

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027539.D
 Acq On : 06 Nov 2023 09:44
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:25:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	466286	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	420008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	198786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	201204	23.833	ug/L	0.00
7) Chloroethane-d5	2.899	69	140266	24.107	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	90800	24.677	ug/L	0.00
21) 2-Butanone-d5	7.081	46	88672	48.489	ug/L	0.00
24) Chloroform-d	7.648	84	337576	24.814	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	175765	25.428	ug/L	0.00
32) Benzene-d6	8.276	84	710477	25.301	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	219057	25.252	ug/L	0.00
41) Toluene-d8	10.325	98	639024	25.435	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	86809	26.124	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	69752	52.828	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152194	26.102	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	188038	24.886	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	121226	23.593	ug/L	100
3) Chloromethane	2.222	50	159132	23.099	ug/L	100
5) Vinyl chloride	2.375	62	182024	23.290	ug/L	100
6) Bromomethane	2.789	94	100982	23.422	ug/L	100
8) Chloroethane	2.936	64	104215	23.318	ug/L	100
9) Trichlorofluoromethane	3.271	101	140179	23.698	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	139452	23.593	ug/L	100
12) 1,1-Dichloroethene	4.045	96	147989	24.052	ug/L	100
13) Acetone	4.131	43	95995	49.701	ug/L	100
14) Carbon disulfide	4.387	76	501569	23.699	ug/L	100
15) Methyl Acetate	4.679	43	68613	24.027	ug/L	98
16) Methylene chloride	4.917	84	161198	21.181	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	154151	23.655	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	235576	24.230	ug/L	100
19) 1,1-Dichloroethane	6.222	63	309334	23.843	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	168639	23.940	ug/L	100
22) 2-Butanone	7.173	43	119790	48.762	ug/L	100
23) Bromochloromethane	7.520	128	69506	23.731	ug/L	100
25) Chloroform	7.679	83	287359	23.857	ug/L	100
27) 1,2-Dichloroethane	8.398	62	188516	23.785	ug/L	100
29) Cyclohexane	7.959	56	305835	24.038	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	235599	23.967	ug/L	100
31) Carbon tetrachloride	8.069	117	206852	24.040	ug/L	100
33) Benzene	8.325	78	669004	24.106	ug/L	100
34) Trichloroethene	9.093	95	171425	23.899	ug/L	100
35) Methylcyclohexane	9.337	83	313876	24.158	ug/L	100
37) 1,2-Dichloropropane	9.367	63	175208	24.011	ug/L	100
38) Bromodichloromethane	9.642	83	203458	24.513	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	265268	24.589	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	203018	49.826	ug/L	100
42) Toluene	10.386	91	695712	24.163	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	215423	24.850	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027539.D
 Acq On : 06 Nov 2023 09:44
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:25:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
 Response via : Initial Calibration

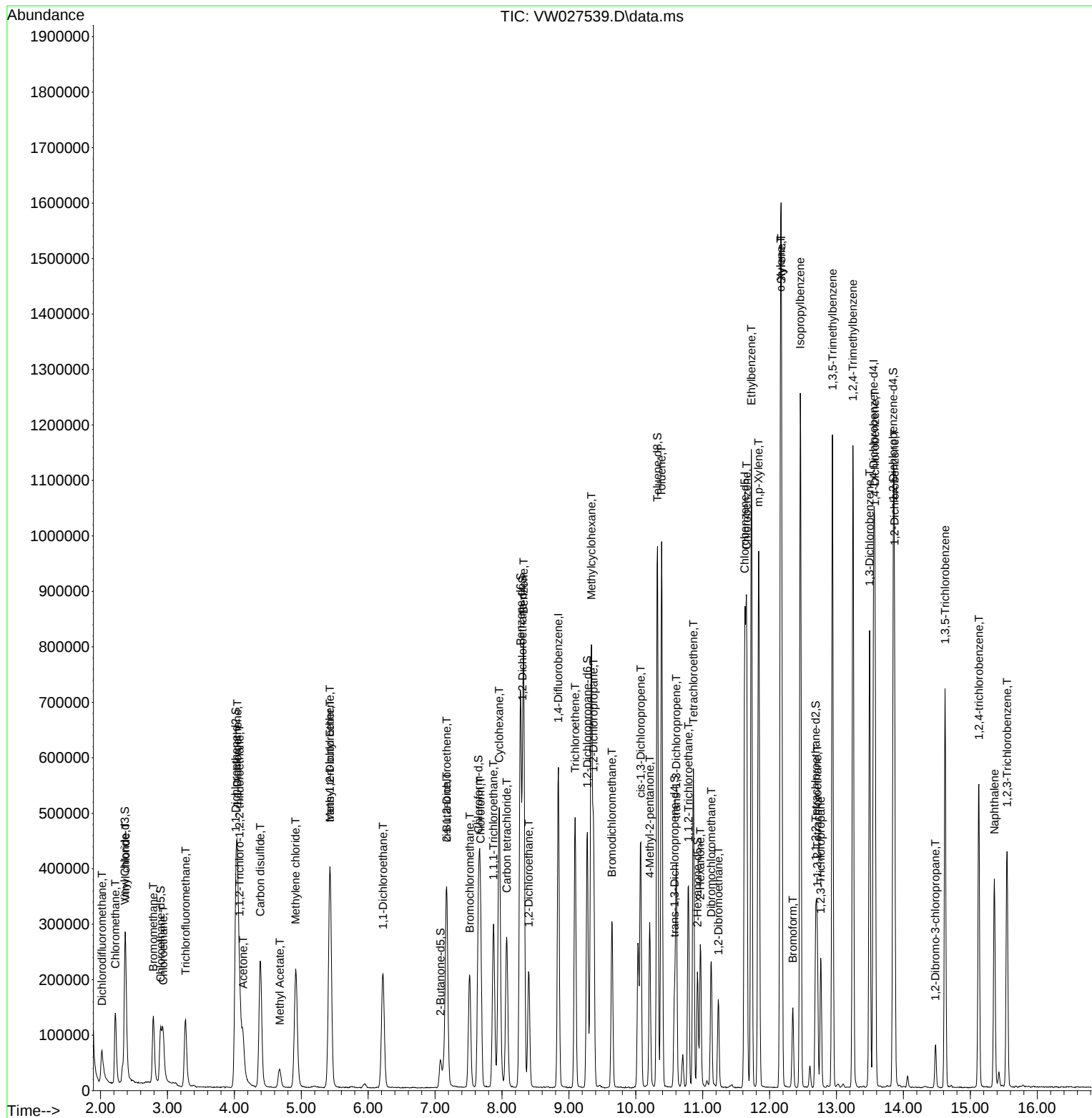
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	113541	23.932	ug/L	100
46) Tetrachloroethene	10.861	164	121618	23.626	ug/L	100
48) 2-Hexanone	10.965	43	174489	53.816	ug/L	100
49) Dibromochloromethane	11.129	129	116573	24.302	ug/L	100
50) 1,2-Dibromoethane	11.233	107	107157	24.101	ug/L	100
51) Chlorobenzene	11.654	112	421950	23.811	ug/L	100
52) Ethylbenzene	11.727	91	791882	24.116	ug/L	100
53) m,p-Xylene	11.836	106	298908	24.687	ug/L	100
54) o-Xylene	12.166	106	277404	24.199	ug/L	100
55) Styrene	12.178	104	477421	24.577	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	136997	24.648	ug/L	100
59) Bromoform	12.349	173	60662	23.643	ug/L	100
60) Isopropylbenzene	12.458	105	785139	24.115	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	99158	24.181	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	600898	24.207	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	607388	23.909	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	314584	23.778	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	311591	23.509	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	270841	23.460	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	20336	22.218	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	200762	23.656	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	166752	24.182	ug/L	100
71) Naphthalene	15.360	128	313919	24.448	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	134868	23.517	ug/L	100

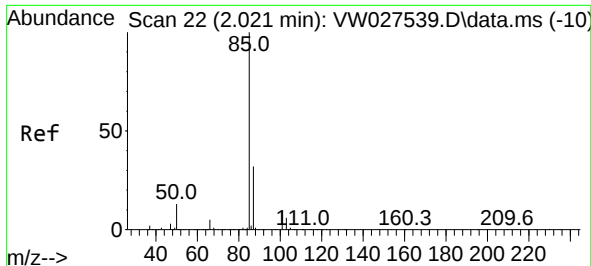
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027539.D
 Acq On : 06 Nov 2023 09:44
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:25:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
 Response via : Initial Calibration

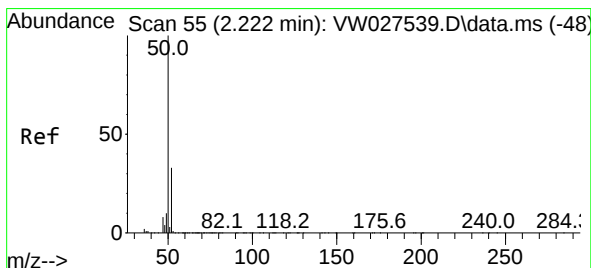
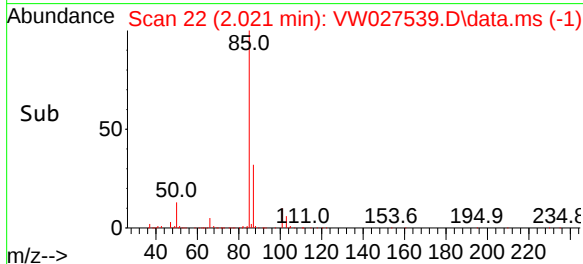
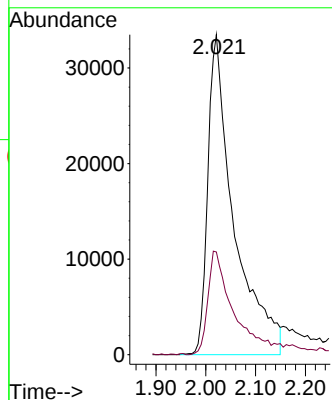
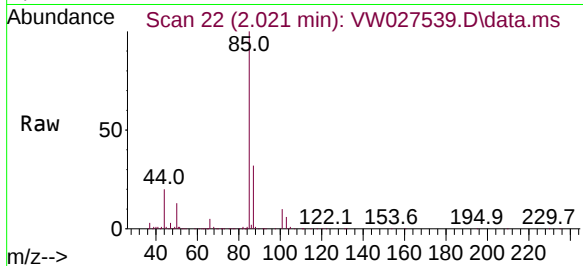




#2
 Dichlorodifluoromethane
 Concen: 23.593 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027539.D
 Acq: 06 Nov 2023 09:44

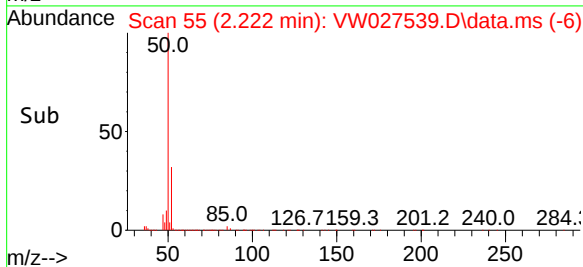
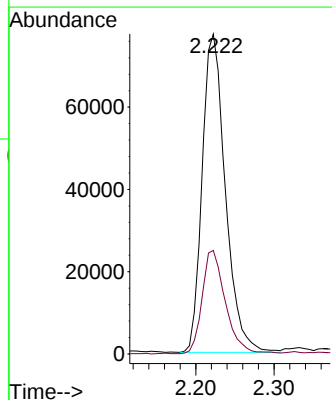
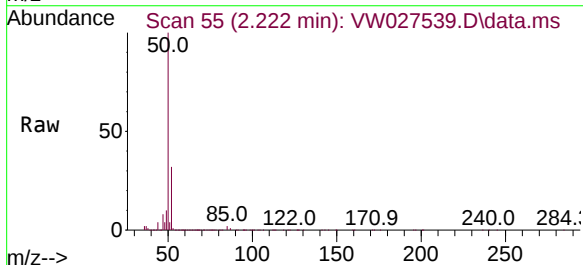
Instrument :
 MSVOA_W
 ClientSampleId :

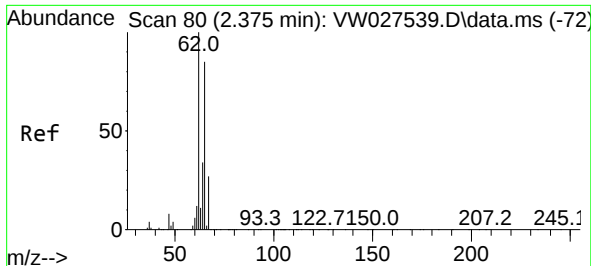
Tgt Ion: 85 Resp: 121226
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.5 36.7



#3
 Chloromethane
 Concen: 23.099 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027539.D
 Acq: 06 Nov 2023 09:44

Tgt Ion: 50 Resp: 159132
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.6 42.0

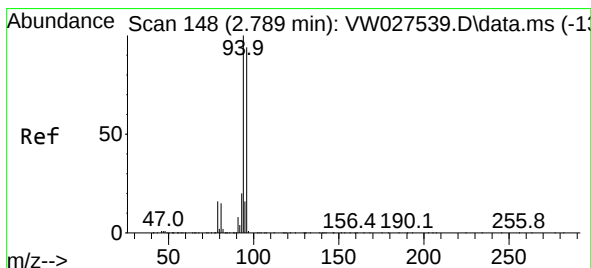
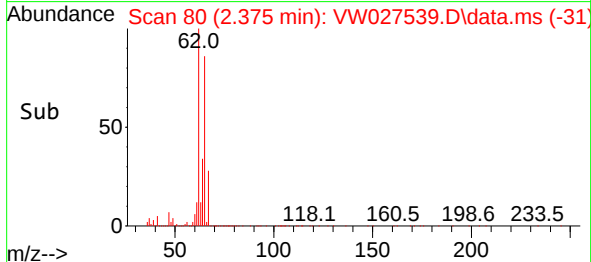
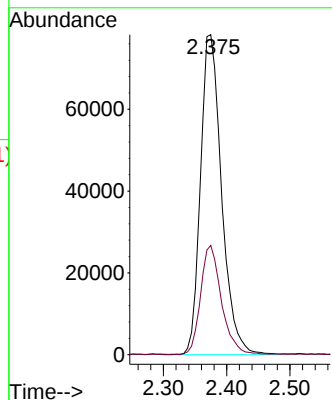
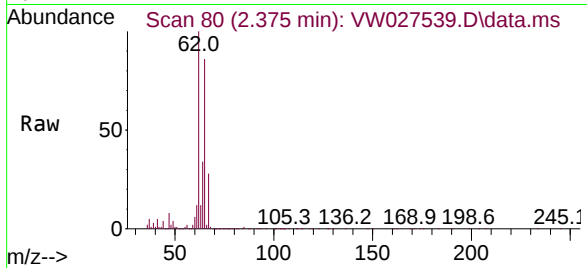




#5
 Vinyl chloride
 Concen: 23.290 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027539.D
 Acq: 06 Nov 2023 09:44

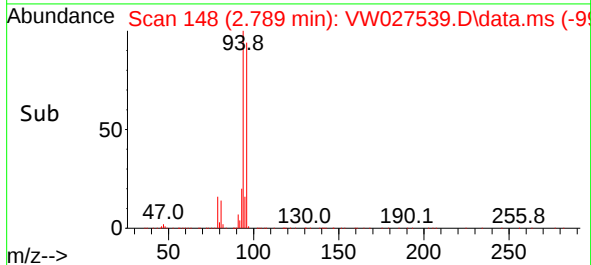
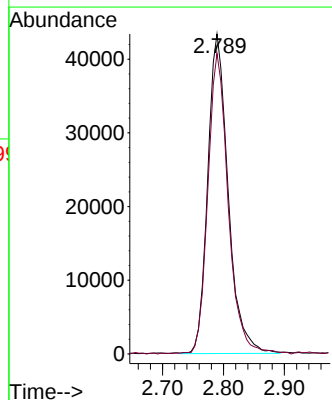
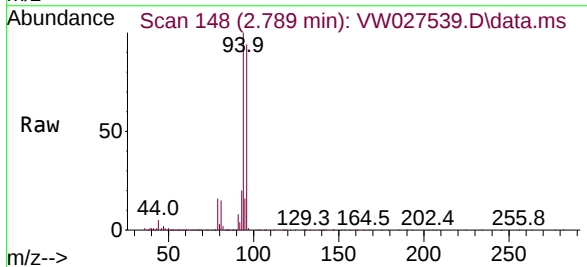
Instrument :
 MSVOA_W
 ClientSampleId :

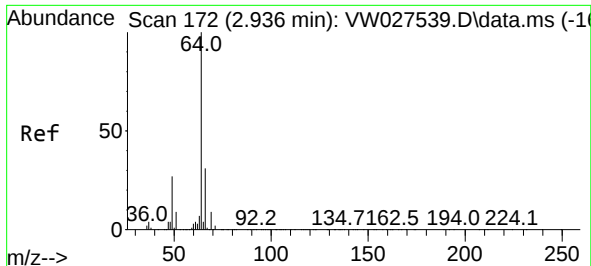
Tgt Ion: 62 Resp: 182024
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.9 44.3



#6
 Bromomethane
 Concen: 23.422 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027539.D
 Acq: 06 Nov 2023 09:44

Tgt Ion: 94 Resp: 100982
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.7 122.1

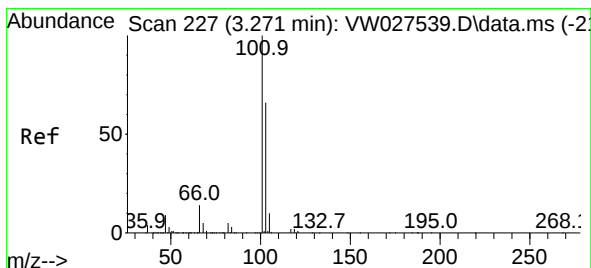
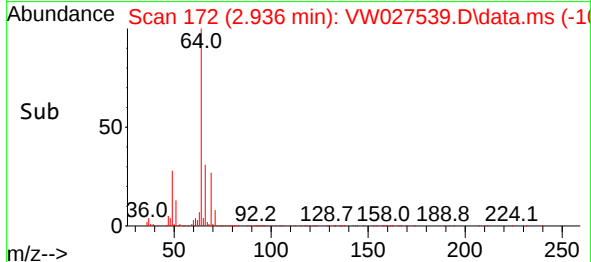
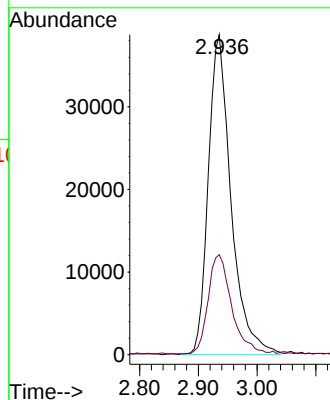
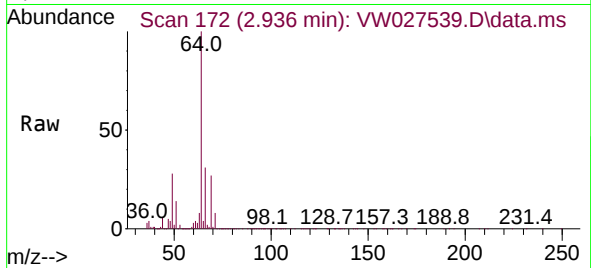




#8
Chloroethane
Concen: 23.318 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

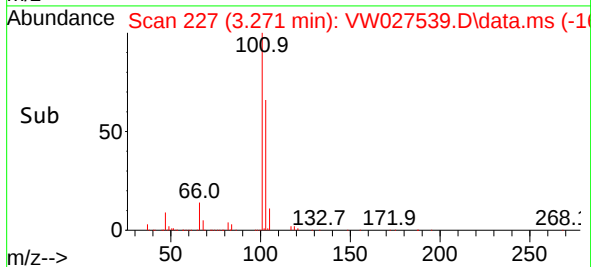
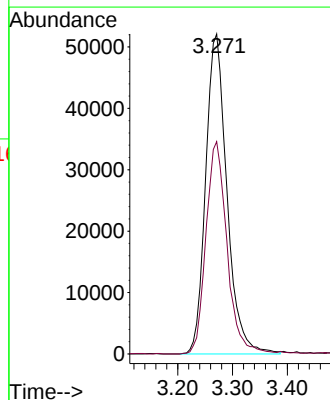
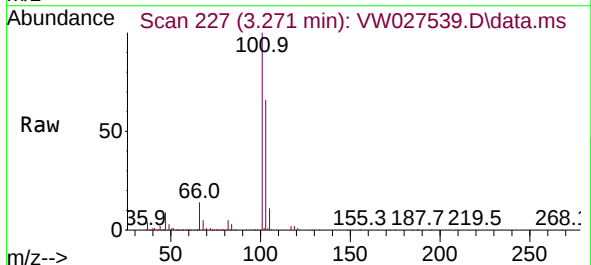
Instrument :
MSVOA_W
ClientSampleId :

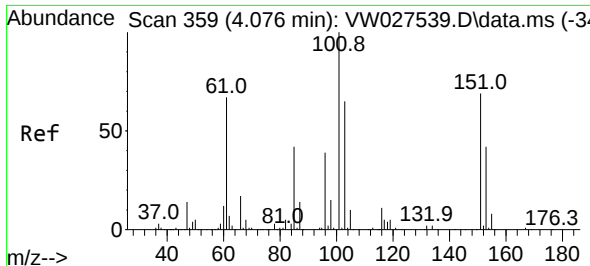
Tgt Ion: 64 Resp: 104215
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.6



#9
Trichlorofluoromethane
Concen: 23.698 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion: 101 Resp: 140179
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8

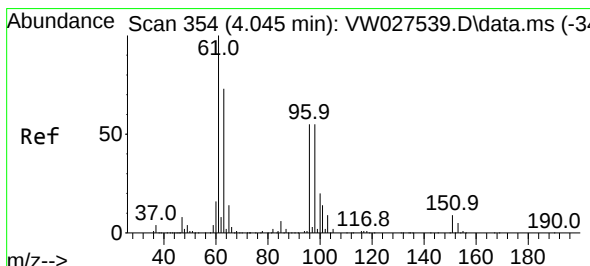
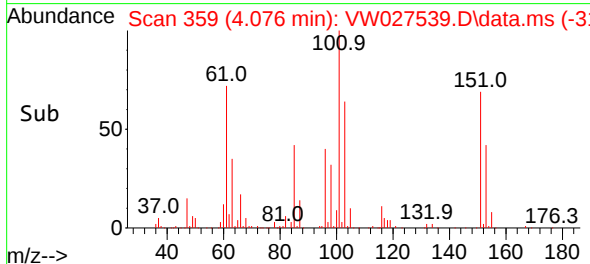
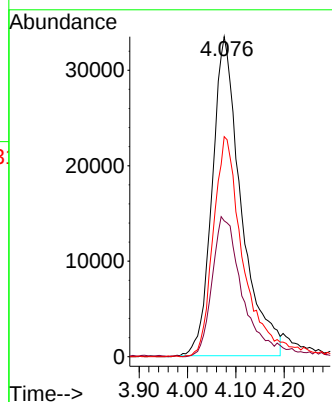
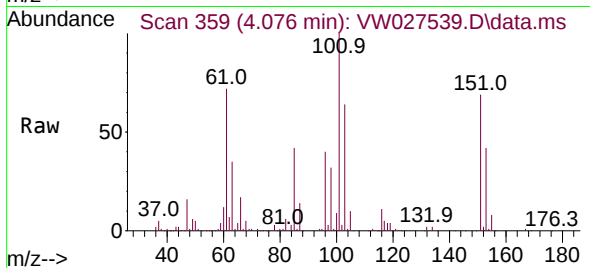




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.593 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027539.D
 Acq: 06 Nov 2023 09:44

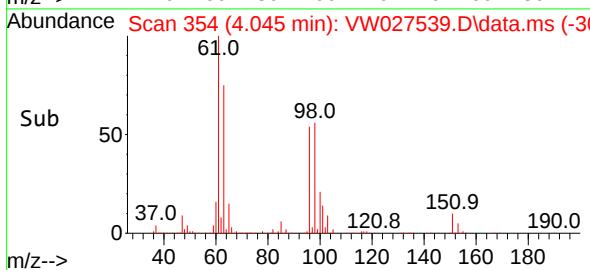
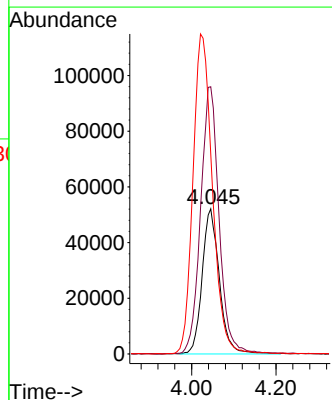
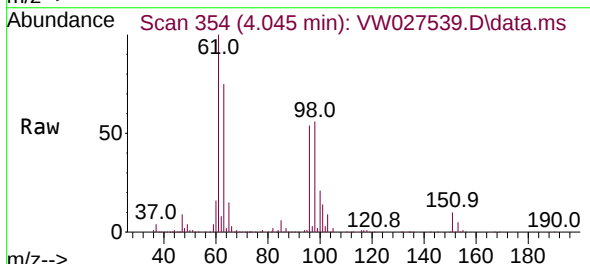
Instrument :
 MSVOA_W
 ClientSampleId :

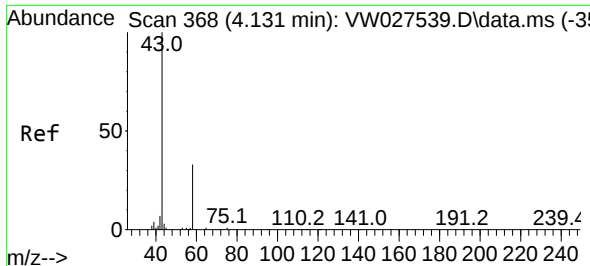
Tgt Ion:101 Resp: 139452
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 70.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 24.052 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027539.D
 Acq: 06 Nov 2023 09:44

Tgt Ion: 96 Resp: 147989
 Ion Ratio Lower Upper
 96 100
 61 184.1 128.9 239.3
 63 137.7 96.4 179.0

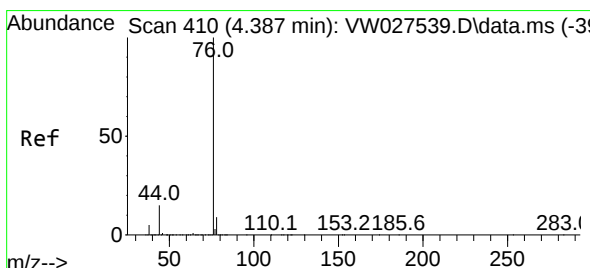
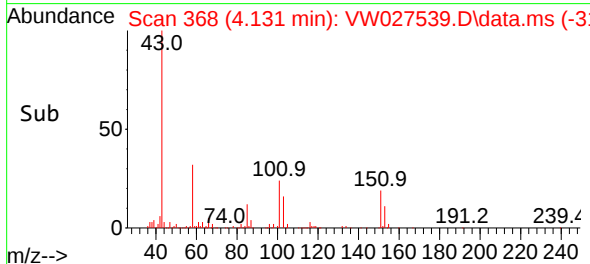
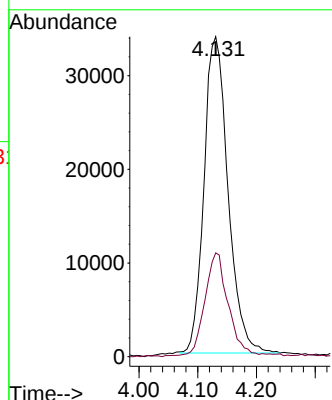
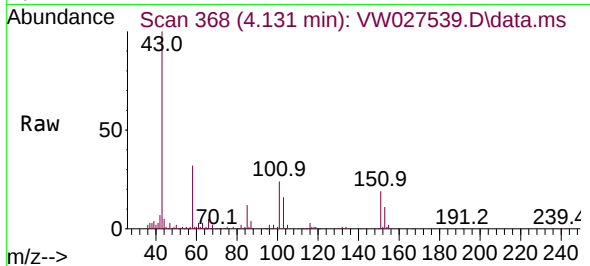




#13
Acetone
Concen: 49.701 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

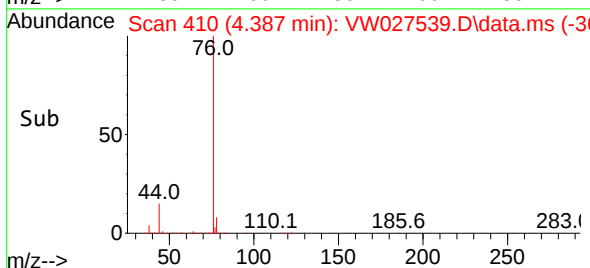
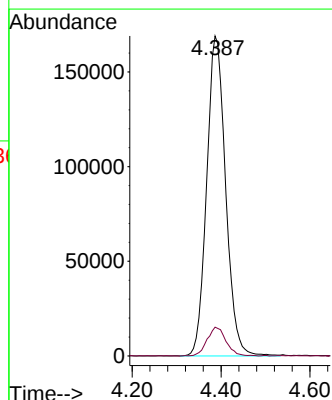
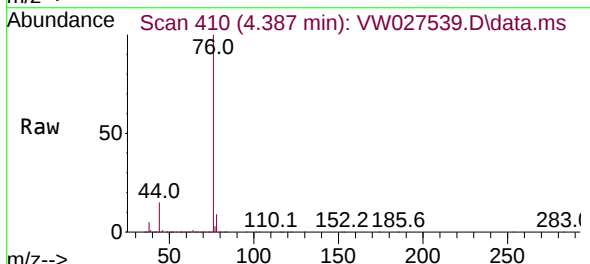
Instrument :
MSVOA_W
ClientSampleId :

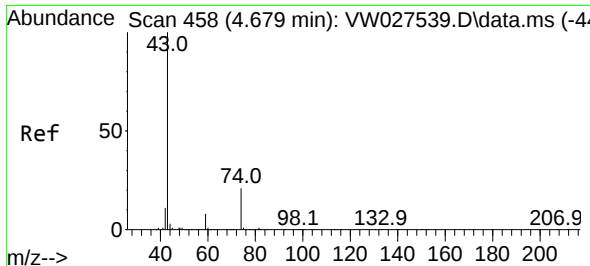
Tgt Ion: 43 Resp: 95995
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.4



#14
Carbon disulfide
Concen: 23.699 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion: 76 Resp: 501569
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

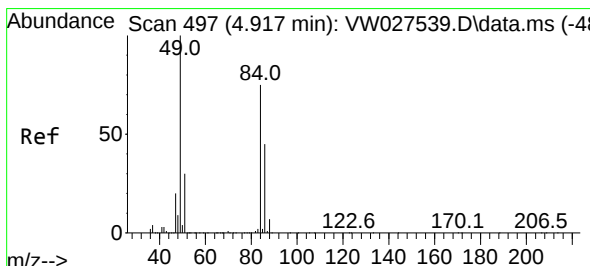
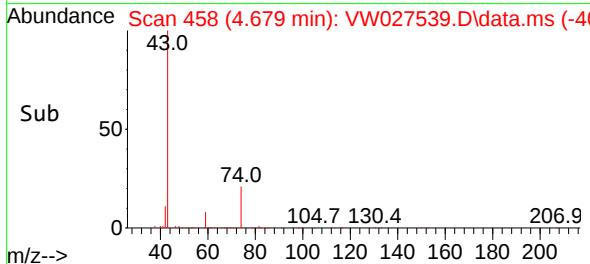
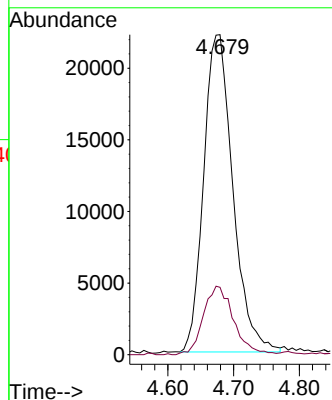
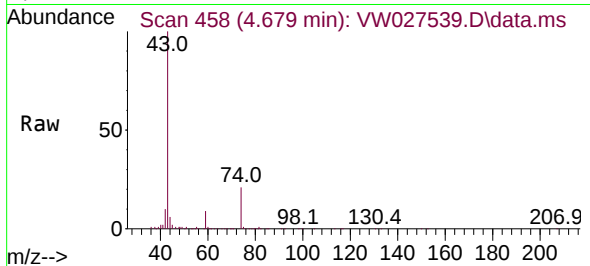




#15
Methyl Acetate
Concen: 24.027 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

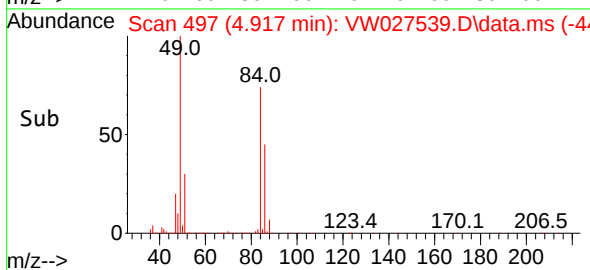
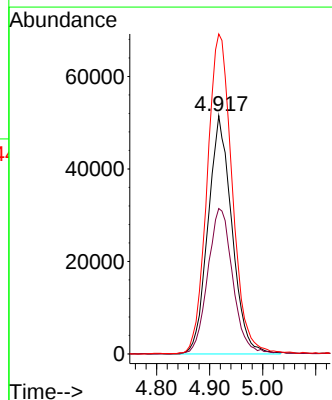
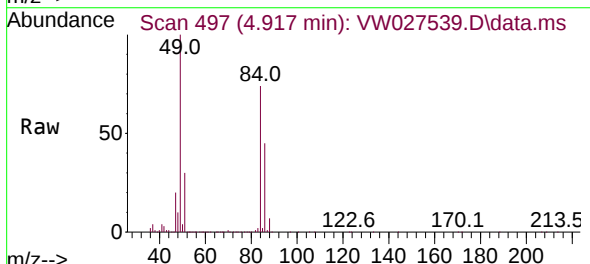
Instrument :
MSVOA_W
ClientSampleId :

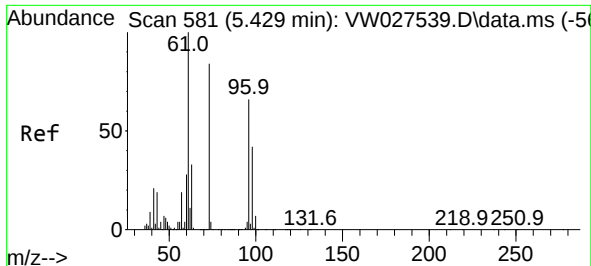
Tgt Ion: 43 Resp: 68613
Ion Ratio Lower Upper
43 100
74 21.9 16.9 25.3



#16
Methylene chloride
Concen: 21.181 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion: 84 Resp: 161198
Ion Ratio Lower Upper
84 100
86 61.0 42.7 79.3
49 134.3 94.0 174.6

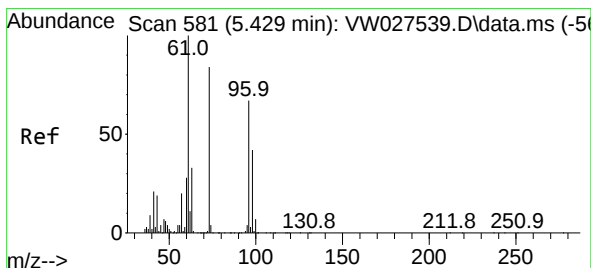
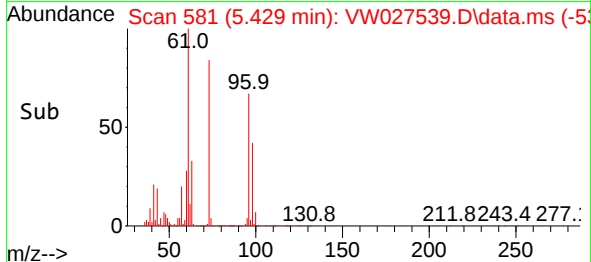
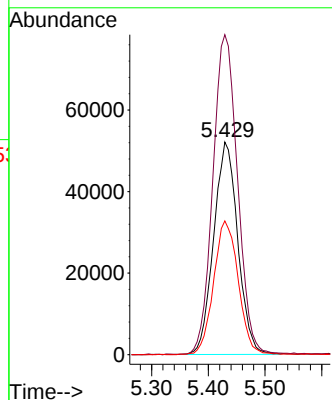
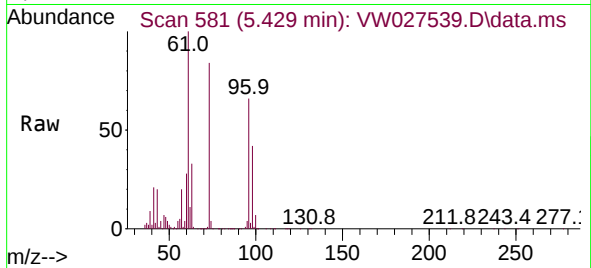




#17
trans-1,2-Dichloroethene
Concen: 23.655 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

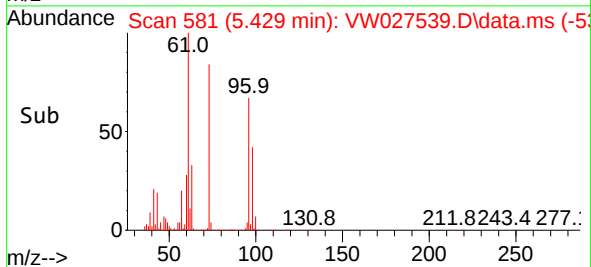
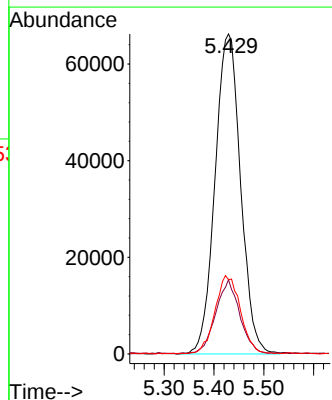
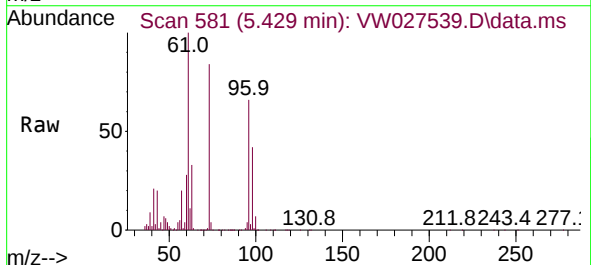
Instrument :
MSVOA_W
ClientSampleId :

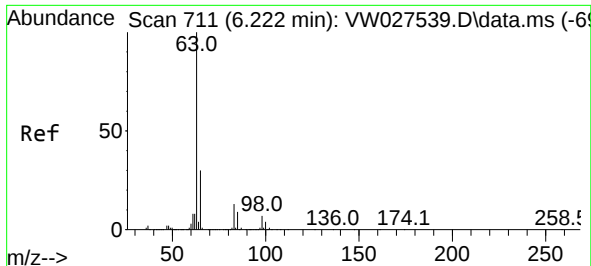
Tgt Ion: 96 Resp: 154151
Ion Ratio Lower Upper
96 100
61 150.5 105.3 195.6
98 62.9 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 24.230 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion: 73 Resp: 235576
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7
57 24.2 19.4 29.0





#19

1,1-Dichloroethane

Concen: 23.843 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

ClientSampleId :

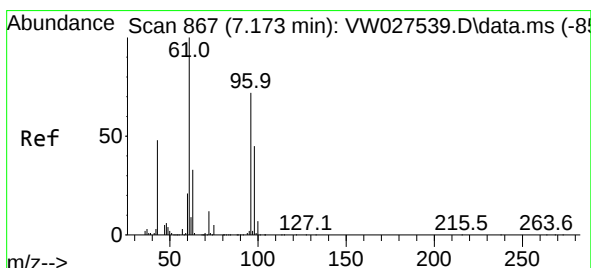
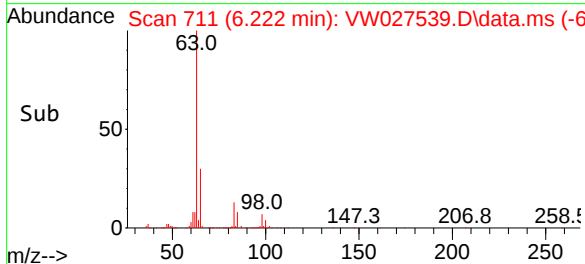
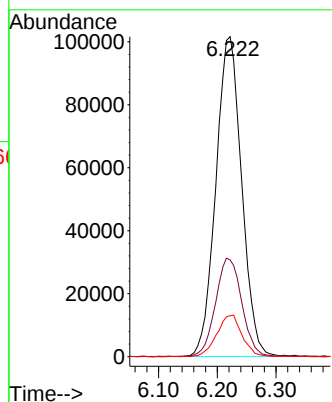
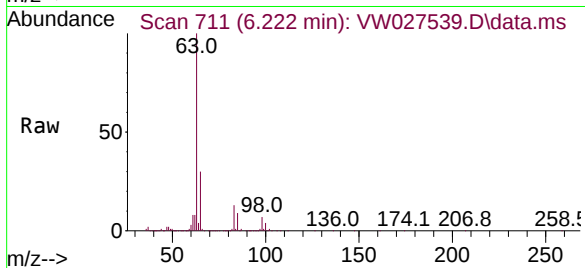
Tgt Ion: 63 Resp: 309334

Ion Ratio Lower Upper

63 100

65 30.2 21.1 39.3

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.940 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

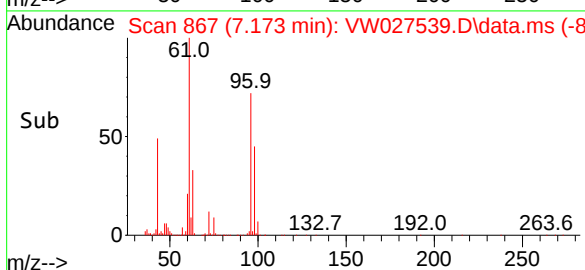
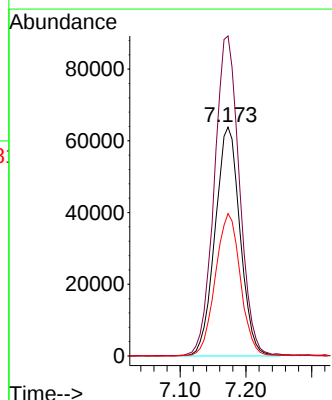
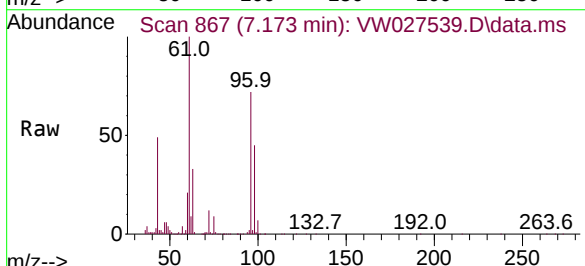
Tgt Ion: 96 Resp: 168639

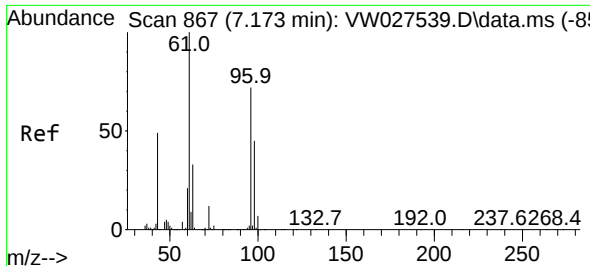
Ion Ratio Lower Upper

96 100

61 139.8 97.9 181.7

98 62.2 43.5 80.9

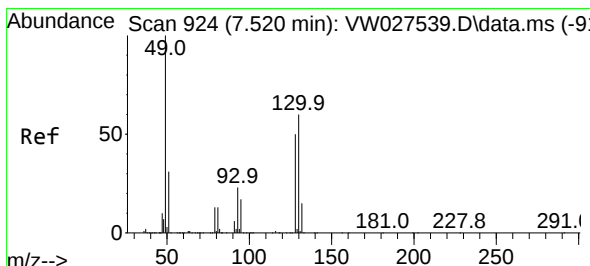
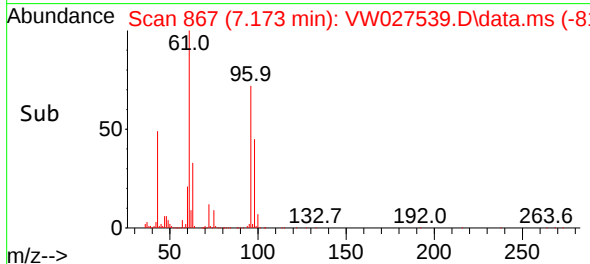
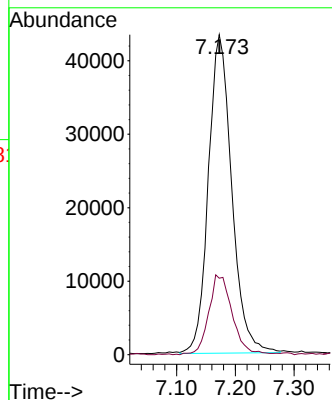
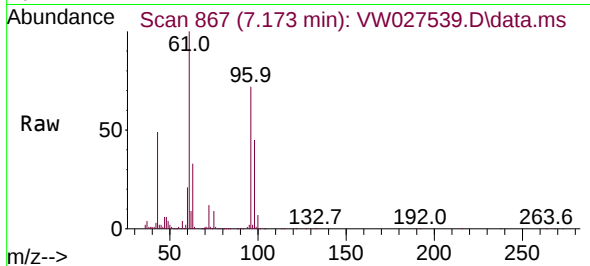




#22
2-Butanone
Concen: 48.762 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

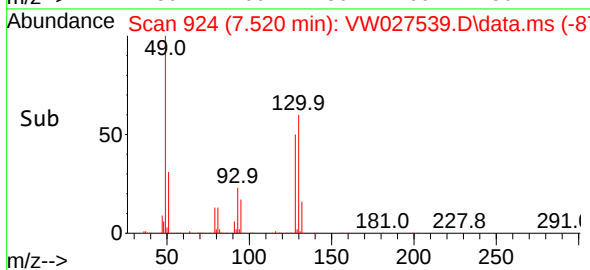
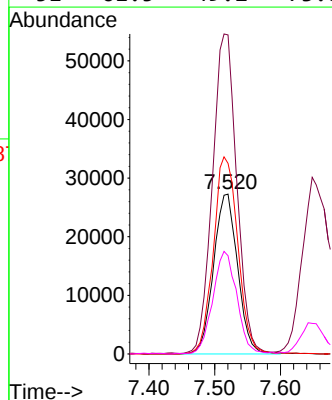
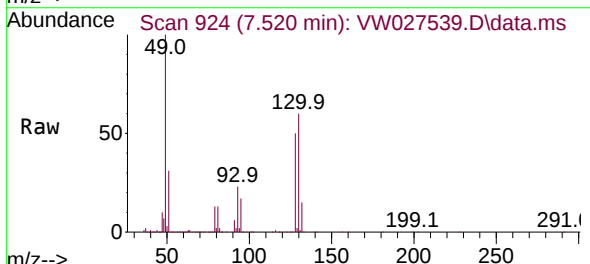
Instrument :
MSVOA_W
ClientSampleId :

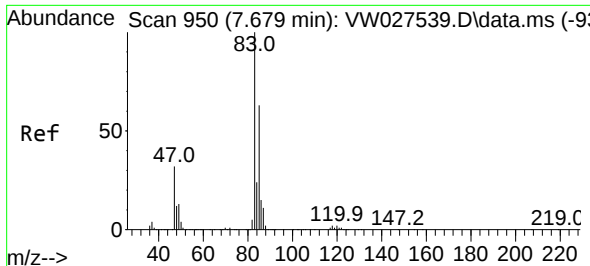
Tgt Ion: 43 Resp: 119790
Ion Ratio Lower Upper
43 100
72 24.6 12.3 36.9



#23
Bromochloromethane
Concen: 23.731 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion: 128 Resp: 69506
Ion Ratio Lower Upper
128 100
49 199.6 139.7 259.5
130 119.2 83.4 155.0
51 61.5 49.2 73.8

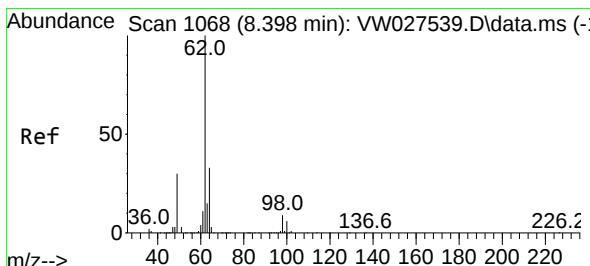
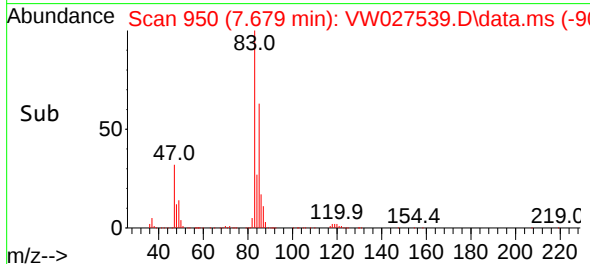
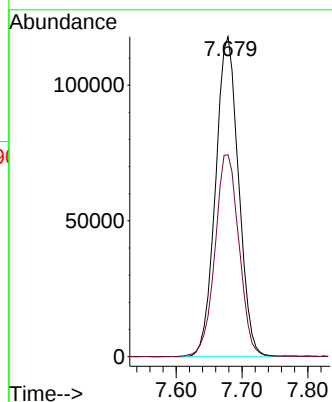
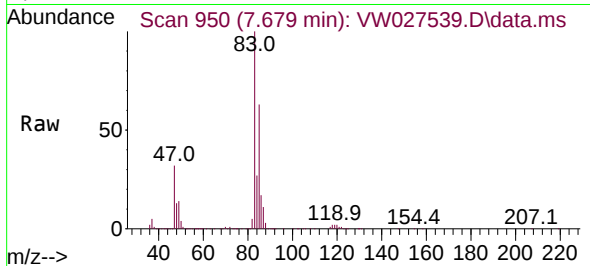




#25
Chloroform
Concen: 23.857 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

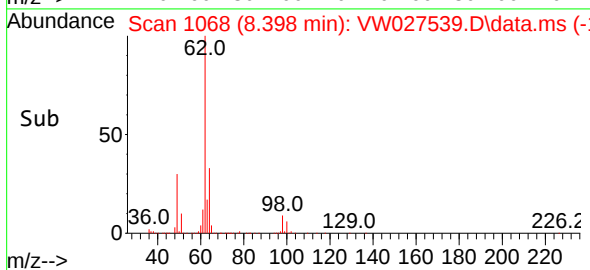
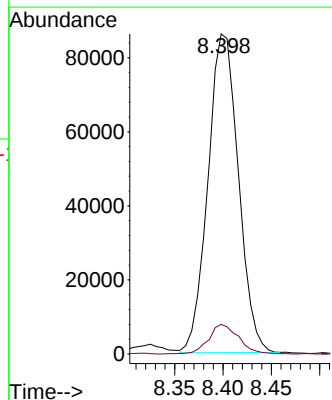
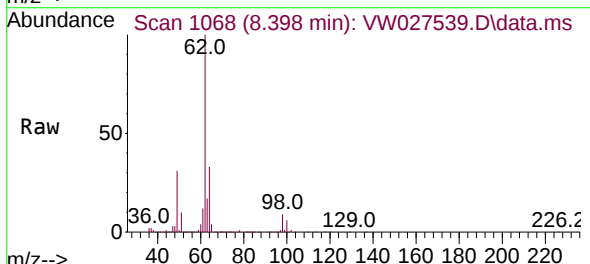
Instrument :
MSVOA_W
ClientSampleId :

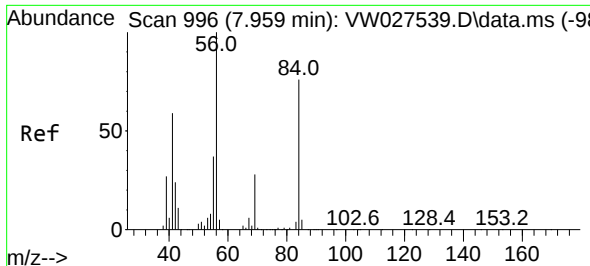
Tgt Ion: 83 Resp: 287359
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0



#27
1,2-Dichloroethane
Concen: 23.785 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion: 62 Resp: 188516
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 24.038 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

ClientSampleId :

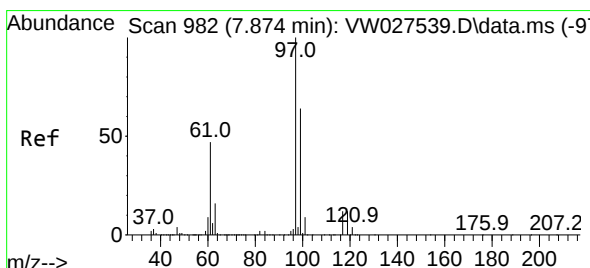
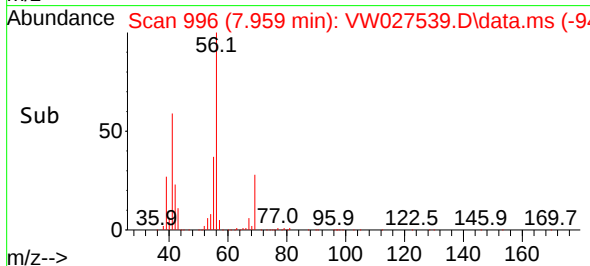
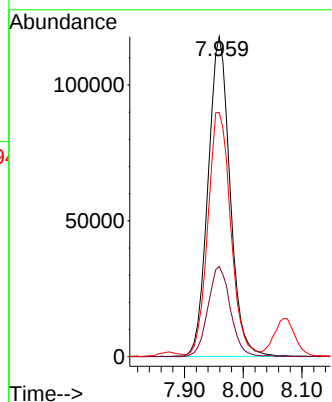
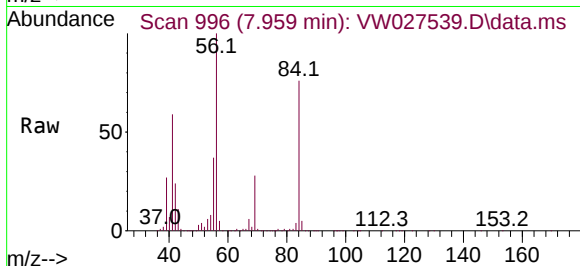
Tgt Ion: 56 Resp: 305835

Ion Ratio Lower Upper

56 100

69 28.8 23.0 34.6

84 79.5 63.6 95.4



#30

1,1,1-Trichloroethane

Concen: 23.967 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

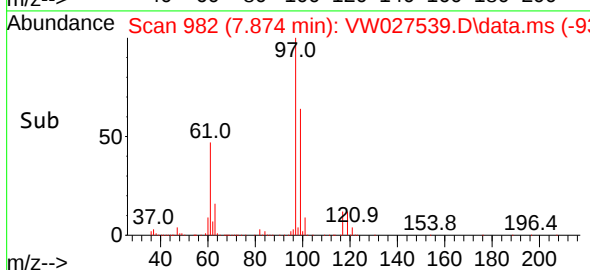
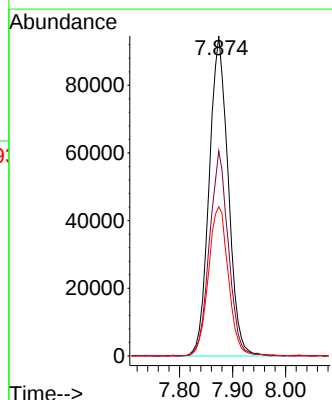
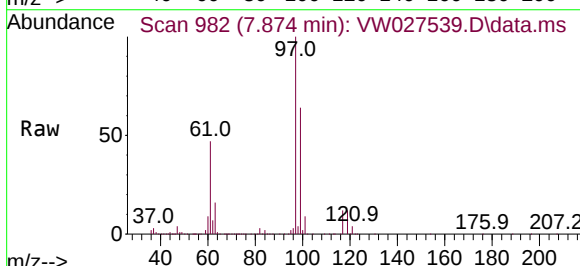
Tgt Ion: 97 Resp: 235599

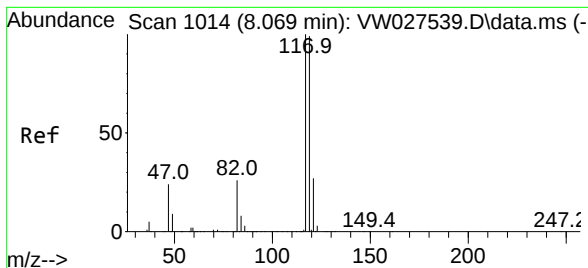
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 48.9 39.1 58.7





#31

Carbon tetrachloride

Concen: 24.040 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

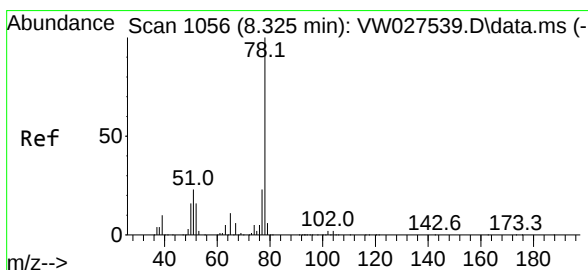
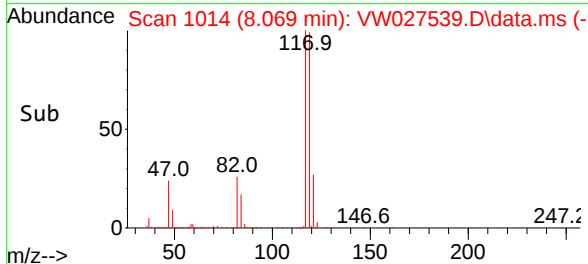
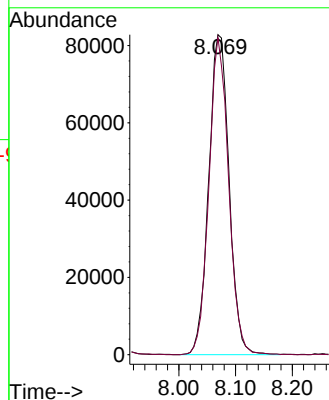
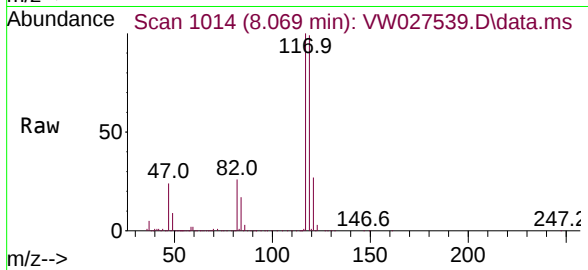
ClientSampleId :

Tgt Ion:117 Resp: 206852

Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7



#33

Benzene

Concen: 24.106 ug/L

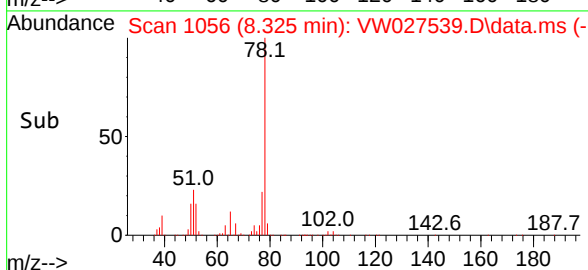
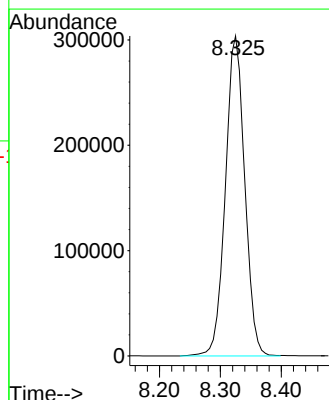
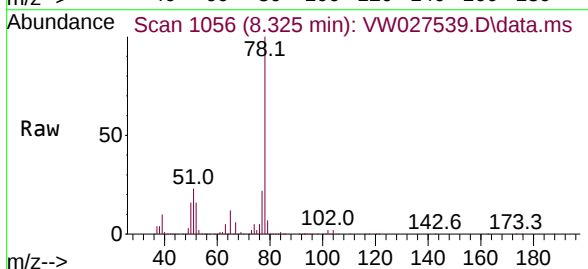
RT: 8.325 min Scan# 1056

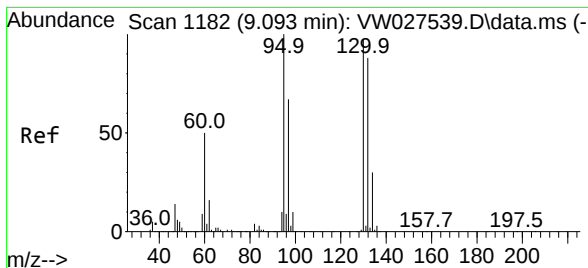
Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Tgt Ion: 78 Resp: 669004





#34

Trichloroethene

Concen: 23.899 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 171425

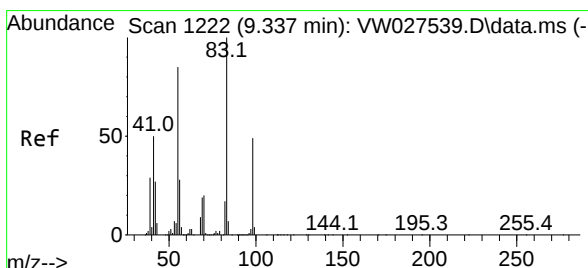
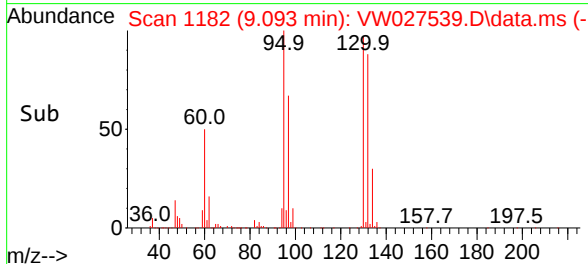
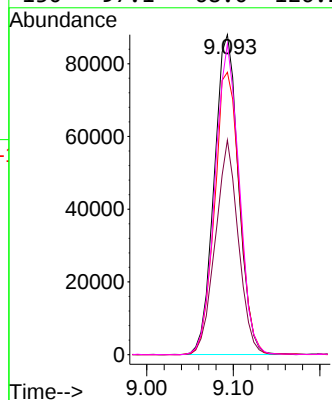
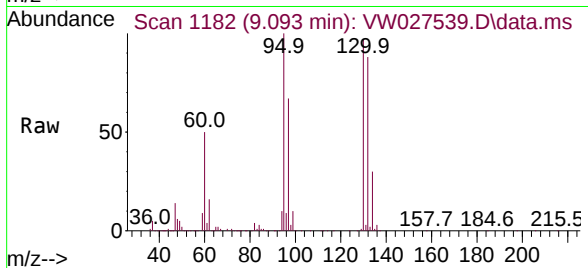
Ion Ratio Lower Upper

95 100

97 67.0 46.9 87.1

132 88.3 61.8 114.8

130 97.1 68.0 126.2



#35

Methylcyclohexane

Concen: 24.158 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

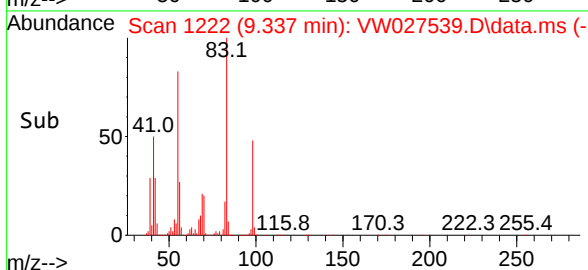
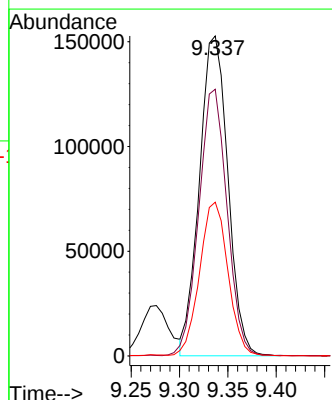
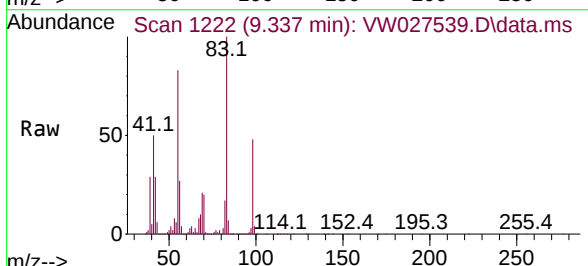
Tgt Ion: 83 Resp: 313876

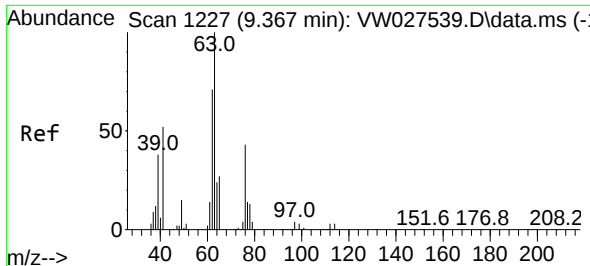
Ion Ratio Lower Upper

83 100

55 82.7 66.2 99.2

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.011 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

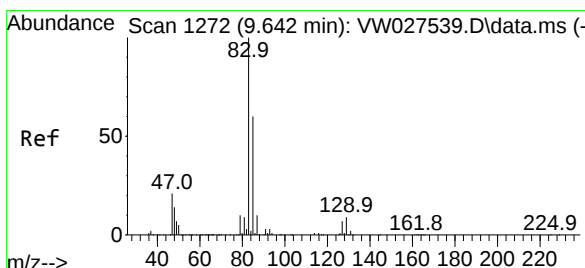
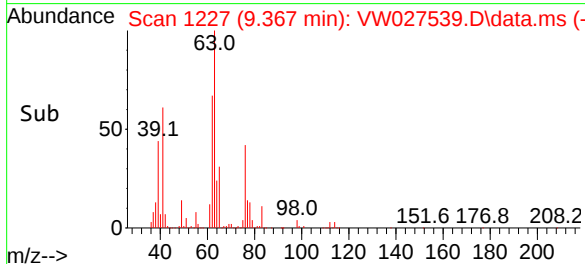
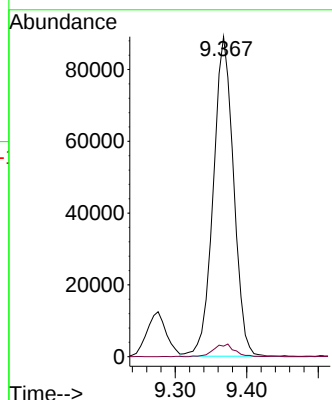
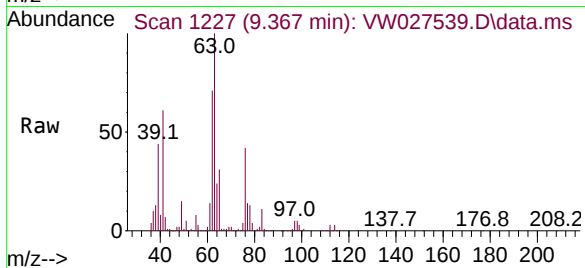
ClientSampleId :

Tgt Ion: 63 Resp: 175208

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 24.513 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

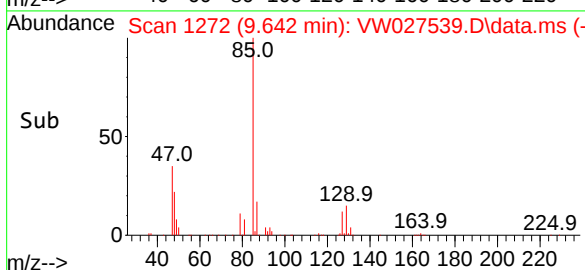
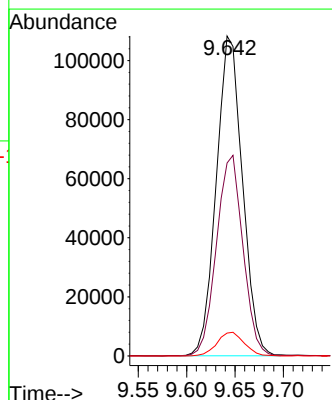
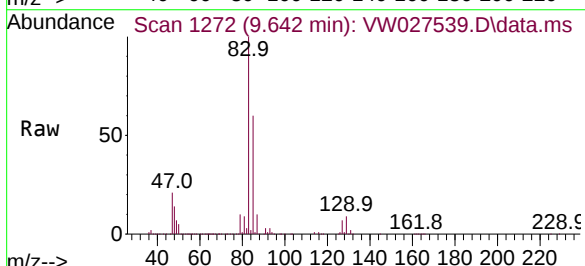
Tgt Ion: 83 Resp: 203458

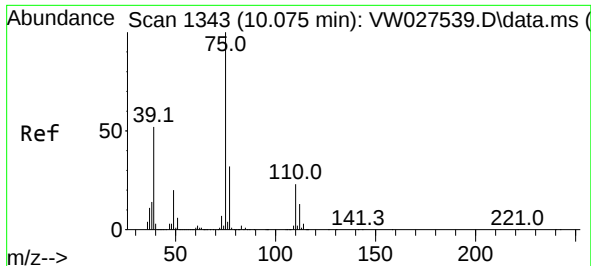
Ion Ratio Lower Upper

83 100

85 60.3 42.2 78.4

127 7.1 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 24.589 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

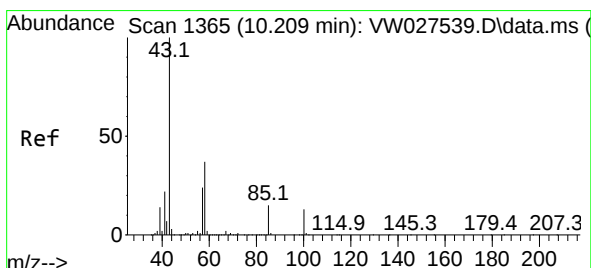
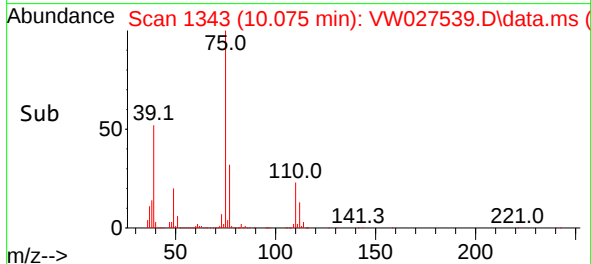
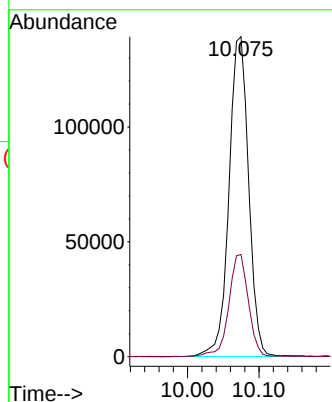
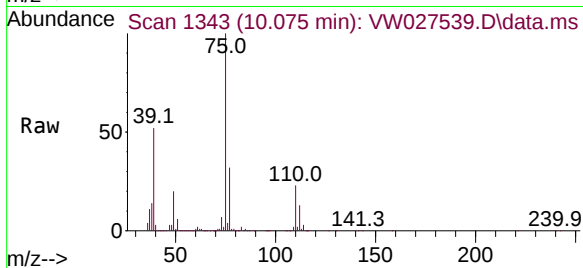
ClientSampleId :

Tgt Ion: 75 Resp: 265268

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 49.826 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

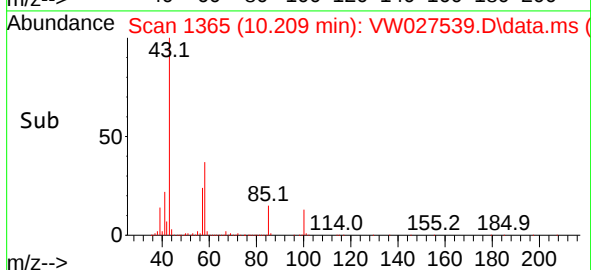
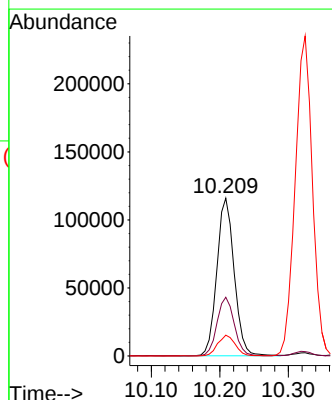
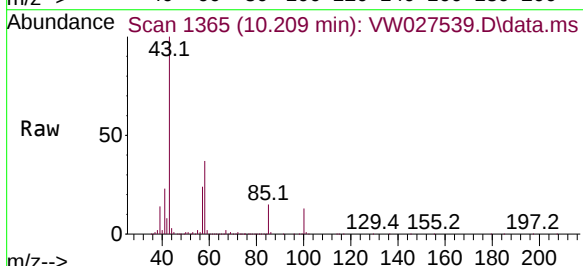
Tgt Ion: 43 Resp: 203018

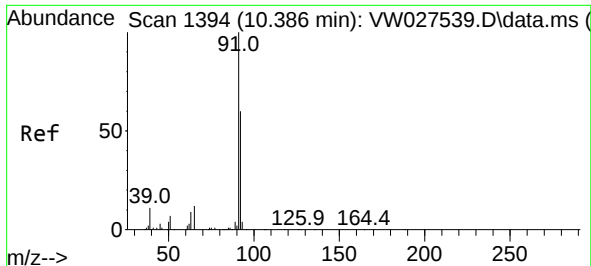
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 13.4 10.7 16.1

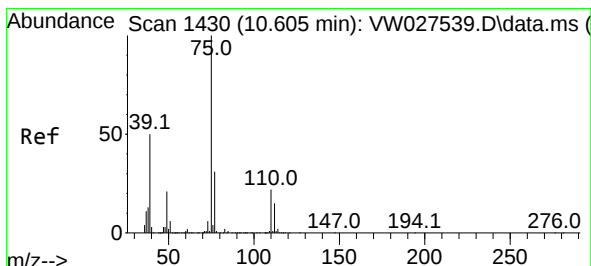
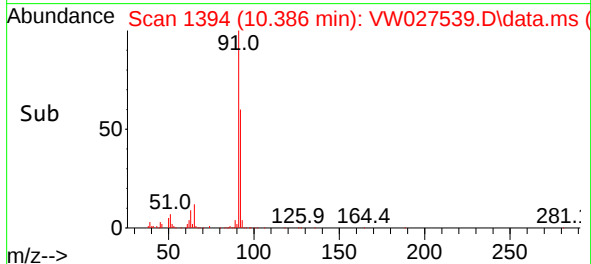
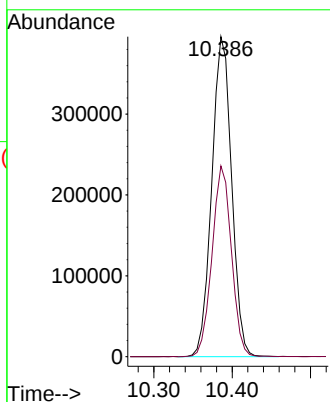
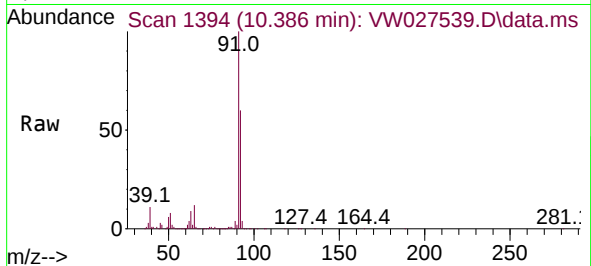




#42
Toluene
Concen: 24.163 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

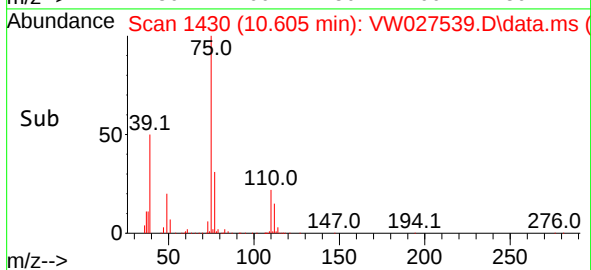
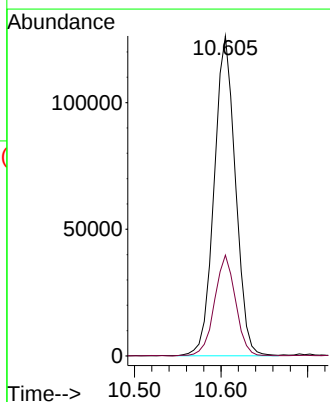
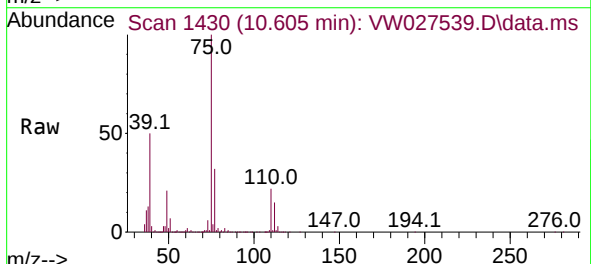
Instrument :
MSVOA_W
ClientSampleId :

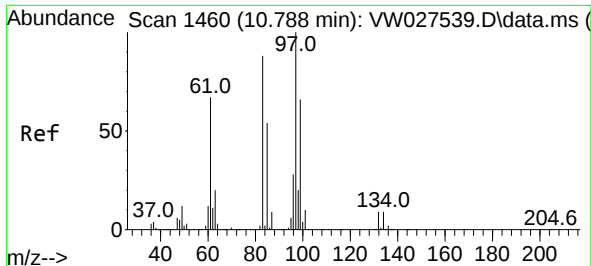
Tgt Ion: 91 Resp: 695712
Ion Ratio Lower Upper
91 100
92 59.6 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.850 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion: 75 Resp: 215423
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0

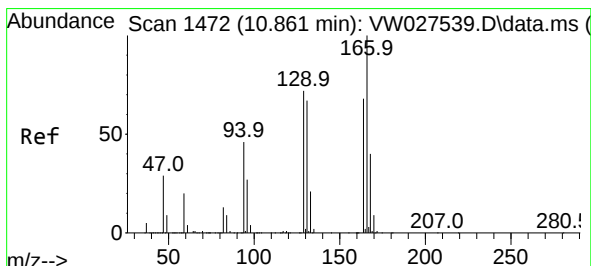
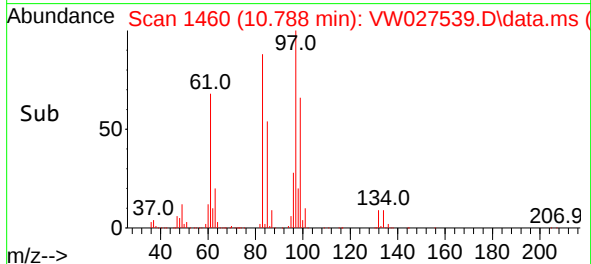
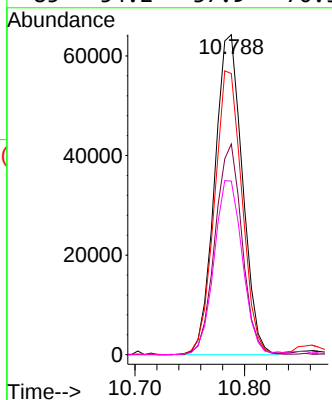
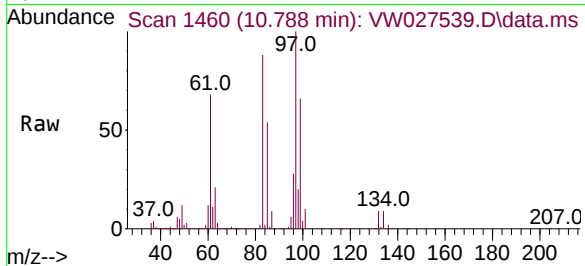




#45
1,1,2-Trichloroethane
Concen: 23.932 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

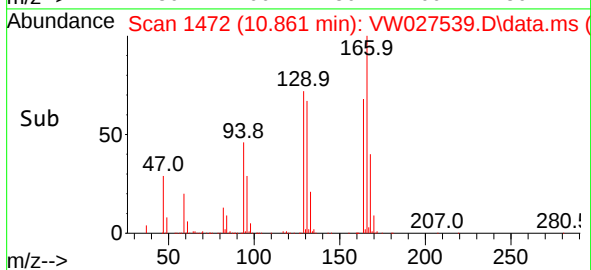
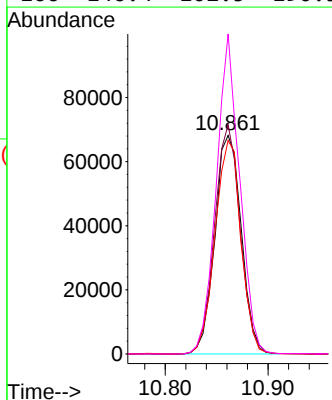
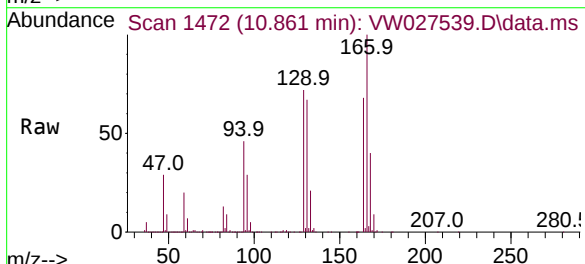
Instrument :
MSVOA_W
ClientSampleId :

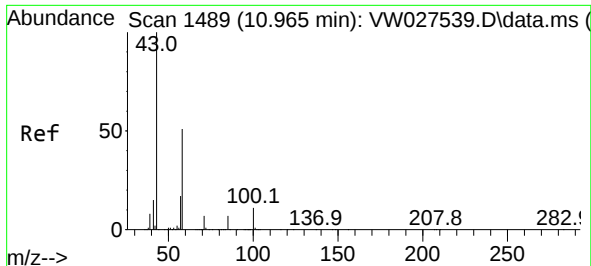
Tgt Ion:	97	Resp:	113541
Ion	Ratio	Lower	Upper
97	100		
99	65.8	46.1	85.5
83	87.9	61.5	114.3
85	54.2	37.9	70.5



#46
Tetrachloroethene
Concen: 23.626 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion:	164	Resp:	121618
Ion	Ratio	Lower	Upper
164	100		
129	104.8	73.4	136.2
131	97.7	68.4	127.0
166	146.4	102.5	190.3





#48

2-Hexanone

Concen: 53.816 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

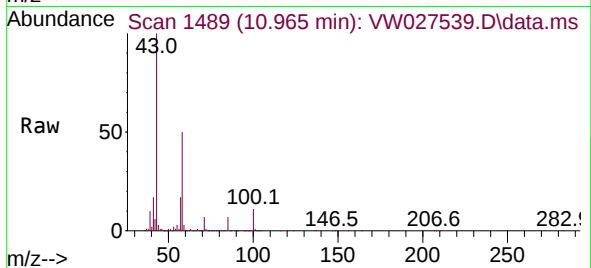
Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 174489

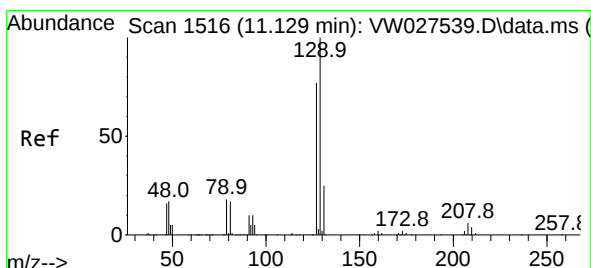
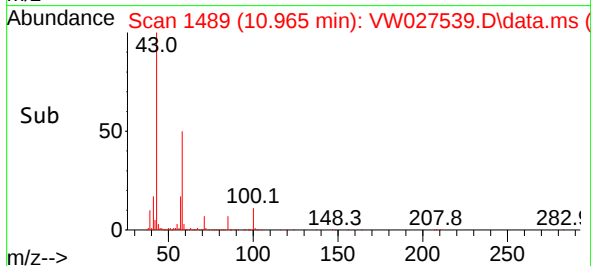
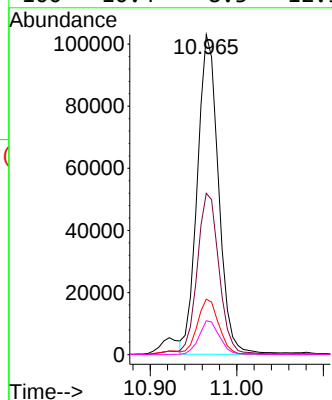
Ion Ratio Lower Upper

43 100

58 52.1 41.7 62.5

57 17.7 14.2 21.2

100 10.4 8.3 12.5



#49

Dibromochloromethane

Concen: 24.302 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027539.D

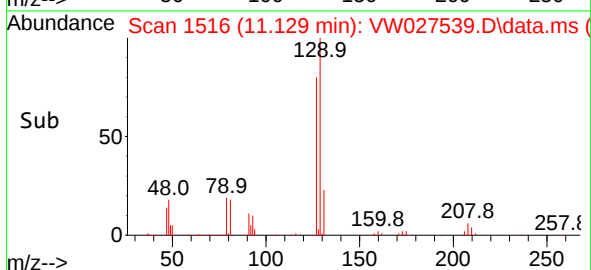
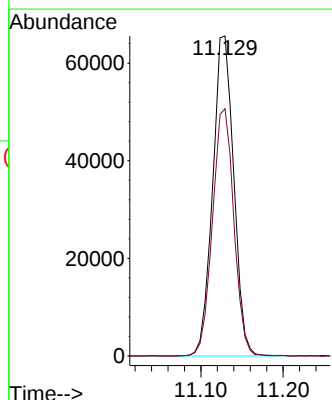
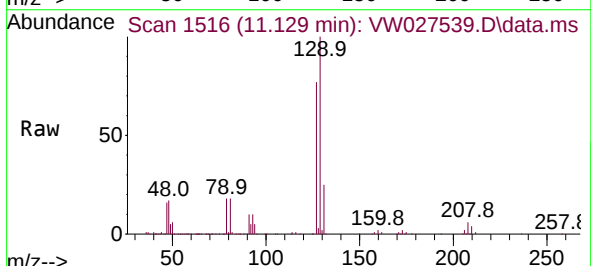
Acq: 06 Nov 2023 09:44

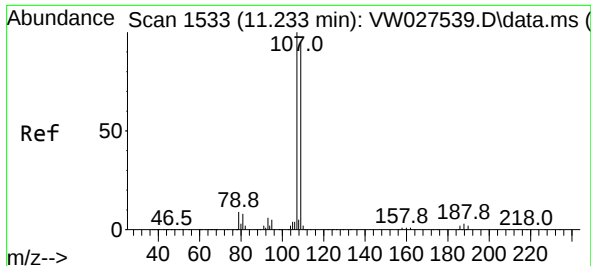
Tgt Ion: 129 Resp: 116573

Ion Ratio Lower Upper

129 100

127 77.3 54.1 100.5





#50

1,2-Dibromoethane

Concen: 24.101 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

ClientSampleId :

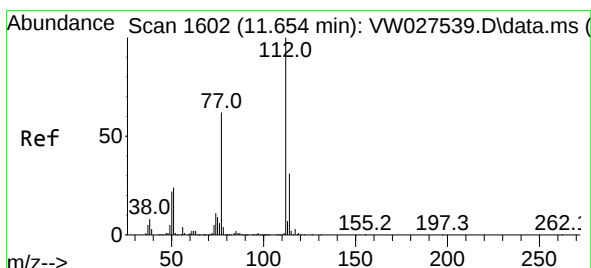
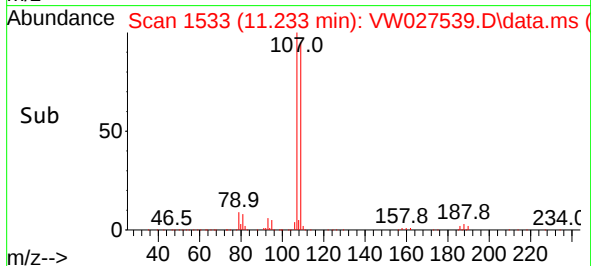
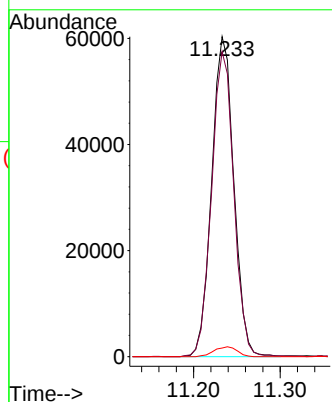
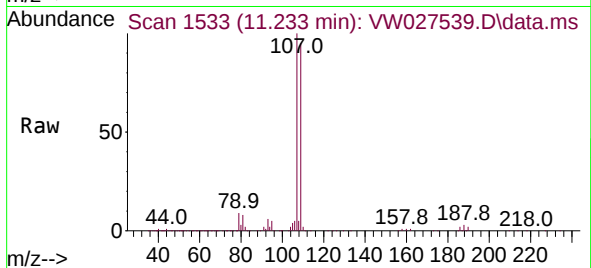
Tgt Ion:107 Resp: 107157

Ion Ratio Lower Upper

107 100

109 95.3 66.7 123.9

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 23.811 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

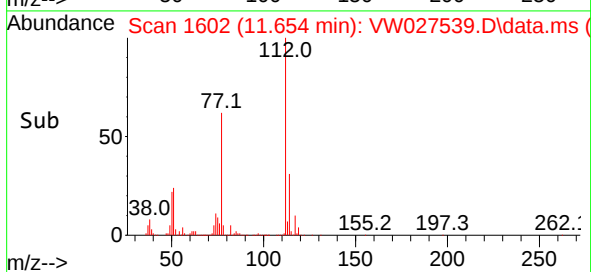
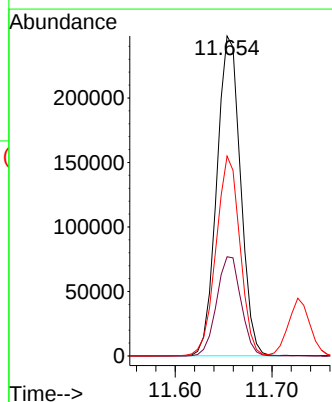
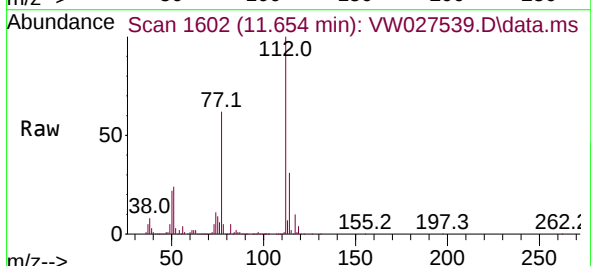
Tgt Ion:112 Resp: 421950

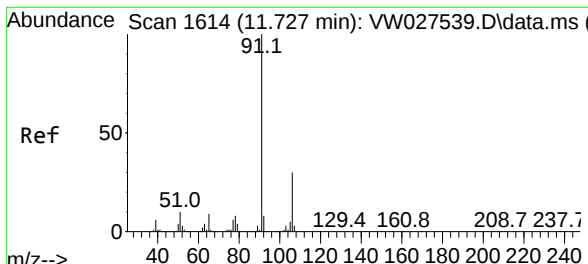
Ion Ratio Lower Upper

112 100

114 31.0 21.7 40.3

77 62.4 49.9 74.9

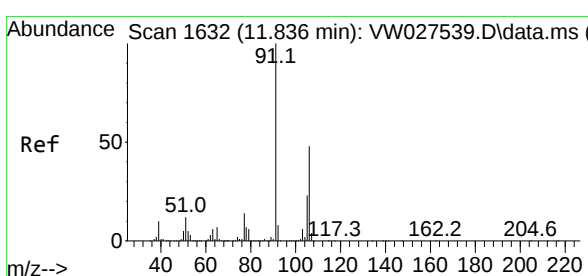
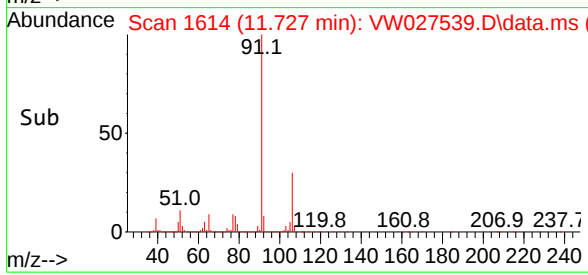
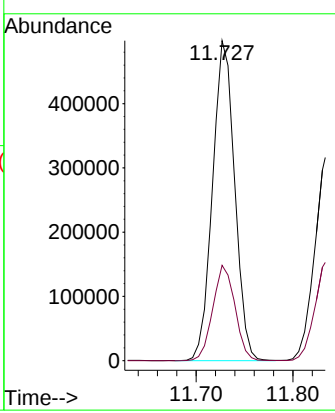
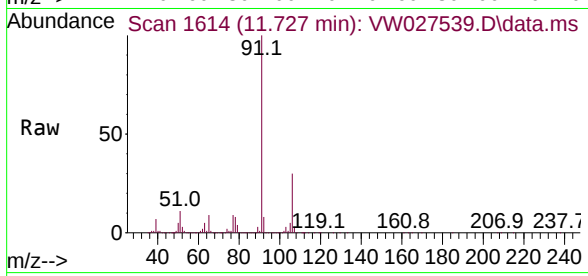




#52
Ethylbenzene
Concen: 24.116 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

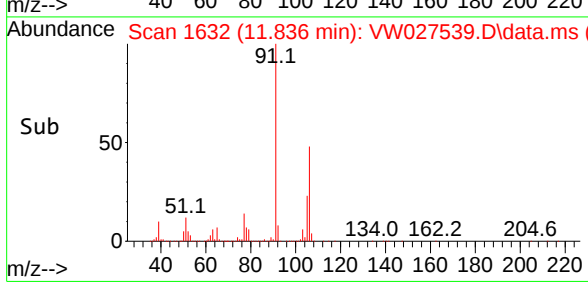
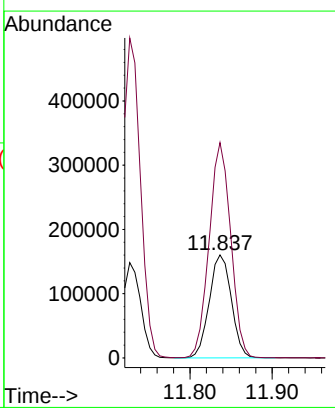
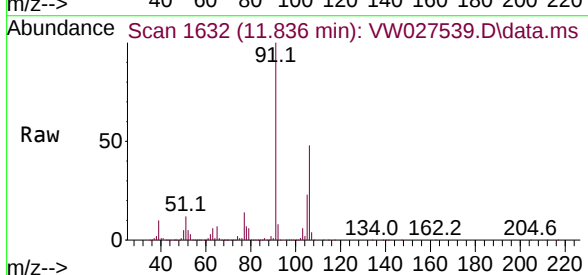
Instrument :
MSVOA_W
ClientSampleId :

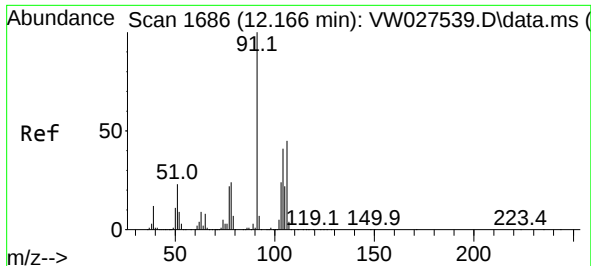
Tgt Ion: 91 Resp: 791882
Ion Ratio Lower Upper
91 100
106 29.8 20.9 38.7



#53
m,p-Xylene
Concen: 24.687 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion:106 Resp: 298908
Ion Ratio Lower Upper
106 100
91 209.0 146.3 271.7

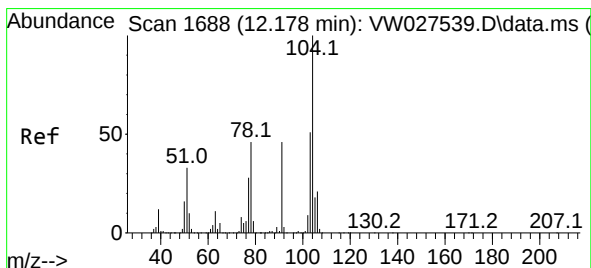
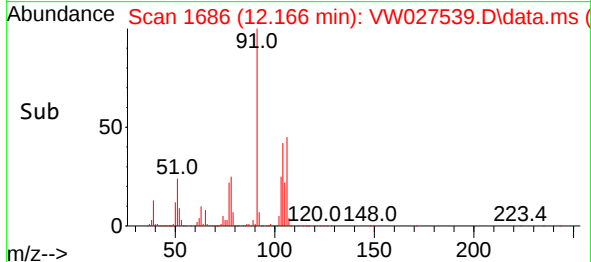
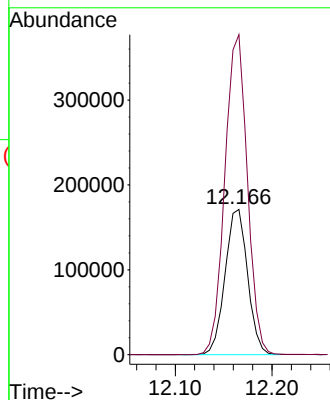
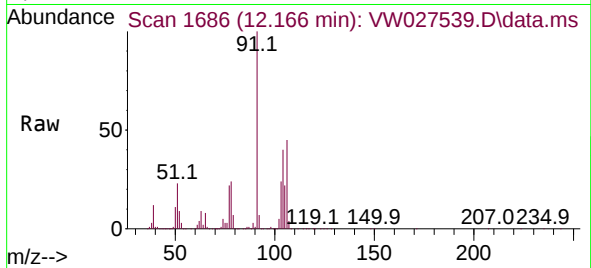




#54
o-Xylene
Concen: 24.199 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

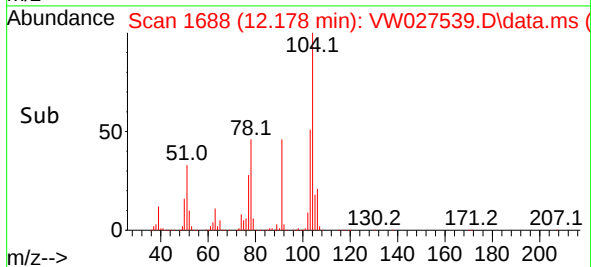
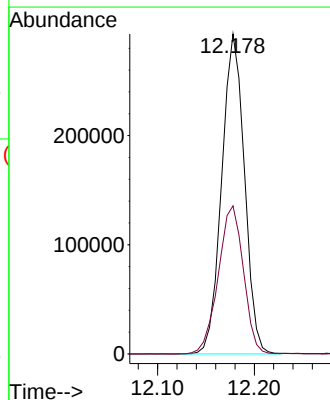
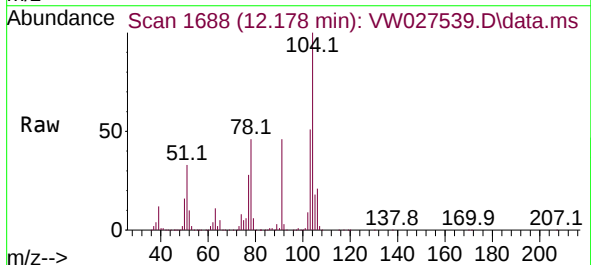
Instrument :
MSVOA_W
ClientSampleId :

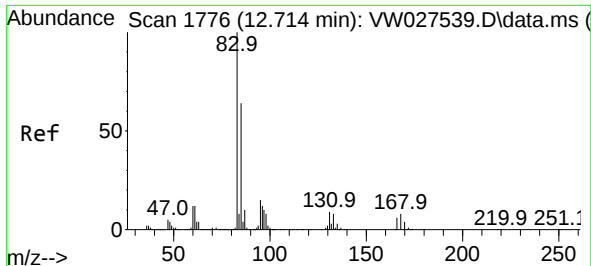
Tgt Ion:106 Resp: 277404
Ion Ratio Lower Upper
106 100
91 220.2 154.1 286.3



#55
Styrene
Concen: 24.577 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion:104 Resp: 477421
Ion Ratio Lower Upper
104 100
78 46.3 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.648 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

ClientSampleId :

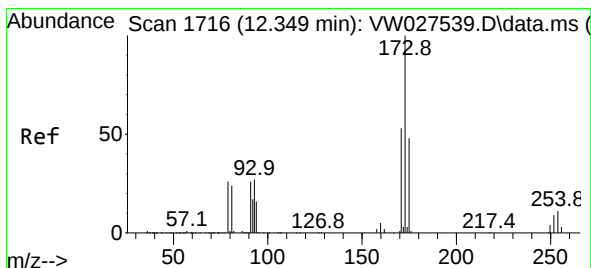
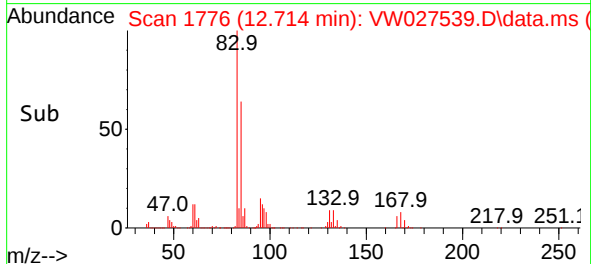
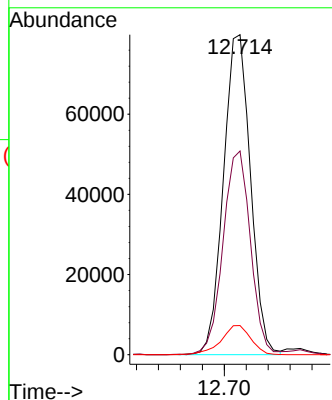
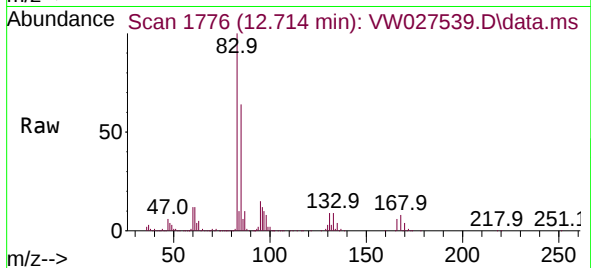
Tgt Ion: 83 Resp: 136997

Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

131 9.1 7.3 10.9



#59

Bromoform

Concen: 23.643 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

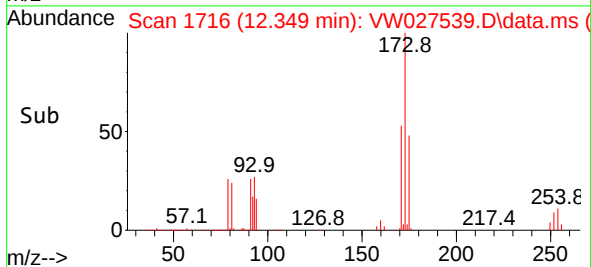
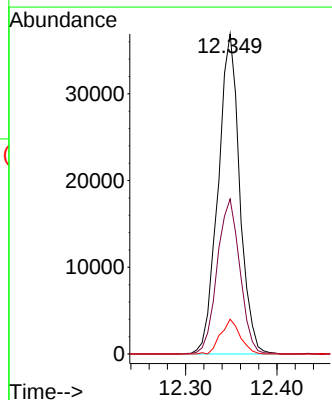
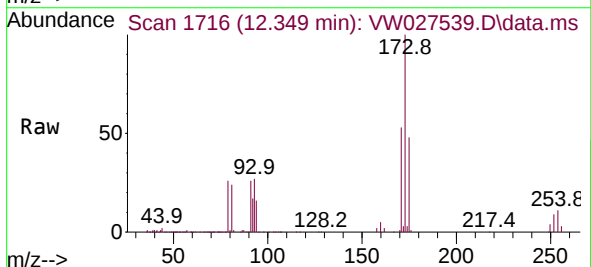
Tgt Ion: 173 Resp: 60662

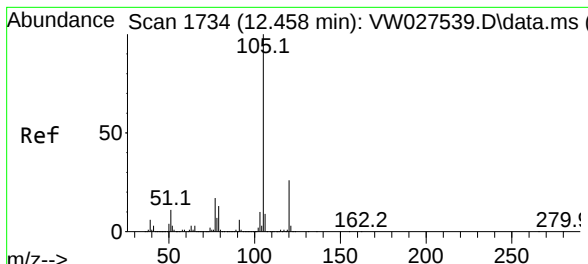
Ion Ratio Lower Upper

173 100

175 50.8 40.6 61.0

254 9.7 7.8 11.6

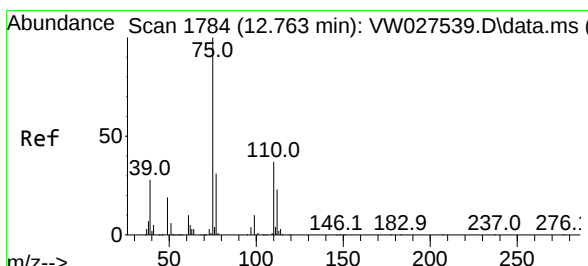
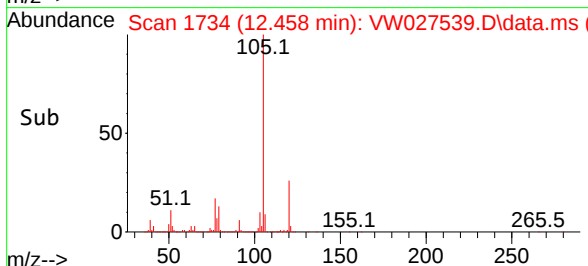
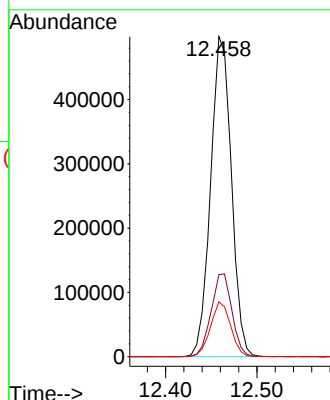
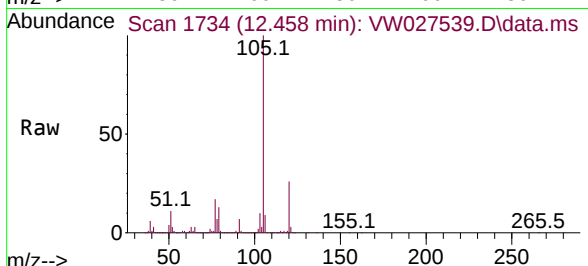




#60
Isopropylbenzene
Concen: 24.115 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

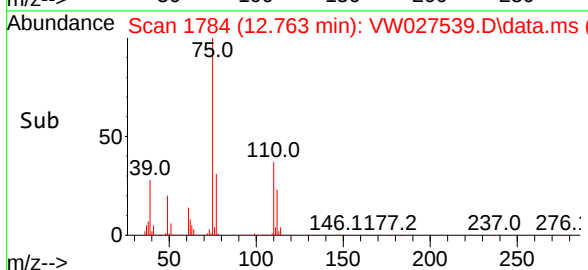
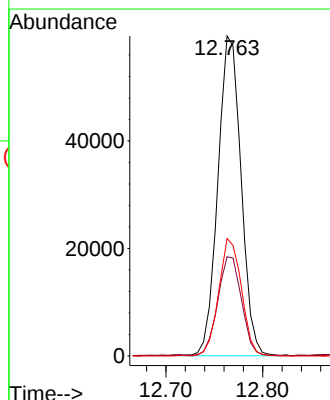
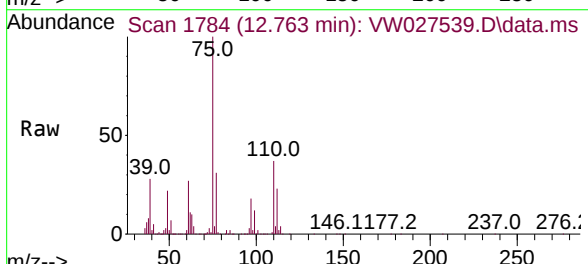
Instrument :
MSVOA_W
ClientSampleId :

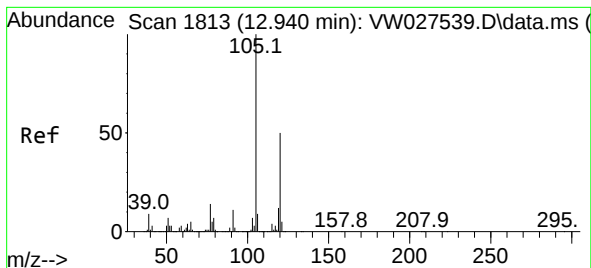
Tgt Ion:	105	Resp:	785139
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.8	31.2
77	16.6	13.3	19.9



#61
1,2,3-Trichloropropane
Concen: 24.181 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion:	75	Resp:	99158
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
110	36.0	28.8	43.2





#62

1,3,5-Trimethylbenzene

Concen: 24.207 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

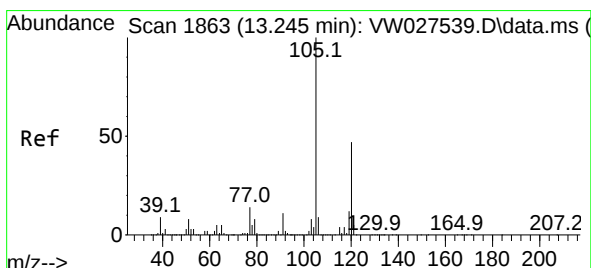
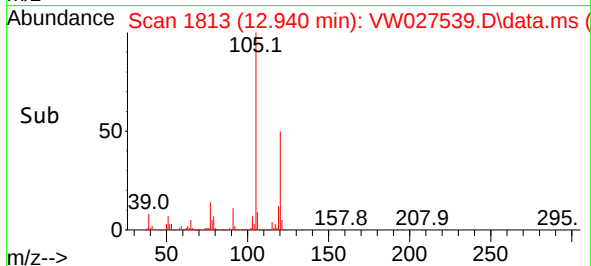
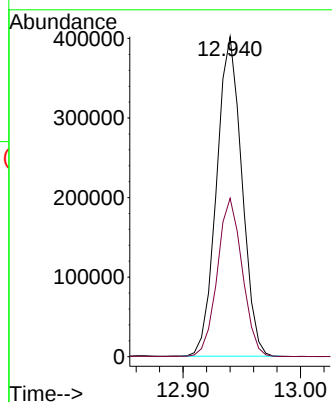
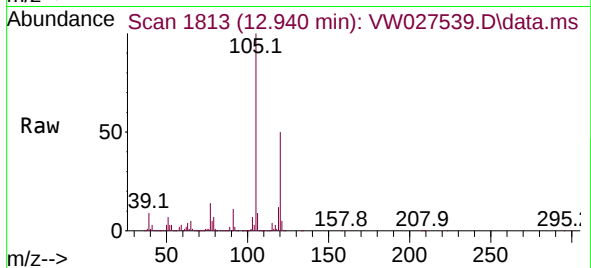
ClientSampleId :

Tgt Ion:105 Resp: 600898

Ion Ratio Lower Upper

105 100

120 48.9 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 23.909 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027539.D

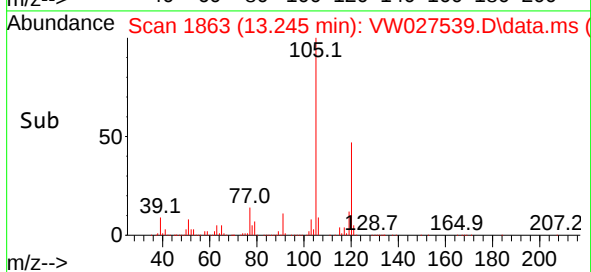
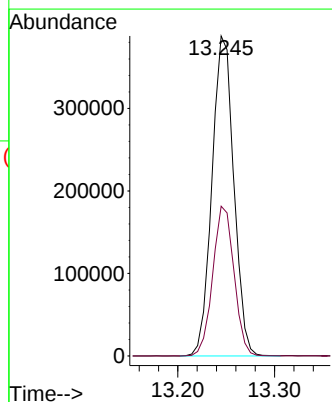
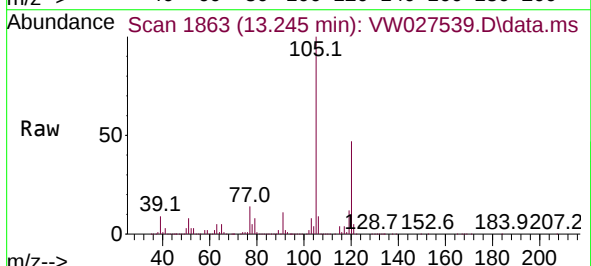
Acq: 06 Nov 2023 09:44

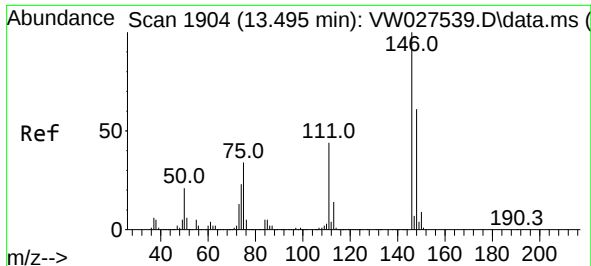
Tgt Ion:105 Resp: 607388

Ion Ratio Lower Upper

105 100

120 45.7 36.6 54.8

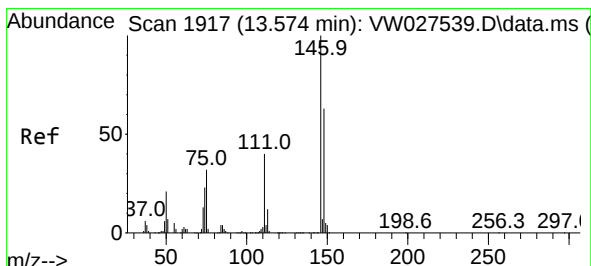
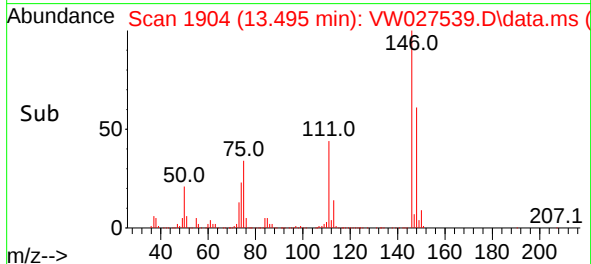
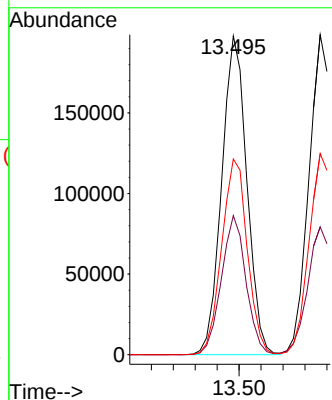
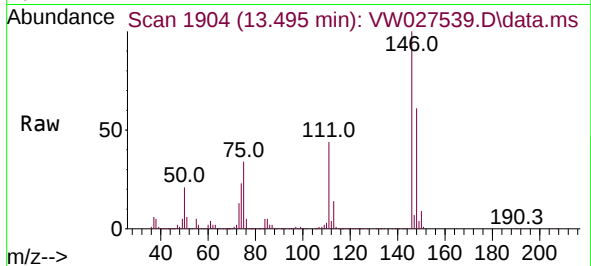




#64
1,3-Dichlorobenzene
Concen: 23.778 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

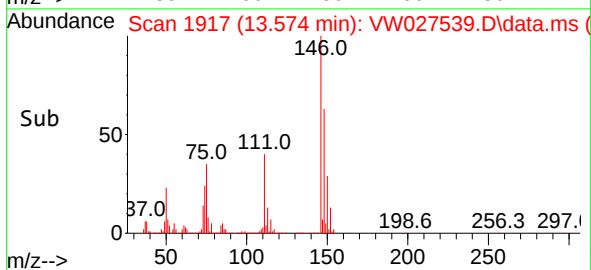
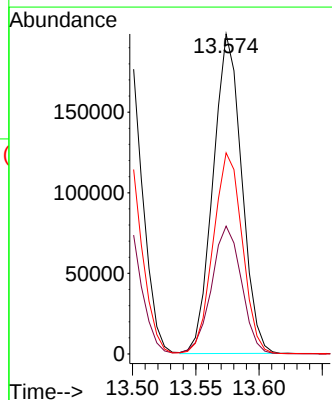
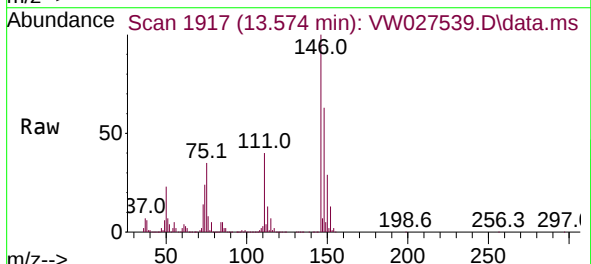
Instrument :
MSVOA_W
ClientSampleId :

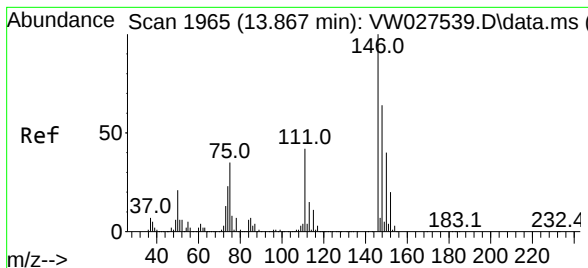
Tgt Ion:146 Resp: 314584
Ion Ratio Lower Upper
146 100
111 43.6 30.5 56.7
148 61.4 43.0 79.8



#65
1,4-Dichlorobenzene
Concen: 23.509 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion:146 Resp: 311591
Ion Ratio Lower Upper
146 100
111 39.9 27.9 51.9
148 62.9 44.0 81.8

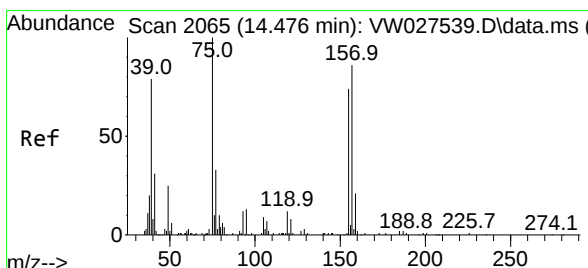
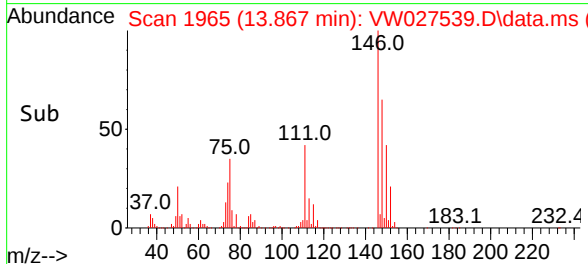
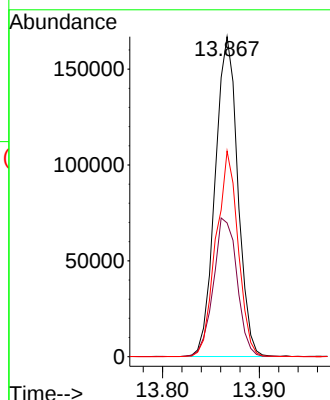
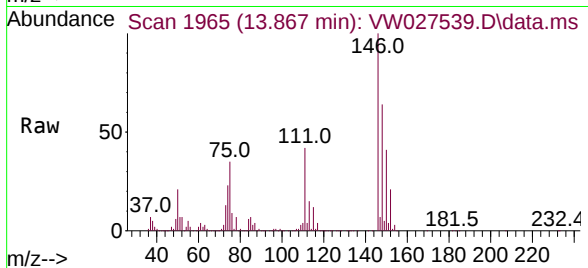




#67
1,2-Dichlorobenzene
Concen: 23.460 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

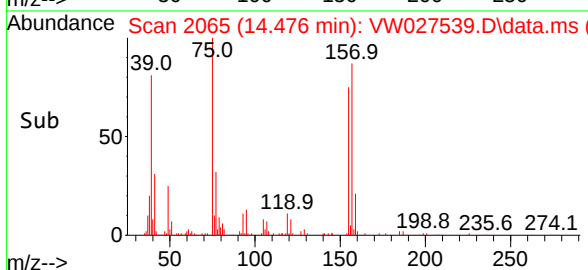
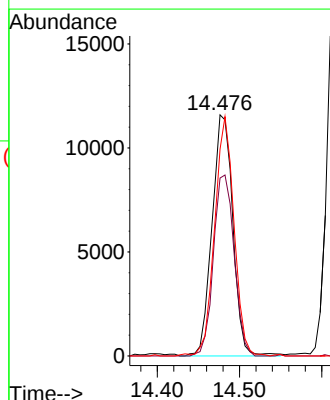
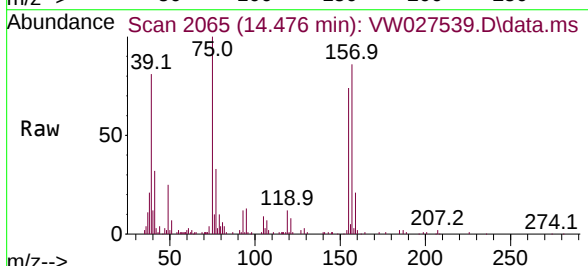
Instrument :
MSVOA_W
ClientSampleId :

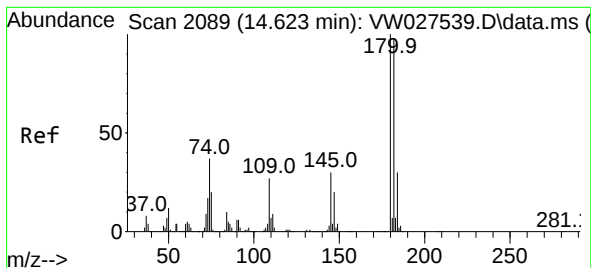
Tgt Ion:146 Resp: 270841
Ion Ratio Lower Upper
146 100
111 41.8 33.4 50.2
148 64.3 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 22.218 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027539.D
Acq: 06 Nov 2023 09:44

Tgt Ion: 75 Resp: 20336
Ion Ratio Lower Upper
75 100
155 73.8 59.0 88.6
157 85.7 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 23.656 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 200762

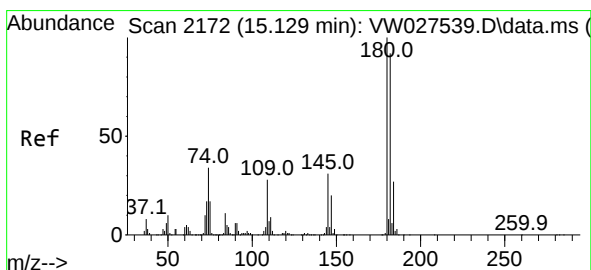
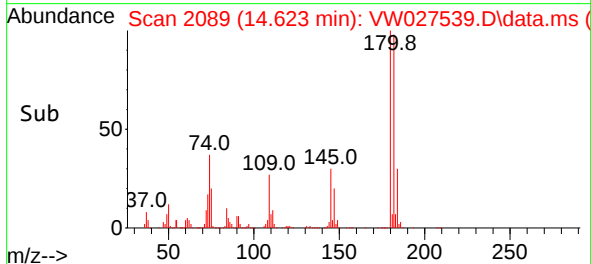
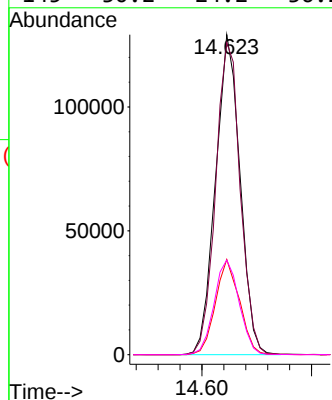
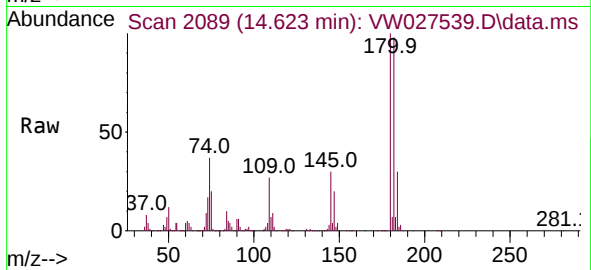
Ion Ratio Lower Upper

180 100

182 98.0 78.4 117.6

184 29.2 23.4 35.0

145 30.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 24.182 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

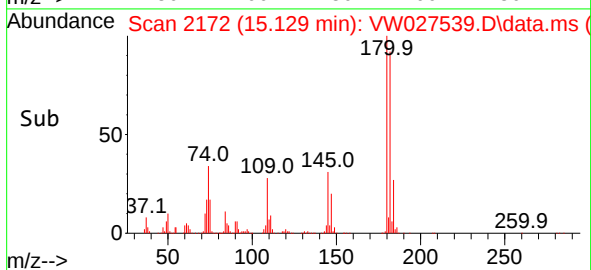
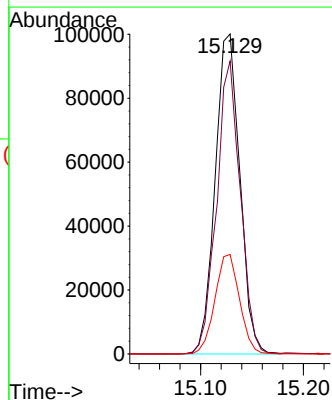
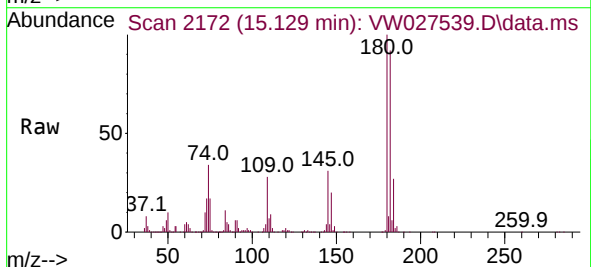
Tgt Ion:180 Resp: 166752

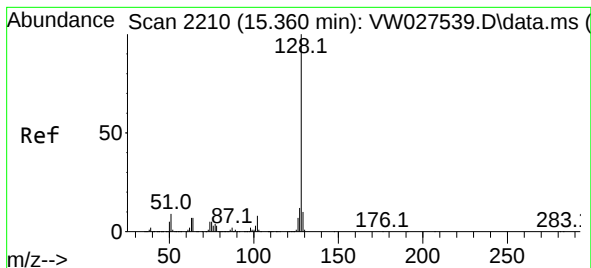
Ion Ratio Lower Upper

180 100

182 87.9 70.3 105.5

145 31.0 24.8 37.2





#71

Naphthalene

Concen: 24.448 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Instrument :

MSVOA_W

ClientSampleId :

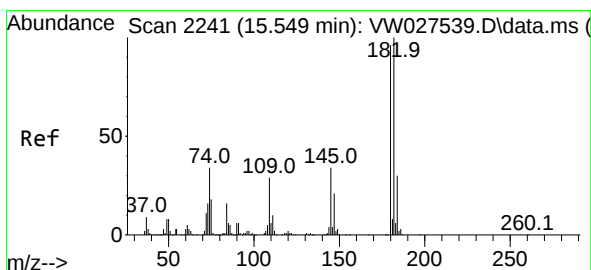
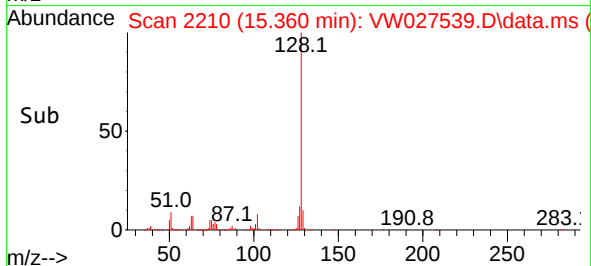
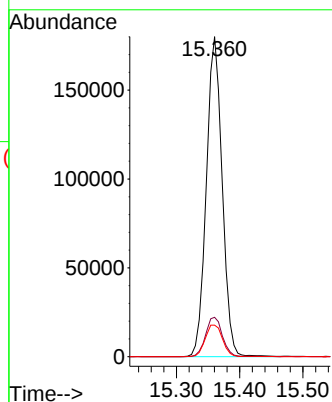
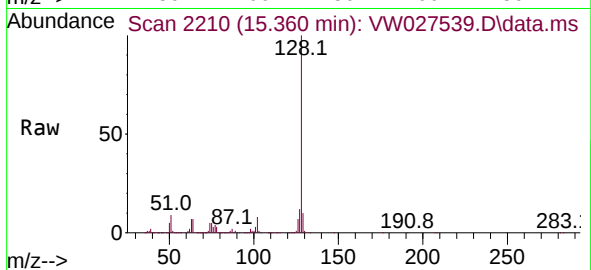
Tgt Ion:128 Resp: 313919

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 23.517 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027539.D

Acq: 06 Nov 2023 09:44

Tgt Ion:180 Resp: 134868

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 34.4 27.5 41.3

