

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027561.D
 Acq On : 06 Dec 2023 11:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK571

Quant Time: Dec 07 06:58:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:54:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	507	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.635	117	715	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.539	65	180	17.642	ug/L	0.18
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.560%
7) Chloroethane-d5	2.643	69	183	24.743	ug/L	-0.26
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.960%
11) 1,1-Dichloroethene-d2	4.021	65	131	30.344	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	121.360%#
21) 2-Butanone-d5	6.996	46	157	58.725	ug/L	-0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.440%
24) Chloroform-d	7.661	84	89	5.881	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	23.520%#
26) 1,2-Dichloroethane-d4	8.301	65	574	74.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	296.680%#
32) Benzene-d6	8.288	84	243	4.825	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	19.320%#
36) 1,2-Dichloropropane-d6	9.288	67	196	13.202	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	52.800%#
41) Toluene-d8	10.319	98	1074	24.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.575	79	769	133.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	535.800%#
47) 2-Hexanone-d5	10.922	63	1456	526.368	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1052.740%#
56) 1,1,2,2-Tetrachloroeth...	12.696	84	1112	91.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	364.240%#
66) 1,2-Dichlorobenzene-d4	13.848	152	2064	70.602	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	282.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.058	85	242	35.649	ug/L	96
3) Chloromethane	2.229	50	176	21.169	ug/L	93
5) Vinyl chloride	2.552	62	189	19.488	ug/L	89
6) Bromomethane	2.765	94	105	20.630	ug/L	91
8) Chloroethane	2.948	64	101	18.234	ug/L	100
9) Trichlorofluoromethane	3.302	101	46	4.952	ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	61	7.702	ug/L	# 41
12) 1,1-Dichloroethene	3.814	96	22	3.042	ug/L	81
13) Acetone	4.143	43	2878	1116.682	ug/L	74
14) Carbon disulfide	4.393	76	502	22.971	ug/L	# 82
15) Methyl Acetate	4.618	43	298	66.159	ug/L	98
16) Methylene chloride	4.923	84	4408	533.163	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	126	16.898	ug/L	72
18) Methyl tert-butyl Ether	5.429	73	41	3.409	ug/L	# 2
19) 1,1-Dichloroethane	6.216	63	161	10.617	ug/L	# 84
20) cis-1,2-Dichloroethene	7.179	96	237	29.595	ug/L	# 32
22) 2-Butanone	7.173	43	705	212.033	ug/L	97
23) Bromochloromethane	7.514	128	86	27.304	ug/L	# 79
25) Chloroform	7.697	83	121	8.788	ug/L	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027561.D
 Acq On : 06 Dec 2023 11:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

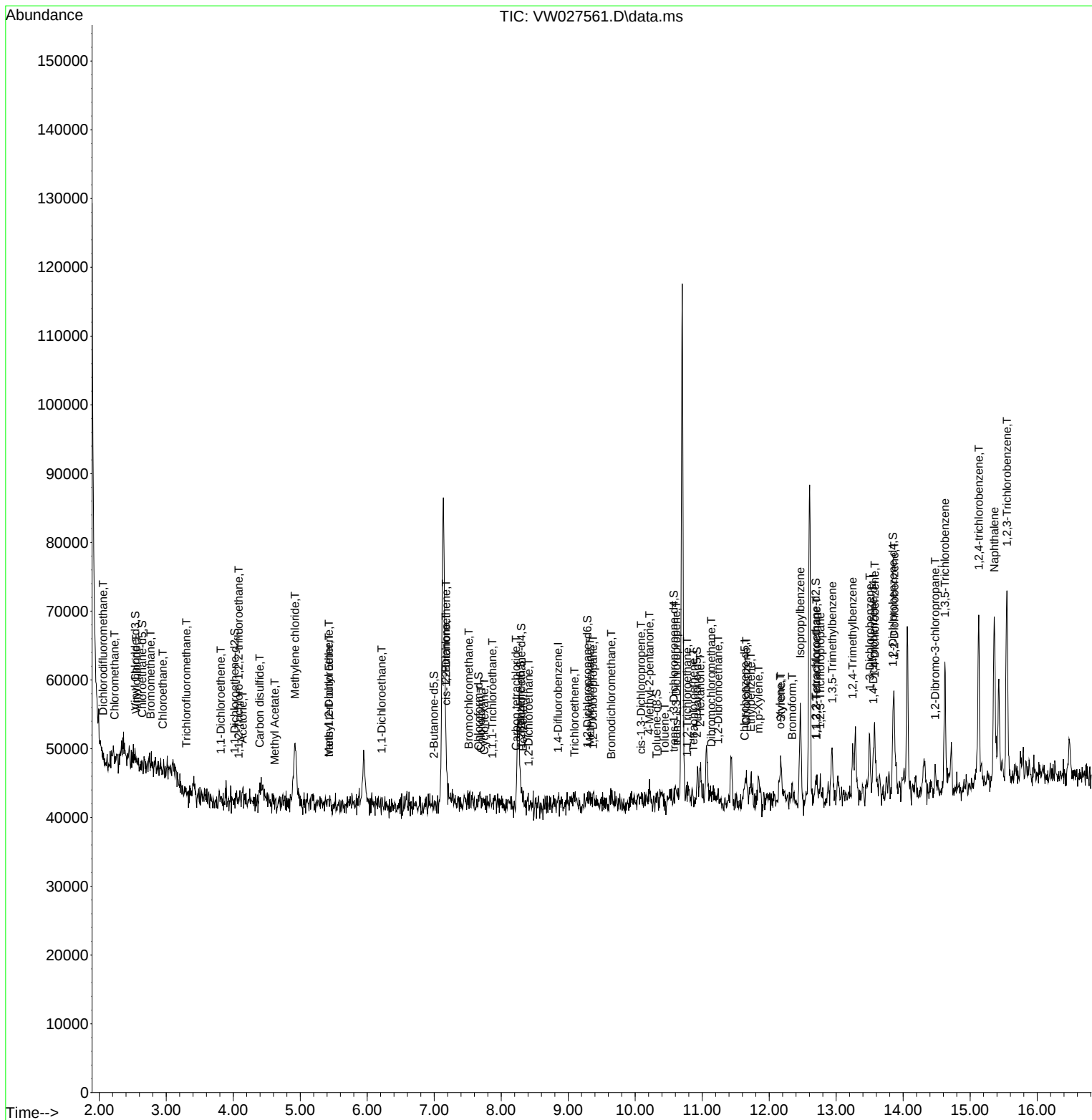
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK571

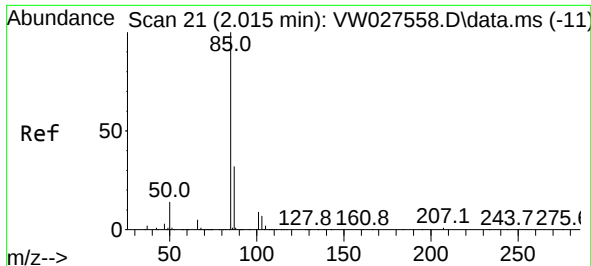
Quant Time: Dec 07 06:58:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:54:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.410	62	841	94.504	ug/L #	87
29) Cyclohexane	7.746	56	74	3.148	ug/L	84
30) 1,1,1-Trichloroethane	7.868	97	19	0.953	ug/L #	1
31) Carbon tetrachloride	8.221	117	52	2.989	ug/L	90
33) Benzene	8.325	78	1315	26.647	ug/L	100
34) Trichloroethene	9.093	95	540	40.062	ug/L #	66
35) Methylcyclohexane	9.325	83	191	7.958	ug/L #	60
37) 1,2-Dichloropropane	9.374	63	245	18.804	ug/L #	21
38) Bromodichloromethane	9.642	83	210	13.942	ug/L #	86
39) cis-1,3-Dichloropropene	10.087	75	360	19.140	ug/L	97
40) 4-Methyl-2-pentanone	10.215	43	1787	202.905	ug/L #	87
42) Toluene	10.441	91	65	1.245	ug/L	88
44) trans-1,3-Dichloropropene	10.611	75	1364	89.897	ug/L	95
45) 1,1,2-Trichloroethane	10.776	97	155	17.082	ug/L	83
46) Tetrachloroethene	10.867	164	243	25.288	ug/L #	71
48) 2-Hexanone	10.971	43	3313	533.762	ug/L #	94
49) Dibromochloromethane	11.136	129	362	40.360	ug/L	93
50) 1,2-Dibromoethane	11.239	107	665	80.104	ug/L #	69
51) Chlorobenzene	11.660	112	1711	54.337	ug/L	88
52) Ethylbenzene	11.727	91	2131	35.942	ug/L	93
53) m,p-Xylene	11.843	106	605	27.693	ug/L	90
54) o-Xylene	12.166	106	760	38.275	ug/L	60
55) Styrene	12.178	104	2280	67.275	ug/L #	78
57) 1,1,2,2-Tetrachloroethane	12.708	83	1191	100.822	ug/L #	95
59) Bromoform	12.343	173	156	13.355	ug/L #	72
60) Isopropylbenzene	12.465	105	2770	20.116	ug/L #	60
61) 1,2,3-Trichloropropane	12.763	75	1002	49.812	ug/L #	83
62) 1,3,5-Trimethylbenzene	12.940	105	2912	28.592	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	3739	36.861	ug/L	95
64) 1,3-Dichlorobenzene	13.501	146	2991	56.707	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	3309	62.896	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	3787	79.694	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	14.476	75	1033	213.495	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	5429	153.066	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	6786	246.382	ug/L	94
71) Naphthalene	15.360	128	19553	337.519	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.549	180	8615	365.135	ug/L	98

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

Quant Time: Dec 07 06:58:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 07 06:54:07 2023
Response via : Initial Calibration

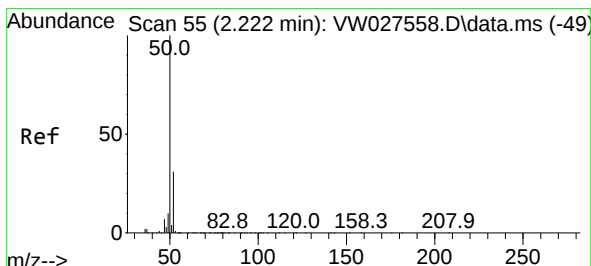
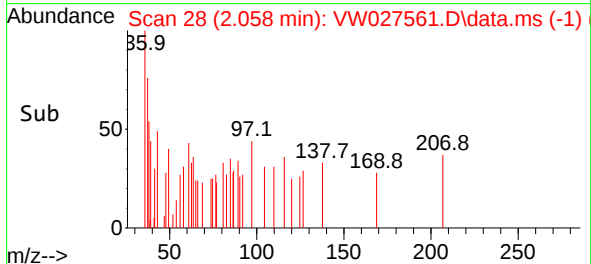
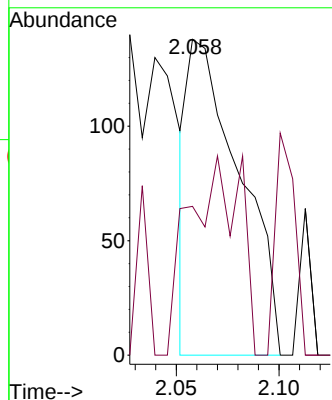
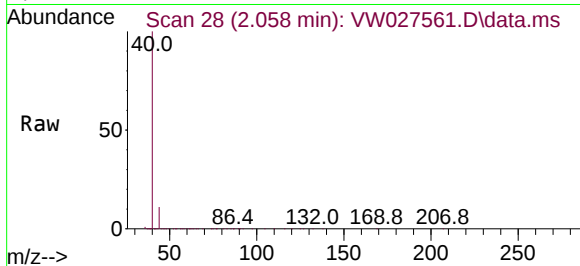




#2
 Dichlorodifluoromethane
 Concen: 35.649 ug/L
 RT: 2.058 min Scan# 21
 Delta R.T. 0.043 min
 Lab File: VW027561.D
 Acq: 06 Dec 2023 11:34

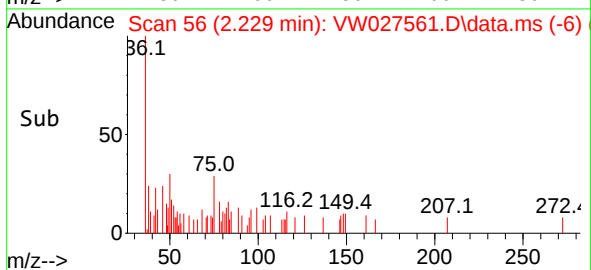
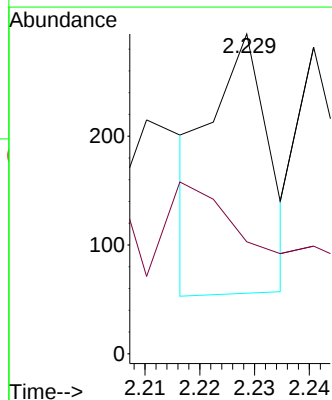
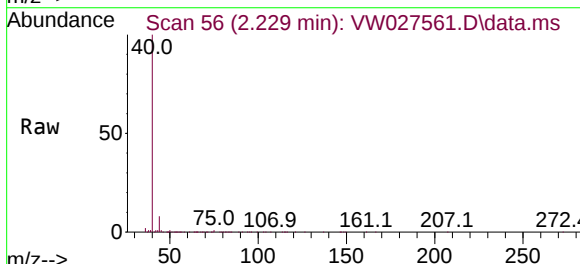
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK571

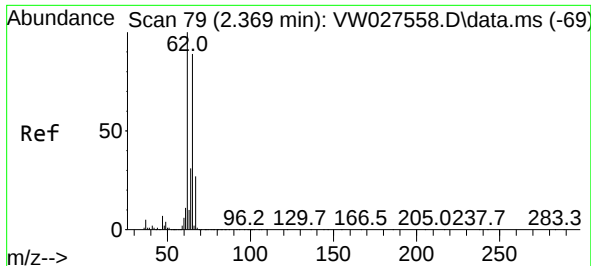
Tgt Ion: 85 Resp: 242
 Ion Ratio Lower Upper
 85 100
 87 28.1 24.0 36.0



#3
 Chloromethane
 Concen: 21.169 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027561.D
 Acq: 06 Dec 2023 11:34

Tgt Ion: 50 Resp: 176
 Ion Ratio Lower Upper
 50 100
 52 35.0 21.8 40.6

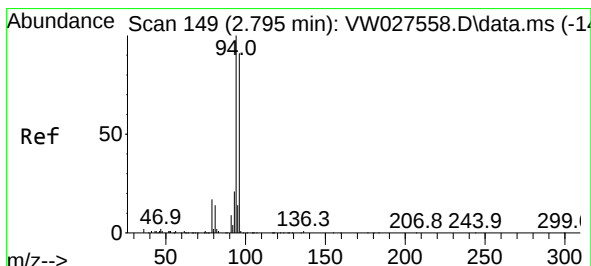
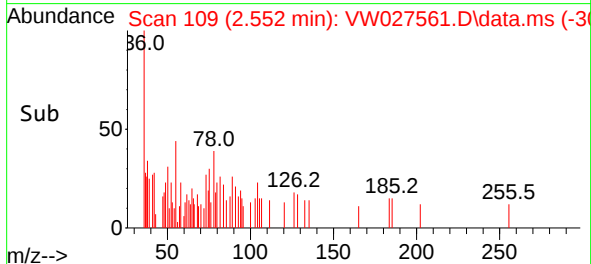
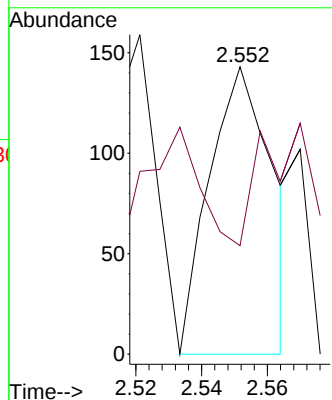
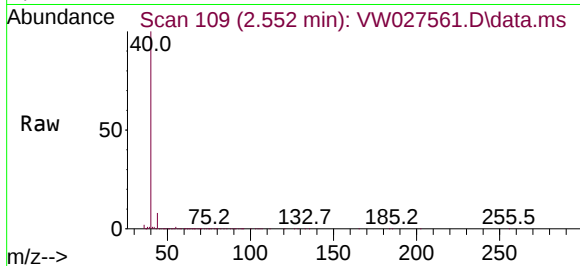




#5
 Vinyl chloride
 Concen: 19.488 ug/L
 RT: 2.552 min Scan# 109
 Delta R.T. 0.183 min
 Lab File: VW027561.D
 Acq: 06 Dec 2023 11:34

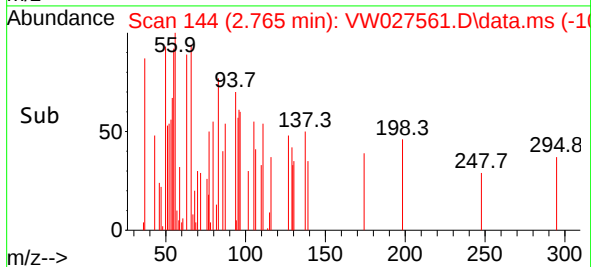
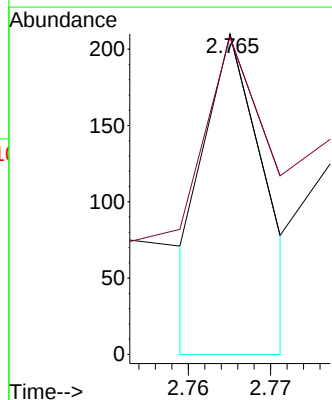
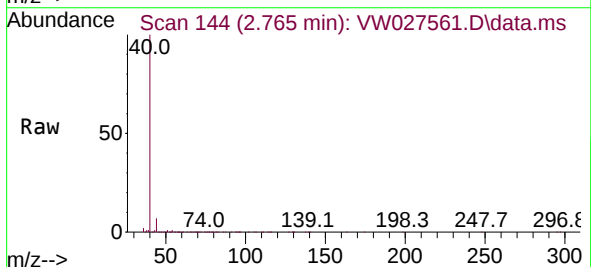
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK571

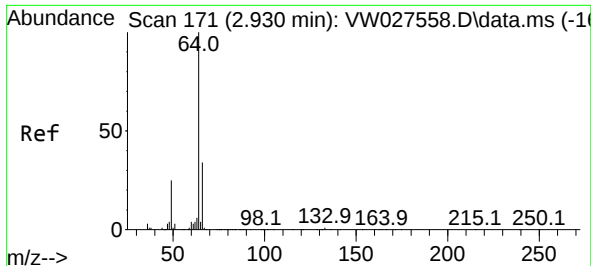
Tgt Ion: 62 Resp: 189
 Ion Ratio Lower Upper
 62 100
 64 37.8 22.2 41.2



#6
 Bromomethane
 Concen: 20.630 ug/L
 RT: 2.765 min Scan# 144
 Delta R.T. -0.030 min
 Lab File: VW027561.D
 Acq: 06 Dec 2023 11:34

Tgt Ion: 94 Resp: 105
 Ion Ratio Lower Upper
 94 100
 96 99.0 63.3 117.7

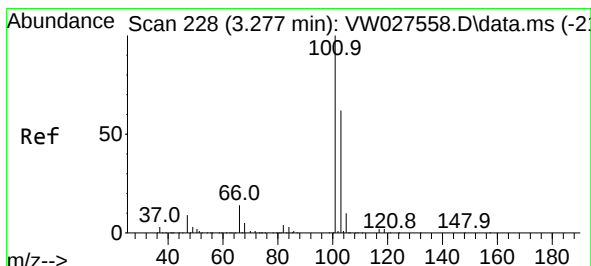
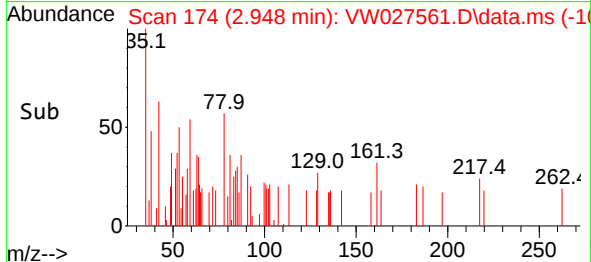
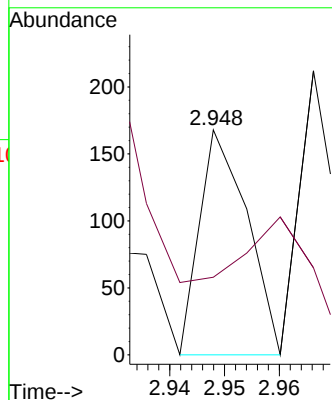
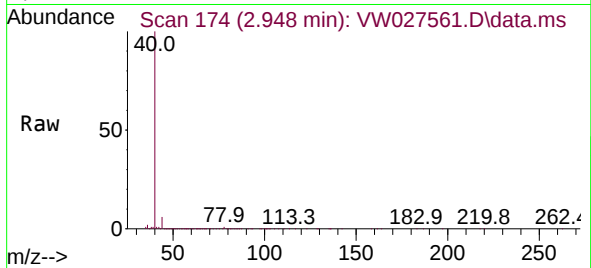




#8
Chloroethane
Concen: 18.234 ug/L
RT: 2.948 min Scan# 11
Delta R.T. 0.018 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

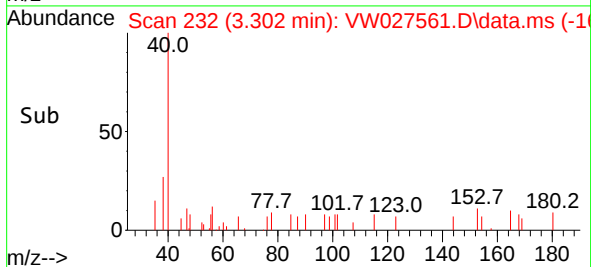
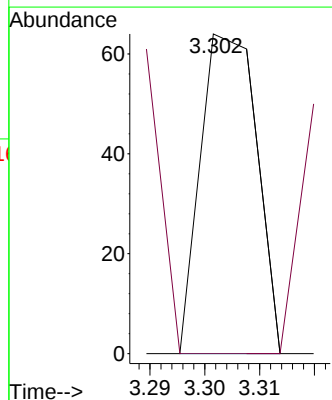
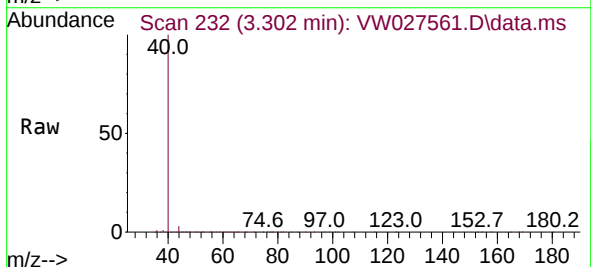
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

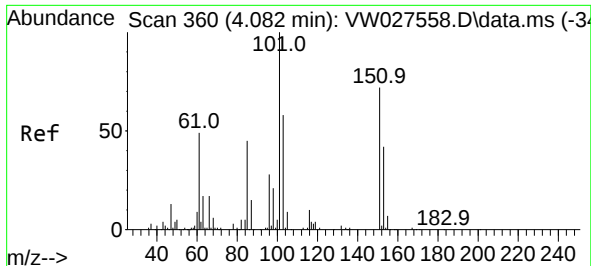
Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 34.5 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.952 ug/L
RT: 3.302 min Scan# 232
Delta R.T. 0.024 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 101 Resp: 46
Ion Ratio Lower Upper
101 100
103 271.7 52.0 78.0#

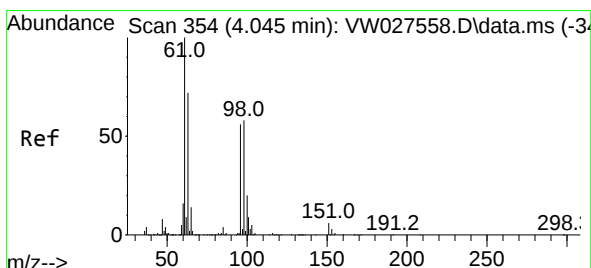
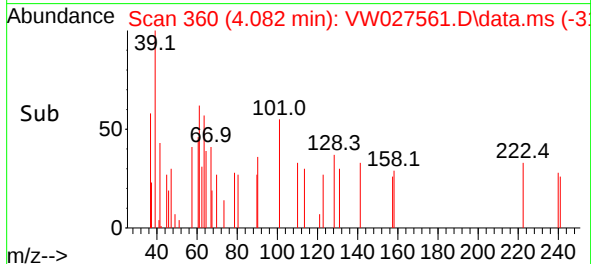
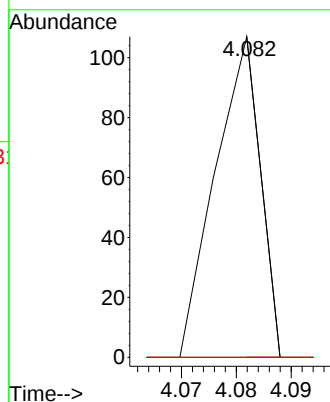
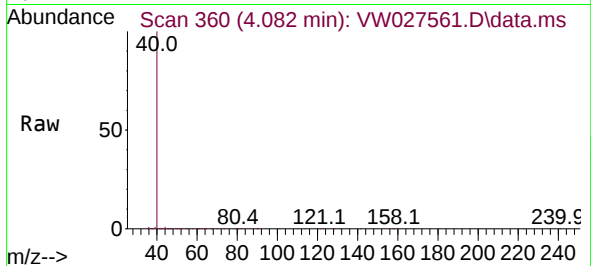




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.702 ug/L
 RT: 4.082 min Scan# 316
 Delta R.T. 0.000 min
 Lab File: VW027561.D
 Acq: 06 Dec 2023 11:34

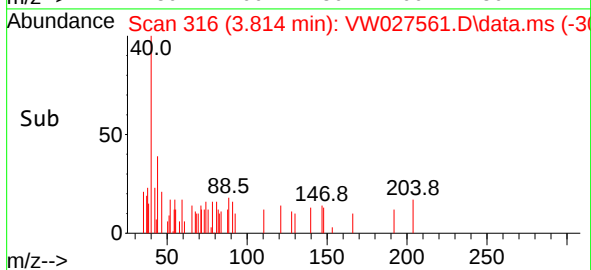
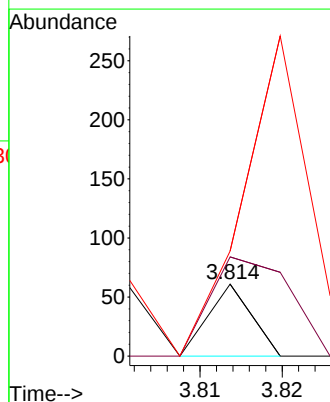
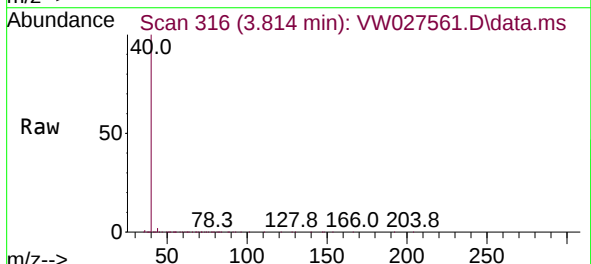
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK571

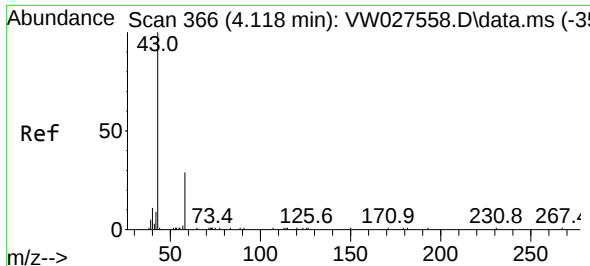
Tgt Ion:101 Resp: 61
 Ion Ratio Lower Upper
 101 100
 85 31.1 33.9 50.9#
 151 0.0 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 3.042 ug/L
 RT: 3.814 min Scan# 316
 Delta R.T. -0.232 min
 Lab File: VW027561.D
 Acq: 06 Dec 2023 11:34

Tgt Ion: 96 Resp: 22
 Ion Ratio Lower Upper
 96 100
 61 137.7 127.8 237.4
 63 145.9 104.9 194.7

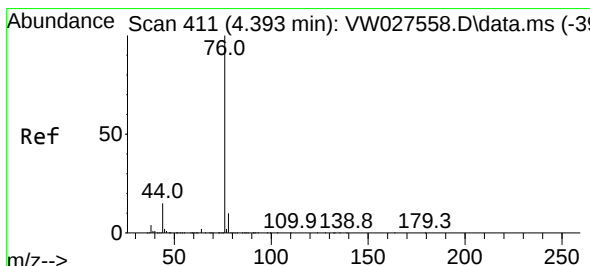
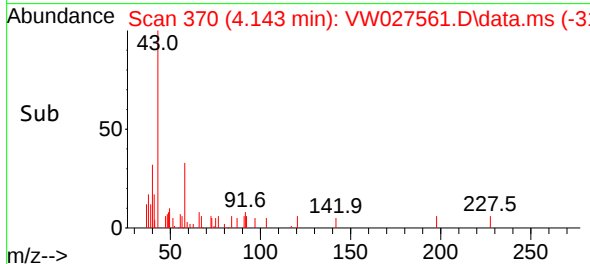
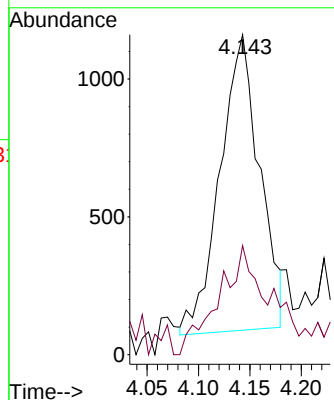
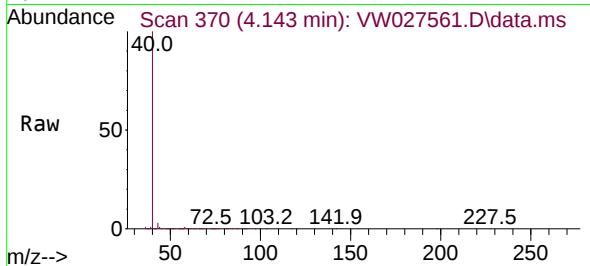




#13
Acetone
Concen: 1116.682 ug/L
RT: 4.143 min Scan# 370
Delta R.T. 0.024 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

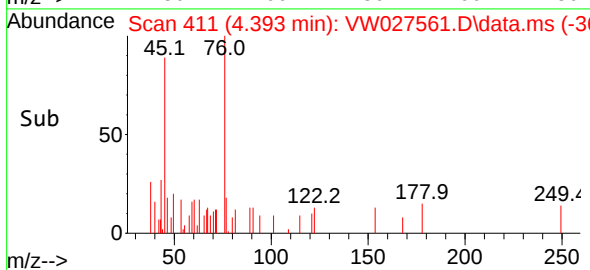
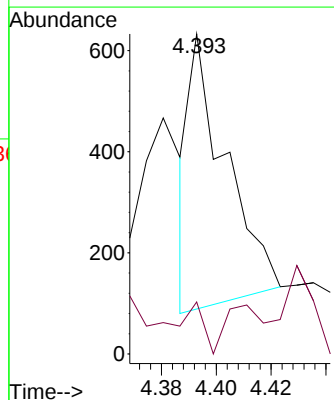
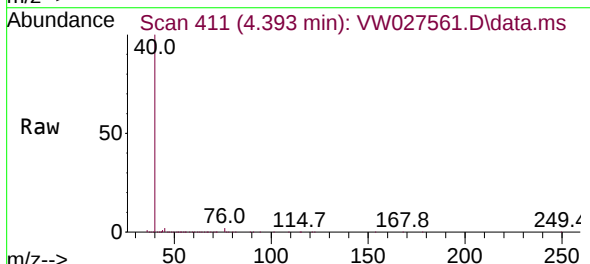
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

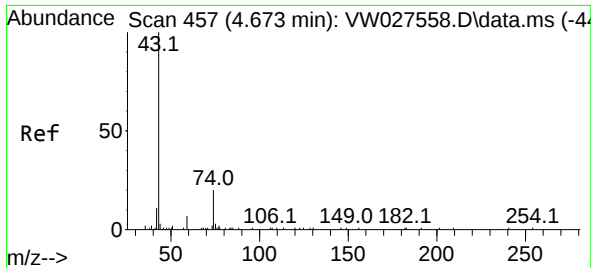
Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
58 16.0 0.0 60.0



#14
Carbon disulfide
Concen: 22.971 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 76 Resp: 502
Ion Ratio Lower Upper
76 100
78 16.3 7.8 11.6#

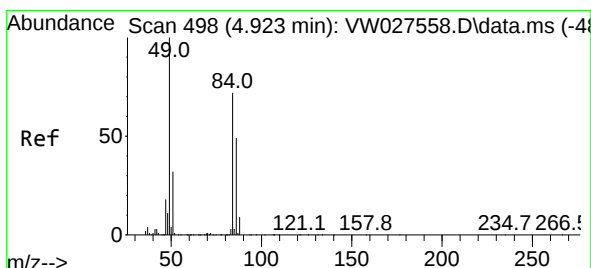
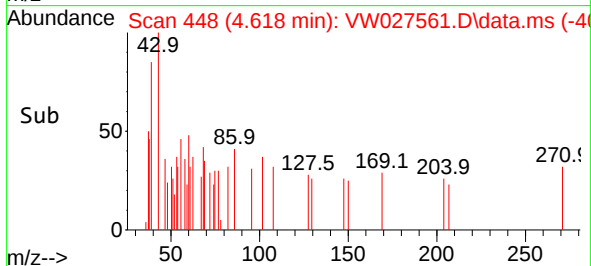
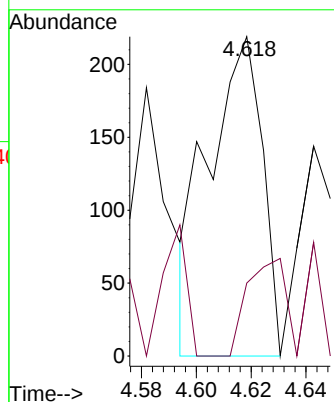
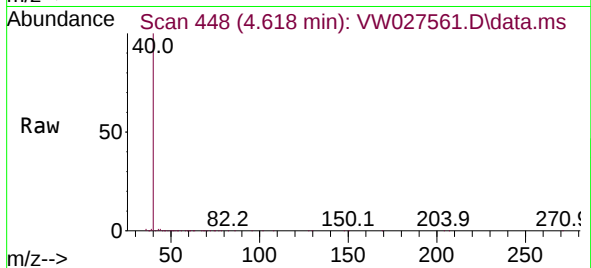




#15
Methyl Acetate
Concen: 66.159 ug/L
RT: 4.618 min Scan# 448
Delta R.T. -0.055 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

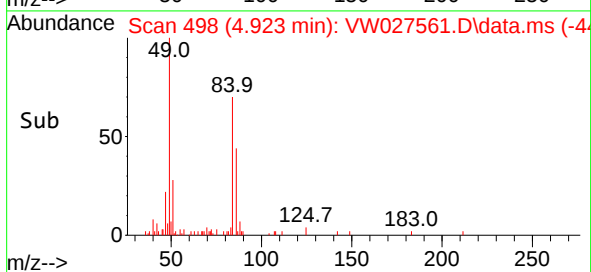
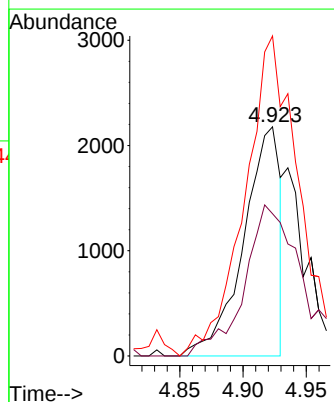
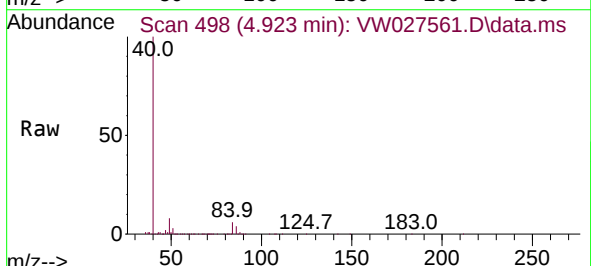
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

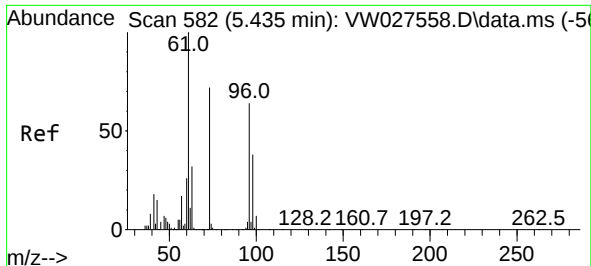
Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
74 21.8 16.8 25.2



#16
Methylene chloride
Concen: 533.163 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 84 Resp: 4408
Ion Ratio Lower Upper
84 100
86 62.1 47.7 88.7
49 139.6 97.4 181.0

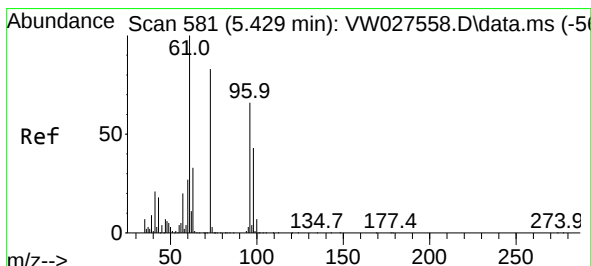
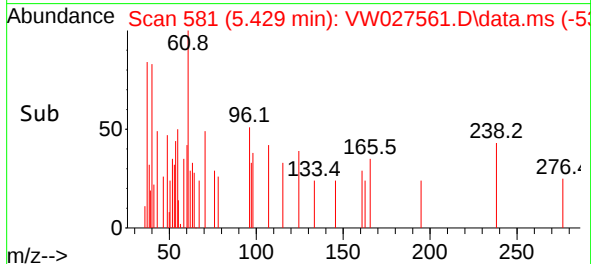
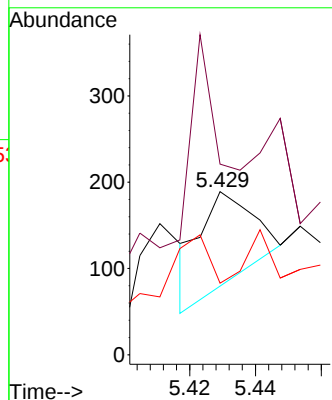
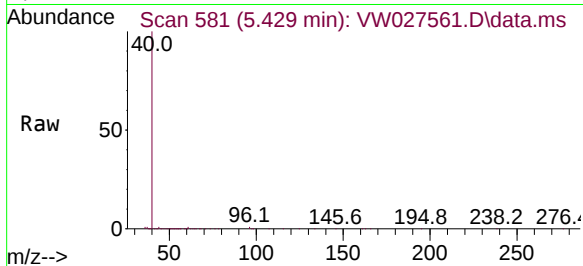




#17
trans-1,2-Dichloroethene
Concen: 16.898 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

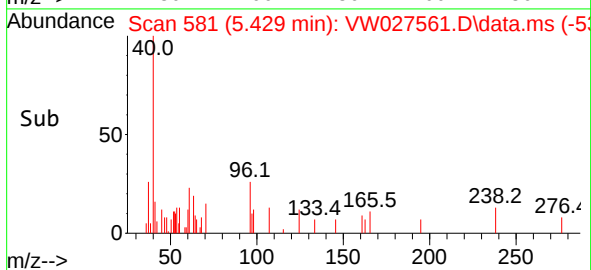
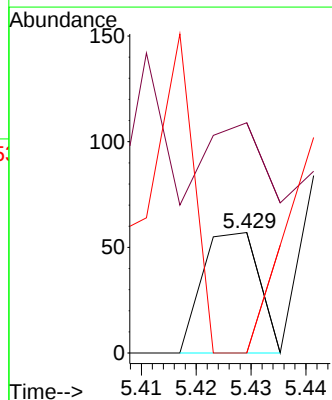
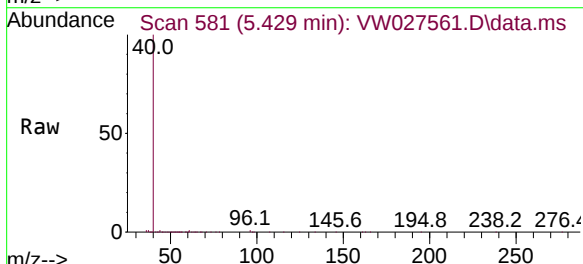
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

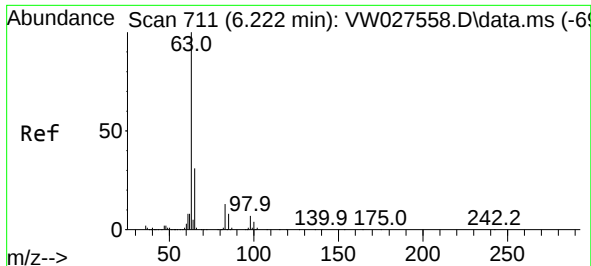
Tgt Ion: 96 Resp: 126
Ion Ratio Lower Upper
96 100
61 116.9 109.6 203.6
98 43.9 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 3.409 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 73 Resp: 41
Ion Ratio Lower Upper
73 100
43 95.1 17.8 26.6#
57 0.0 19.9 29.9#





#19

1,1-Dichloroethane

Concen: 10.617 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK571

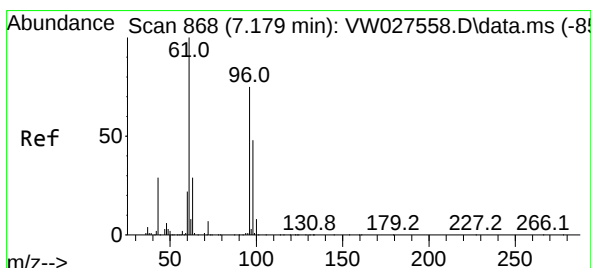
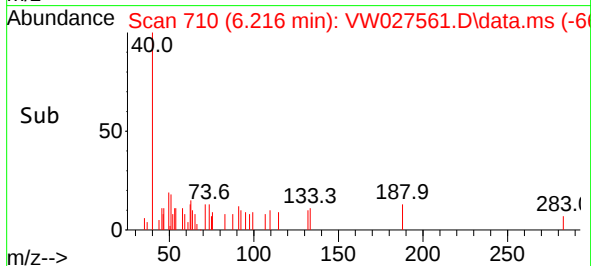
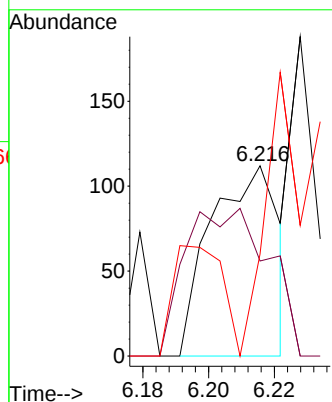
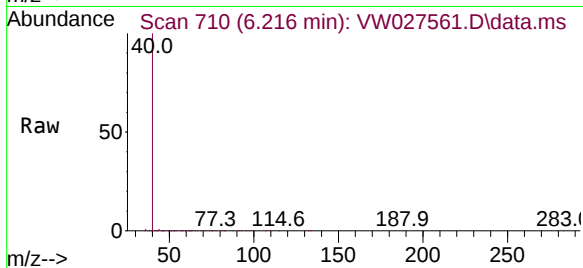
Tgt Ion: 63 Resp: 161

Ion Ratio Lower Upper

63 100

65 30.3 22.0 40.8

83 32.4 9.0 16.8#



#20

cis-1,2-Dichloroethene

Concen: 29.595 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

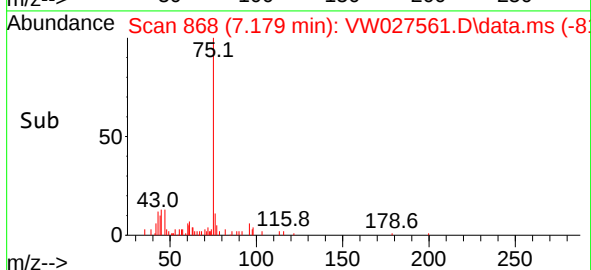
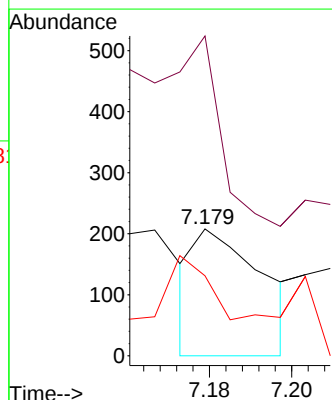
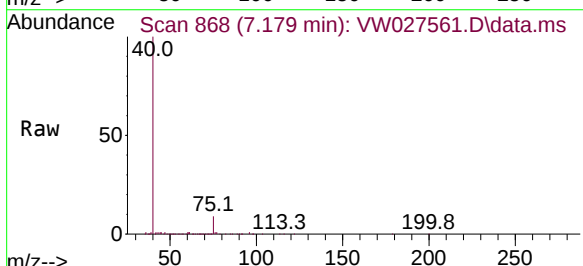
Tgt Ion: 96 Resp: 237

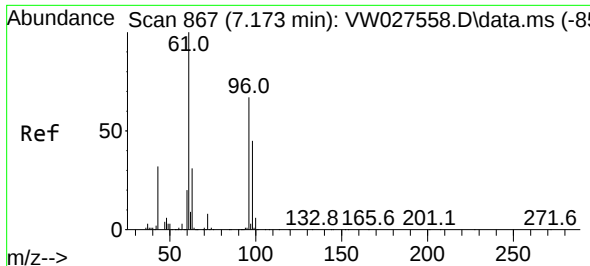
Ion Ratio Lower Upper

96 100

61 251.9 94.0 174.6#

98 63.0 45.1 83.7





#22

2-Butanone

Concen: 212.033 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

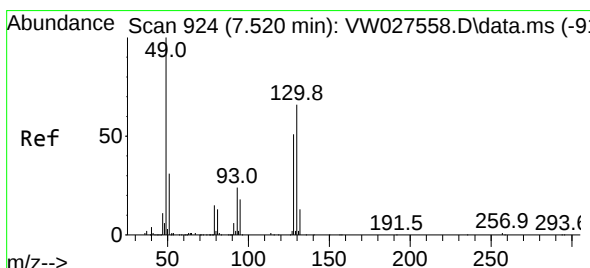
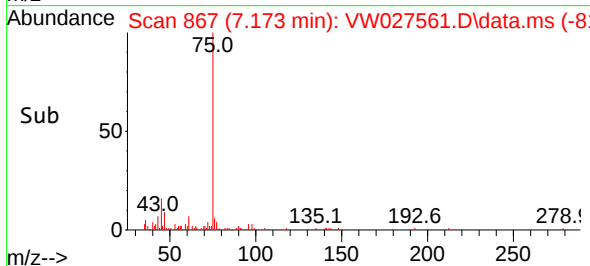
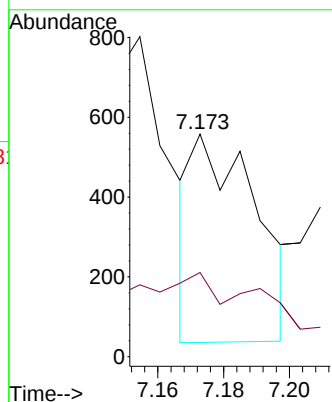
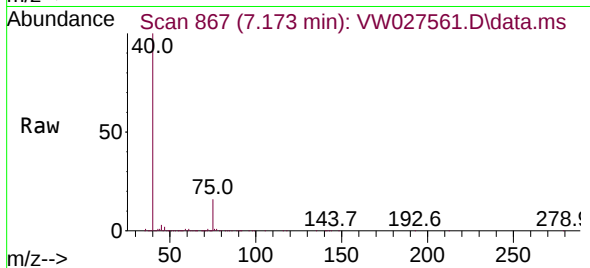
VIBLK571

Tgt Ion: 43 Resp: 705

Ion Ratio Lower Upper

43 100

72 22.4 11.9 35.9



#23

Bromochloromethane

Concen: 27.304 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Tgt Ion: 128 Resp: 86

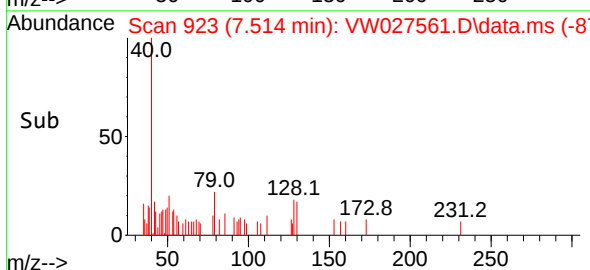
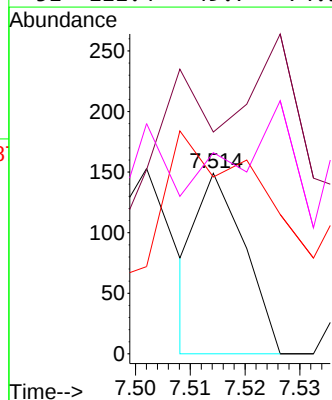
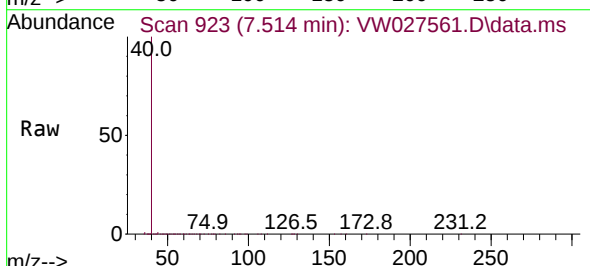
Ion Ratio Lower Upper

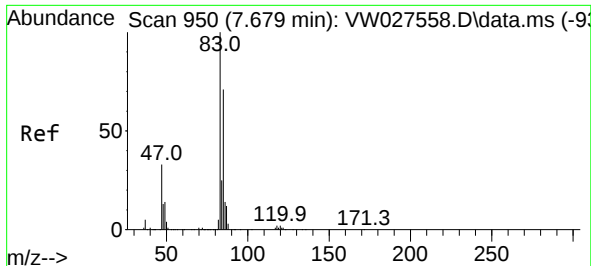
128 100

49 202.0 137.8 256.0

130 98.0 91.2 169.4

51 111.4 49.7 74.5#

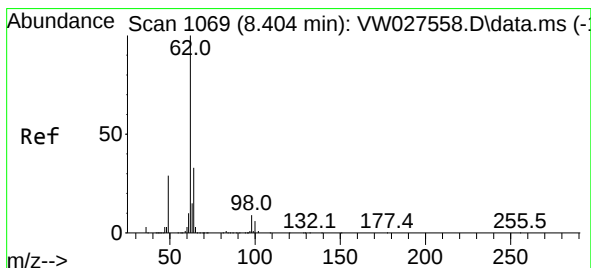
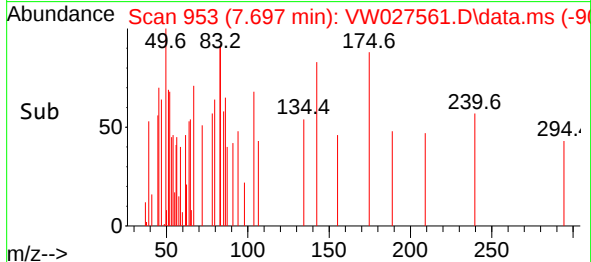
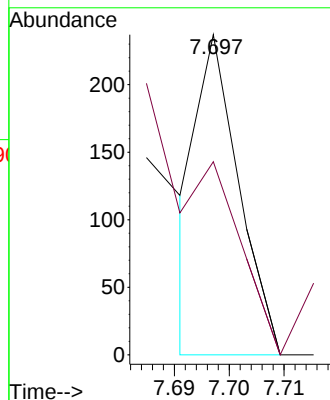
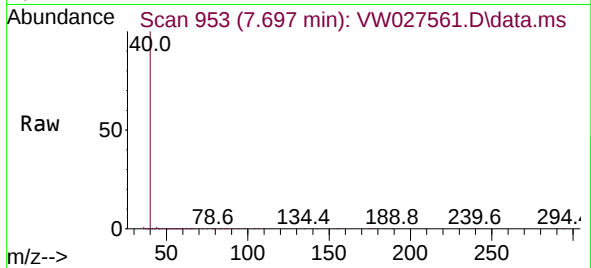




#25
Chloroform
Concen: 8.788 ug/L
RT: 7.697 min Scan# 91
Delta R.T. 0.018 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

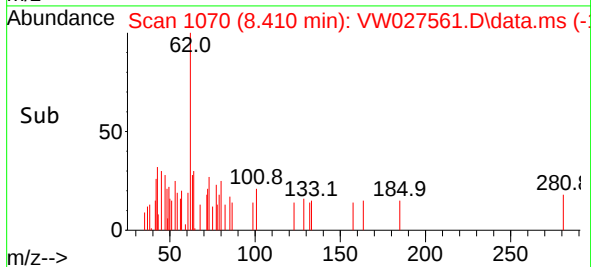
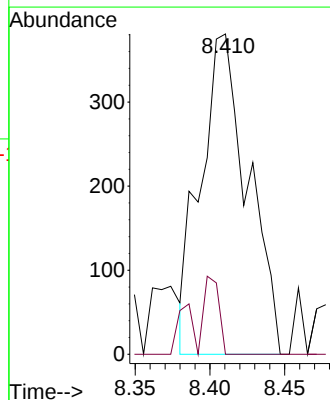
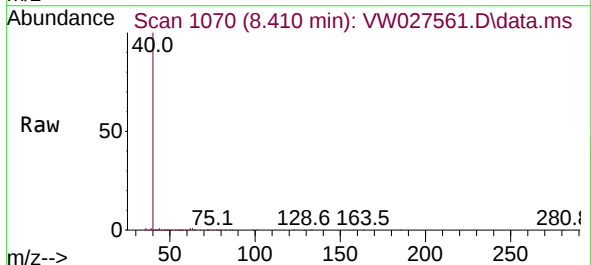
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

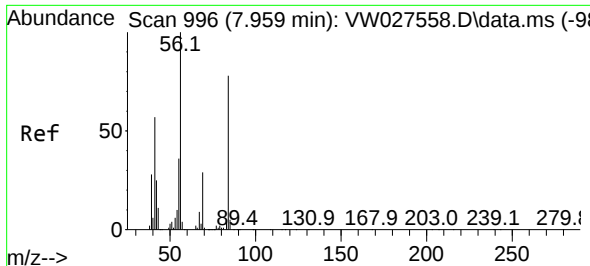
Tgt Ion: 83 Resp: 121
Ion Ratio Lower Upper
83 100
85 60.3 49.8 92.6



#27
1,2-Dichloroethane
Concen: 94.504 ug/L
RT: 8.410 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 62 Resp: 841
Ion Ratio Lower Upper
62 100
98 13.9 7.4 11.0#

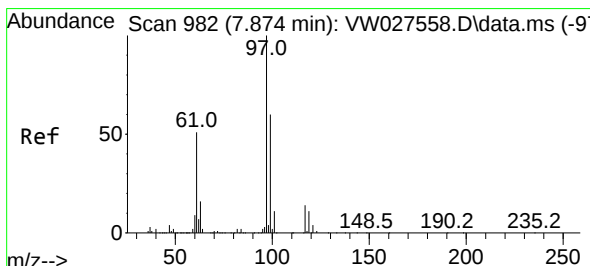
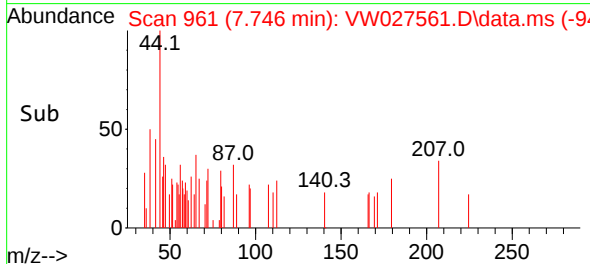
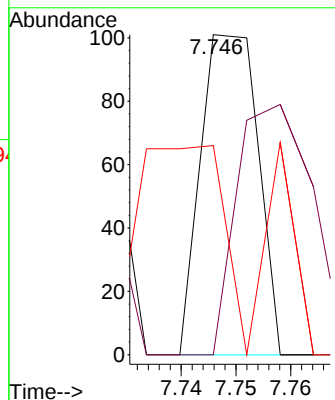
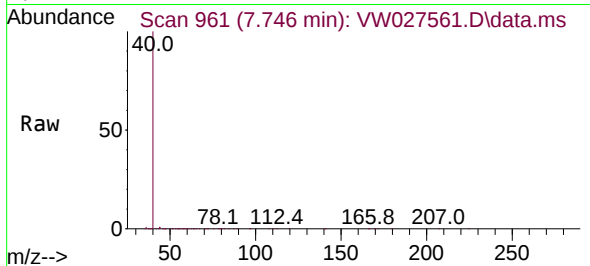




#29
Cyclohexane
Concen: 3.148 ug/L
RT: 7.746 min Scan# 90
Delta R.T. -0.213 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

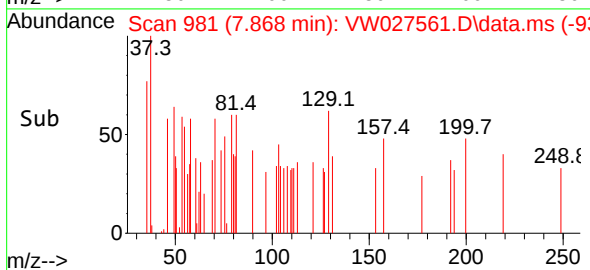
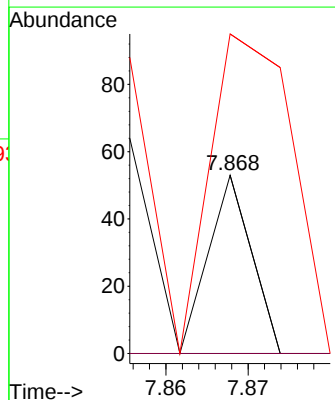
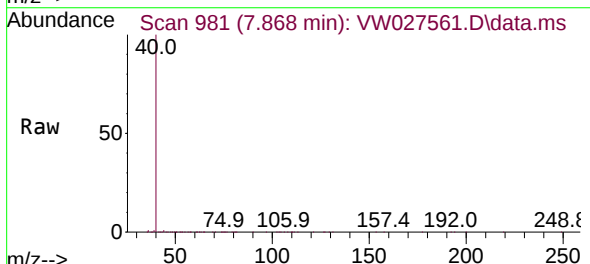
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

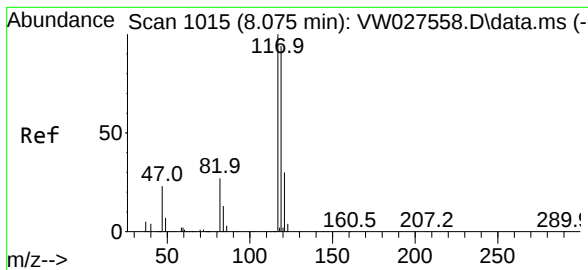
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
69 24.3 24.1 36.1
84 97.3 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 0.953 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 97 Resp: 19
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 347.4 39.0 58.4#

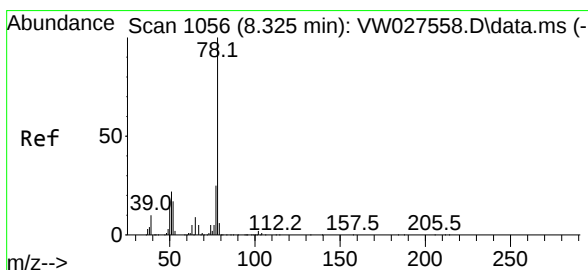
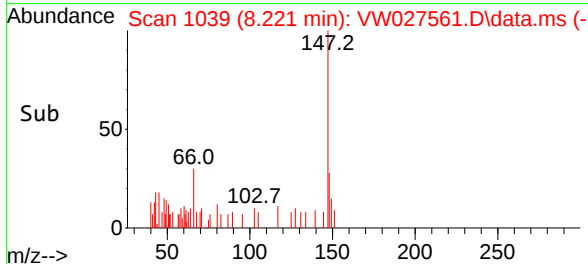
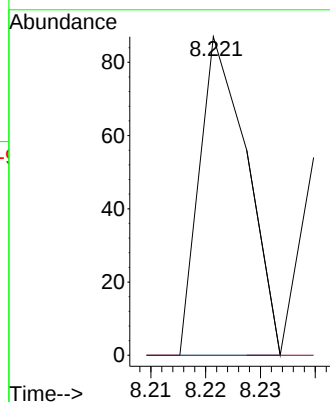
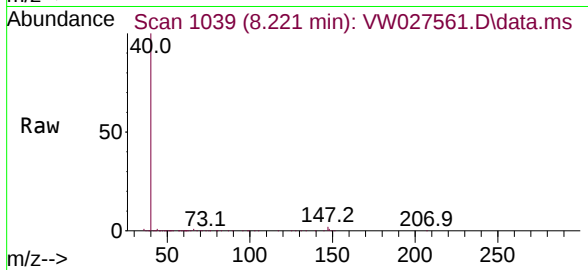




#31
Carbon tetrachloride
Concen: 2.989 ug/L
RT: 8.221 min Scan# 1039
Delta R.T. 0.146 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

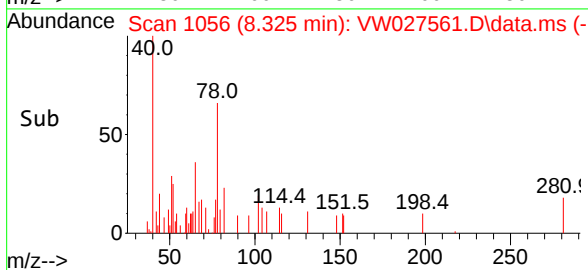
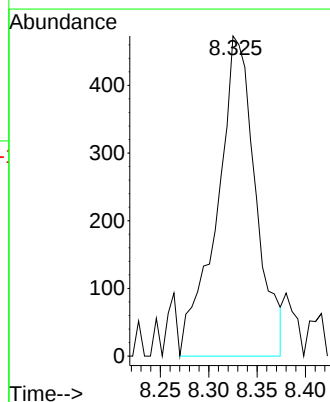
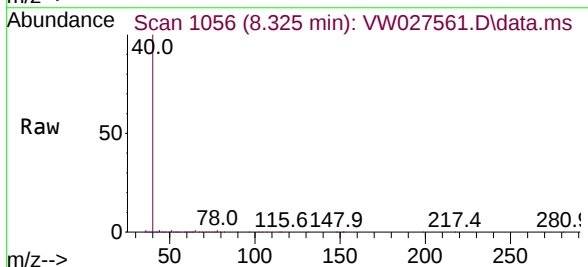
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

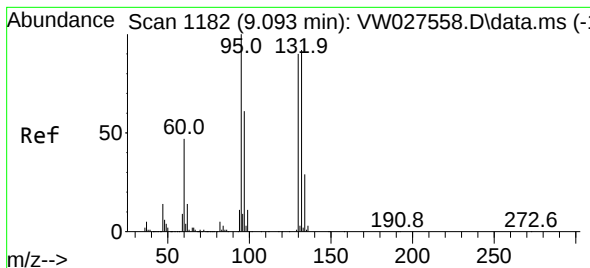
Tgt Ion:117 Resp: 52
Ion Ratio Lower Upper
117 100
119 86.5 77.0 115.6



#33
Benzene
Concen: 26.647 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 78 Resp: 1315





#34

Trichloroethene

Concen: 40.062 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK571

Tgt Ion: 95 Resp: 540

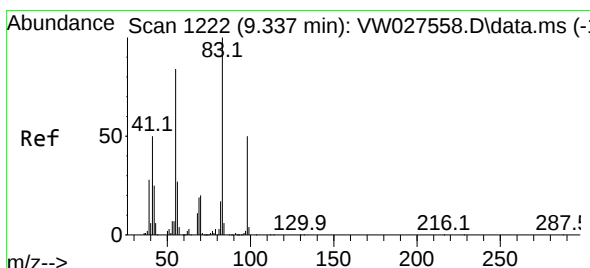
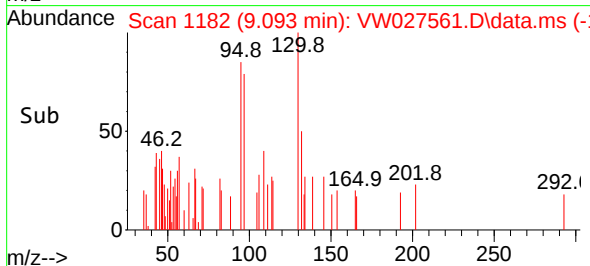
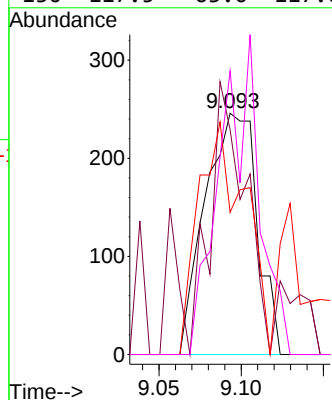
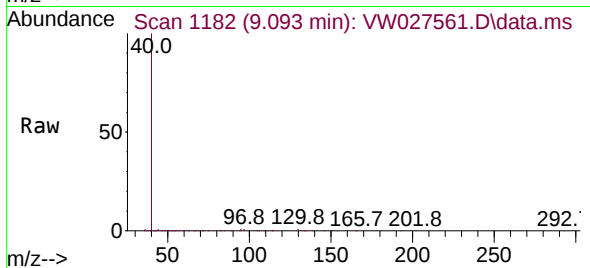
Ion Ratio Lower Upper

95 100

97 93.1 43.0 80.0#

132 58.9 64.1 119.1#

130 117.5 63.0 117.0#



#35

Methylcyclohexane

Concen: 7.958 ug/L

RT: 9.325 min Scan# 1220

Delta R.T. -0.012 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

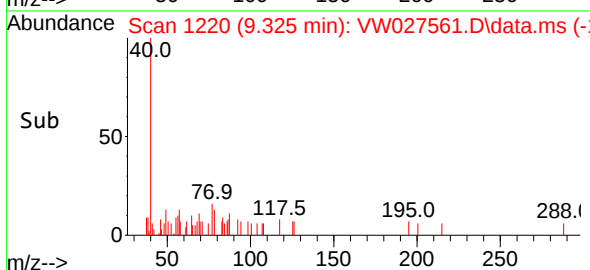
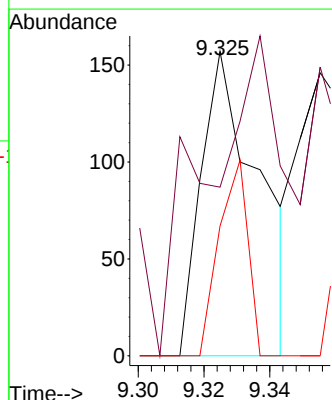
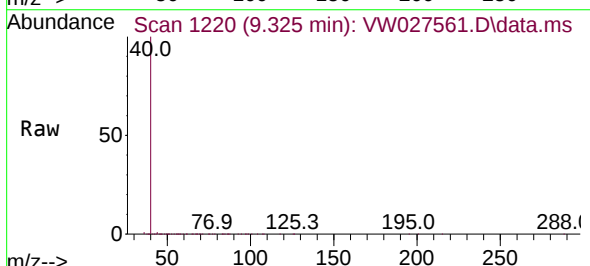
Tgt Ion: 83 Resp: 191

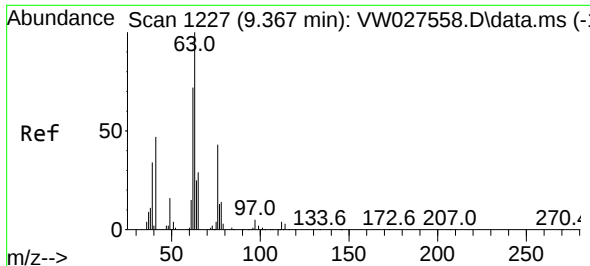
Ion Ratio Lower Upper

83 100

55 37.7 65.6 98.4#

98 31.9 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 18.804 ug/L

RT: 9.374 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

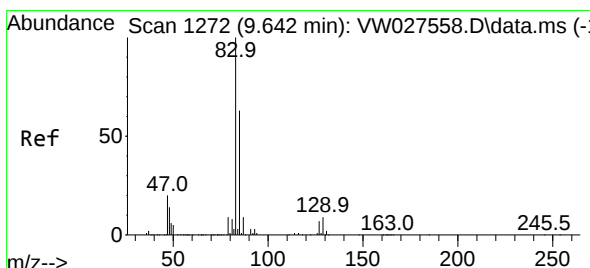
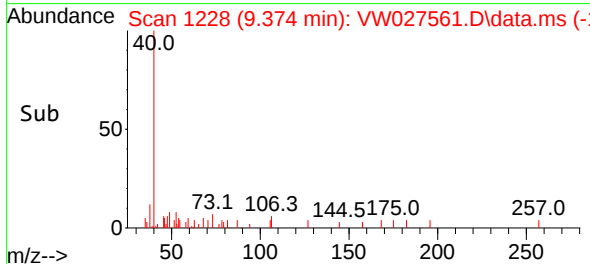
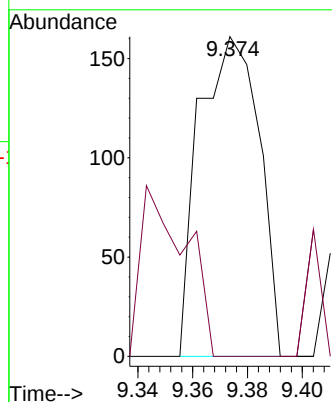
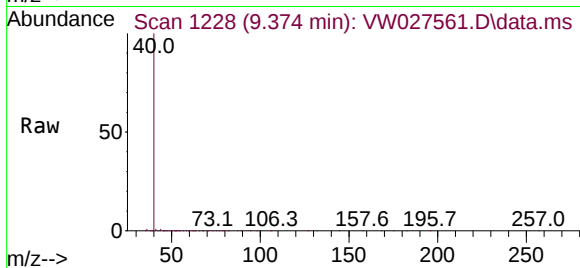
VIBLK571

Tgt Ion: 63 Resp: 245

Ion Ratio Lower Upper

63 100

112 30.6 3.6 5.4#



#38

Bromodichloromethane

Concen: 13.942 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

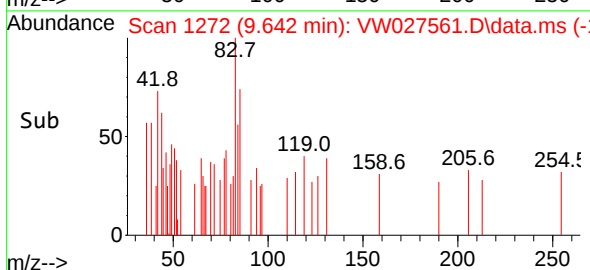
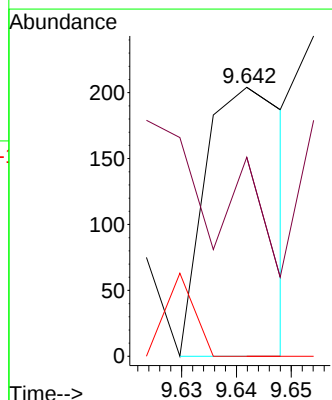
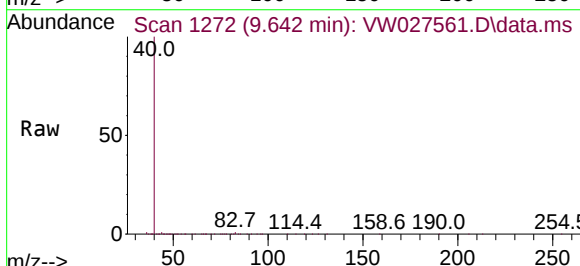
Tgt Ion: 83 Resp: 210

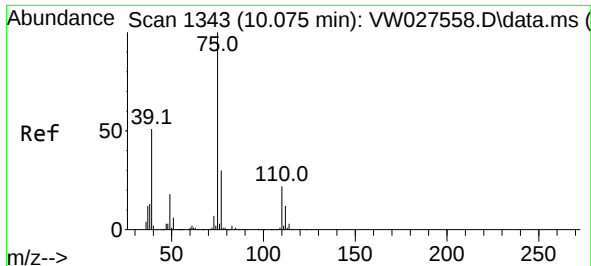
Ion Ratio Lower Upper

83 100

85 74.0 44.3 82.3

127 0.0 5.3 7.9#

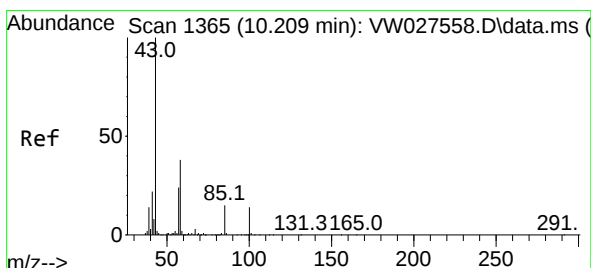
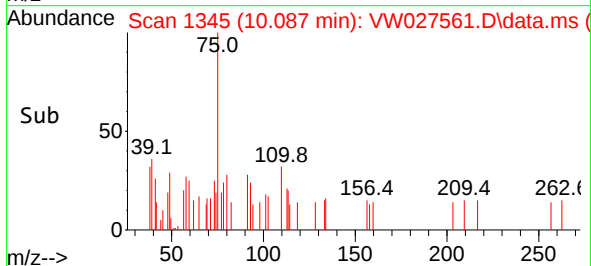
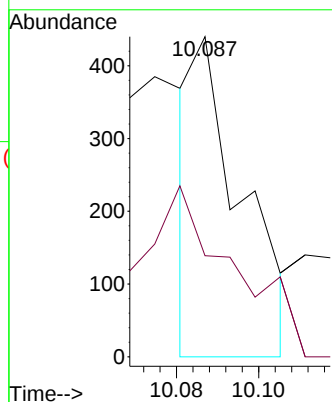
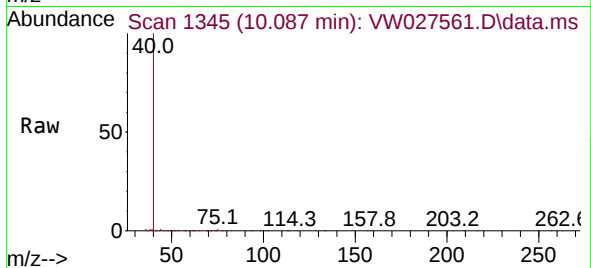




#39
cis-1,3-Dichloropropene
Concen: 19.140 ug/L
RT: 10.087 min Scan# 1343
Delta R.T. 0.012 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

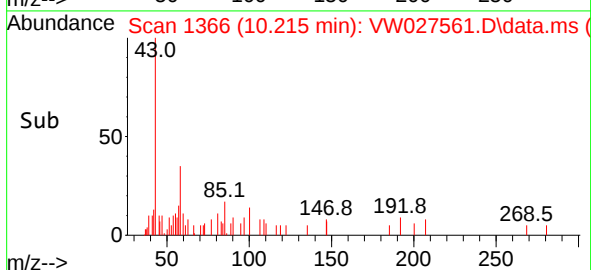
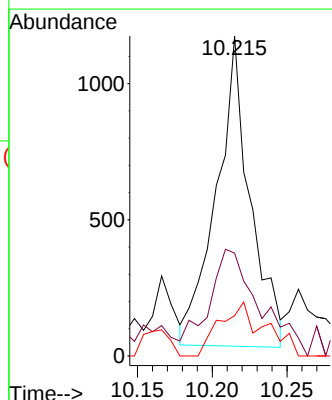
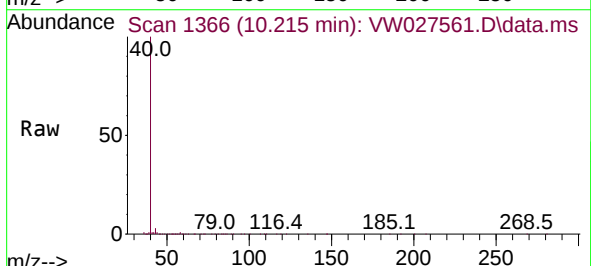
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

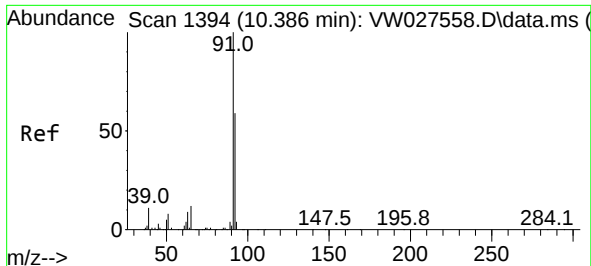
Tgt Ion: 75 Resp: 360
Ion Ratio Lower Upper
75 100
77 31.6 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 202.905 ug/L
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
58 47.2 29.6 44.4#
100 15.4 11.1 16.7

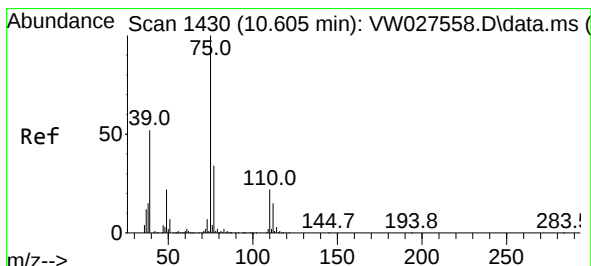
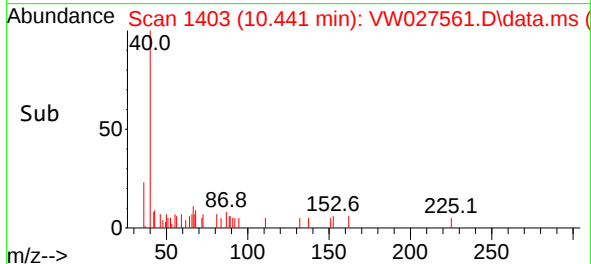
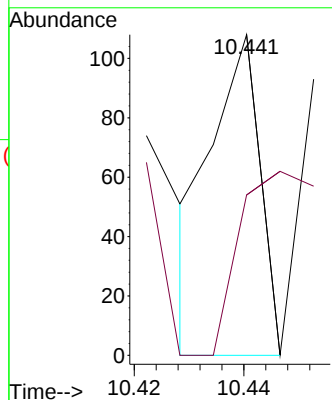
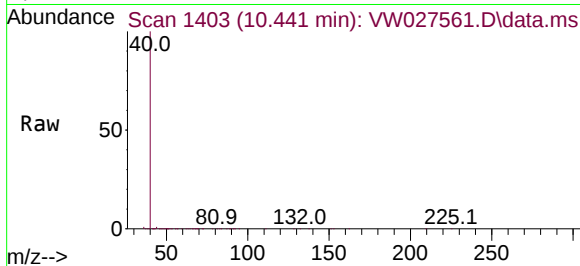




#42
Toluene
Concen: 1.245 ug/L
RT: 10.441 min Scan# 1403
Delta R.T. 0.055 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

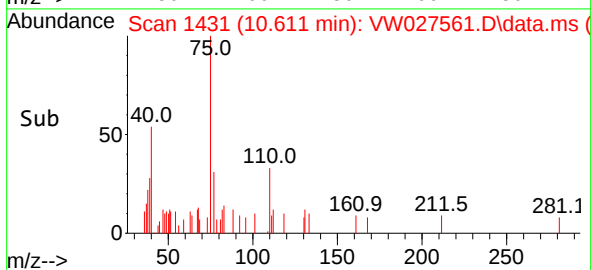
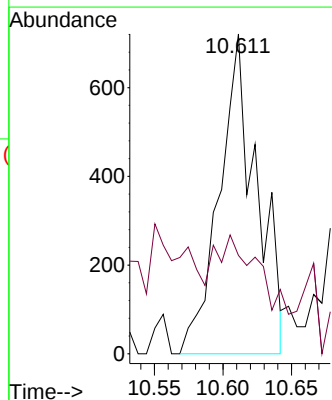
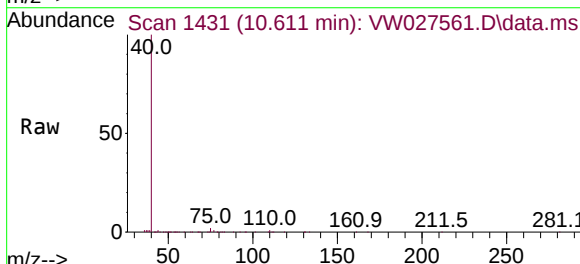
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

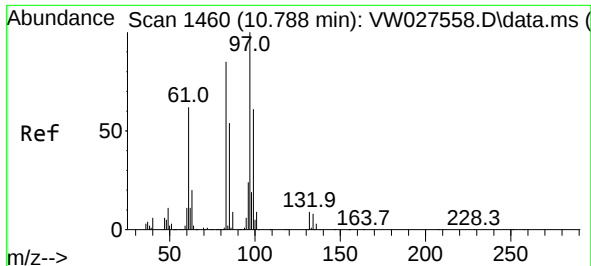
Tgt Ion: 91 Resp: 65
Ion Ratio Lower Upper
91 100
92 50.0 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 89.897 ug/L
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 75 Resp: 1364
Ion Ratio Lower Upper
75 100
77 30.8 23.7 44.1





#45

1,1,2-Trichloroethane

Concen: 17.082 ug/L

RT: 10.776 min Scan# 1458

Delta R.T. -0.012 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK571

Tgt Ion: 97 Resp: 155

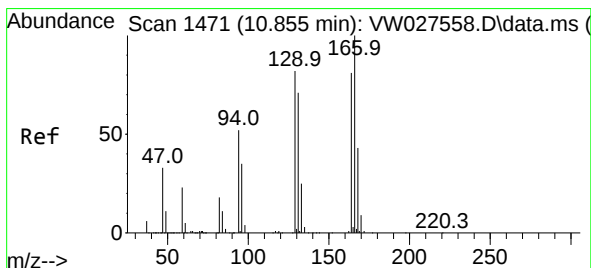
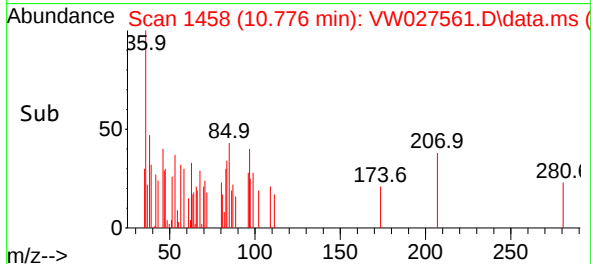
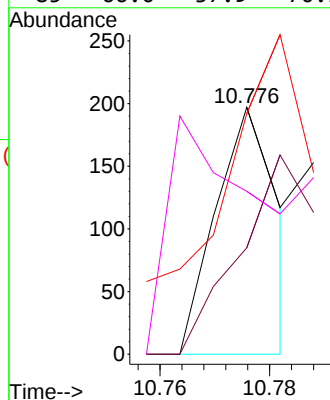
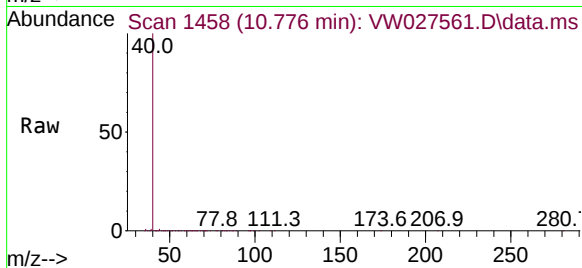
Ion Ratio Lower Upper

97 100

99 43.1 42.8 79.4

83 97.5 59.9 111.3

85 66.0 37.9 70.5



#46

Tetrachloroethene

Concen: 25.288 ug/L

RT: 10.867 min Scan# 1473

Delta R.T. 0.012 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Tgt Ion:164 Resp: 243

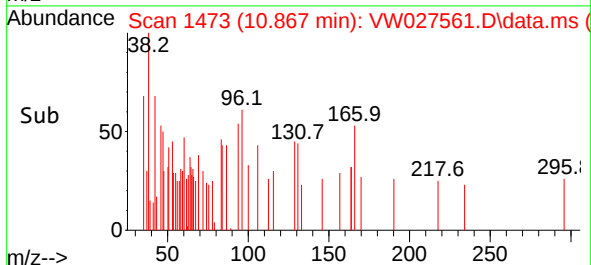
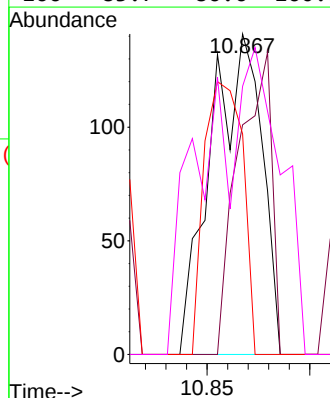
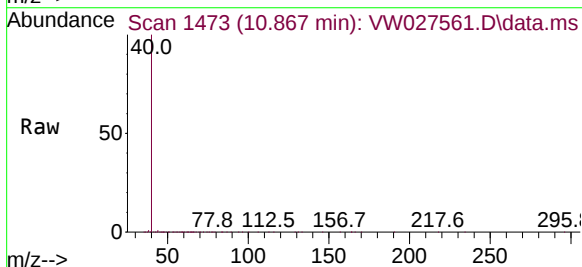
Ion Ratio Lower Upper

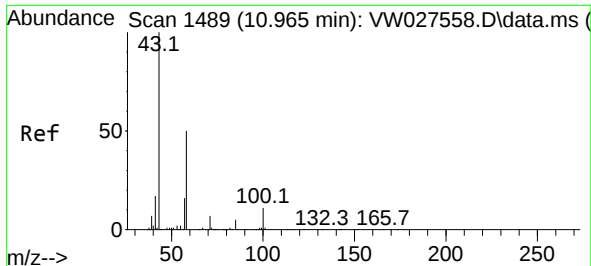
164 100

129 71.6 71.0 131.8

131 68.8 61.2 113.6

166 83.7 86.6 160.8#

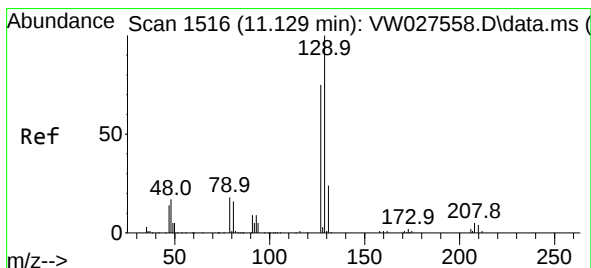
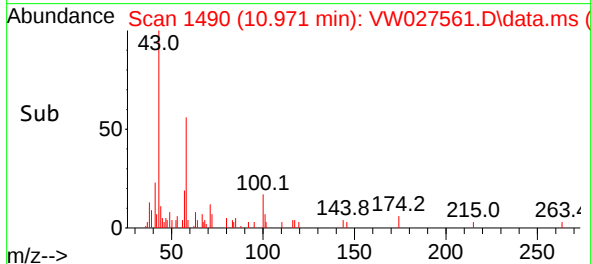
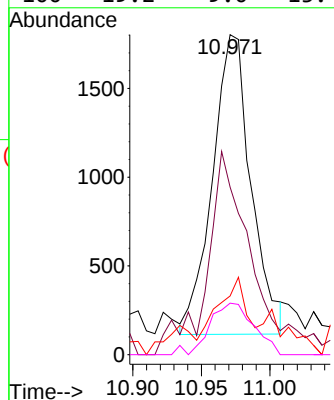
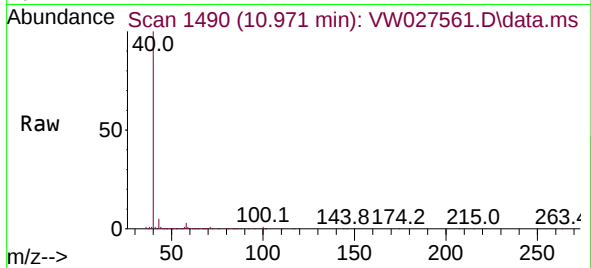




#48
2-Hexanone
Concen: 533.762 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

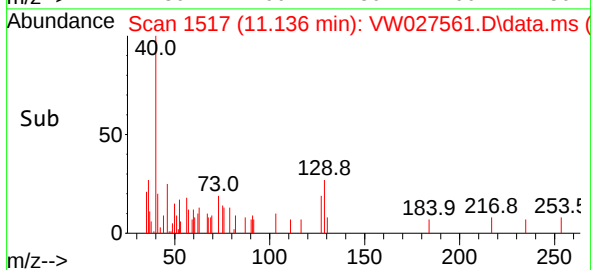
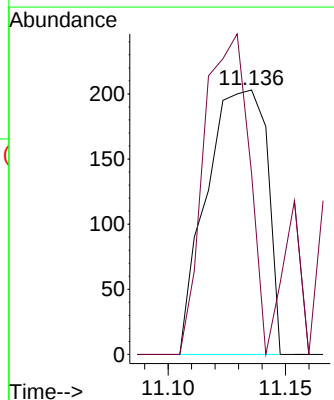
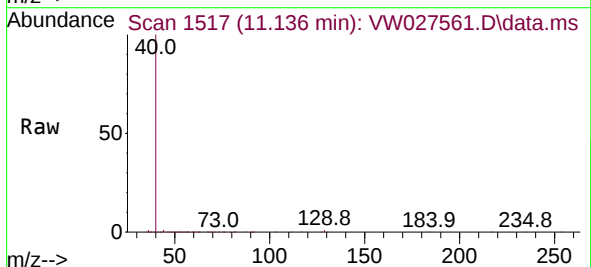
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

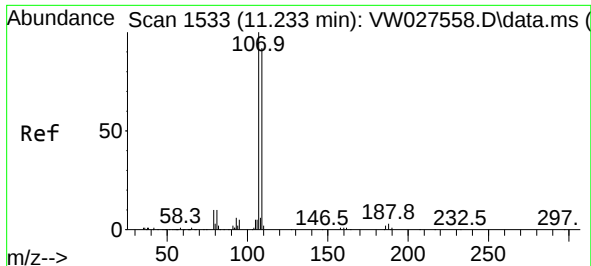
Tgt Ion: 43 Resp: 3313
Ion Ratio Lower Upper
43 100
58 51.7 40.8 61.2
57 14.2 14.8 22.2#
100 19.2 9.0 13.4#



#49
Dibromochloromethane
Concen: 40.360 ug/L
RT: 11.136 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 129 Resp: 362
Ion Ratio Lower Upper
129 100
127 68.5 52.3 97.1

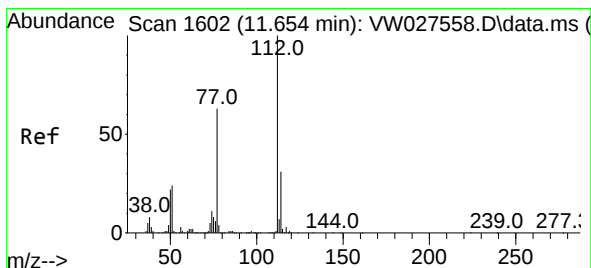
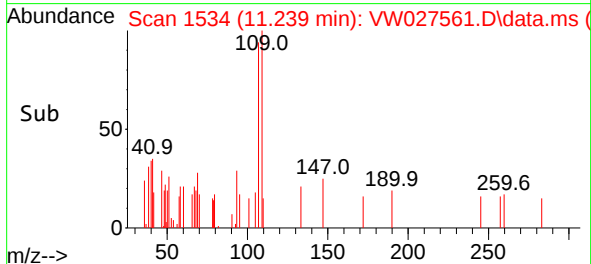
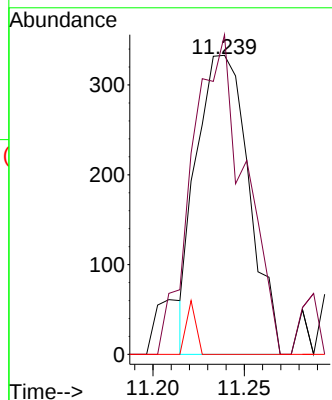
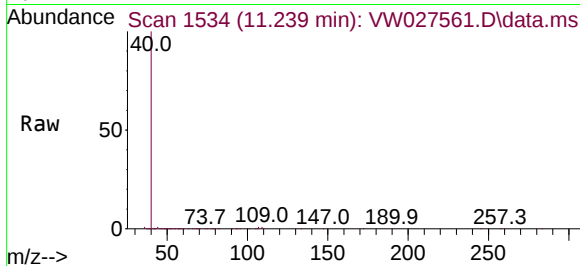




#50
1,2-Dibromoethane
Concen: 80.104 ug/L
RT: 11.239 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

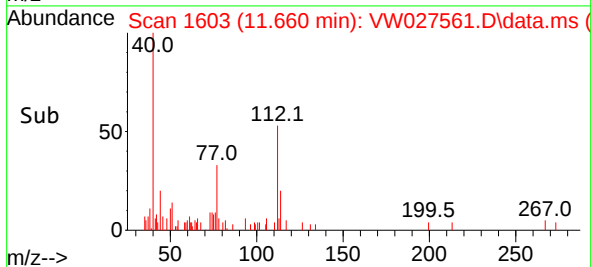
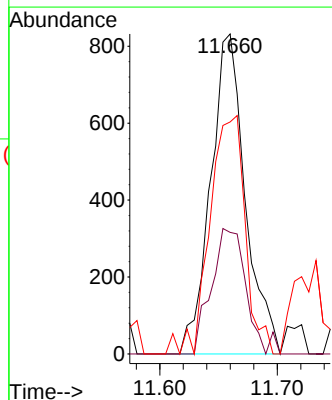
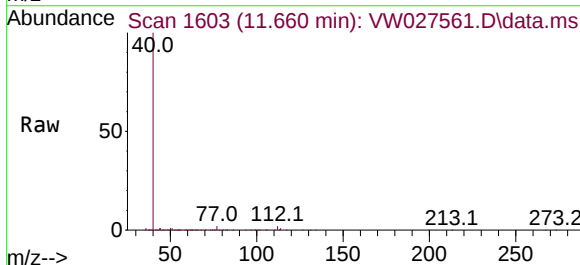
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

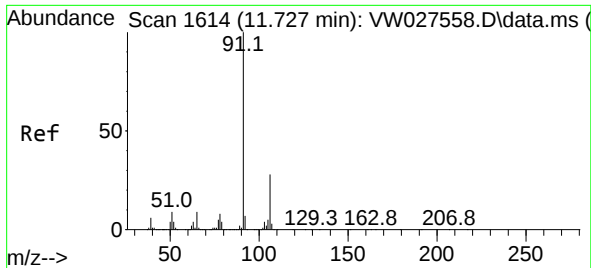
Tgt Ion:107 Resp: 665
Ion Ratio Lower Upper
107 100
109 123.1 64.8 120.3#
188 0.0 2.7 4.1#



#51
Chlorobenzene
Concen: 54.337 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion:112 Resp: 1711
Ion Ratio Lower Upper
112 100
114 38.0 21.5 39.9
77 72.5 50.6 76.0

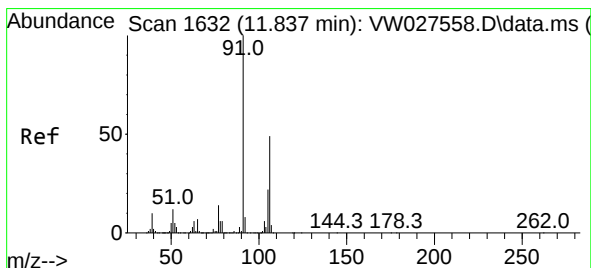
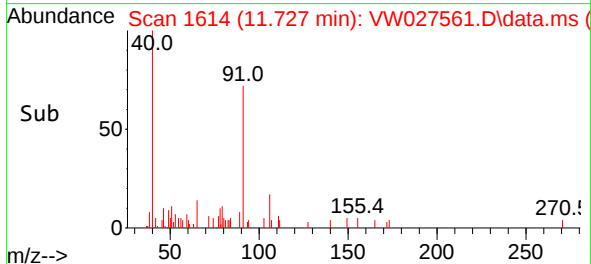
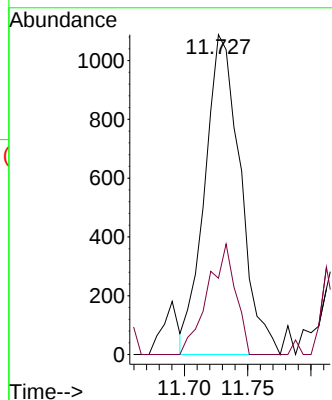
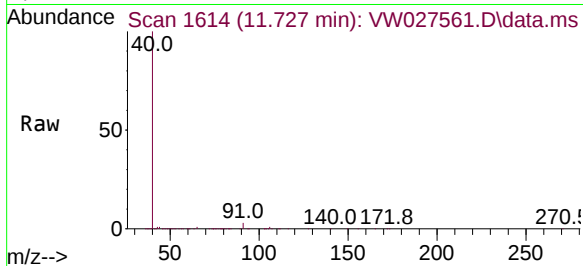




#52
Ethylbenzene
Concen: 35.942 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

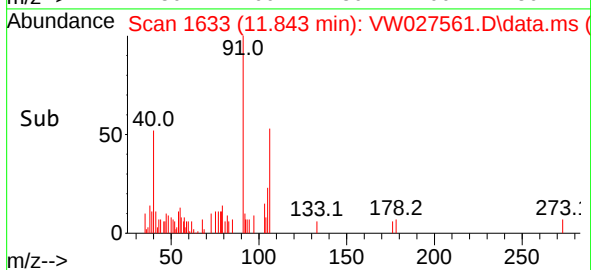
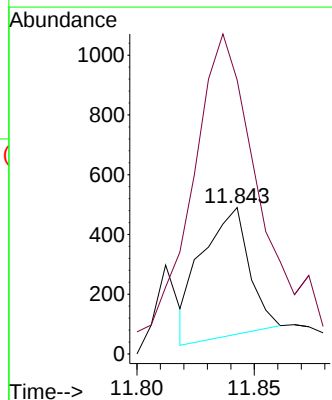
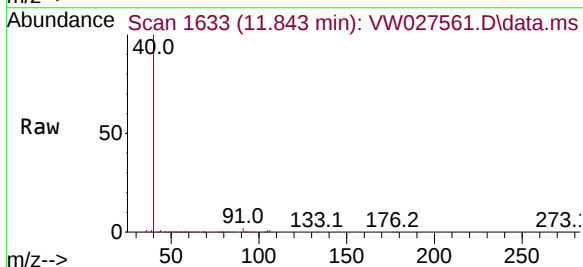
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

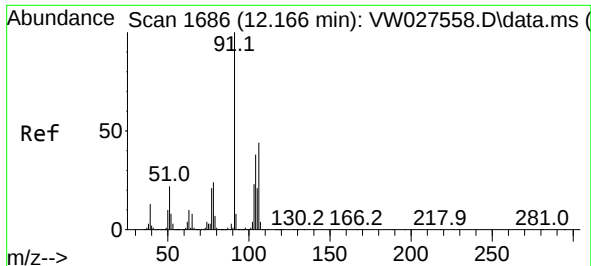
Tgt Ion: 91 Resp: 2131
Ion Ratio Lower Upper
91 100
106 23.9 19.5 36.1



#53
m,p-Xylene
Concen: 27.693 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 106 Resp: 605
Ion Ratio Lower Upper
106 100
91 187.1 142.1 263.9

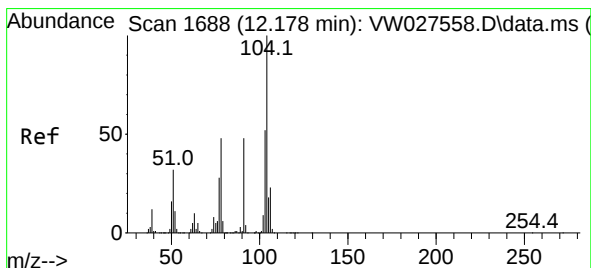
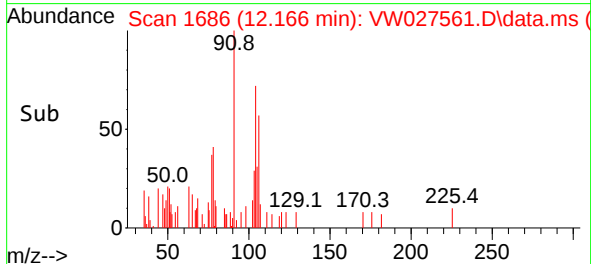
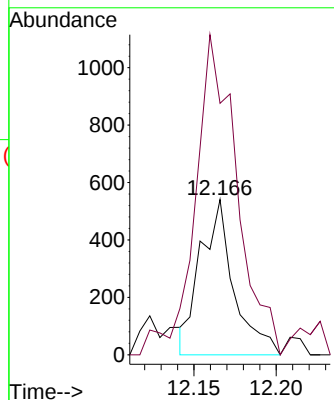
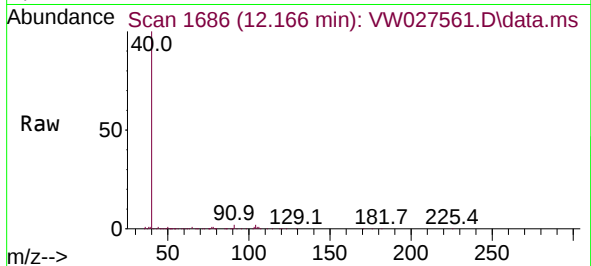




#54
o-Xylene
Concen: 38.275 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

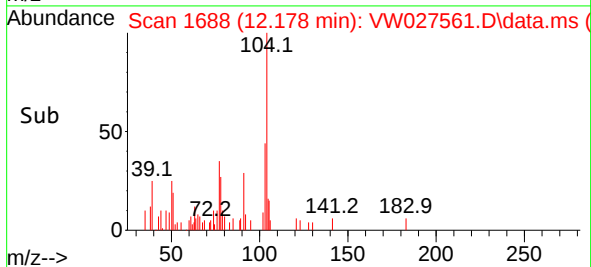
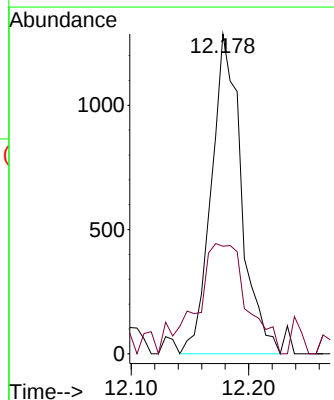
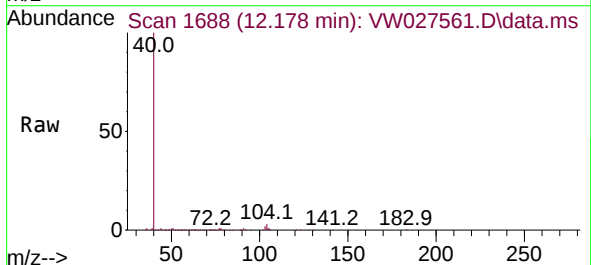
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

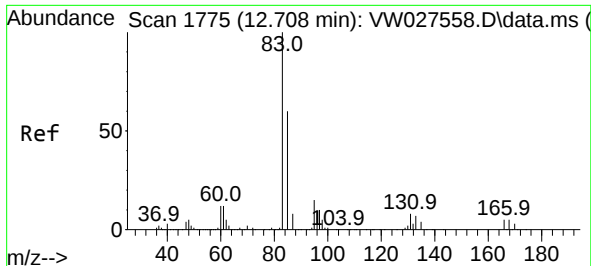
Tgt Ion:106 Resp: 760
Ion Ratio Lower Upper
106 100
91 161.9 158.8 295.0



#55
Styrene
Concen: 67.275 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion:104 Resp: 2280
Ion Ratio Lower Upper
104 100
78 33.6 33.9 62.9#





#57

1,1,2,2-Tetrachloroethane

Concen: 100.822 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK571

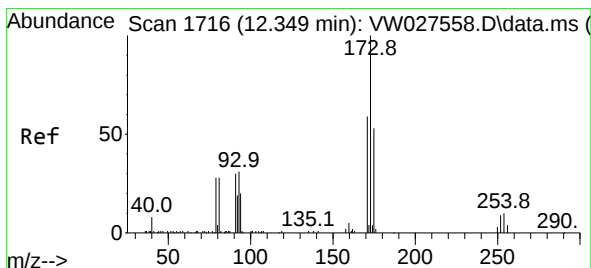
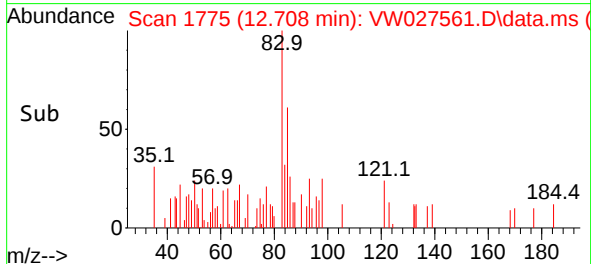
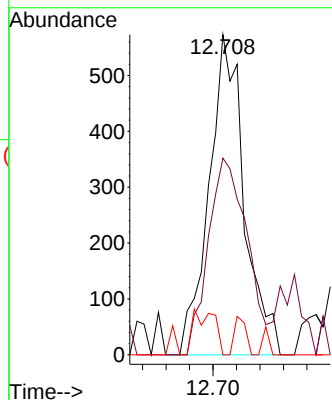
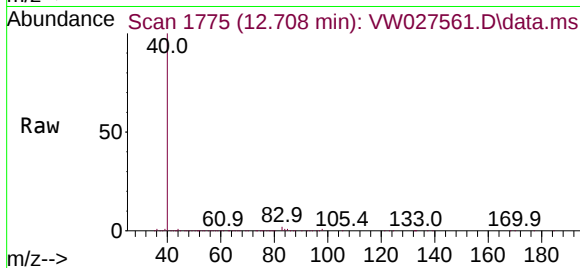
Tgt Ion: 83 Resp: 1191

Ion Ratio Lower Upper

83 100

85 61.4 41.9 77.7

131 0.0 7.0 10.6#



#59

Bromoform

Concen: 13.355 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

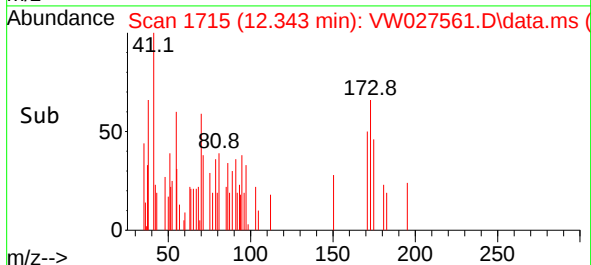
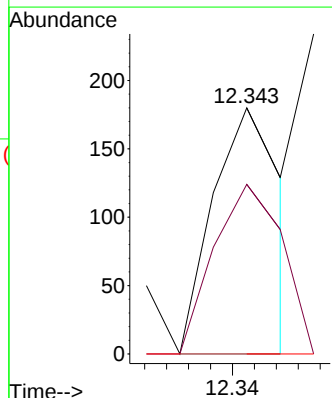
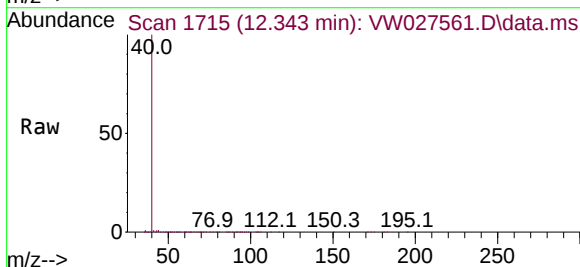
Tgt Ion: 173 Resp: 156

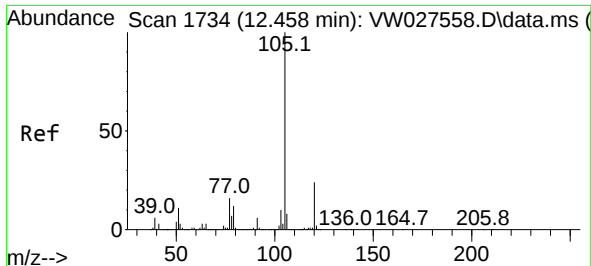
Ion Ratio Lower Upper

173 100

175 68.6 39.4 59.0#

254 0.0 7.8 11.8#

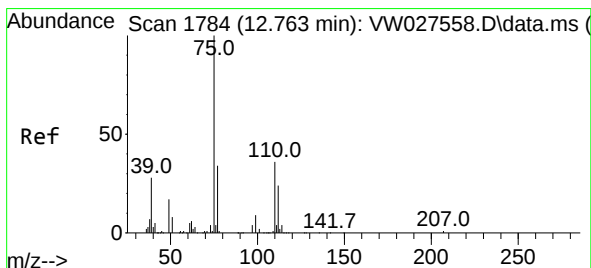
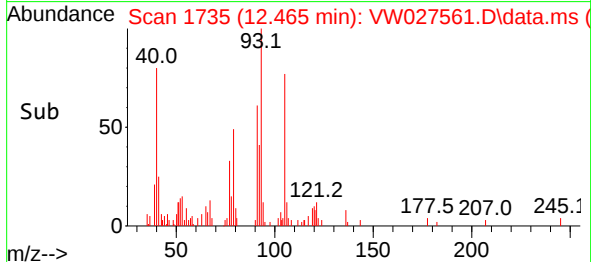
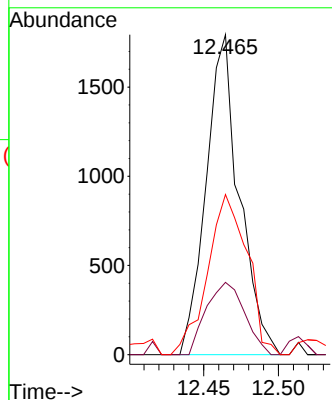
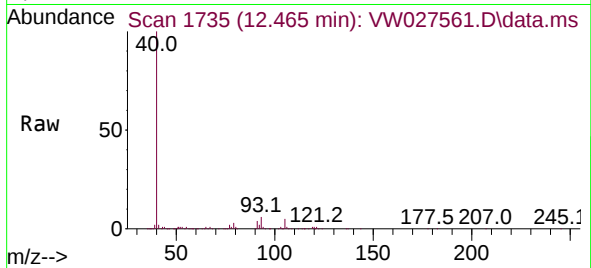




#60
Isopropylbenzene
Concen: 20.116 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

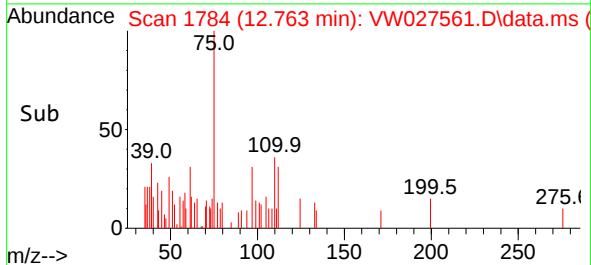
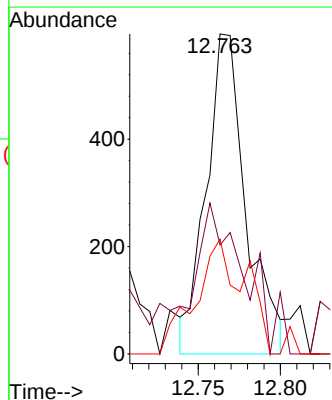
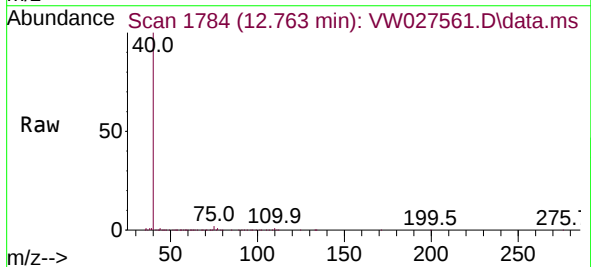
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

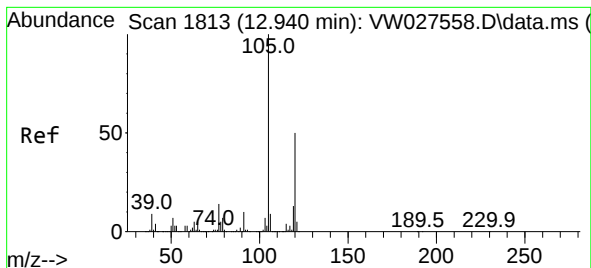
Tgt Ion:105 Resp: 2770
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5
77 59.7 13.1 19.7#



#61
1,2,3-Trichloropropane
Concen: 49.812 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion: 75 Resp: 1002
Ion Ratio Lower Upper
75 100
77 42.4 26.6 39.8#
110 26.9 30.2 45.4#





#62

1,3,5-Trimethylbenzene

Concen: 28.592 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

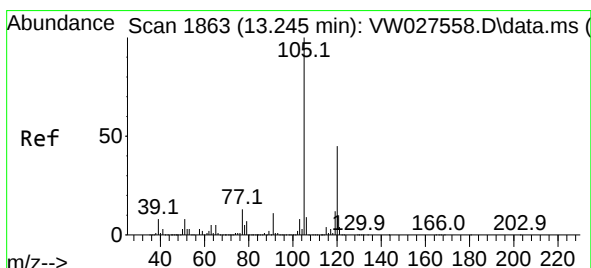
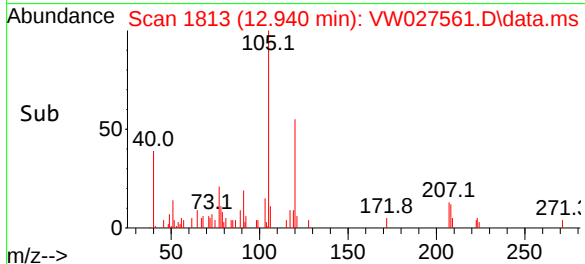
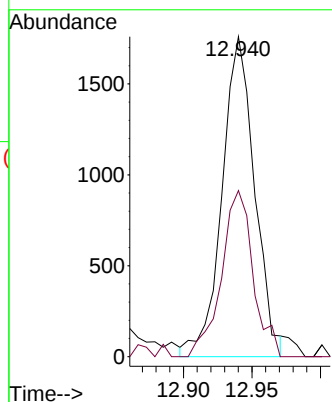
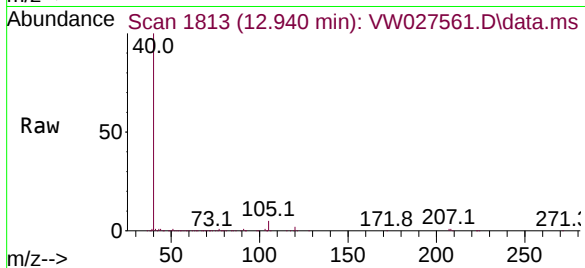
VIBLK571

Tgt Ion:105 Resp: 2912

Ion Ratio Lower Upper

105 100

120 50.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 36.861 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027561.D

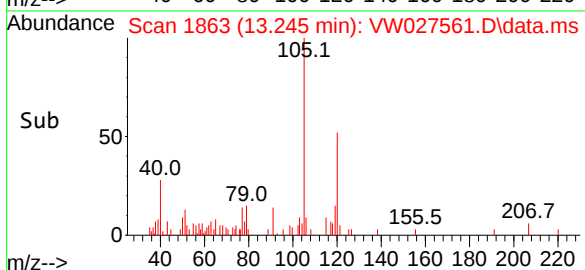
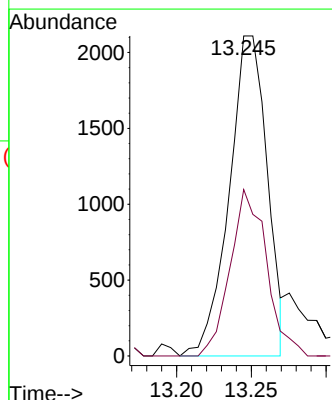
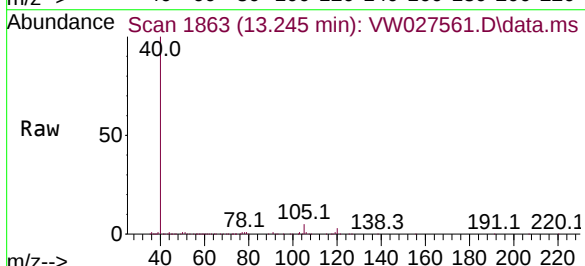
Acq: 06 Dec 2023 11:34

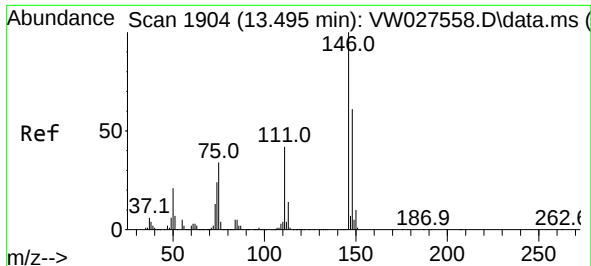
Tgt Ion:105 Resp: 3739

Ion Ratio Lower Upper

105 100

120 49.7 36.9 55.3

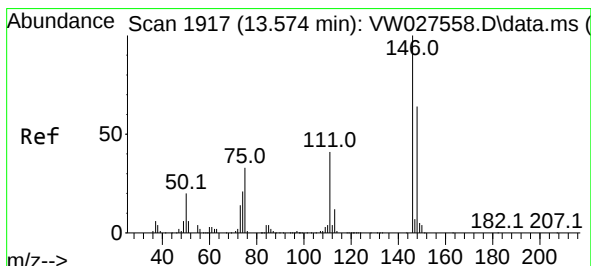
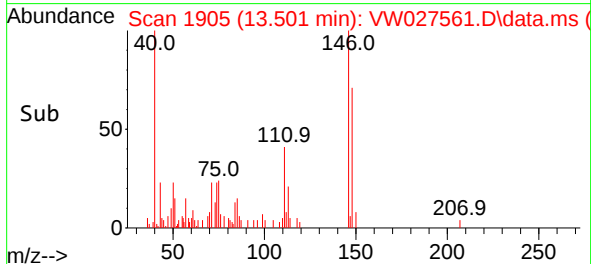
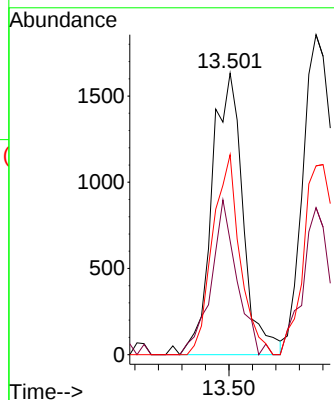
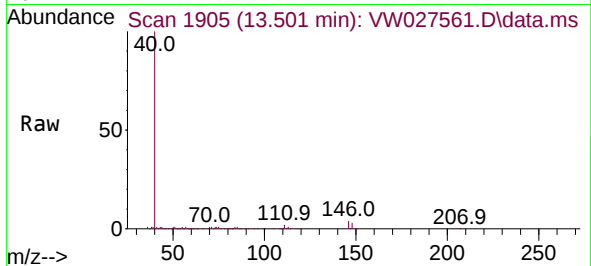




#64
1,3-Dichlorobenzene
Concen: 56.707 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

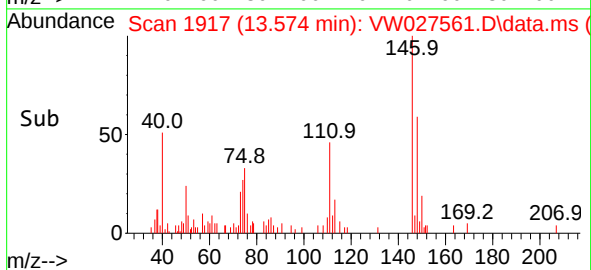
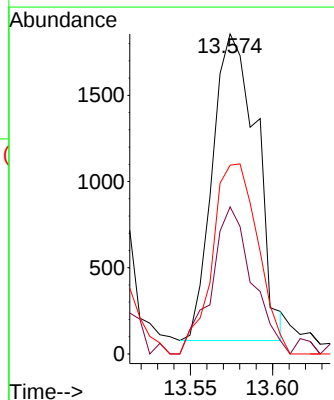
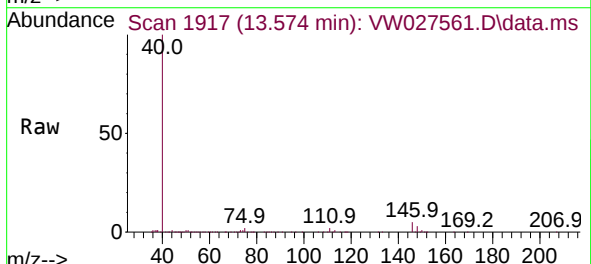
Instrument :
MSVOA_W
ClientSampleId :
VIBLK571

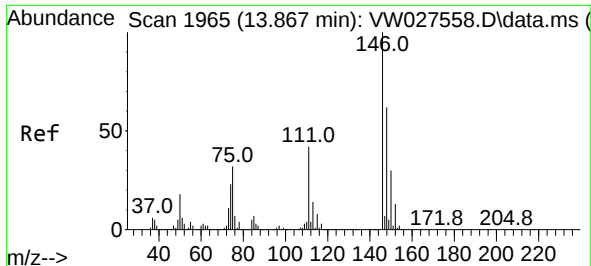
Tgt Ion:	146	Resp:	2991
Ion Ratio	Lower	Upper	
146	100		
111	40.5	29.5	54.7
148	71.1	42.8	79.6



#65
1,4-Dichlorobenzene
Concen: 62.896 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027561.D
Acq: 06 Dec 2023 11:34

Tgt Ion:	146	Resp:	3309
Ion Ratio	Lower	Upper	
146	100		
111	46.0	28.9	53.7
148	59.0	44.9	83.5





#67

1,2-Dichlorobenzene

Concen: 79.694 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK571

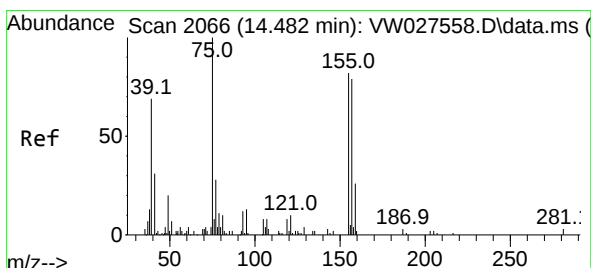
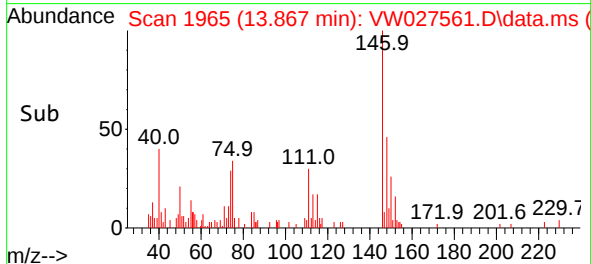
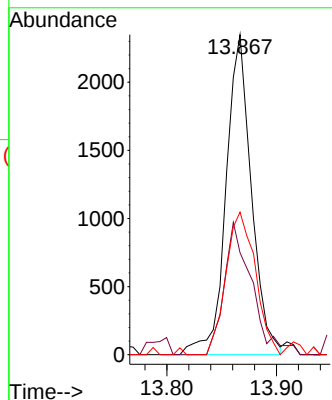
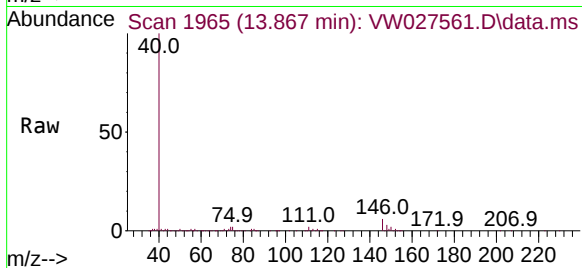
Tgt Ion:146 Resp: 3787

Ion Ratio Lower Upper

146 100

111 31.9 33.9 50.9#

148 44.6 49.5 74.3#



#68

1,2-Dibromo-3-chloropropane

Concen: 213.495 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

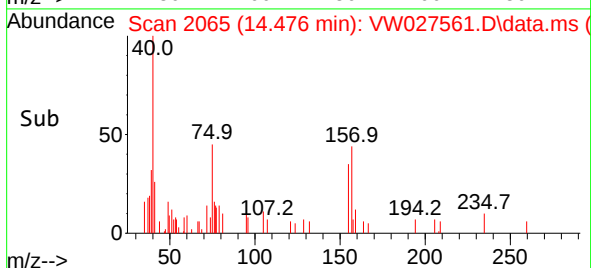
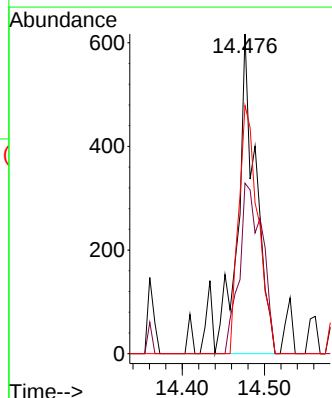
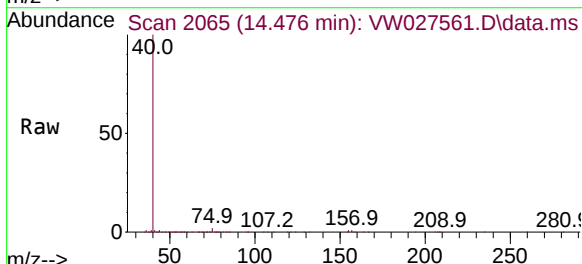
Tgt Ion: 75 Resp: 1033

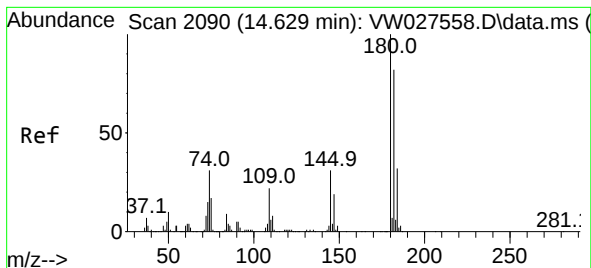
Ion Ratio Lower Upper

75 100

155 53.3 65.8 98.8#

157 77.6 63.0 94.6





#69

1,3,5-Trichlorobenzene

Concen: 153.066 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK571

Tgt Ion:180 Resp: 5429

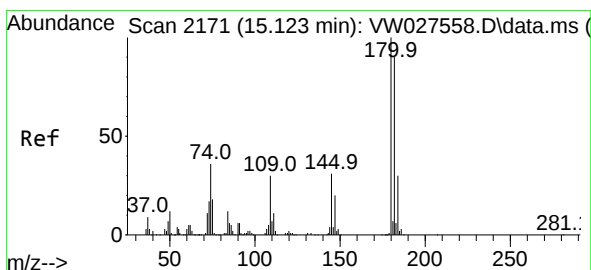
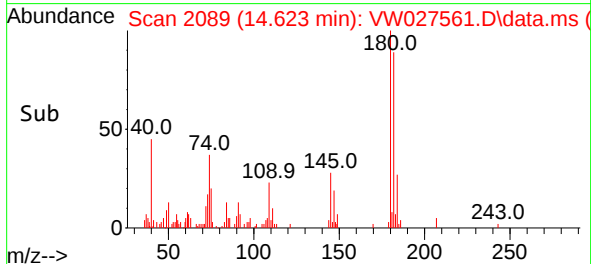
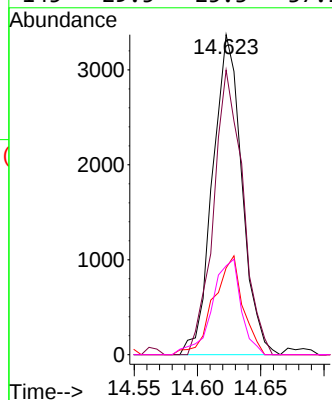
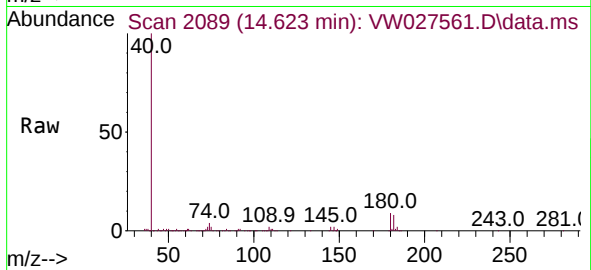
Ion Ratio Lower Upper

180 100

182 88.8 73.2 109.8

184 30.7 25.4 38.2

145 29.5 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 246.382 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

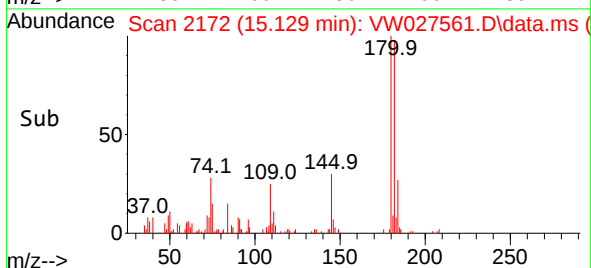
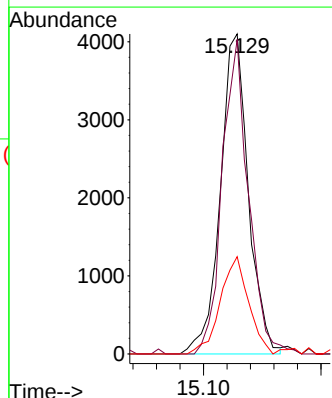
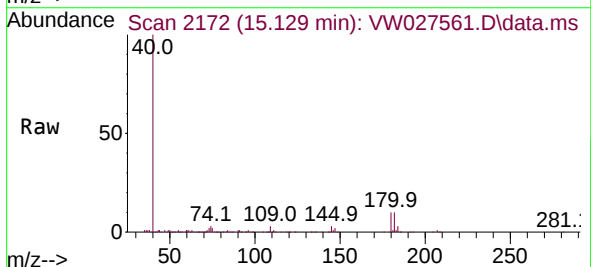
Tgt Ion:180 Resp: 6786

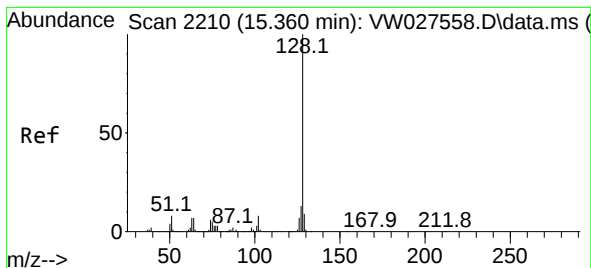
Ion Ratio Lower Upper

180 100

182 92.2 78.7 118.1

145 30.8 26.8 40.2





#71

Naphthalene

Concen: 337.519 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VIBLK571

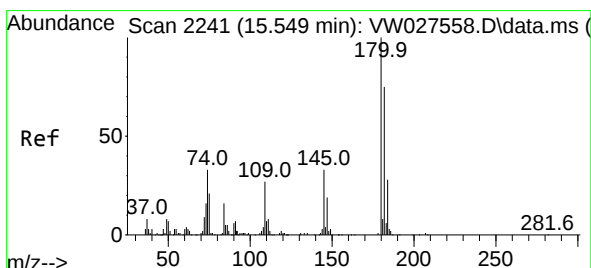
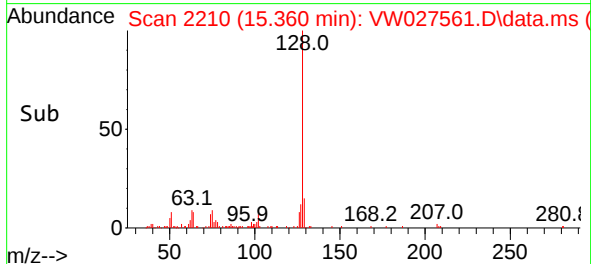
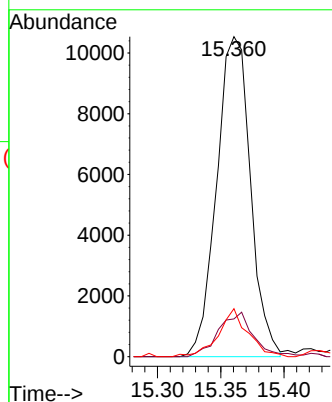
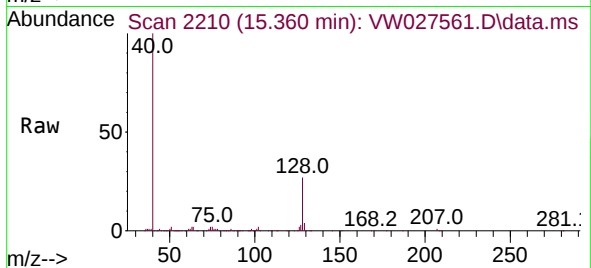
Tgt Ion:128 Resp: 19553

Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 12.8 8.6 12.8#



#72

1,2,3-Trichlorobenzene

Concen: 365.135 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027561.D

Acq: 06 Dec 2023 11:34

Tgt Ion:180 Resp: 8615

Ion Ratio Lower Upper

180 100

182 89.3 72.4 108.6

145 32.3 27.4 41.0

