	45.734	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.460%
24) Chloroform-d	7.648	84	312318	23.165	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.307	65	144520	22.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.320%
32) Benzene-d6	8.276	84	651418	22.387	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.560%
36) 1,2-Dichloropropane-d6	9.270	67	189405	22.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	10.319	98	615227	22.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	10.575	79	75198	23.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.240%
47) 2-Hexanone-d5	10.922	63	60072	50.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151108	24.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	212294	23.033	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	121671	18.450	ug/L	90
3) Chloromethane	2.223	50	156571	20.157	ug/L	98
5) Vinyl chloride	2.375	62	187888	20.332	ug/L	98
6) Bromomethane	2.796	94	127434	21.666	ug/L	96
8) Chloroethane	2.936	64	115903	20.978	ug/L	99
9) Trichlorofluoromethane	3.271	101	175980	21.085	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	64263	9.064	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	157732	22.727	ug/L	93
13) Acetone	4.149	43	32385	26.109	ug/L	93
14) Carbon disulfide	4.387	76	492117	21.107	ug/L	99
15) Methyl Acetate	4.679	43	48279	21.544	ug/L	98
16) Methylene chloride	4.917	84	162703	18.314	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	163181	22.235	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	224870	23.176	ug/L	99
19) 1,1-Dichloroethane	6.222	63	276184	22.131	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	178184	23.064	ug/L	96
22) 2-Butanone	7.179	43	57887	35.144	ug/L	98
23) Bromochloromethane	7.514	128	78402	24.033	ug/L	97
25) Chloroform	7.673	83	278278	22.642	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027750.D
 Acq On : 19 Dec 2023 00:09
 Operator : SY/MD
 Sample : 05891-06MSD
 Misc : 4.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:50:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

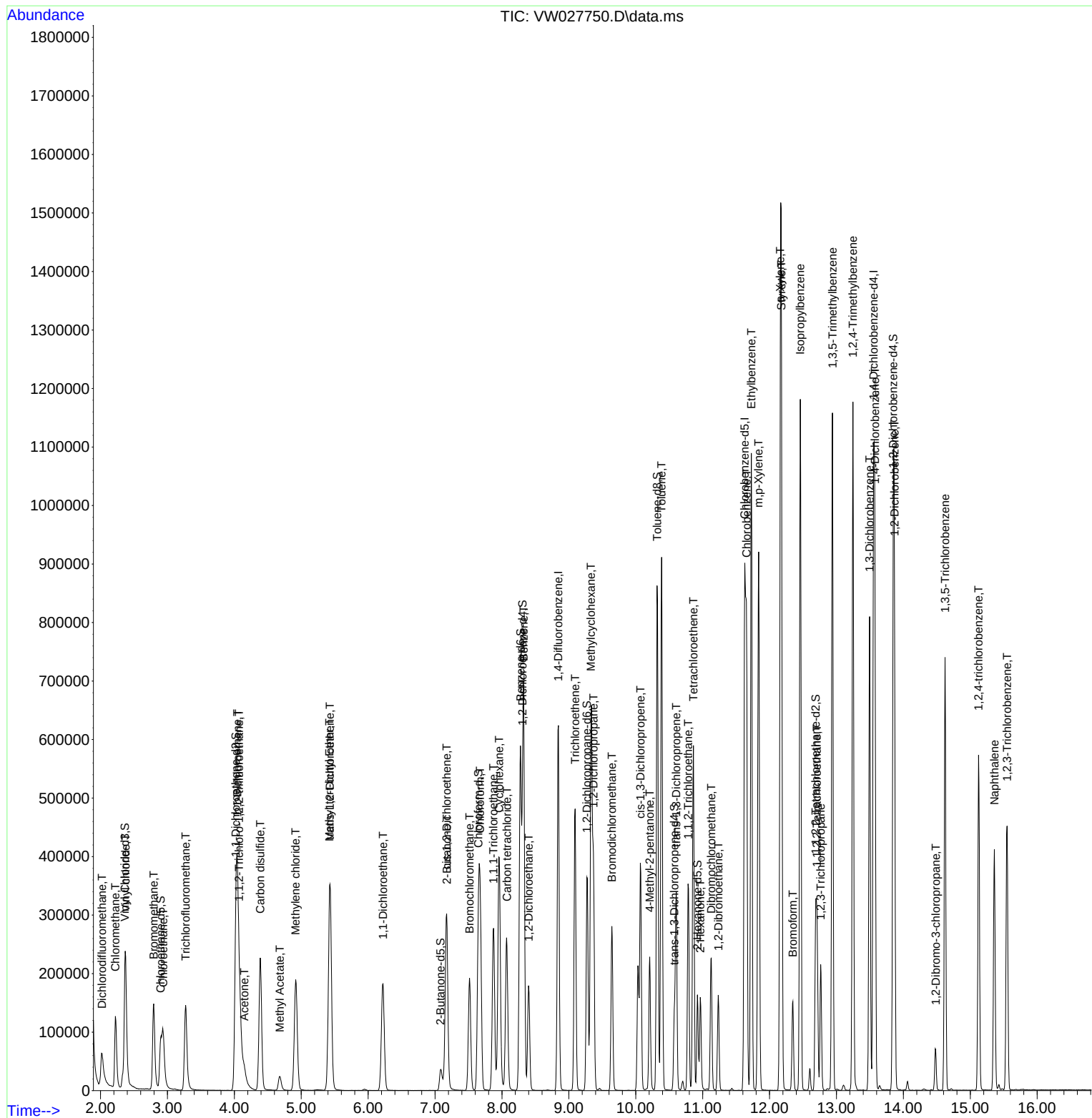
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	165492	22.967	ug/L	99
29) Cyclohexane	7.959	56	244637	20.767	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	235360	22.631	ug/L	99
31) Carbon tetrachloride	8.075	117	207936	22.719	ug/L	98
33) Benzene	8.325	78	642259	22.253	ug/L	100
34) Trichloroethene	9.093	95	171957	21.858	ug/L	96
35) Methylcyclohexane	9.331	83	302308	21.305	ug/L	98
37) 1,2-Dichloropropane	9.368	63	155797	22.362	ug/L	100
38) Bromodichloromethane	9.642	83	198535	23.445	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	251572	23.691	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	138577	45.509	ug/L	99
42) Toluene	10.386	91	709316	22.841	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	197081	23.568	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	119302	23.129	ug/L	97
46) Tetrachloroethene	10.861	164	139519	22.209	ug/L	93
48) 2-Hexanone	10.965	43	93234	41.136	ug/L	98
49) Dibromochloromethane	11.130	129	128103	23.746	ug/L	100
50) 1,2-Dibromoethane	11.233	107	113502	23.155	ug/L	90
51) Chlorobenzene	11.654	112	447843	22.573	ug/L	95
52) Ethylbenzene	11.727	91	786447	22.474	ug/L	100
53) m,p-Xylene	11.837	106	305073	22.697	ug/L	100
54) o-Xylene	12.160	106	296405	23.682	ug/L	98
55) Styrene	12.178	104	480593	22.778	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	134341	22.848	ug/L	97
59) Bromoform	12.349	173	74795	23.731	ug/L	97
60) Isopropylbenzene	12.459	105	805023	22.152	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	92687	21.598	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	648375	22.319	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	643551	22.505	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	333626	21.245	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	357310	22.652	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	306905	22.475	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	18858	21.997	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.623	180	234675	21.477	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	191066	21.293	ug/L	93
71) Naphthalene	15.360	128	368575	23.179	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	174487	23.257	ug/L	93

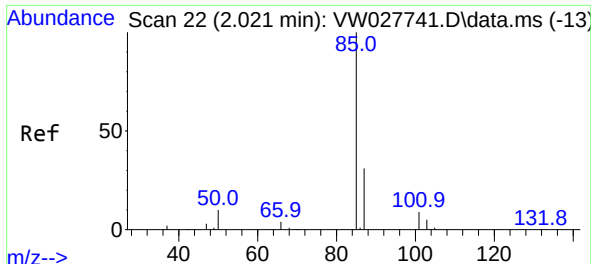
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027750.D
 Acq On : 19 Dec 2023 00:09
 Operator : SY/MD
 Sample : 05891-06MSD
 Misc : 4.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:50:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

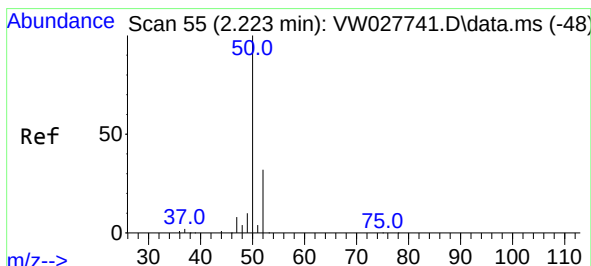
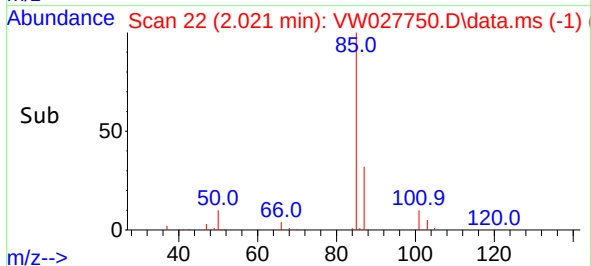
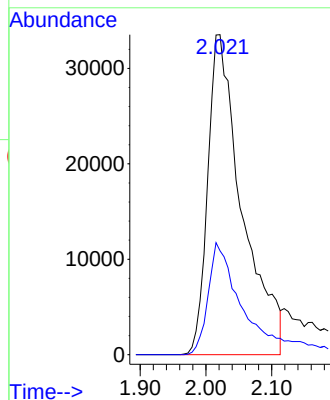
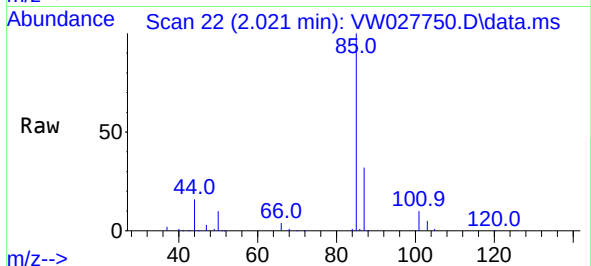




#2
Dichlorodifluoromethane
Concen: 18.450 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

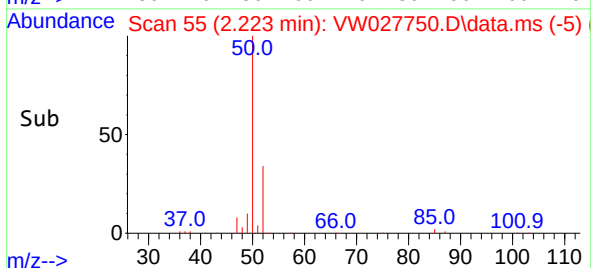
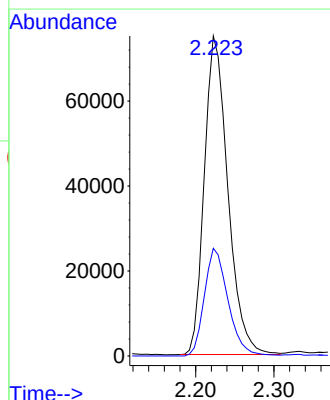
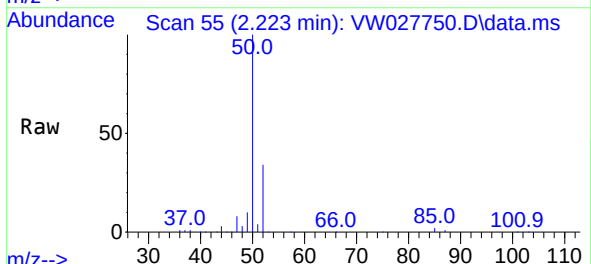
Instrument :
MSVOA_W
ClientSampleId :

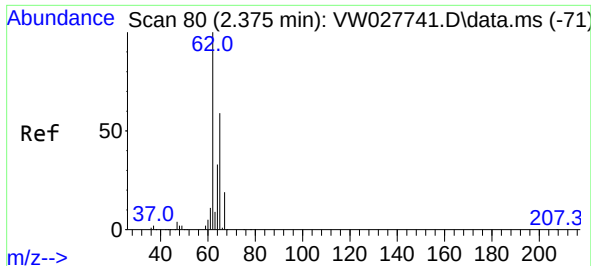
Tgt Ion: 85 Resp: 121671
Ion Ratio Lower Upper
85 100
87 34.2 23.2 34.8



#3
Chloromethane
Concen: 20.157 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

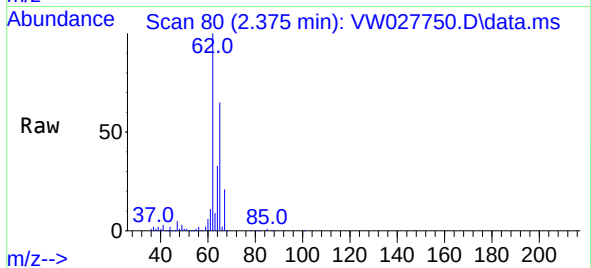
Tgt Ion: 50 Resp: 156571
Ion Ratio Lower Upper
50 100
52 33.6 22.8 42.4



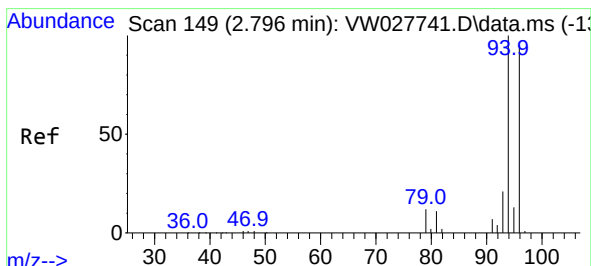
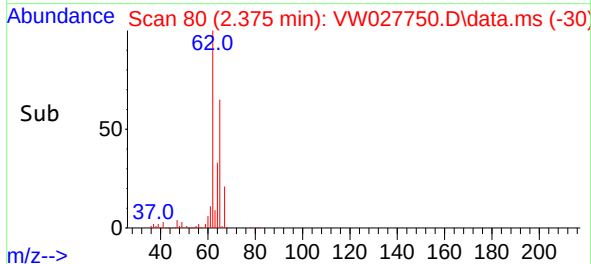
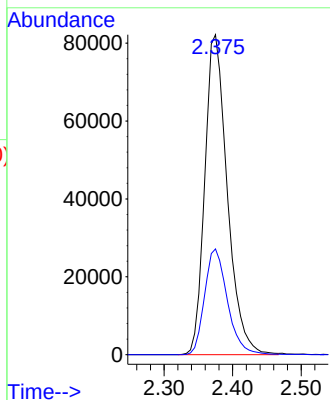


#5
 Vinyl chloride
 Concen: 20.332 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027750.D
 Acq: 19 Dec 2023 00:09

Instrument :
 MSVOA_W
 ClientSampleId :

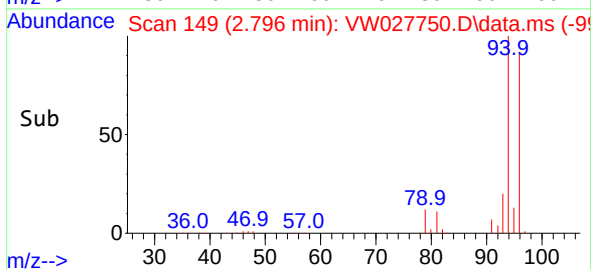
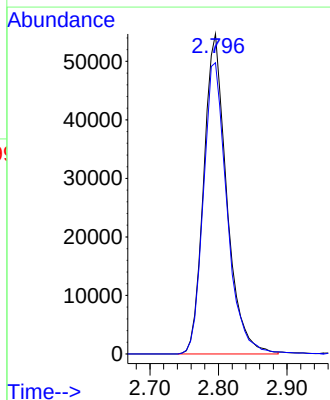
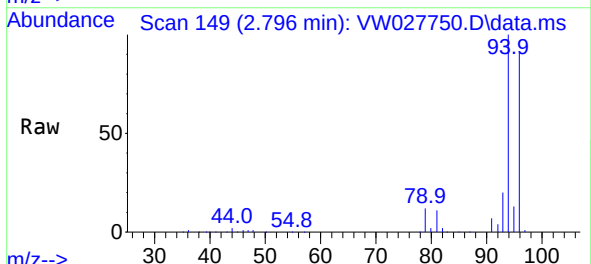


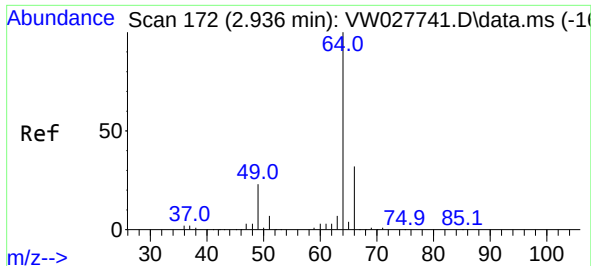
Tgt Ion: 62 Resp: 187888
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.2 41.2



#6
 Bromomethane
 Concen: 21.666 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027750.D
 Acq: 19 Dec 2023 00:09

Tgt Ion: 94 Resp: 127434
 Ion Ratio Lower Upper
 94 100
 96 91.0 61.2 113.8

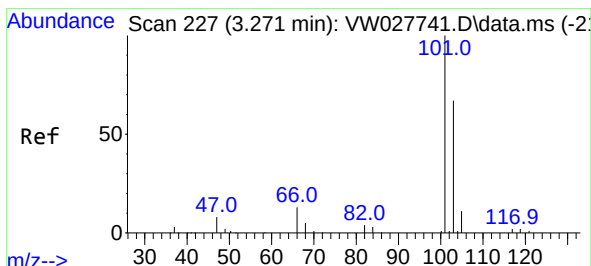
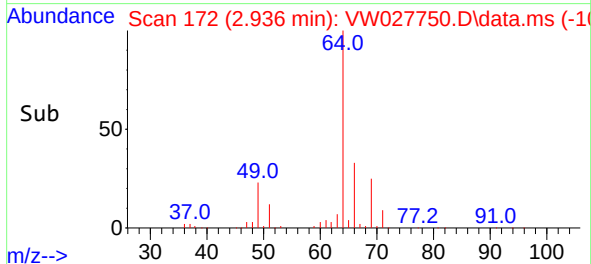
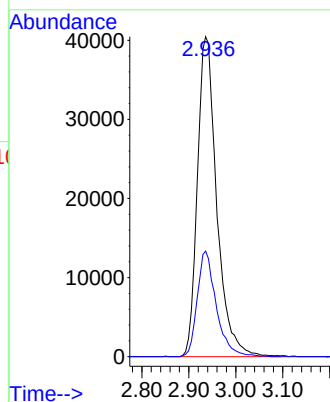
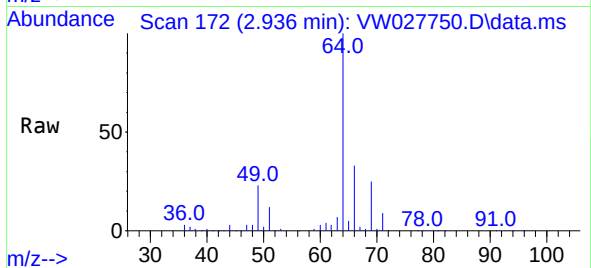




#8
Chloroethane
Concen: 20.978 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

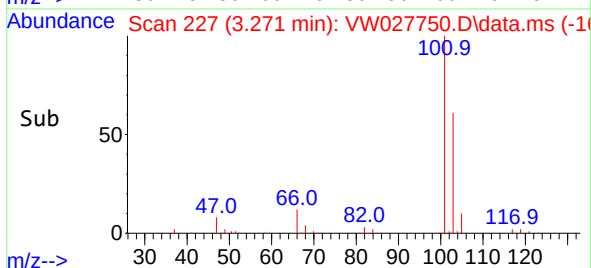
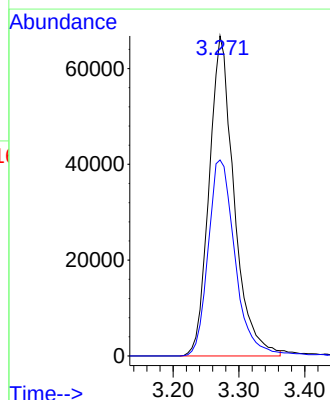
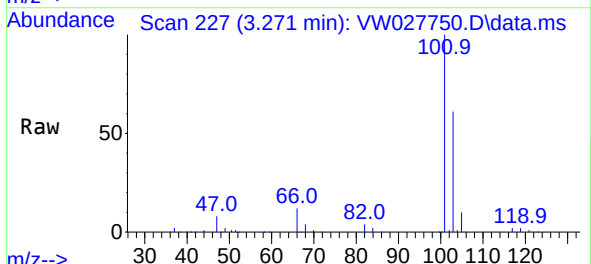
Instrument :
MSVOA_W
ClientSampleId :

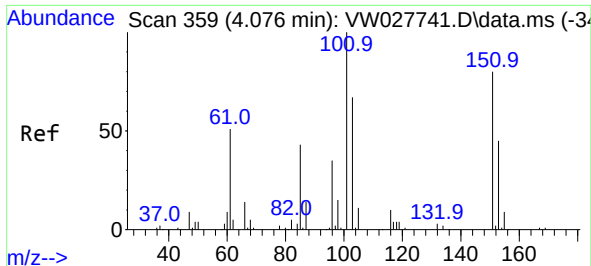
Tgt Ion: 64 Resp: 115903
Ion Ratio Lower Upper
64 100
66 33.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 21.085 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion:101 Resp: 175980
Ion Ratio Lower Upper
101 100
103 66.5 51.1 76.7

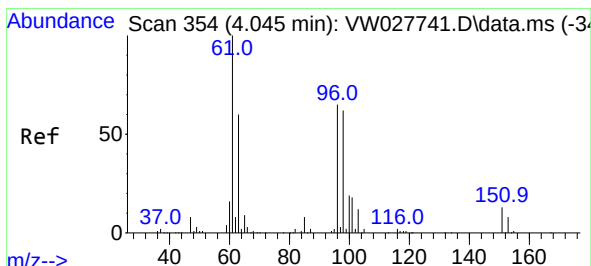
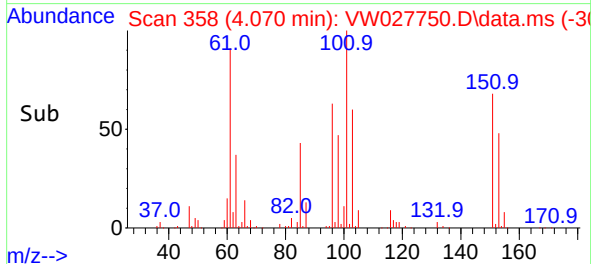
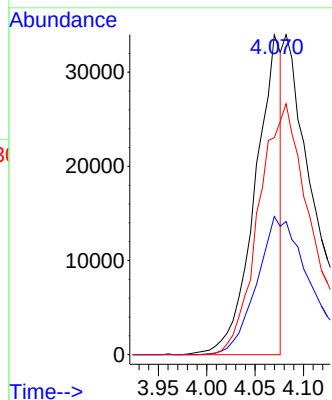
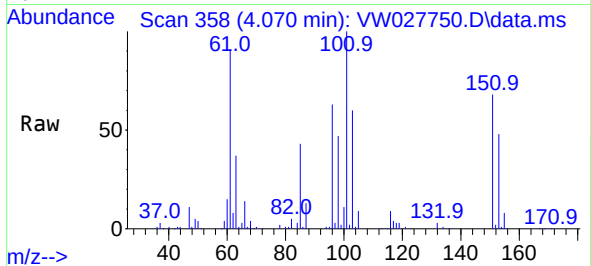




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.064 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW027750.D
 Acq: 19 Dec 2023 00:09

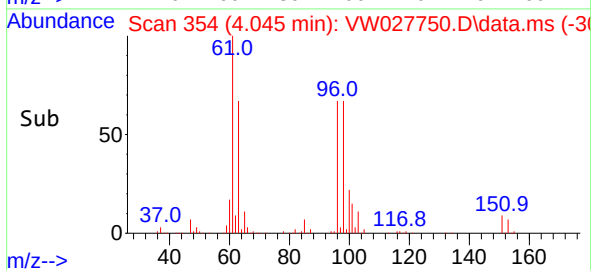
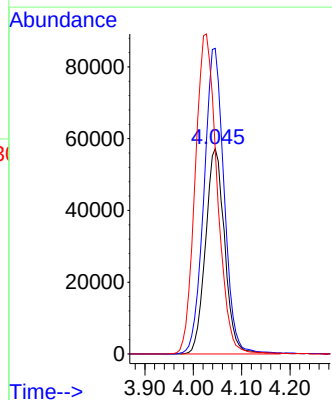
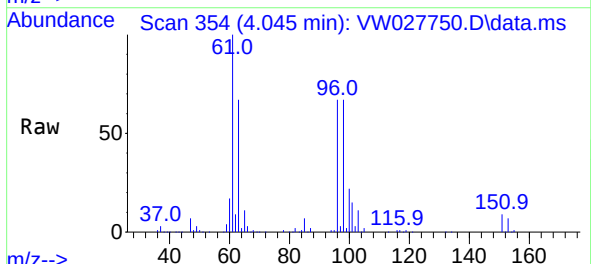
Instrument :
 MSVOA_W
 ClientSampleId :

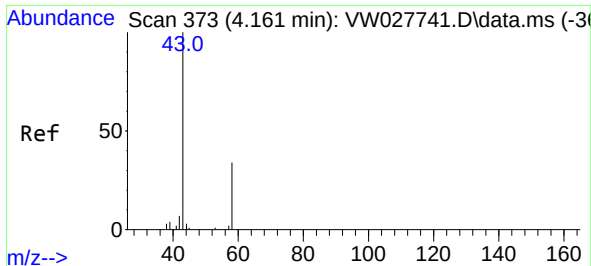
Tgt Ion:101 Resp: 64263
 Ion Ratio Lower Upper
 101 100
 85 91.6 33.0 49.4#
 151 168.5 58.9 88.3#



#12
 1,1-Dichloroethene
 Concen: 22.727 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027750.D
 Acq: 19 Dec 2023 00:09

Tgt Ion: 96 Resp: 157732
 Ion Ratio Lower Upper
 96 100
 61 148.8 110.9 206.1
 63 99.6 73.6 136.6

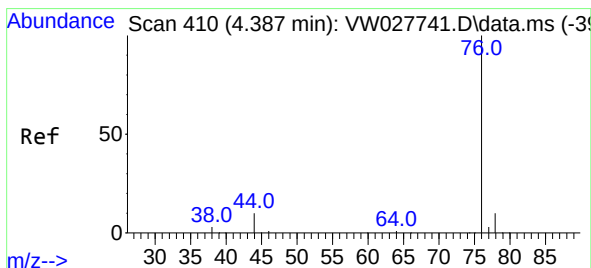
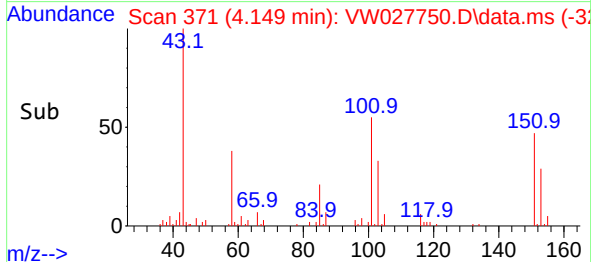
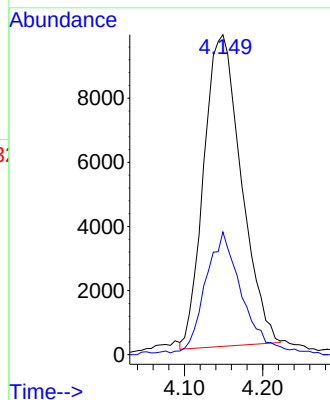
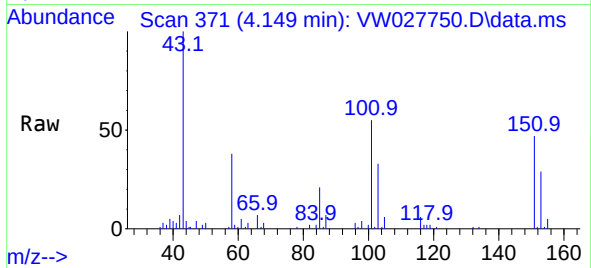




#13
Acetone
Concen: 26.109 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.037 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

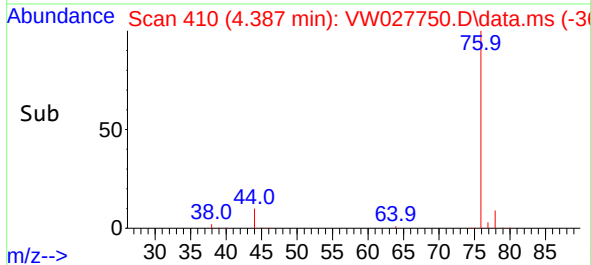
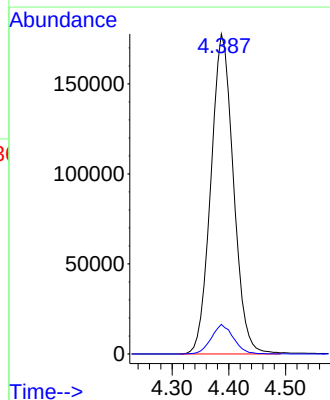
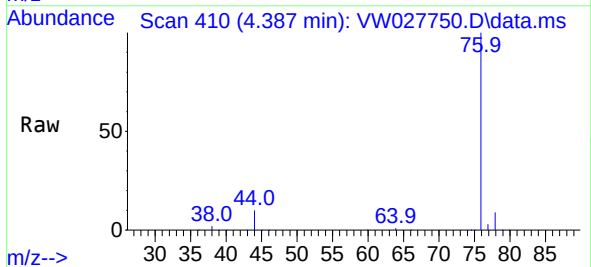
Instrument :
MSVOA_W
ClientSampleId :

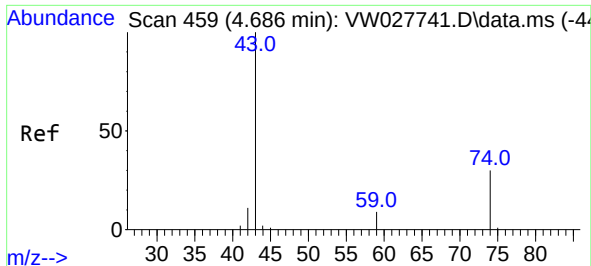
Tgt Ion: 43 Resp: 32385
Ion Ratio Lower Upper
43 100
58 38.6 0.0 68.6



#14
Carbon disulfide
Concen: 21.107 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion: 76 Resp: 492117
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

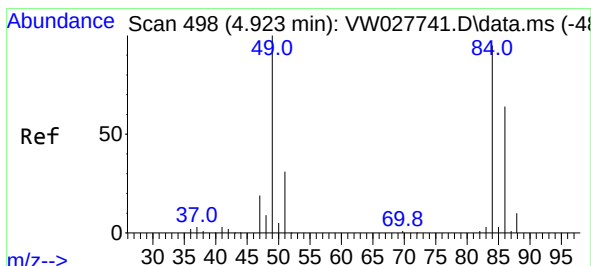
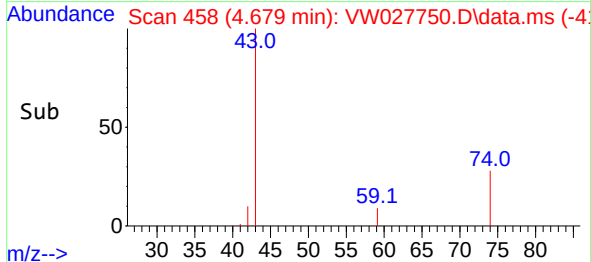
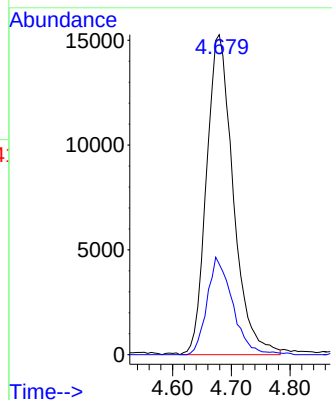
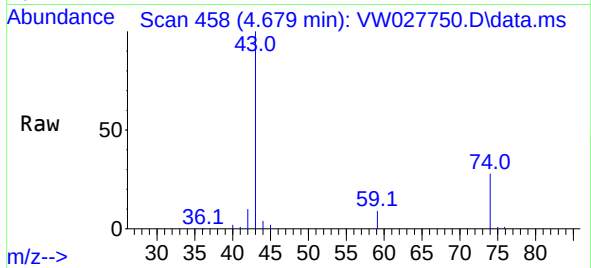




#15
Methyl Acetate
Concen: 21.544 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.018 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

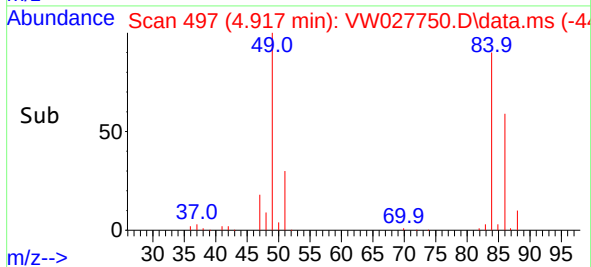
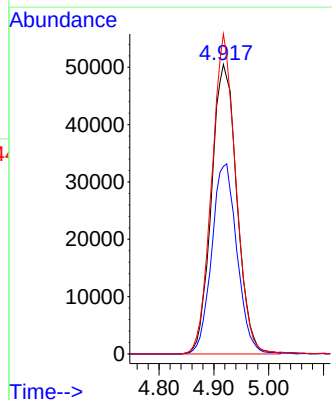
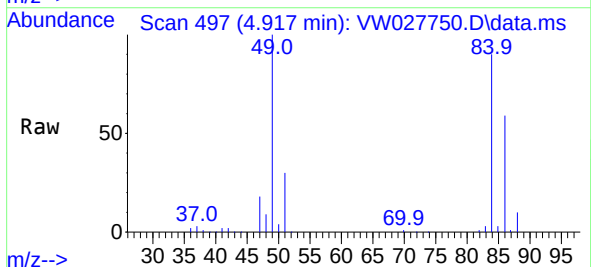
Instrument :
MSVOA_W
ClientSampleId :

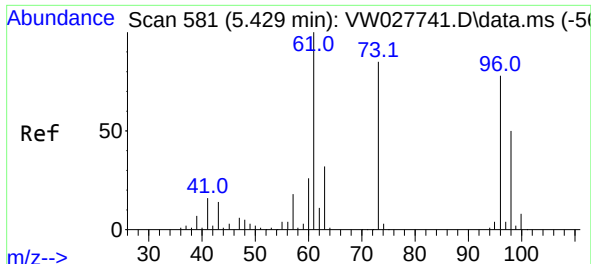
Tgt Ion: 43 Resp: 48279
Ion Ratio Lower Upper
43 100
74 28.8 22.1 33.1



#16
Methylene chloride
Concen: 18.314 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion: 84 Resp: 162703
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.2
49 110.5 76.2 141.6

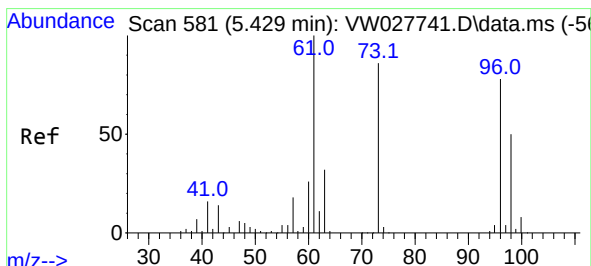
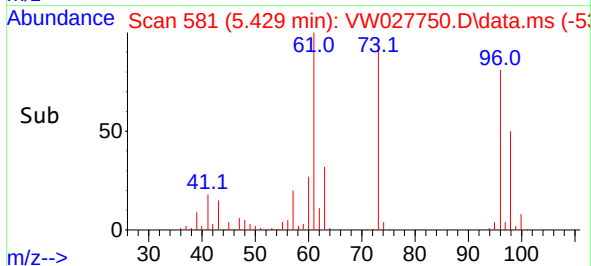
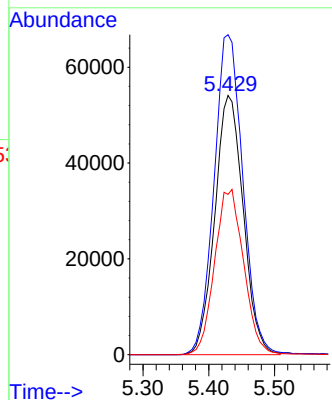
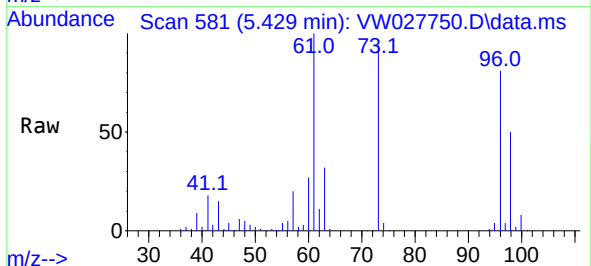




#17
trans-1,2-Dichloroethene
Concen: 22.235 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

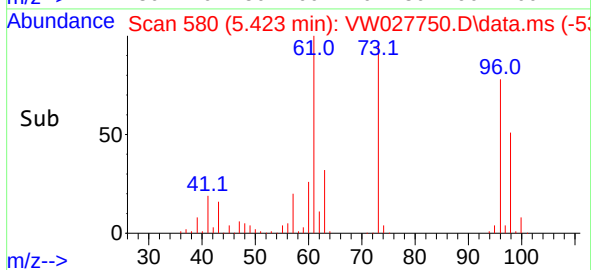
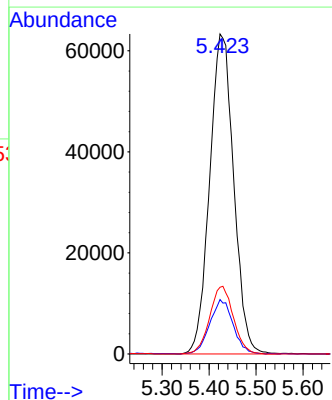
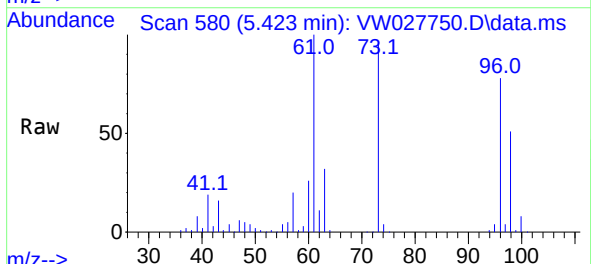
Instrument :
MSVOA_W
ClientSampleId :

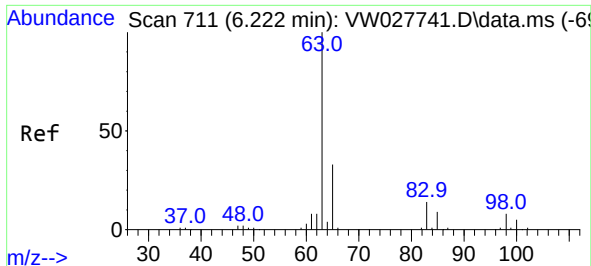
Tgt Ion: 96 Resp: 163181
Ion Ratio Lower Upper
96 100
61 123.5 88.5 164.3
98 61.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.176 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

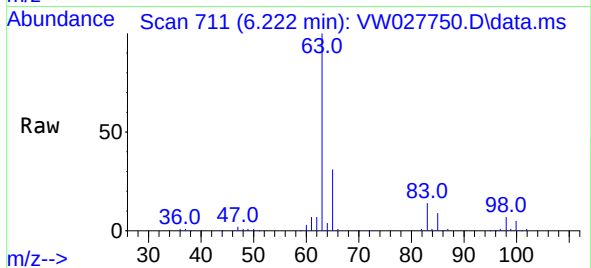
Tgt Ion: 73 Resp: 224870
Ion Ratio Lower Upper
73 100
43 16.5 13.5 20.3
57 20.8 17.4 26.0



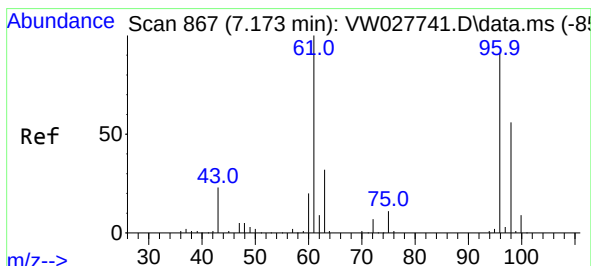
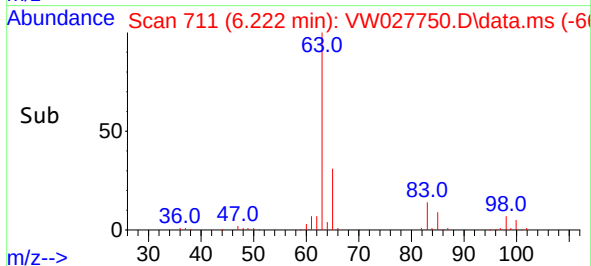
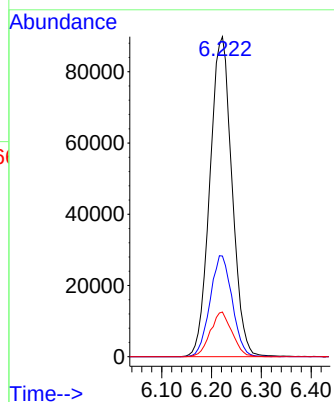


#19
1,1-Dichloroethane
Concen: 22.131 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Instrument :
MSVOA_W
ClientSampleId :

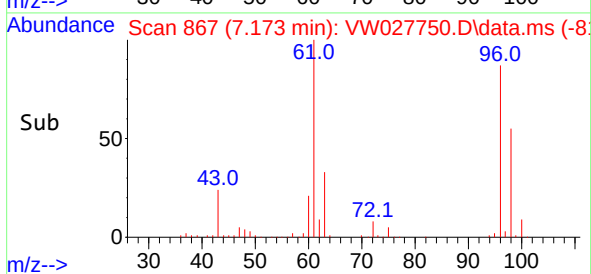
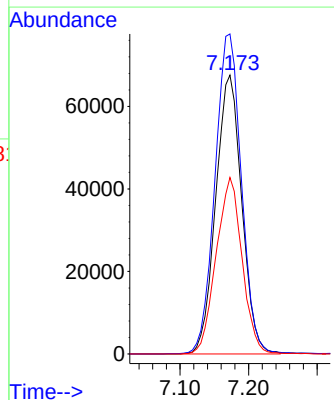
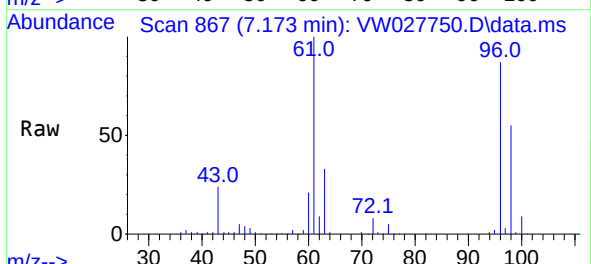


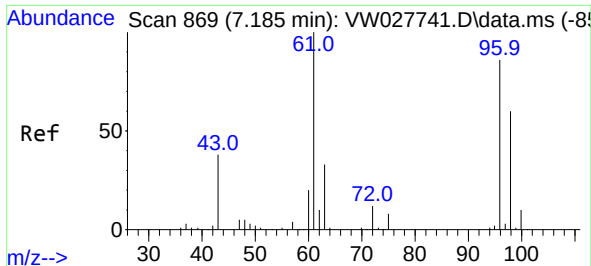
Tgt Ion: 63 Resp: 276184
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.8
83 14.0 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 23.064 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion: 96 Resp: 178184
Ion Ratio Lower Upper
96 100
61 114.8 83.5 155.1
98 63.3 46.5 86.5

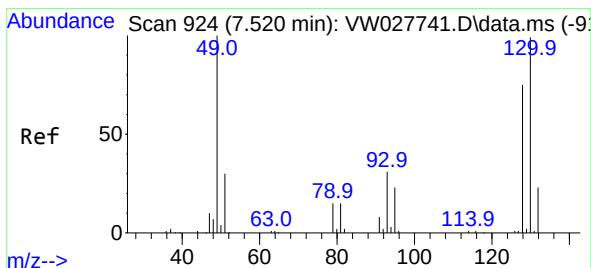
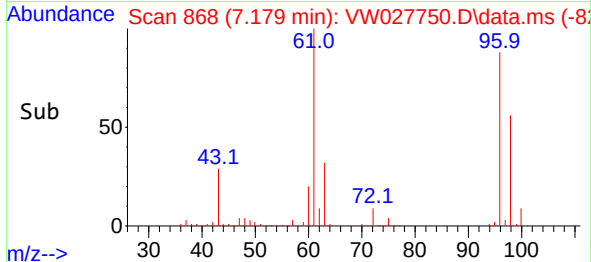
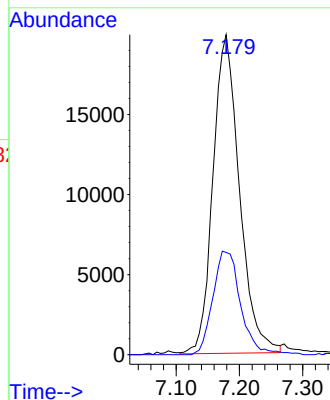
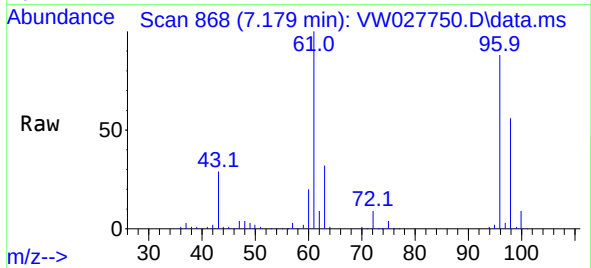




#22
2-Butanone
Concen: 35.144 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.018 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

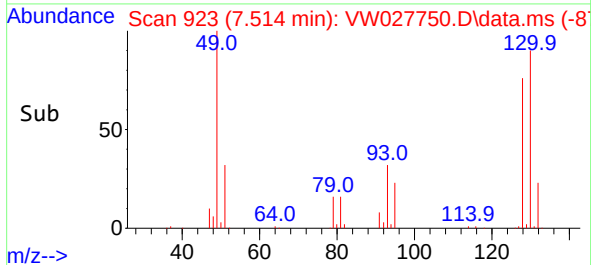
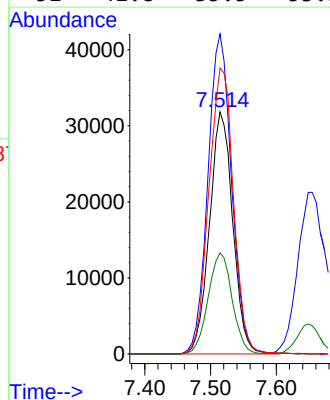
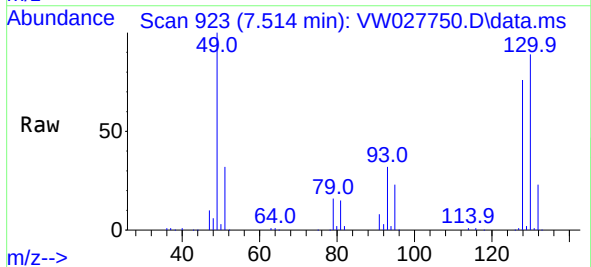
Instrument :
MSVOA_W
ClientSampleId :

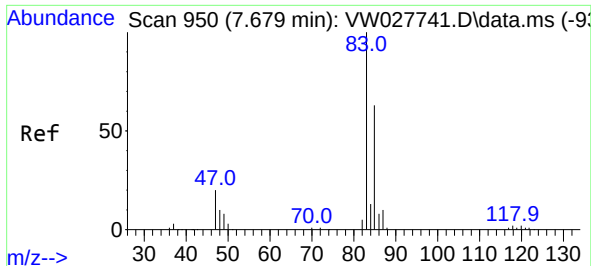
Tgt Ion: 43 Resp: 57887
Ion Ratio Lower Upper
43 100
72 33.4 16.1 48.2



#23
Bromochloromethane
Concen: 24.033 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion:128 Resp: 78402
Ion Ratio Lower Upper
128 100
49 132.2 94.1 174.7
130 118.1 86.2 160.0
51 41.8 35.5 53.3





#25

Chloroform

Concen: 22.642 ug/L

RT: 7.673 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

Instrument :

MSVOA_W

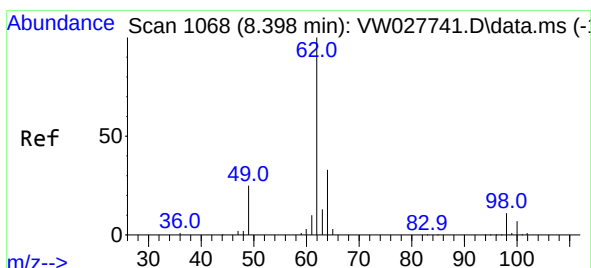
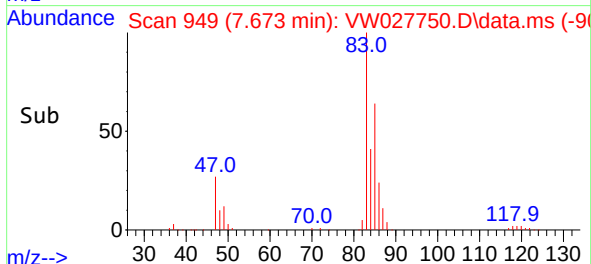
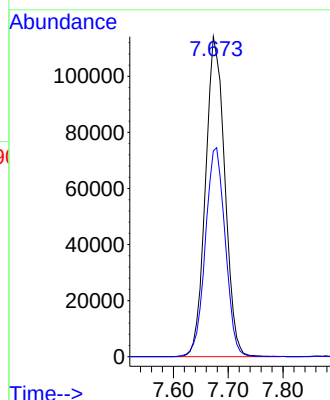
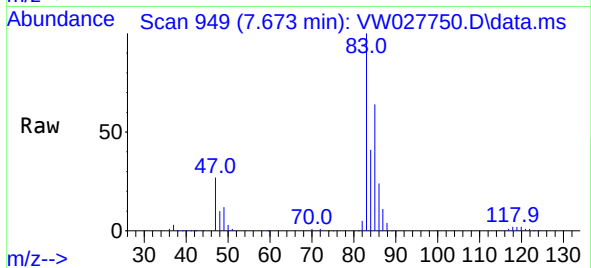
ClientSampleId :

Tgt Ion: 83 Resp: 278278

Ion Ratio Lower Upper

83 100

85 64.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 22.967 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW027750.D

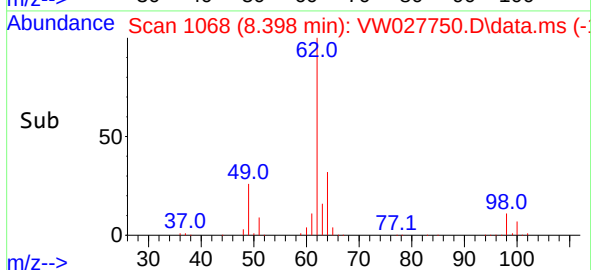
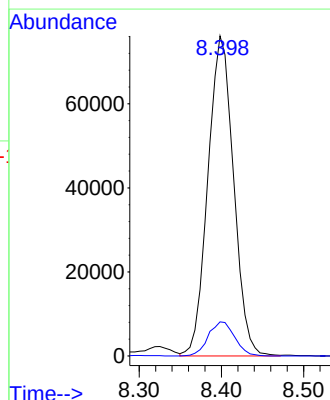
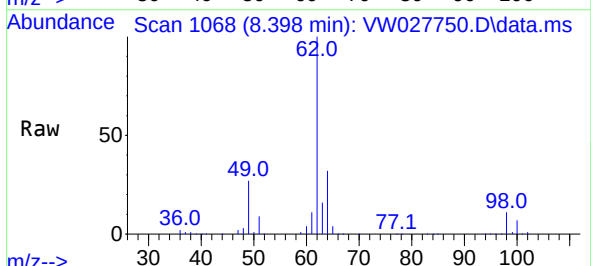
Acq: 19 Dec 2023 00:09

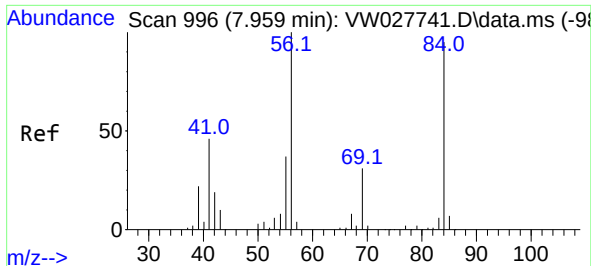
Tgt Ion: 62 Resp: 165492

Ion Ratio Lower Upper

62 100

98 10.7 8.1 12.1





#29

Cyclohexane

Concen: 20.767 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

Instrument :

MSVOA_W

ClientSampleId :

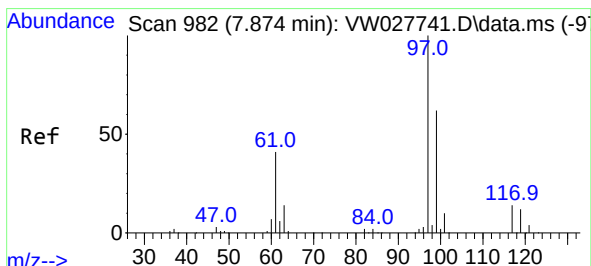
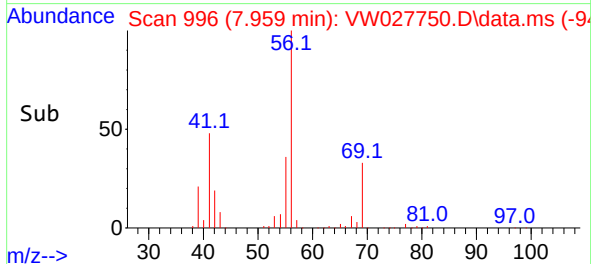
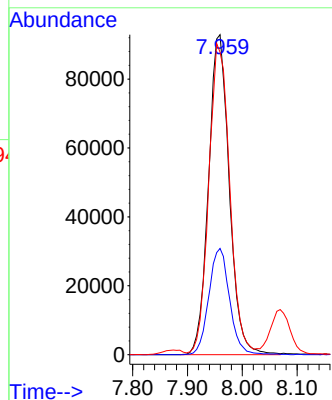
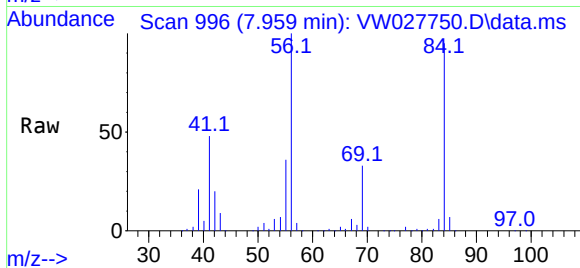
Tgt Ion: 56 Resp: 244637

Ion Ratio Lower Upper

56 100

69 33.1 25.7 38.5

84 97.3 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 22.631 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

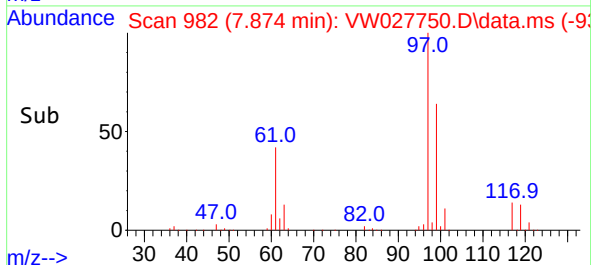
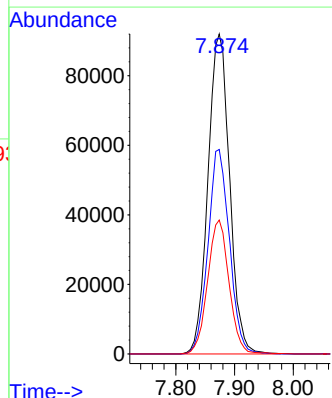
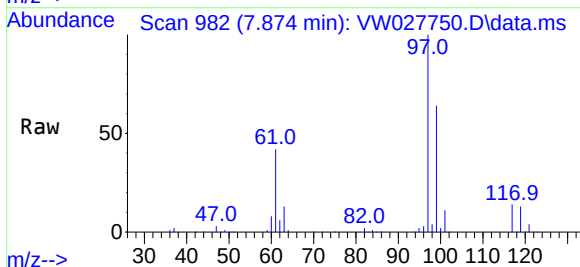
Tgt Ion: 97 Resp: 235360

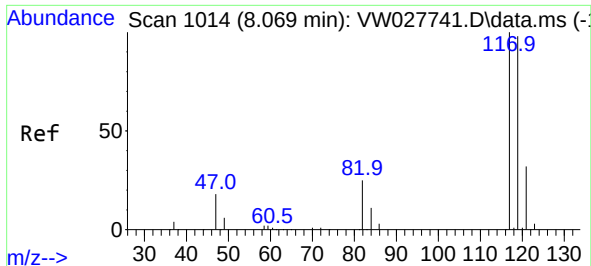
Ion Ratio Lower Upper

97 100

99 63.5 51.1 76.7

61 41.4 34.2 51.4

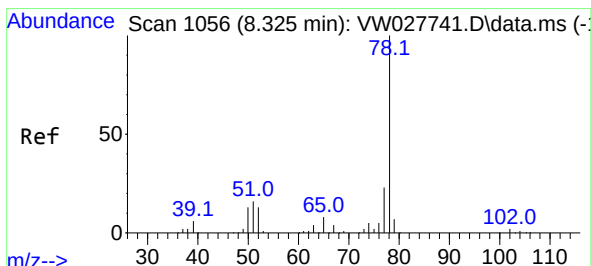
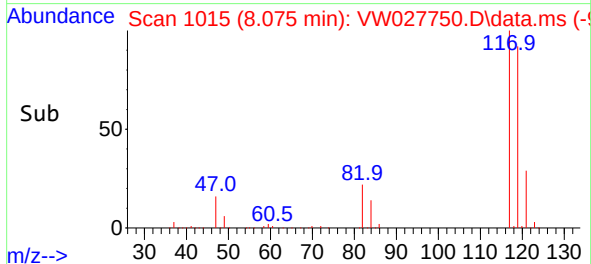
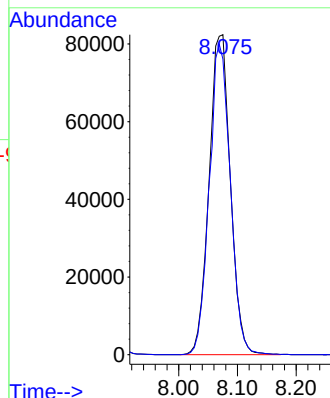
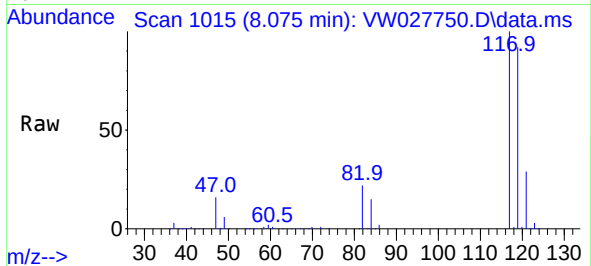




#31
Carbon tetrachloride
Concen: 22.719 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

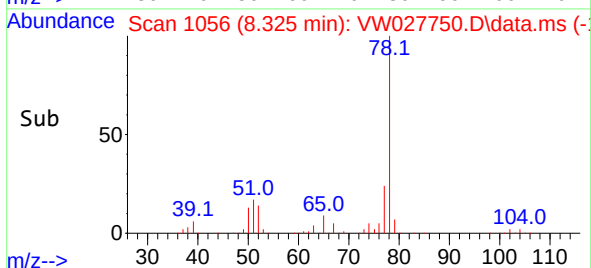
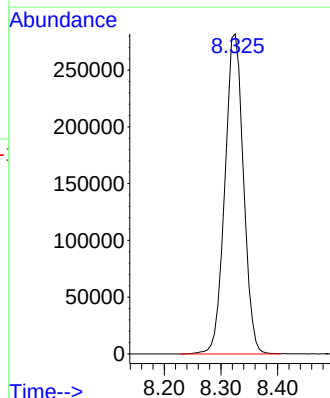
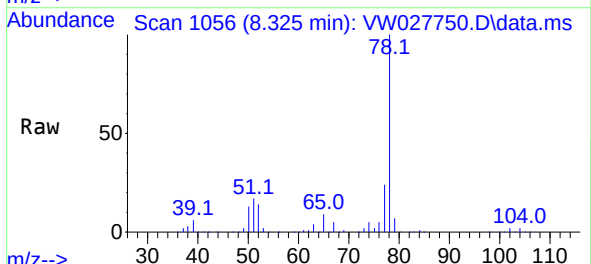
Instrument :
MSVOA_W
ClientSampleId :

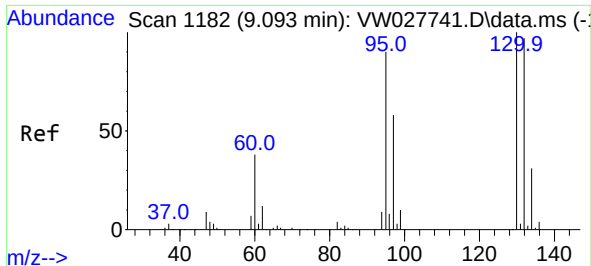
Tgt Ion:117 Resp: 207936
Ion Ratio Lower Upper
117 100
119 95.6 74.6 112.0



#33
Benzene
Concen: 22.253 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion: 78 Resp: 642259





#34

Trichloroethene

Concen: 21.858 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 171957

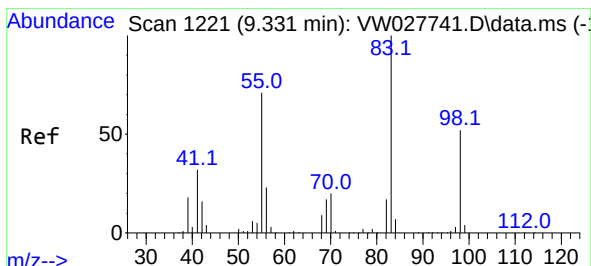
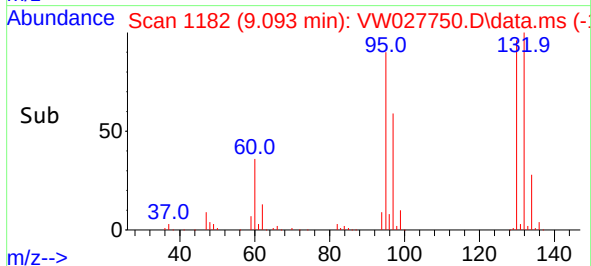
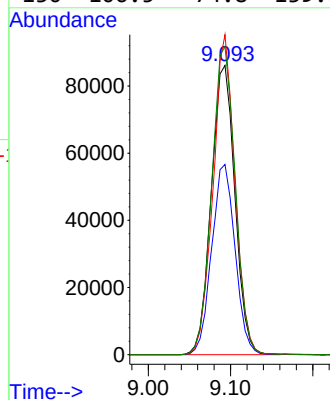
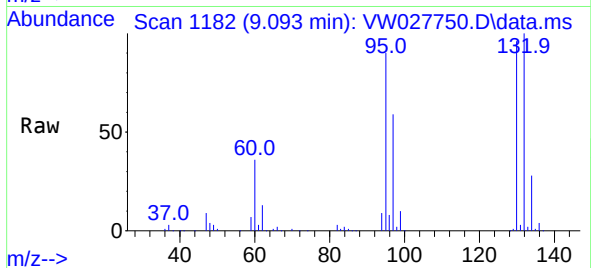
Ion Ratio Lower Upper

95 100

97 65.8 45.9 85.3

132 110.6 70.4 130.8

130 106.5 74.8 139.0



#35

Methylcyclohexane

Concen: 21.305 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

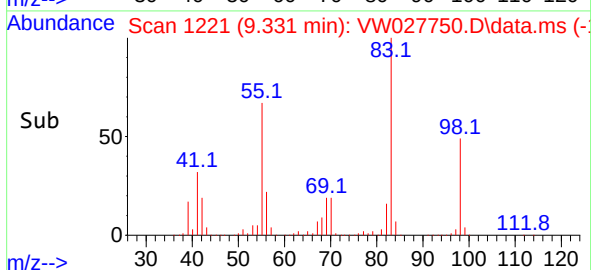
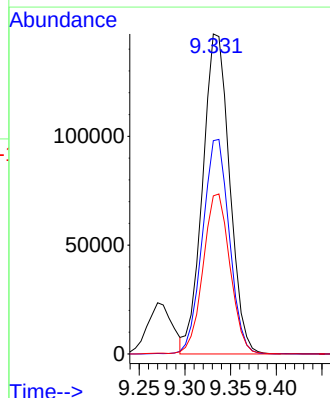
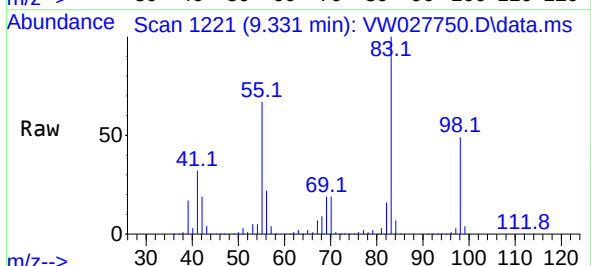
Tgt Ion: 83 Resp: 302308

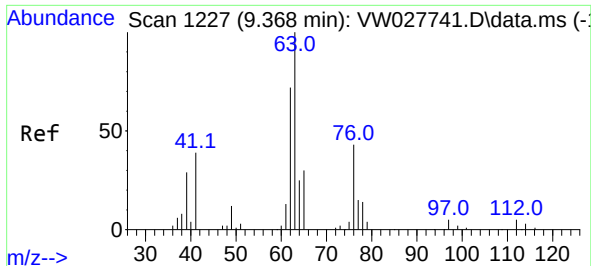
Ion Ratio Lower Upper

83 100

55 66.6 55.1 82.7

98 50.0 39.3 58.9





#37

1,2-Dichloropropane

Concen: 22.362 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

Instrument :

MSVOA_W

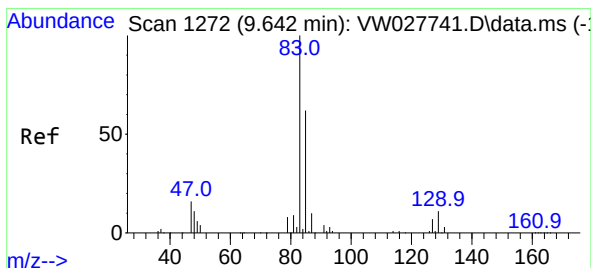
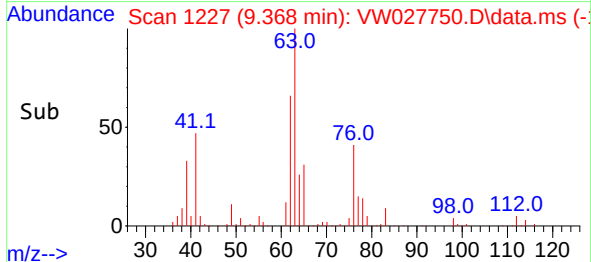
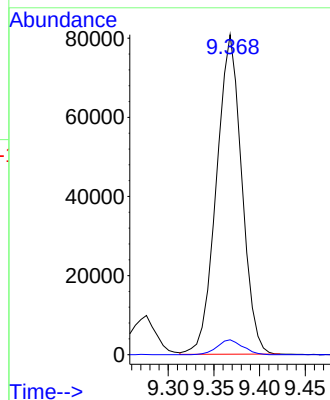
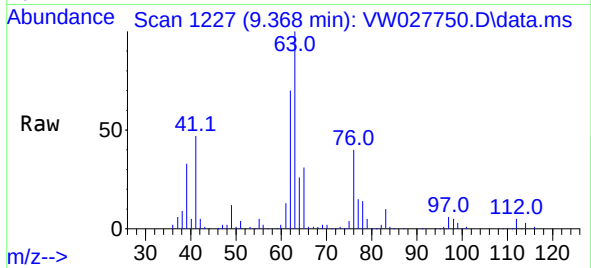
ClientSampleId :

Tgt Ion: 63 Resp: 155797

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 23.445 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

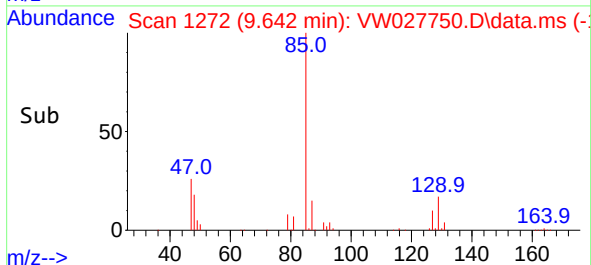
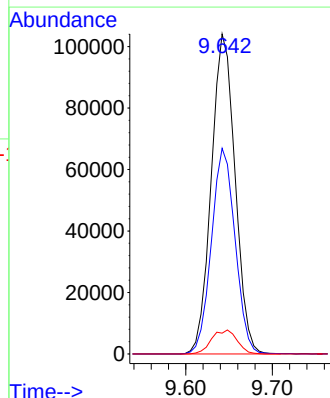
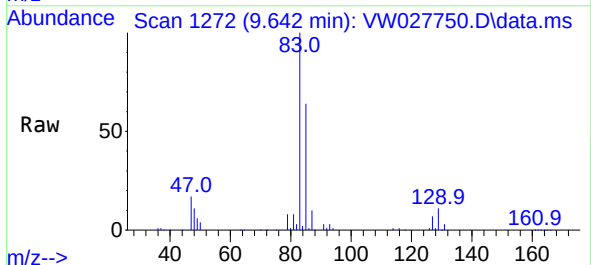
Tgt Ion: 83 Resp: 198535

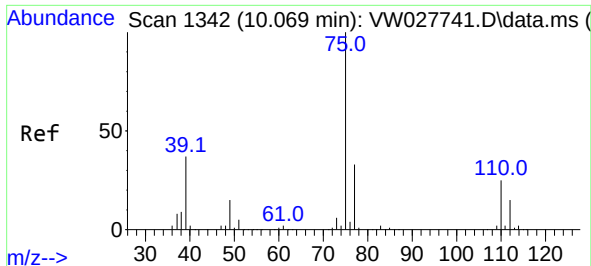
Ion Ratio Lower Upper

83 100

85 64.3 45.3 84.1

127 6.5 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 23.691 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

Instrument :

MSVOA_W

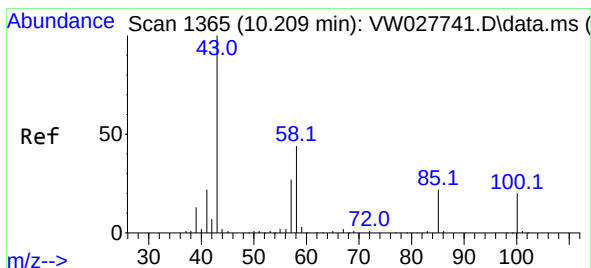
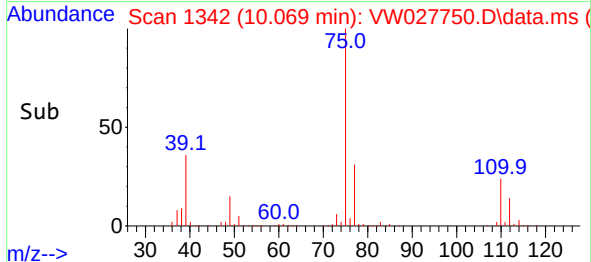
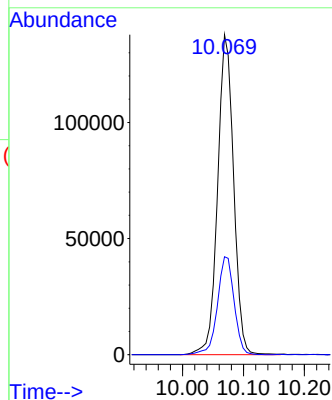
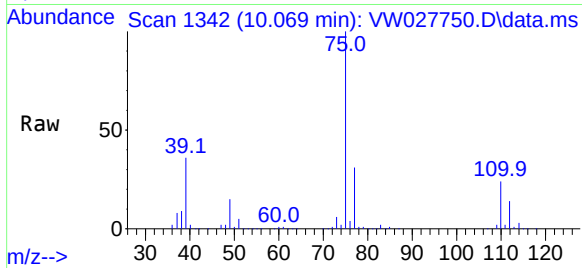
ClientSampleId :

Tgt Ion: 75 Resp: 251572

Ion Ratio Lower Upper

75 100

77 30.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 45.509 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

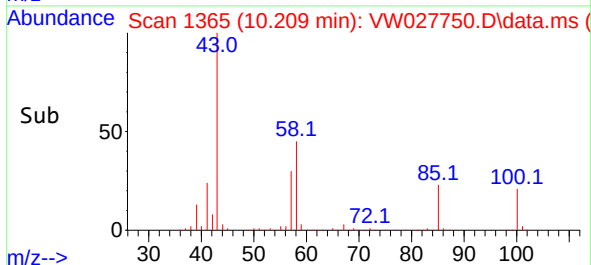
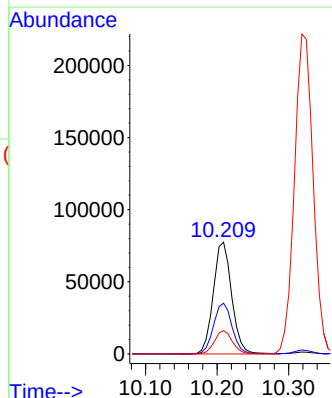
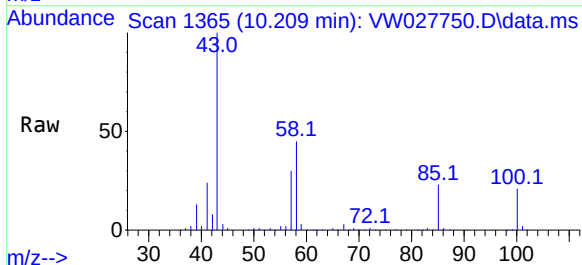
Tgt Ion: 43 Resp: 138577

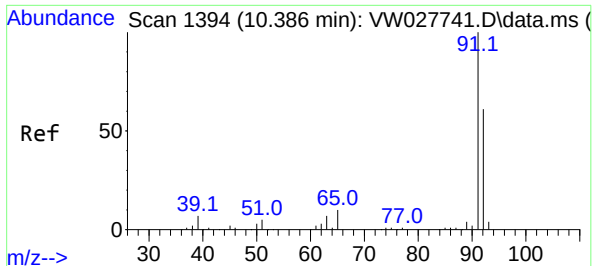
Ion Ratio Lower Upper

43 100

58 45.8 36.1 54.1

100 20.4 15.8 23.8

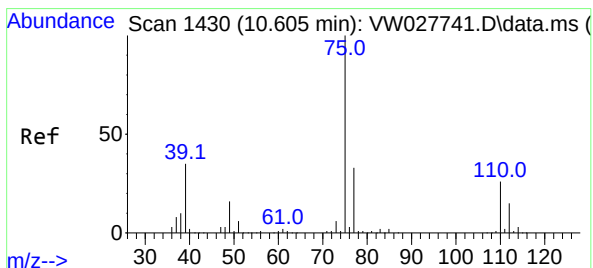
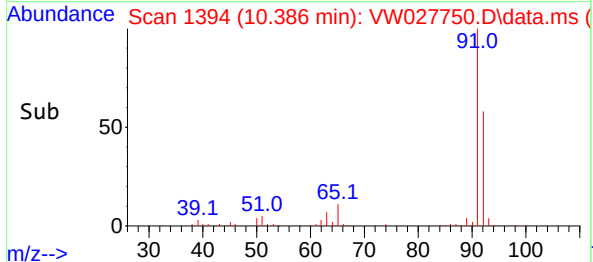
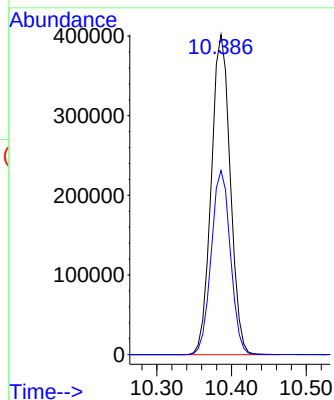
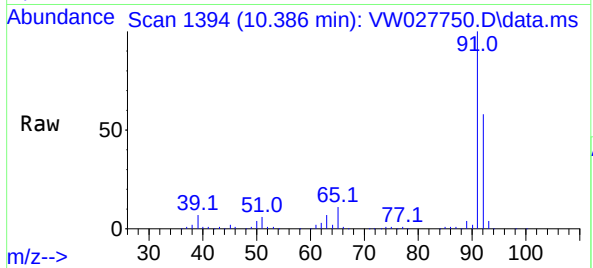




#42
Toluene
Concen: 22.841 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

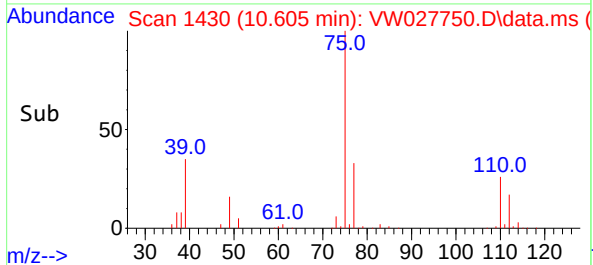
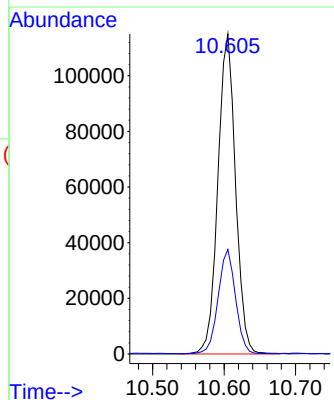
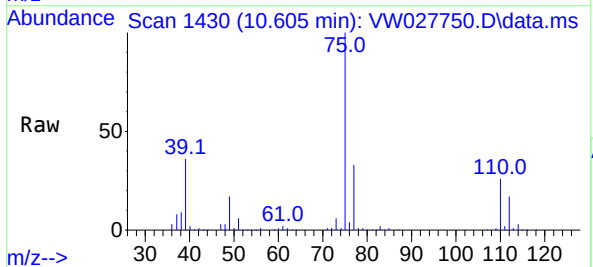
Instrument :
MSVOA_W
ClientSampleId :

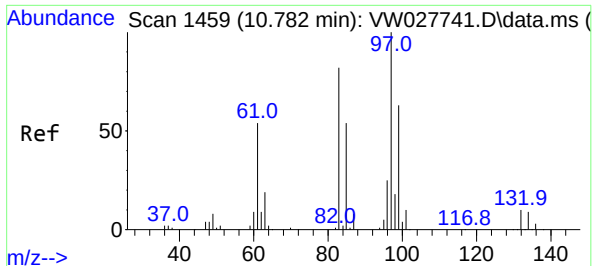
Tgt Ion: 91 Resp: 709316
Ion Ratio Lower Upper
91 100
92 57.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 23.568 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion: 75 Resp: 197081
Ion Ratio Lower Upper
75 100
77 32.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 23.129 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 119302

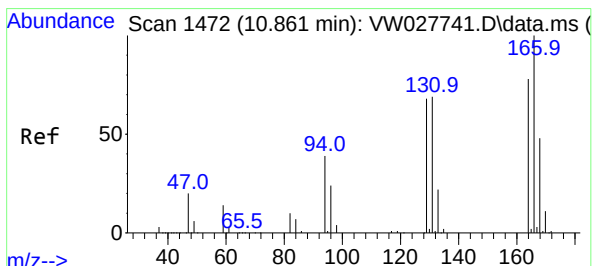
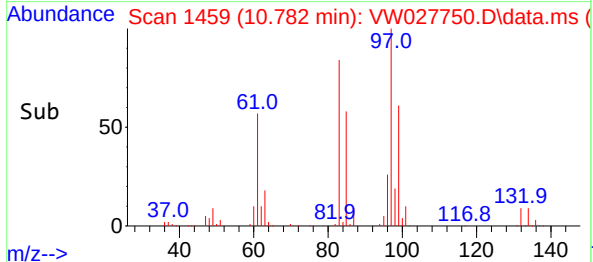
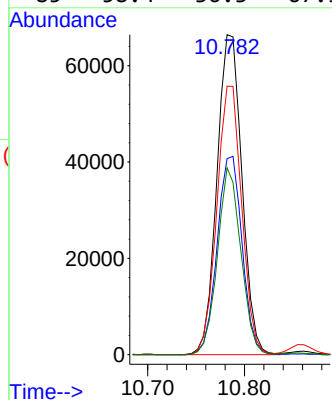
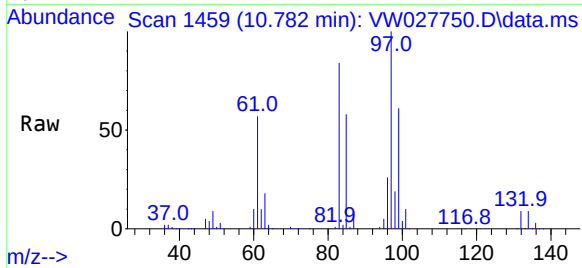
Ion Ratio Lower Upper

97 100

99 61.3 43.4 80.6

83 83.9 59.0 109.6

85 58.4 36.3 67.5



#46

Tetrachloroethene

Concen: 22.209 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

Tgt Ion:164 Resp: 139519

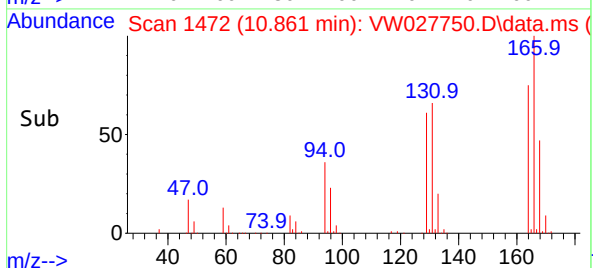
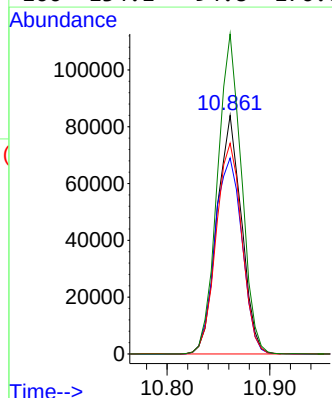
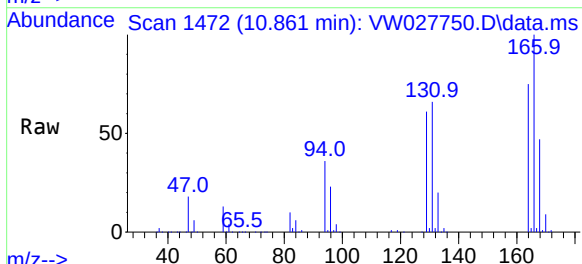
Ion Ratio Lower Upper

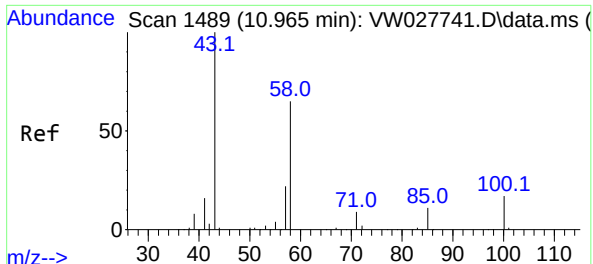
164 100

129 82.1 70.5 130.9

131 88.3 64.8 120.3

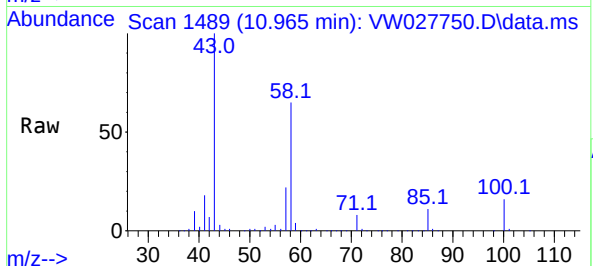
166 134.1 94.8 176.0





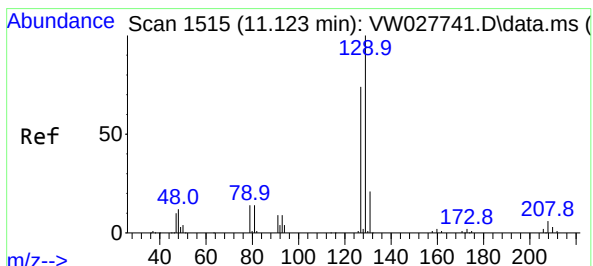
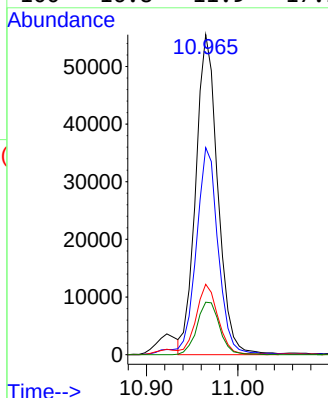
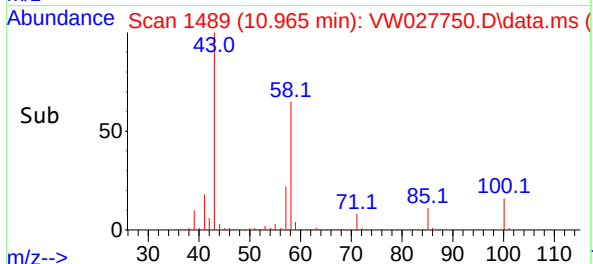
#48
2-Hexanone
Concen: 41.136 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 93234

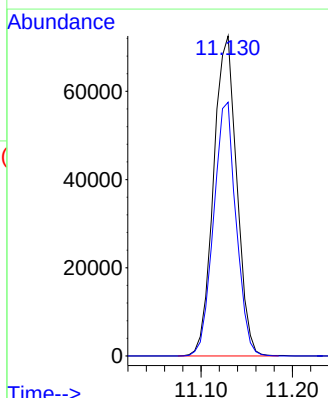
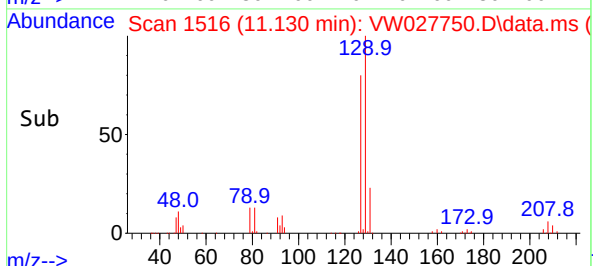
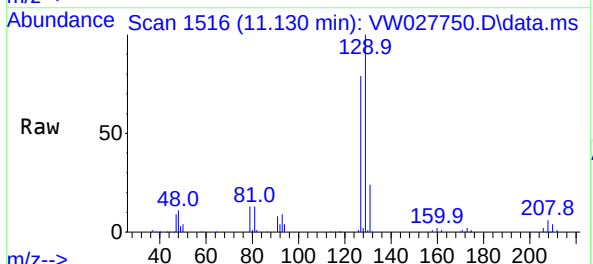
Ion	Ratio	Lower	Upper
43	100		
58	63.7	50.4	75.6
57	22.0	17.0	25.6
100	16.8	11.9	17.9

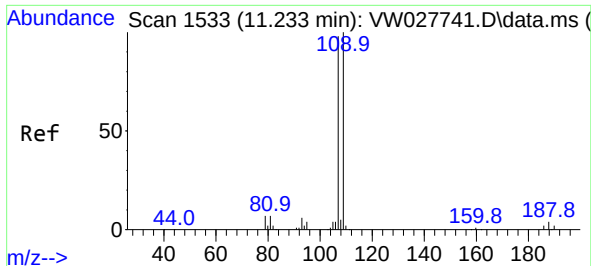


#49
Dibromochloromethane
Concen: 23.746 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion: 129 Resp: 128103

Ion	Ratio	Lower	Upper
129	100		
127	79.3	55.4	102.8





#50

1,2-Dibromoethane

Concen: 23.155 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027750.D

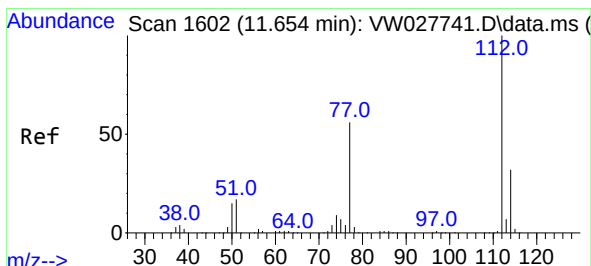
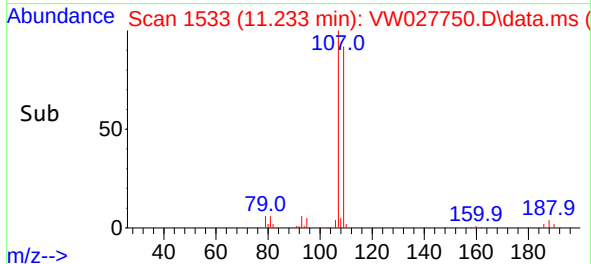
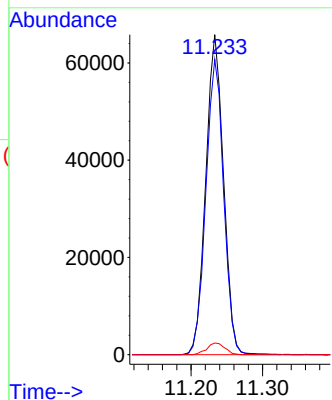
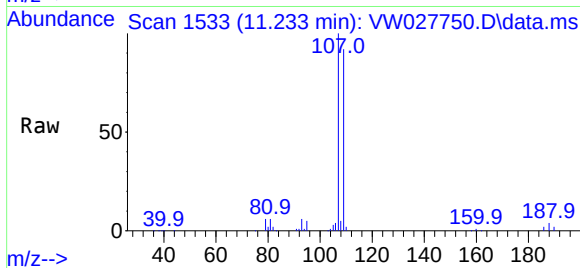
Acq: 19 Dec 2023 00:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	113502
Ion	Ratio	Lower Upper
107	100	
109	92.2	72.1 133.9
188	3.6	3.0 4.4



#51

Chlorobenzene

Concen: 22.573 ug/L

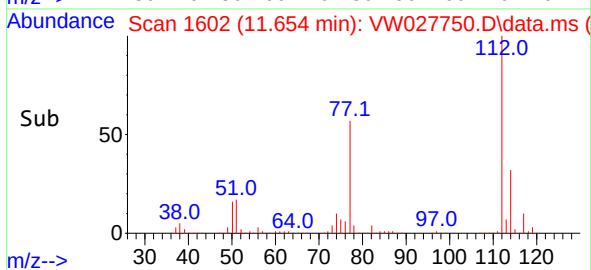
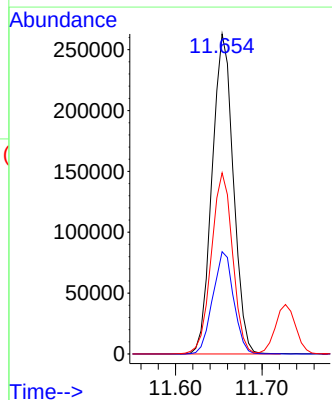
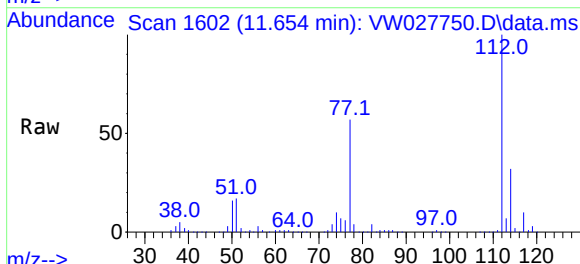
RT: 11.654 min Scan# 1602

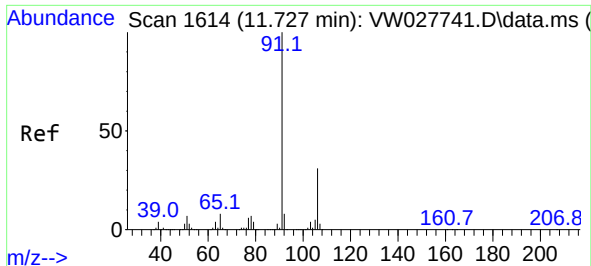
Delta R.T. -0.000 min

Lab File: VW027750.D

Acq: 19 Dec 2023 00:09

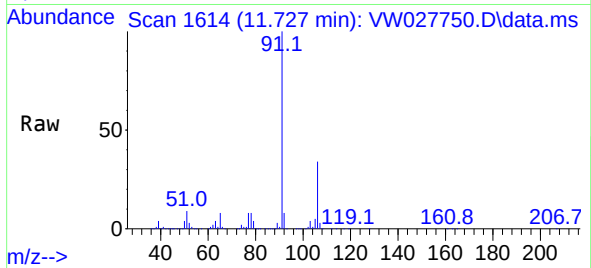
Tgt Ion:112	Resp:	447843
Ion	Ratio	Lower Upper
112	100	
114	32.0	25.0 46.4
77	56.6	48.1 72.1



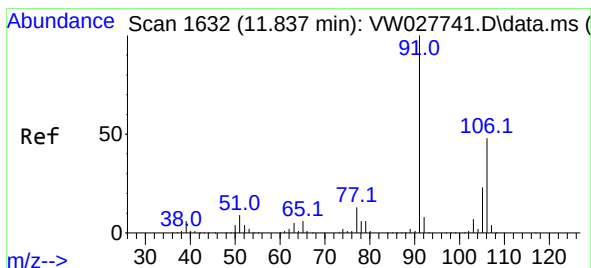
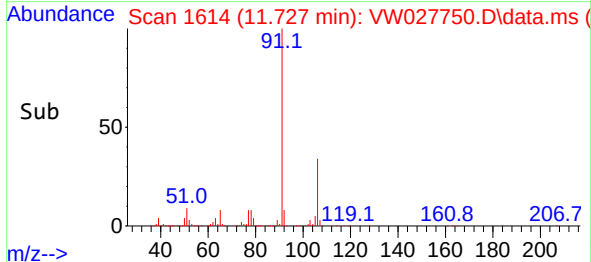
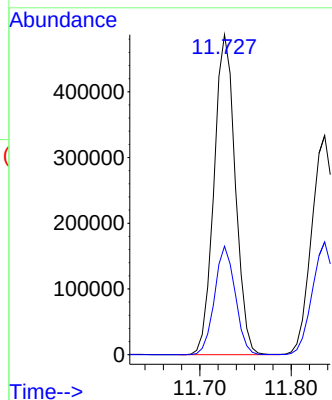


#52
Ethylbenzene
Concen: 22.474 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Instrument :
MSVOA_W
ClientSampleId :

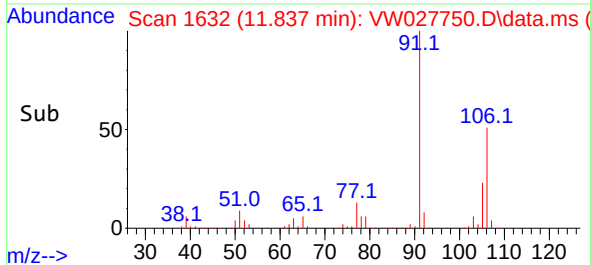
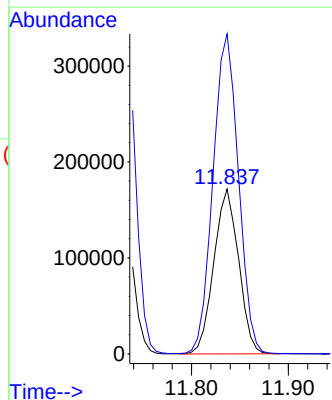
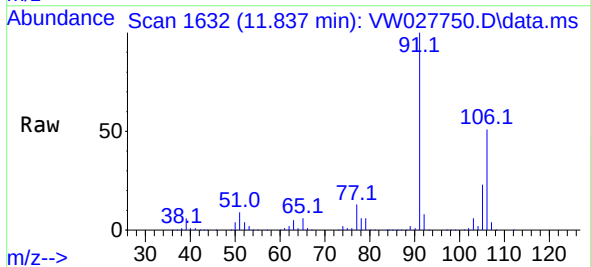


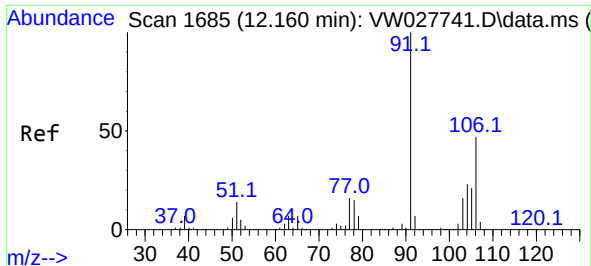
Tgt Ion: 91 Resp: 786447
Ion Ratio Lower Upper
91 100
106 33.9 23.7 44.1



#53
m,p-Xylene
Concen: 22.697 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion:106 Resp: 305073
Ion Ratio Lower Upper
106 100
91 194.3 135.7 251.9

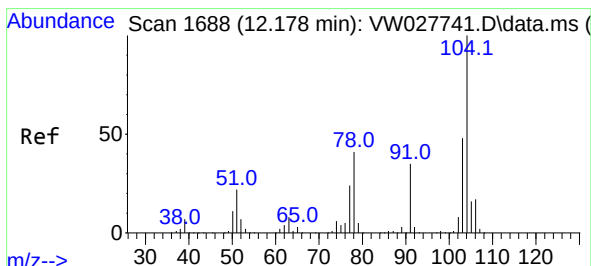
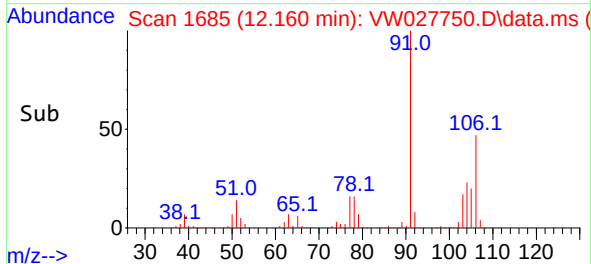
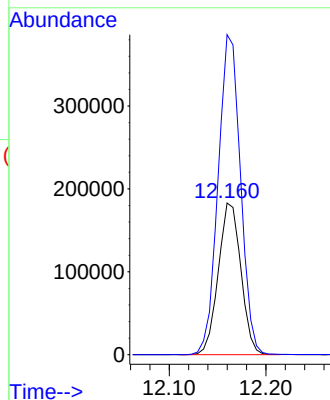
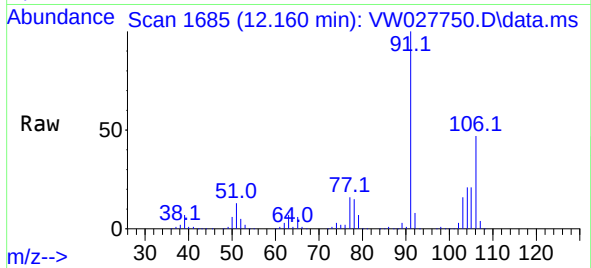




#54
o-Xylene
Concen: 23.682 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

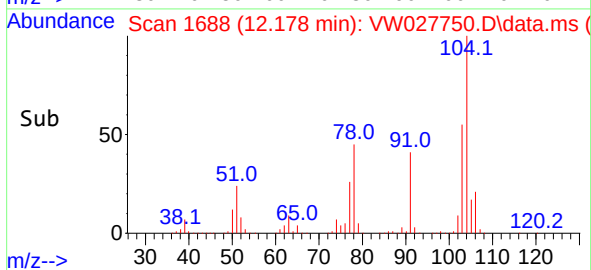
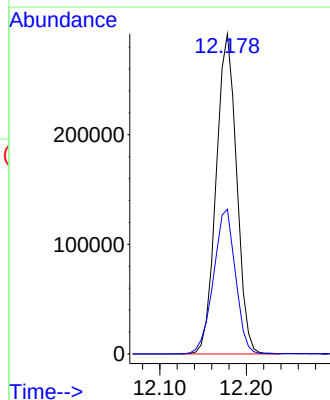
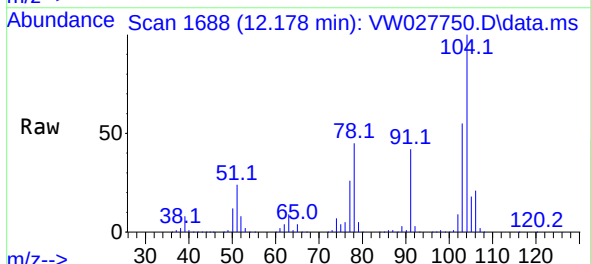
Instrument :
MSVOA_W
ClientSampleId :

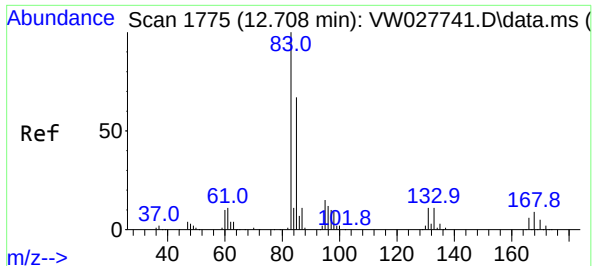
Tgt Ion:106 Resp: 296405
Ion Ratio Lower Upper
106 100
91 210.9 149.9 278.3



#55
Styrene
Concen: 22.778 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion:104 Resp: 480593
Ion Ratio Lower Upper
104 100
78 45.3 29.6 55.0

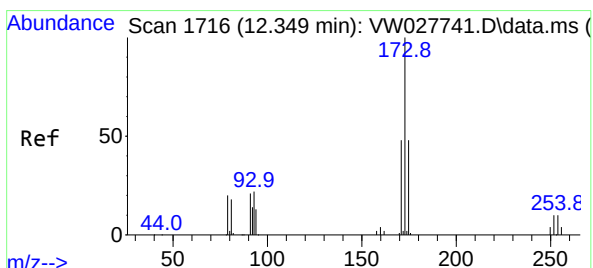
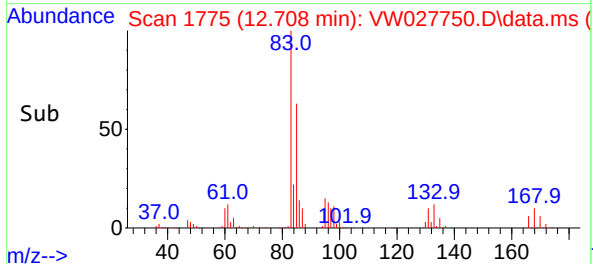
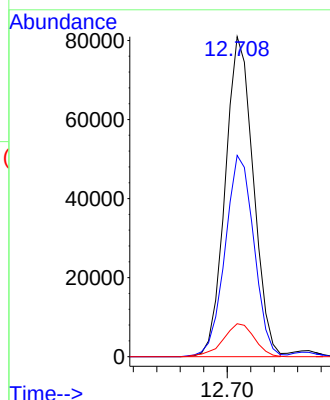
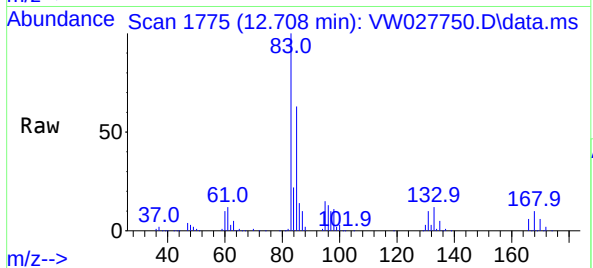




#57
1,1,2,2-Tetrachloroethane
Concen: 22.848 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

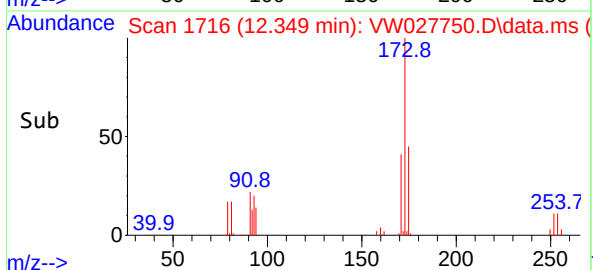
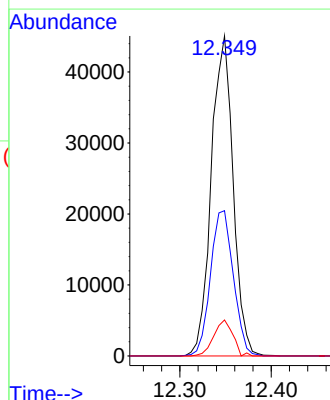
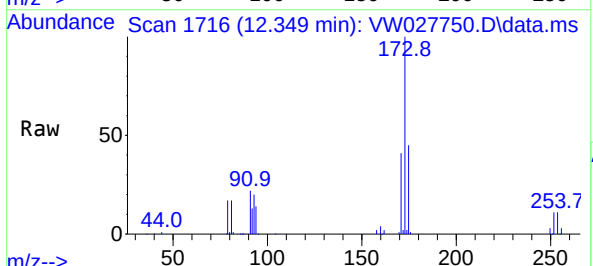
Instrument :
MSVOA_W
ClientSampleId :

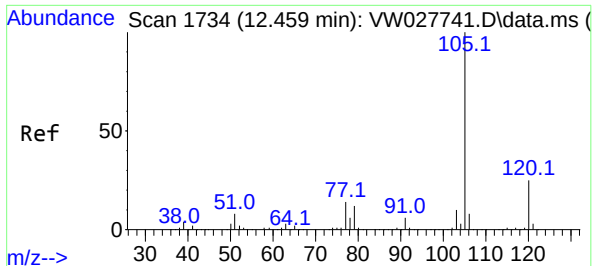
Tgt Ion: 83 Resp: 134341
Ion Ratio Lower Upper
83 100
85 62.9 45.8 85.2
131 10.3 7.0 10.6



#59
Bromoform
Concen: 23.731 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion:173 Resp: 74795
Ion Ratio Lower Upper
173 100
175 47.5 36.3 54.5
254 9.6 7.5 11.3

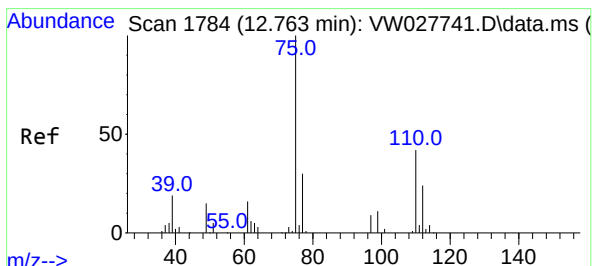
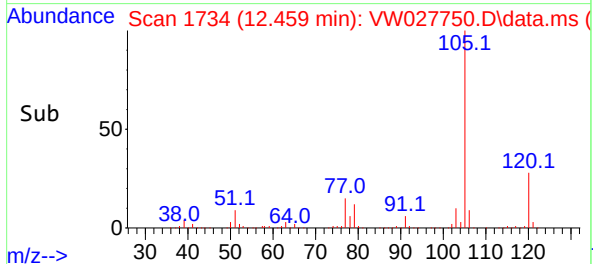
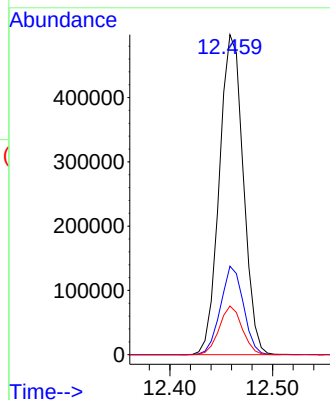
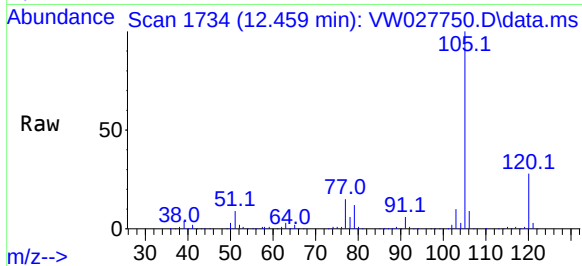




#60
Isopropylbenzene
Concen: 22.152 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

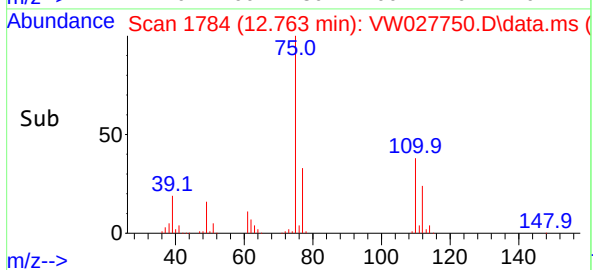
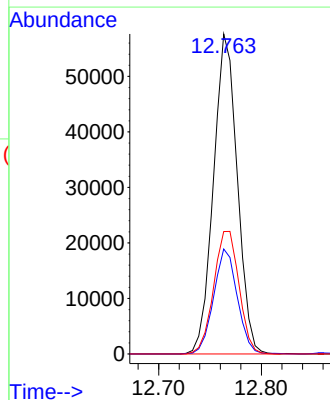
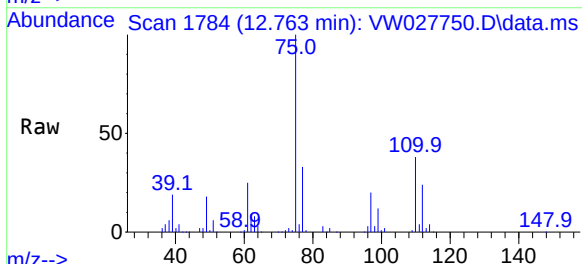
Instrument :
MSVOA_W
ClientSampleId :

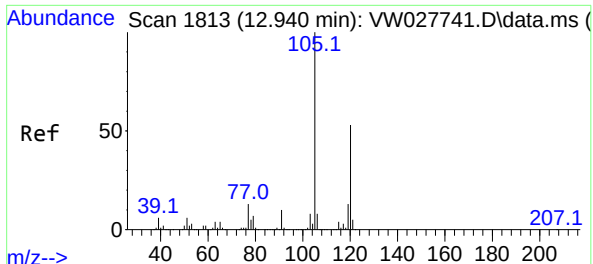
Tgt Ion:105 Resp: 805023
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4
77 14.6 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 21.598 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion: 75 Resp: 92687
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 40.8 32.2 48.2

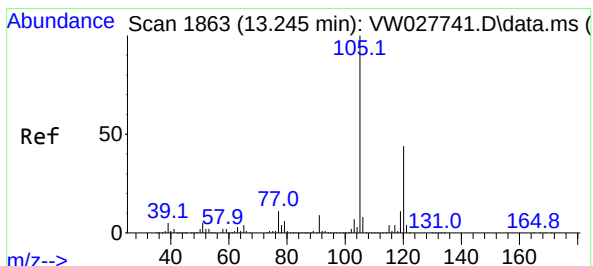
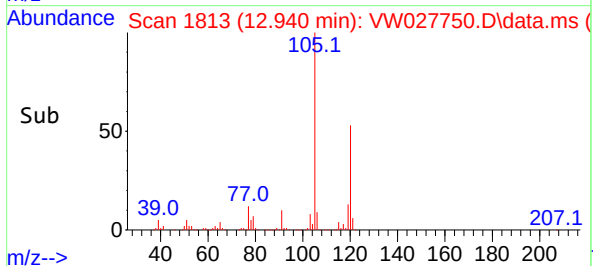
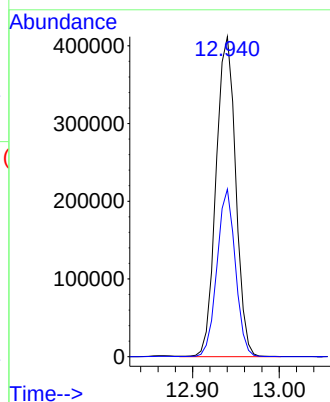
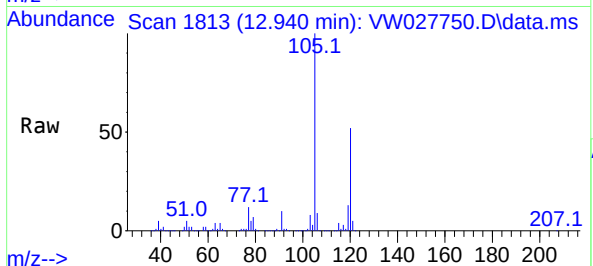




#62
1,3,5-Trimethylbenzene
Concen: 22.319 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

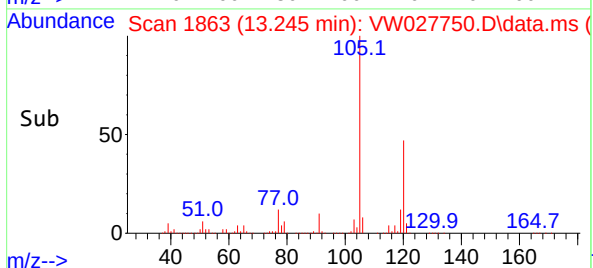
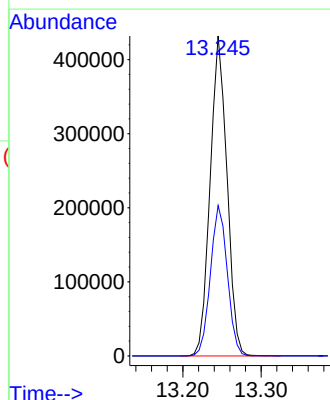
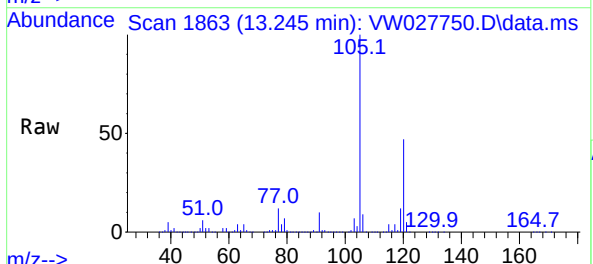
Instrument :
MSVOA_W
ClientSampleId :

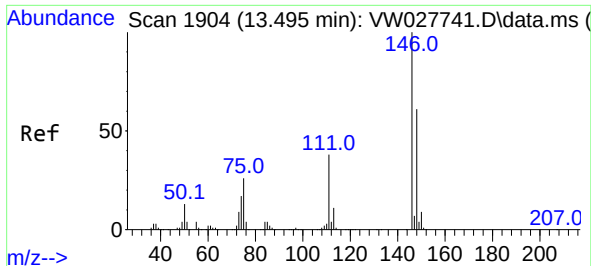
Tgt Ion:105 Resp: 648375
Ion Ratio Lower Upper
105 100
120 49.0 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 22.505 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

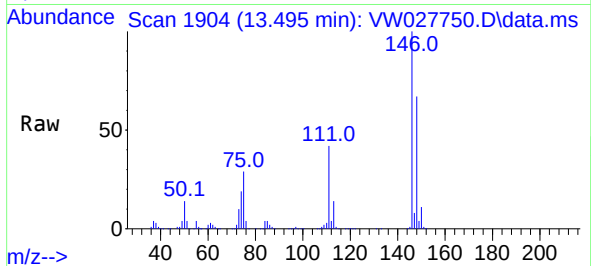
Tgt Ion:105 Resp: 643551
Ion Ratio Lower Upper
105 100
120 47.2 36.4 54.6



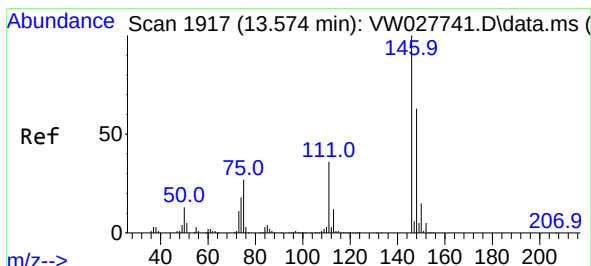
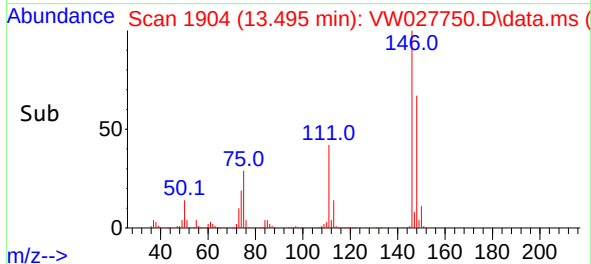
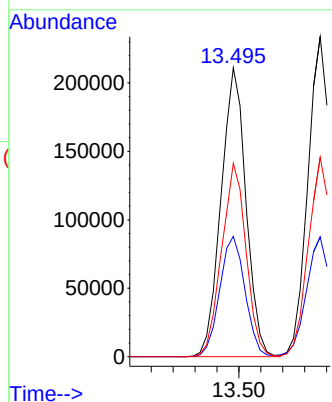


#64
1,3-Dichlorobenzene
Concen: 21.245 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Instrument :
MSVOA_W
ClientSampleId :

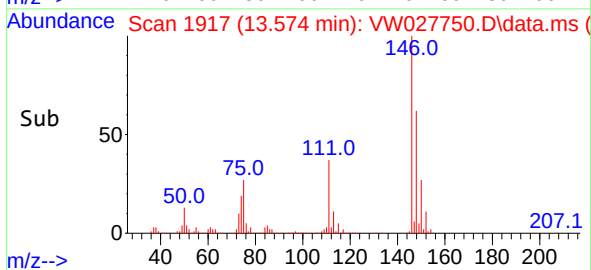
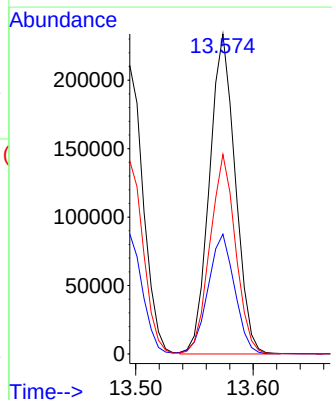
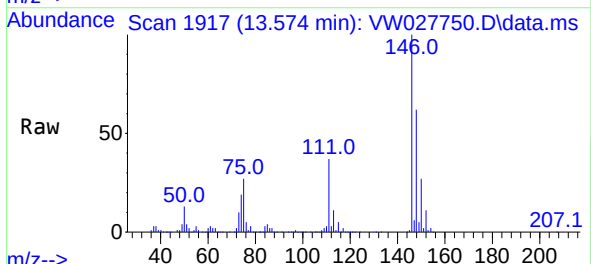


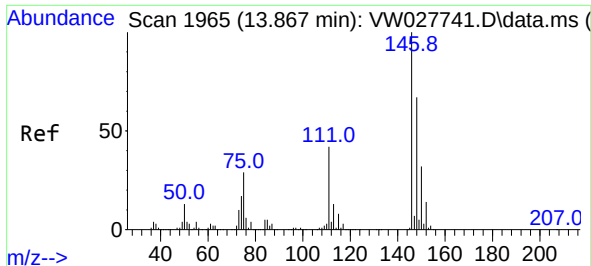
Tgt Ion:146 Resp: 333626
Ion Ratio Lower Upper
146 100
111 41.6 31.1 57.7
148 66.9 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 22.652 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

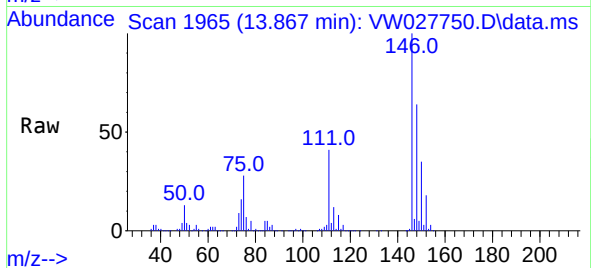
Tgt Ion:146 Resp: 357310
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.6
148 62.4 46.3 85.9



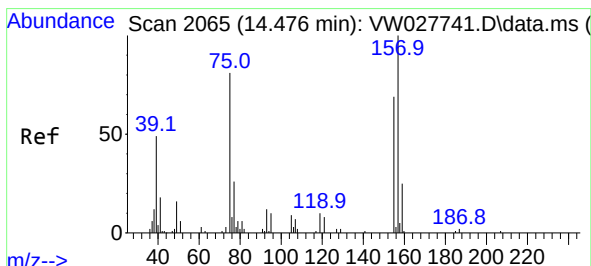
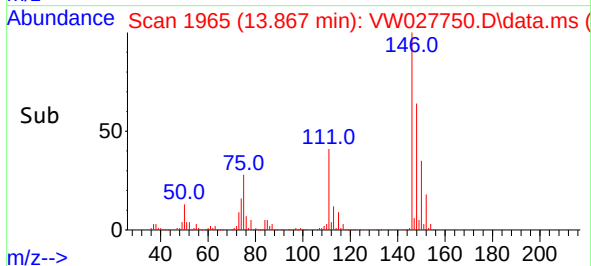
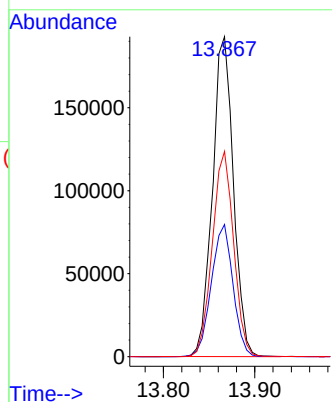


#67
1,2-Dichlorobenzene
Concen: 22.475 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Instrument :
MSVOA_W
ClientSampleId :

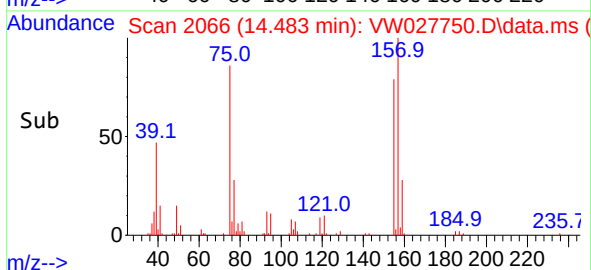
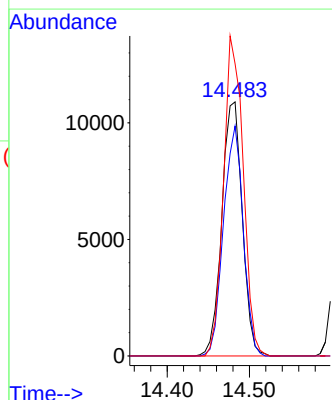
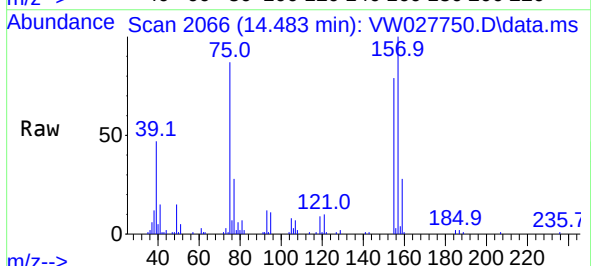


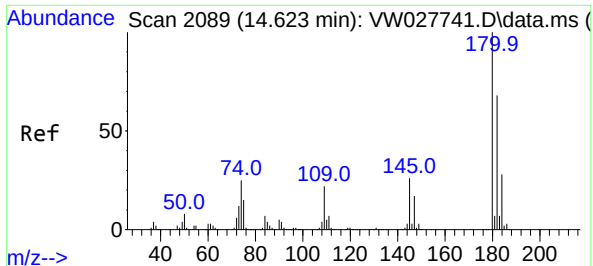
Tgt Ion:146 Resp: 306905
Ion Ratio Lower Upper
146 100
111 41.3 32.1 48.1
148 64.1 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 21.997 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

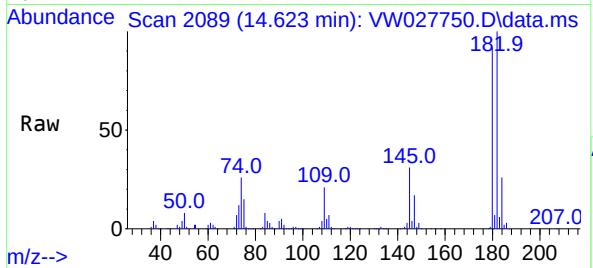
Tgt Ion: 75 Resp: 18858
Ion Ratio Lower Upper
75 100
155 90.5 59.8 89.6#
157 115.0 87.5 131.3



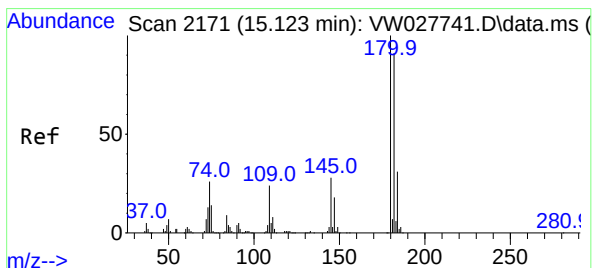
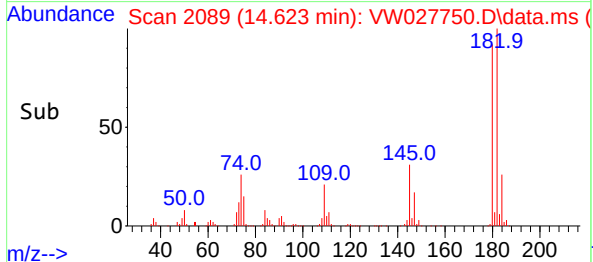
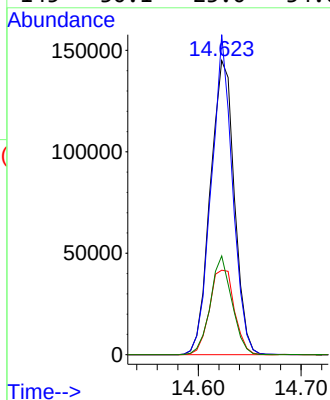


#69
1,3,5-Trichlorobenzene
Concen: 21.477 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Instrument :
MSVOA_W
ClientSampleId :

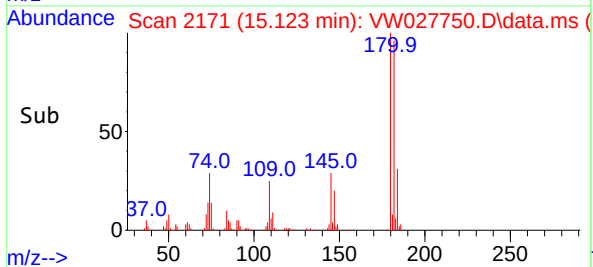
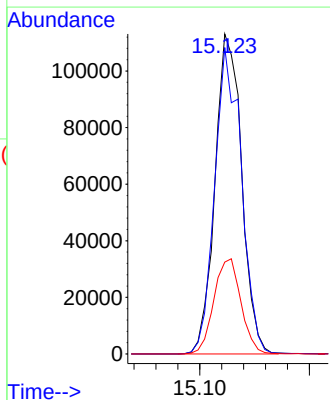
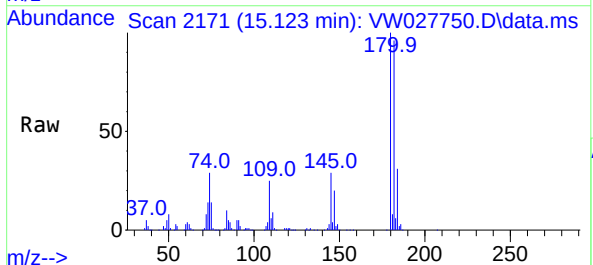


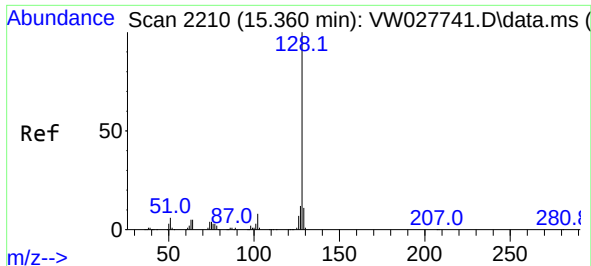
Tgt Ion:180 Resp: 234675
Ion Ratio Lower Upper
180 100
182 95.8 72.6 109.0
184 30.0 23.0 34.6
145 30.1 23.0 34.6



#70
1,2,4-trichlorobenzene
Concen: 21.293 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion:180 Resp: 191066
Ion Ratio Lower Upper
180 100
182 95.8 69.7 104.5
145 30.2 24.1 36.1

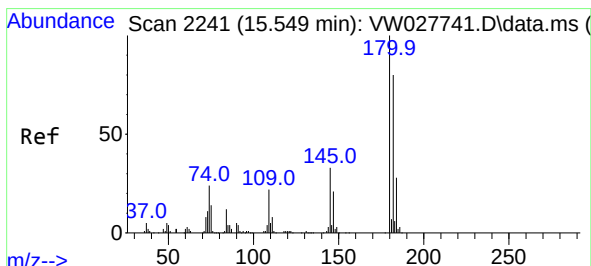
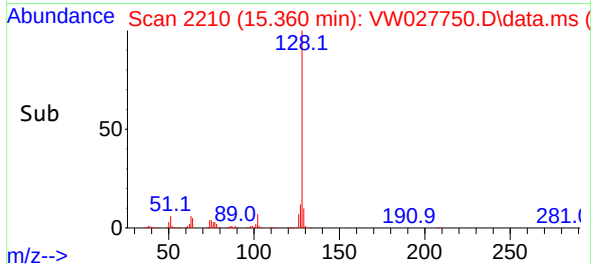
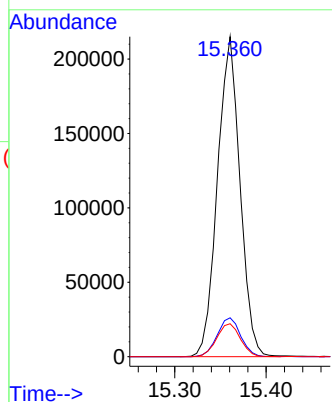
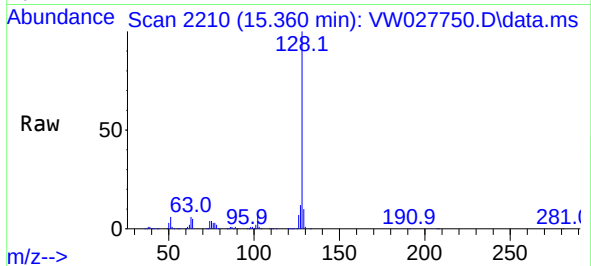




#71
Naphthalene
Concen: 23.179 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 368575
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.257 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027750.D
Acq: 19 Dec 2023 00:09

Tgt Ion:180 Resp: 174487
Ion Ratio Lower Upper
180 100
182 85.2 75.5 113.3
145 31.4 25.0 37.6

