

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027538.D
 Acq On : 06 Nov 2023 09:20
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:25:25 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	448473	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	397568	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	183179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	40396	4.975	ug/L	0.00
7) Chloroethane-d5	2.899	69	26235	4.688	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	16398	4.634	ug/L	0.00
21) 2-Butanone-d5	6.935	46	157	0.089	ug/L	-0.15
24) Chloroform-d	7.654	84	61011	4.663	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	31194	4.692	ug/L	0.00
32) Benzene-d6	8.276	84	128580	4.837	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	39082	4.760	ug/L	0.00
41) Toluene-d8	10.318	98	113918	4.790	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	14050	4.467	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	10664	8.533	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	25619	4.642	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	31381	4.507	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	24637	4.985	ug/L	98
3) Chloromethane	2.222	50	30472	4.599	ug/L	98
5) Vinyl chloride	2.375	62	37047	4.928	ug/L	99
6) Bromomethane	2.789	94	20535	4.952	ug/L	98
8) Chloroethane	2.936	64	21232	4.939	ug/L	100
9) Trichlorofluoromethane	3.271	101	27156	4.773	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	25408	4.469	ug/L	90
12) 1,1-Dichloroethene	4.045	96	29719	5.022	ug/L	91
13) Acetone	4.130	43	16570	8.920	ug/L	98
14) Carbon disulfide	4.387	76	102967	5.058	ug/L	100
15) Methyl Acetate	4.429	43	428	0.156	ug/L	93
16) Methylene chloride	4.923	84	40131	5.483	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	31554	5.034	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	48105	5.144	ug/L #	95
19) 1,1-Dichloroethane	6.215	63	62431	5.003	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	33566	4.954	ug/L	89
22) 2-Butanone	7.173	43	20408	8.637	ug/L	90
23) Bromochloromethane	7.520	128	14611	5.187	ug/L	88
25) Chloroform	7.679	83	59335	5.122	ug/L	93
27) 1,2-Dichloroethane	8.398	62	38393	5.036	ug/L	99
29) Cyclohexane	7.959	56	61014	5.066	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	47039	5.055	ug/L	98
31) Carbon tetrachloride	8.075	117	40434	4.965	ug/L	99
33) Benzene	8.325	78	134378	5.115	ug/L	100
34) Trichloroethene	9.093	95	35214	5.186	ug/L	97
35) Methylcyclohexane	9.337	83	62516	5.083	ug/L	100
37) 1,2-Dichloropropane	9.367	63	36033	5.217	ug/L #	97
38) Bromodichloromethane	9.648	83	39387	5.013	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	49551	4.852	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	38296	9.929	ug/L	97
42) Toluene	10.385	91	140829	5.167	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	39165	4.773	ug/L	95

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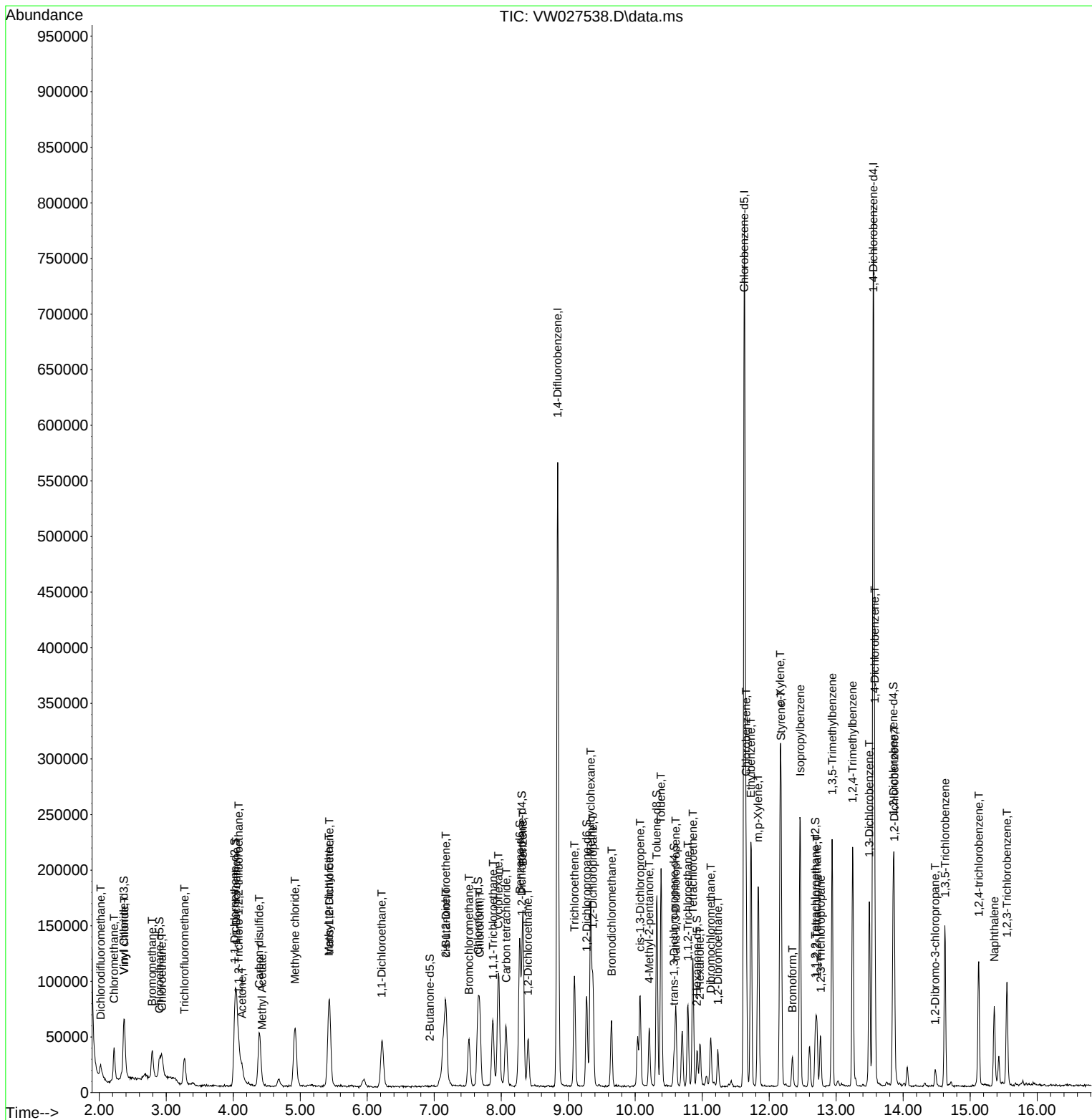
Quant Time: Nov 07 00:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
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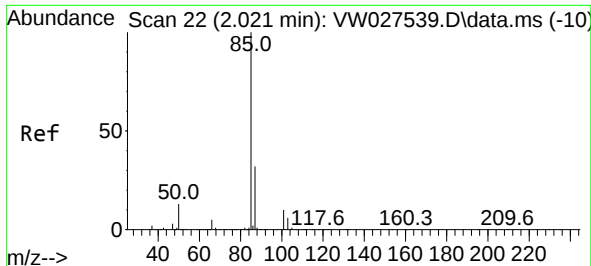
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	23481	5.229	ug/L	96
46) Tetrachloroethene	10.861	164	24717	5.073	ug/L	93
48) 2-Hexanone	10.965	43	26668	8.689	ug/L	98
49) Dibromochloromethane	11.129	129	22617	4.981	ug/L	90
50) 1,2-Dibromoethane	11.233	107	20922	4.971	ug/L #	98
51) Chlorobenzene	11.654	112	86666	5.167	ug/L	98
52) Ethylbenzene	11.727	91	157758	5.075	ug/L	99
53) m,p-Xylene	11.836	106	57053	4.978	ug/L	98
54) o-Xylene	12.166	106	54885	5.058	ug/L	92
55) Styrene	12.178	104	91578	4.980	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	26204	4.981	ug/L	98
59) Bromoform	12.349	173	11469	4.851	ug/L #	96
60) Isopropylbenzene	12.464	105	150995	5.033	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	19312	5.111	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	112780	4.930	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	115678	4.941	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	62890	5.158	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	62241	5.096	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	55823	5.247	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	4101	4.862	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	42001	5.371	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	33287	5.239	ug/L	96
71) Naphthalene	15.360	128	57649	4.872	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	27766	5.254	ug/L	99

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

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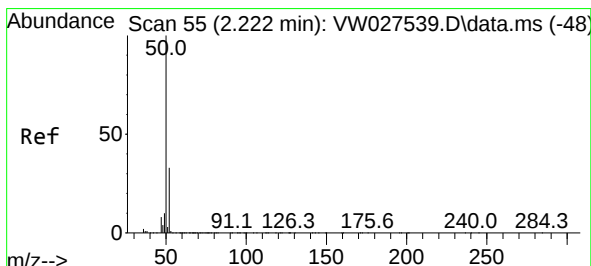
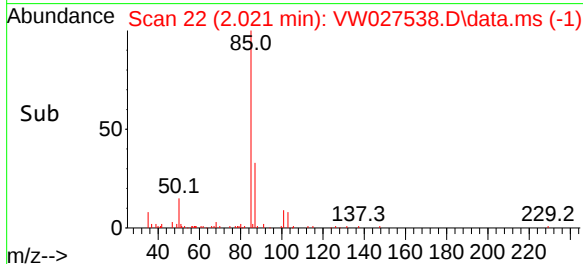
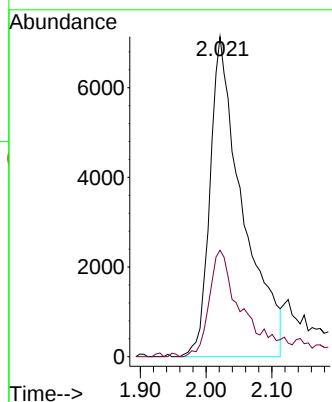
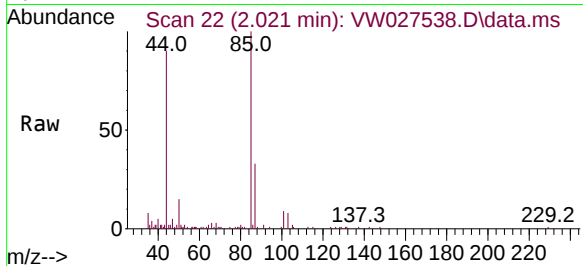




#2
Dichlorodifluoromethane
Concen: 4.985 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

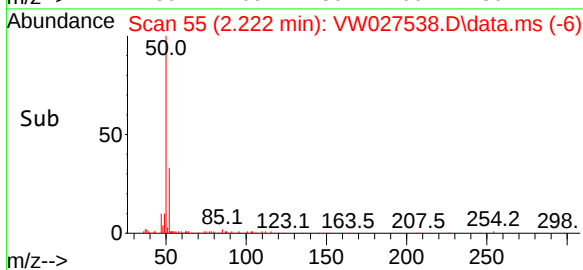
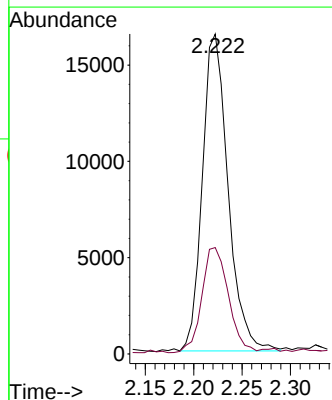
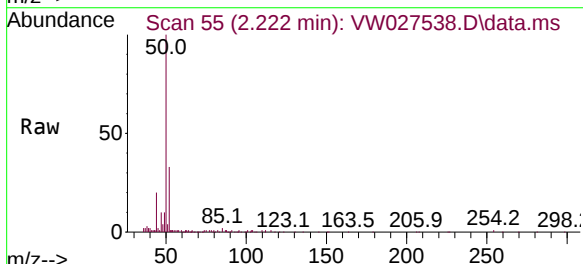
Instrument :
MSVOA_W
ClientSampleId :

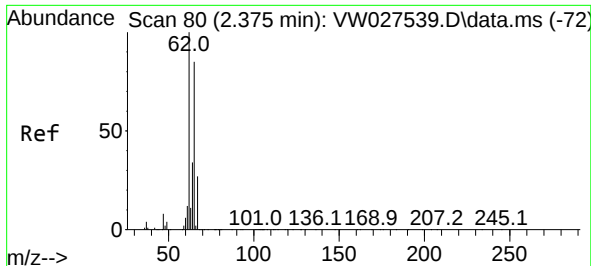
Tgt Ion: 85 Resp: 24637
Ion Ratio Lower Upper
85 100
87 29.5 24.5 36.7



#3
Chloromethane
Concen: 4.599 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion: 50 Resp: 30472
Ion Ratio Lower Upper
50 100
52 33.3 22.6 42.0

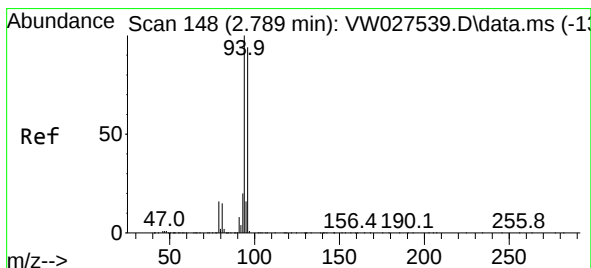
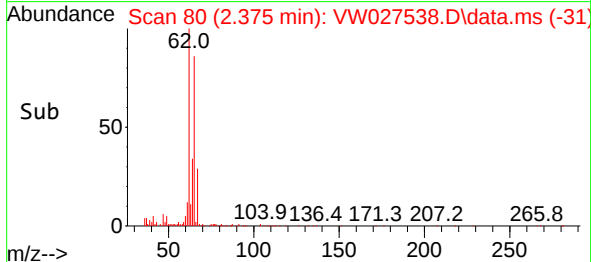
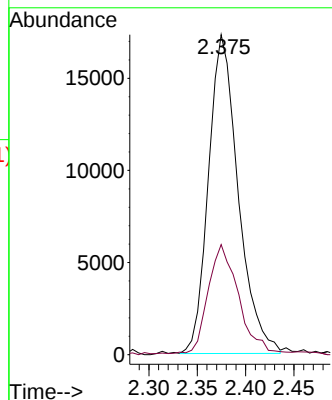
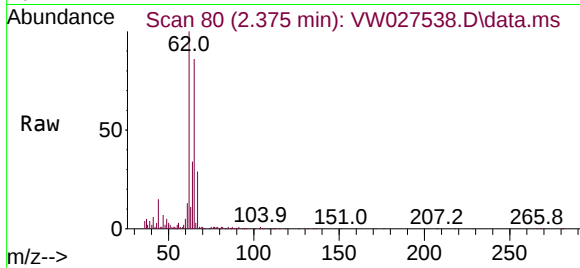




#5
 Vinyl chloride
 Concen: 4.928 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027538.D
 Acq: 06 Nov 2023 09:20

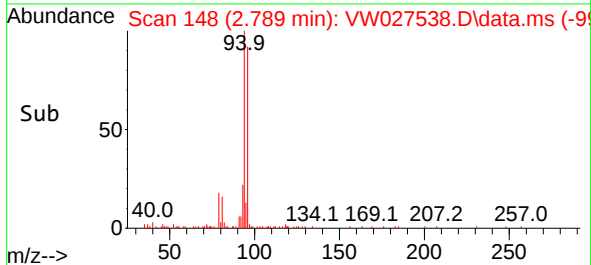
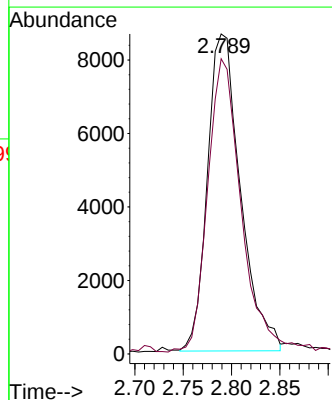
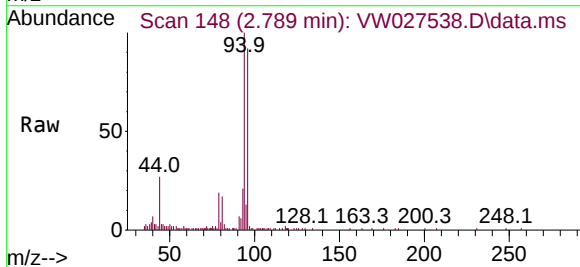
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 ClientSampleId :

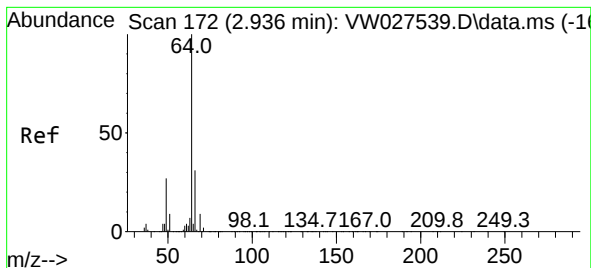
Tgt Ion: 62 Resp: 37047
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.9 44.3



#6
 Bromomethane
 Concen: 4.952 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027538.D
 Acq: 06 Nov 2023 09:20

Tgt Ion: 94 Resp: 20535
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.7 122.1





#8

Chloroethane

Concen: 4.939 ug/L

RT: 2.936 min Scan# 172

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

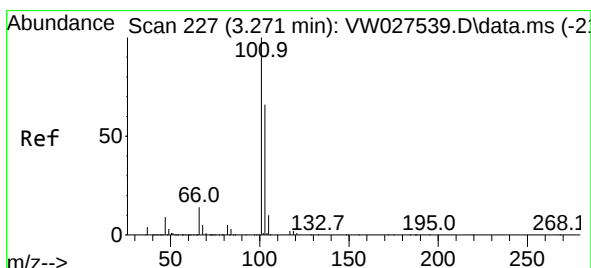
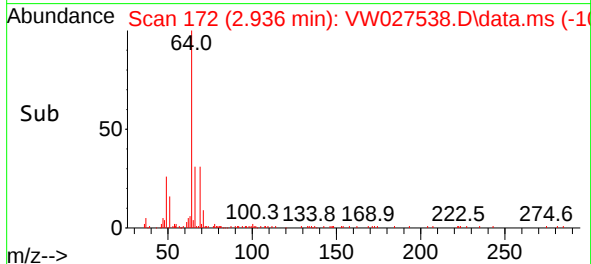
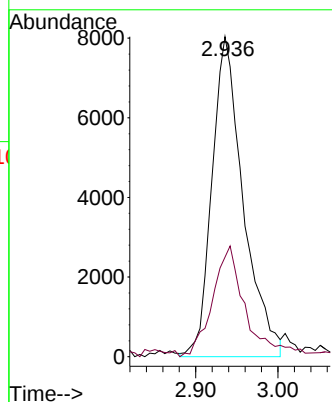
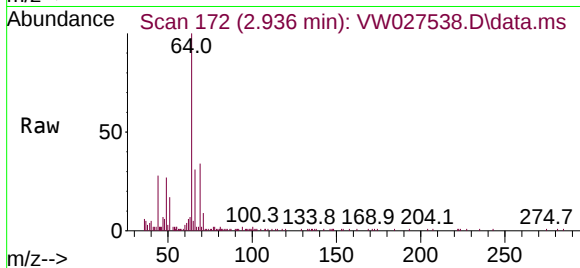
ClientSampleId :

Tgt Ion: 64 Resp: 21232

Ion Ratio Lower Upper

64 100

66 31.1 21.8 40.6



#9

Trichlorofluoromethane

Concen: 4.773 ug/L

RT: 3.271 min Scan# 227

Delta R.T. -0.000 min

Lab File: VW027538.D

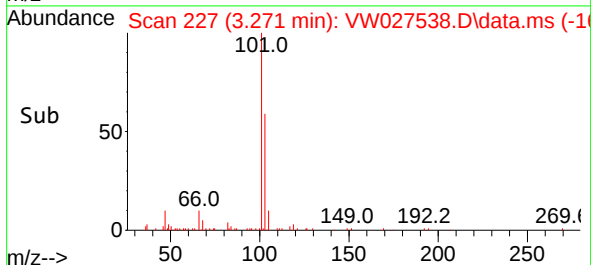
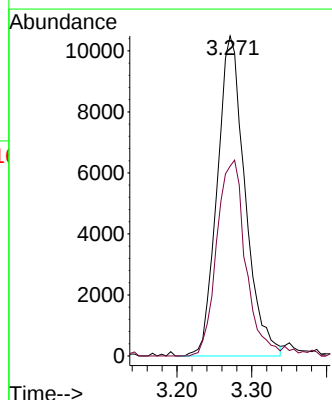
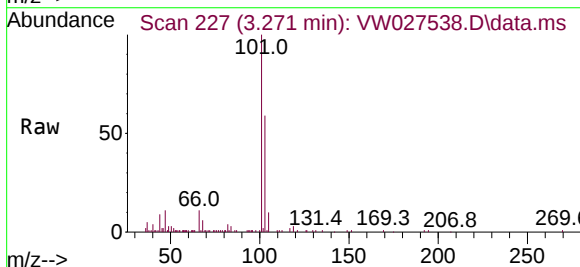
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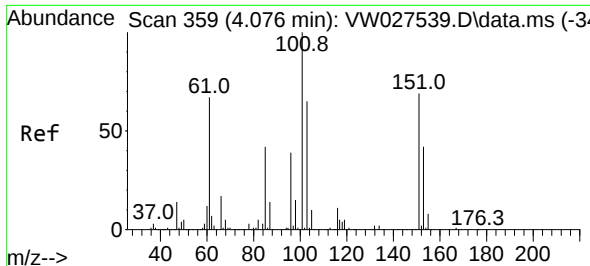
Tgt Ion: 101 Resp: 27156

Ion Ratio Lower Upper

101 100

103 63.2 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.469 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

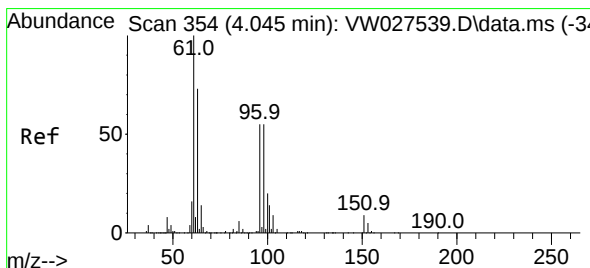
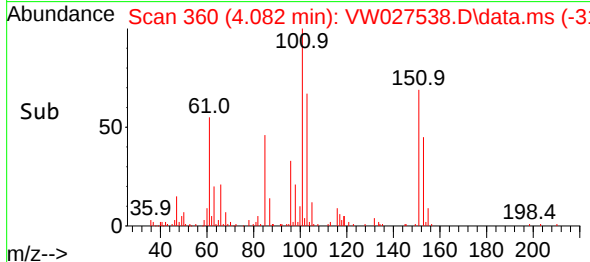
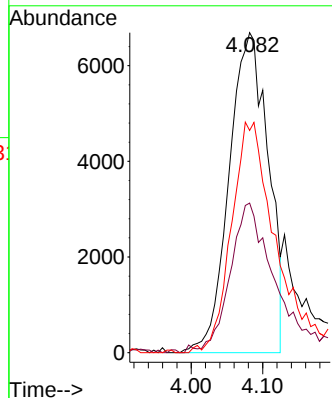
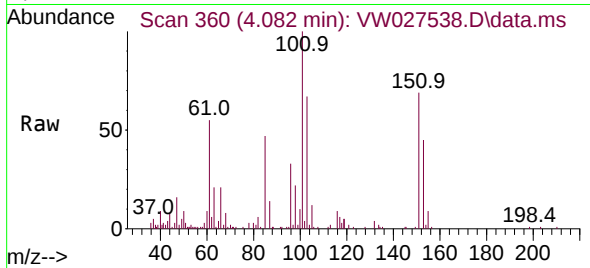
Tgt Ion:101 Resp: 25408

Ion Ratio Lower Upper

101 100

85 50.7 35.6 53.4

151 78.6 56.6 84.8



#12

1,1-Dichloroethene

Concen: 5.022 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

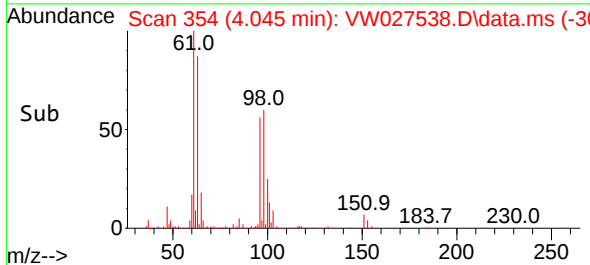
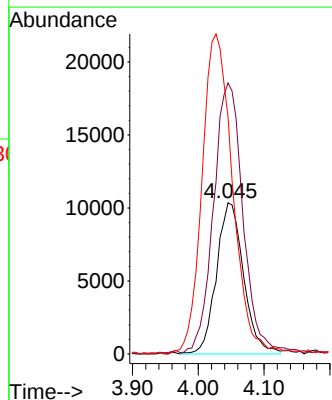
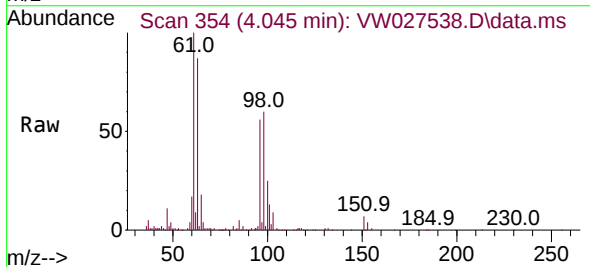
Tgt Ion: 96 Resp: 29719

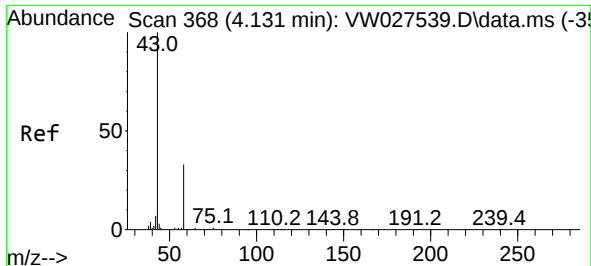
Ion Ratio Lower Upper

96 100

61 179.3 128.9 239.3

63 156.8 96.4 179.0





#13

Acetone

Concen: 8.920 ug/L

RT: 4.130 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

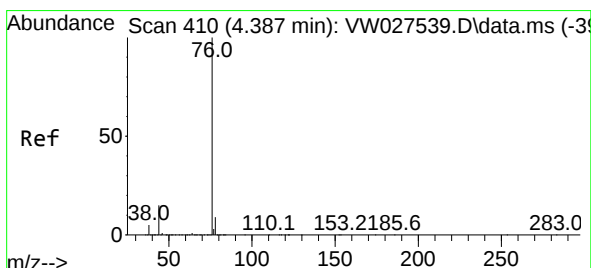
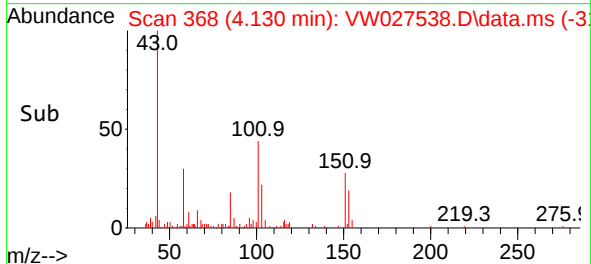
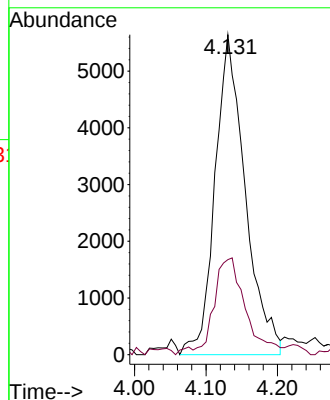
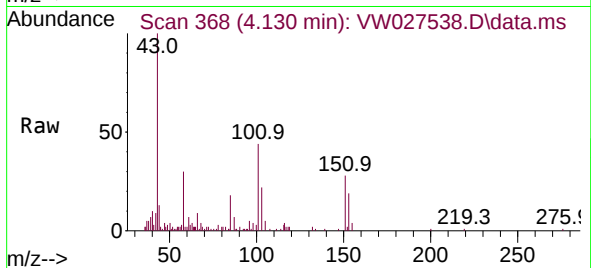
ClientSampleId :

Tgt Ion: 43 Resp: 16570

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.4



#14

Carbon disulfide

Concen: 5.058 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW027538.D

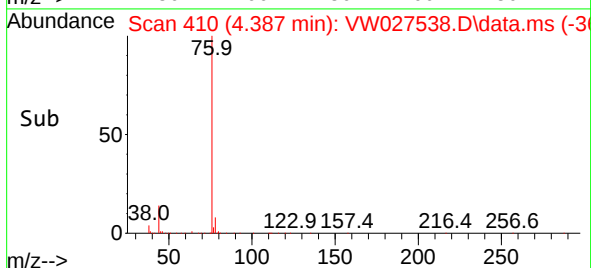
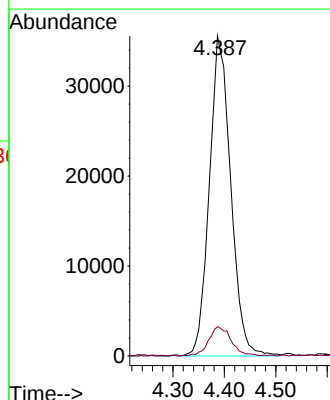
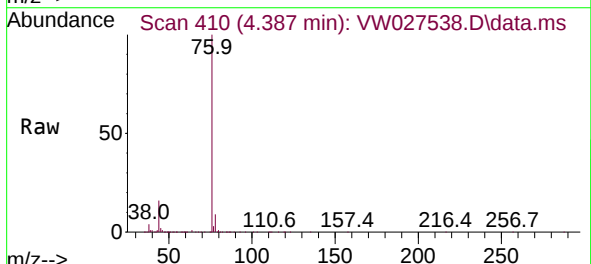
Acq: 06 Nov 2023 09:20

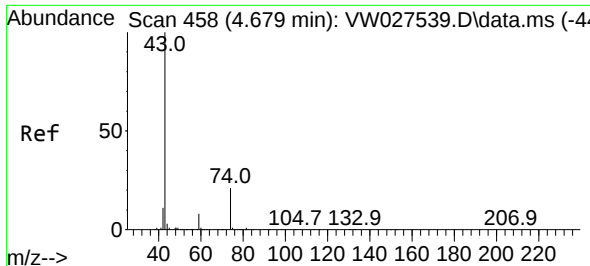
Tgt Ion: 76 Resp: 102967

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

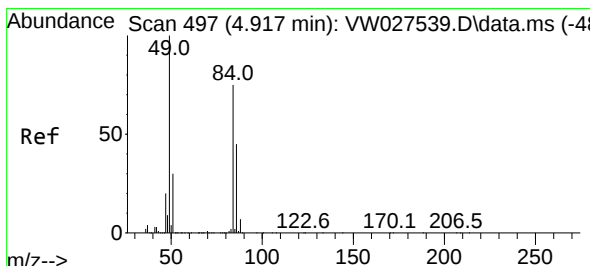
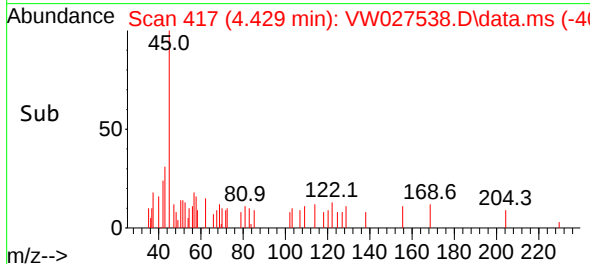
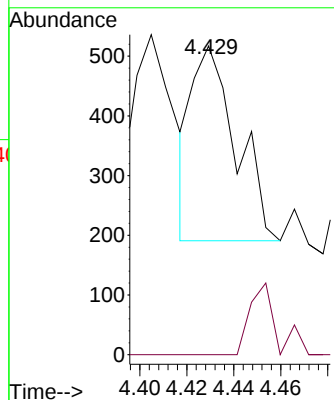
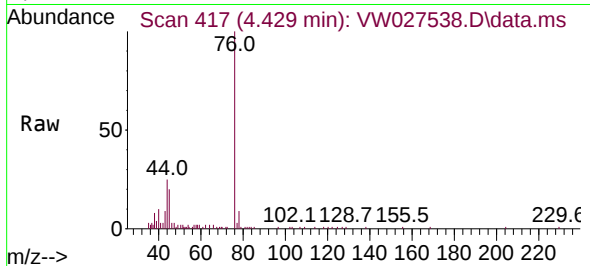




#15
Methyl Acetate
Concen: 0.156 ug/L
RT: 4.429 min Scan# 417
Delta R.T. -0.250 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

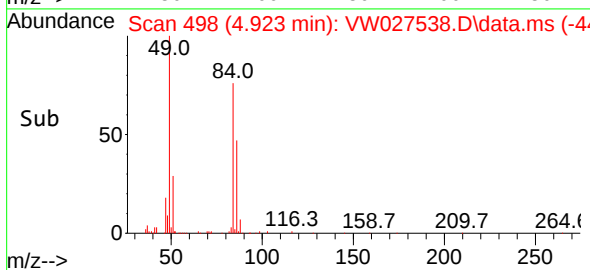
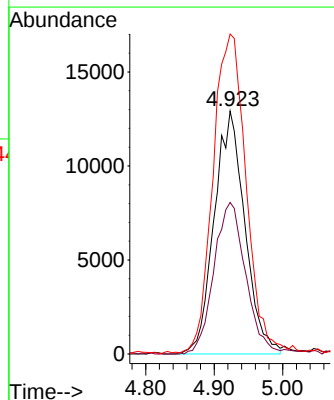
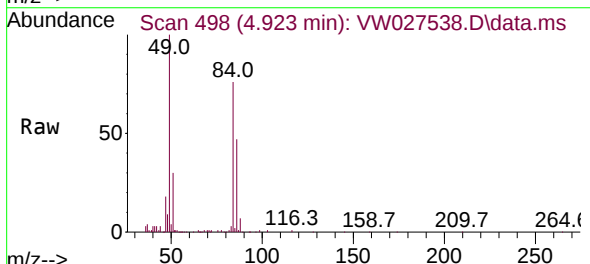
Instrument :
MSVOA_W
ClientSampleId :

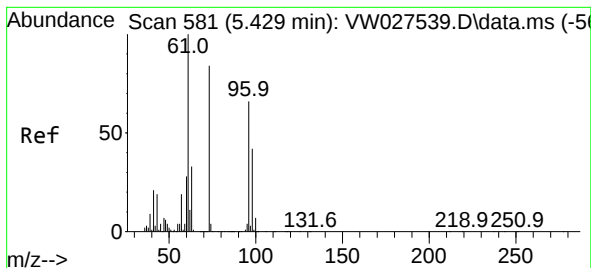
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
74 17.8 16.9 25.3



#16
Methylene chloride
Concen: 5.483 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion: 84 Resp: 40131
Ion Ratio Lower Upper
84 100
86 62.4 42.7 79.3
49 131.7 94.0 174.6





#17

trans-1,2-Dichloroethene

Concen: 5.034 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

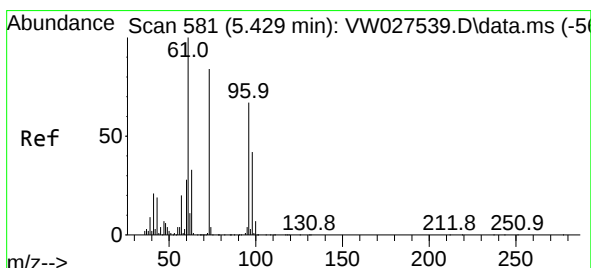
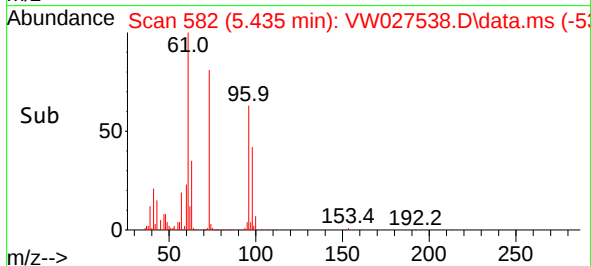
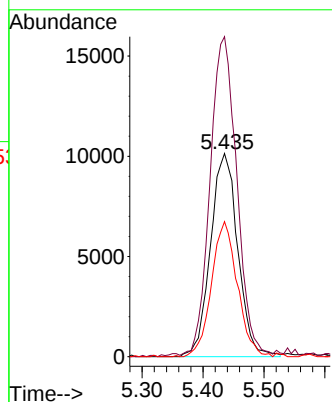
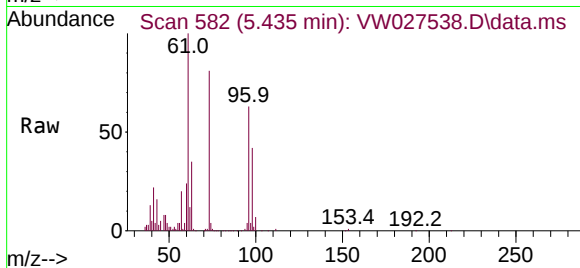
Tgt Ion: 96 Resp: 31554

Ion Ratio Lower Upper

96 100

61 157.5 105.3 195.6

98 66.5 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 5.144 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

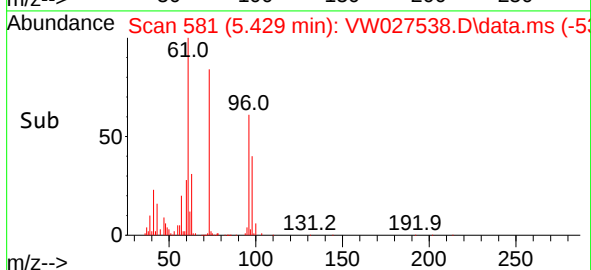
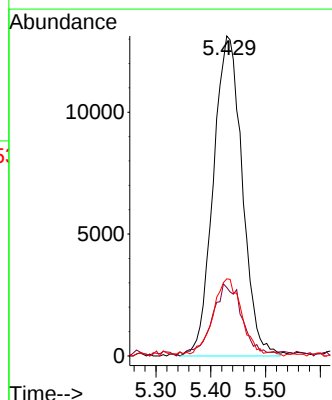
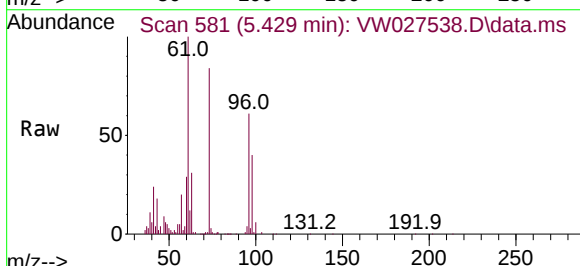
Tgt Ion: 73 Resp: 48105

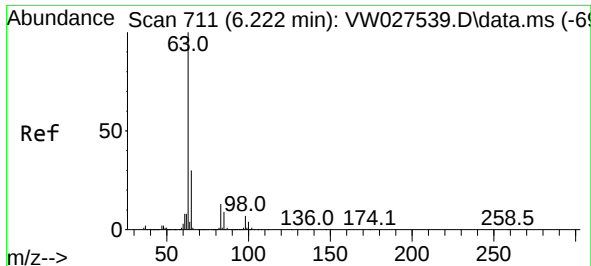
Ion Ratio Lower Upper

73 100

43 16.4 17.1 25.7#

57 23.8 19.4 29.0





#19

1,1-Dichloroethane

Concen: 5.003 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

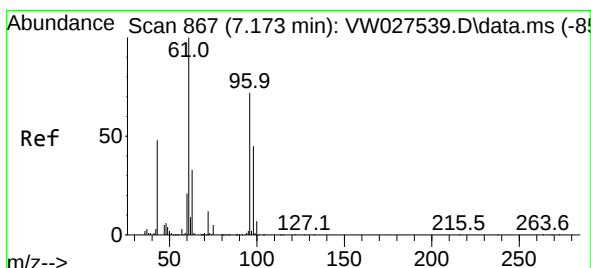
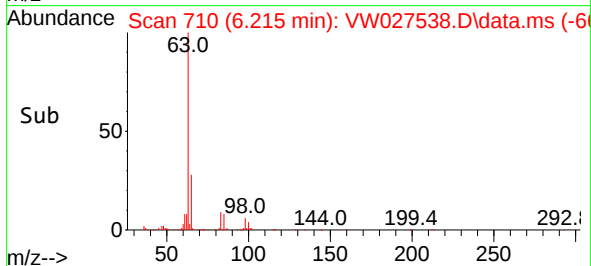
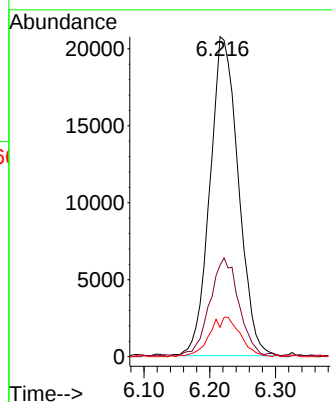
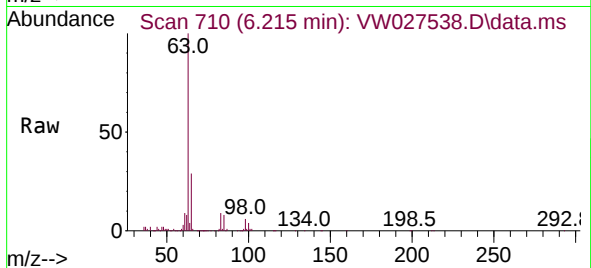
Tgt Ion: 63 Resp: 62431

Ion Ratio Lower Upper

63 100

65 28.6 21.1 39.3

83 9.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 4.954 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

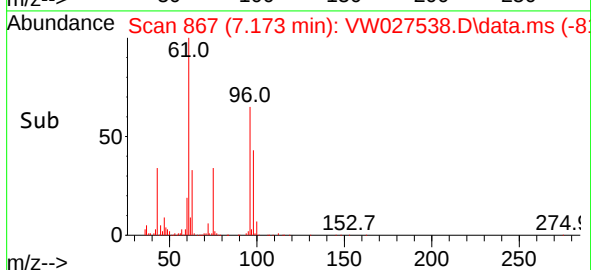
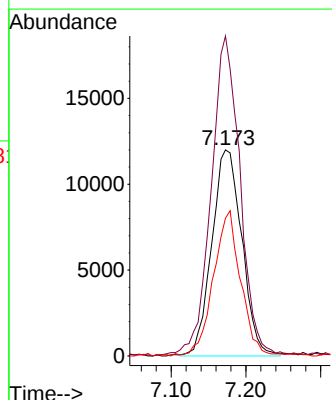
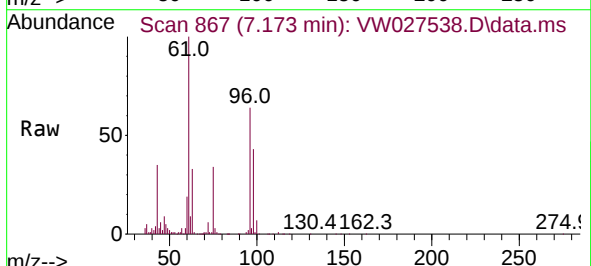
Tgt Ion: 96 Resp: 33566

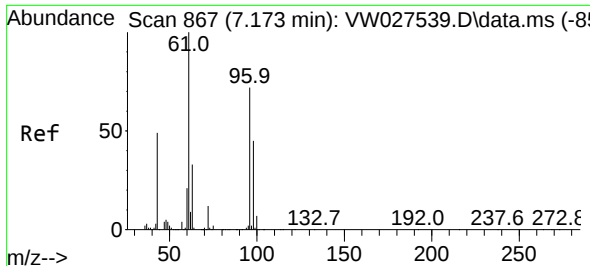
Ion Ratio Lower Upper

96 100

61 155.3 97.9 181.7

98 66.9 43.5 80.9

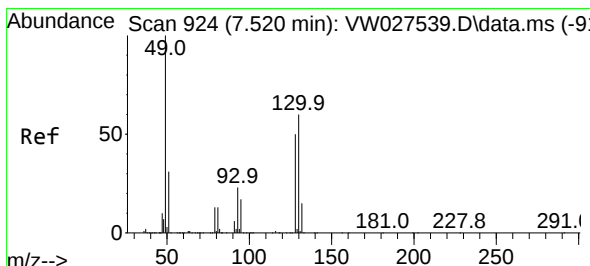
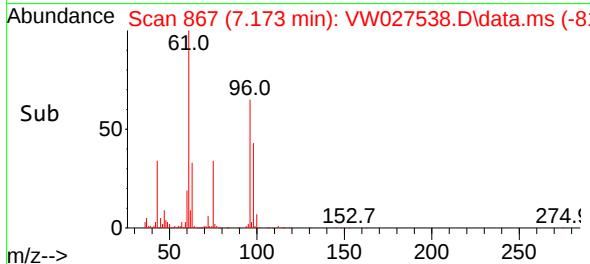
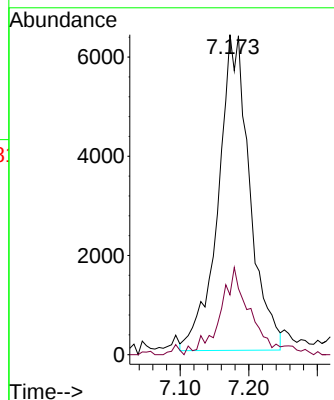
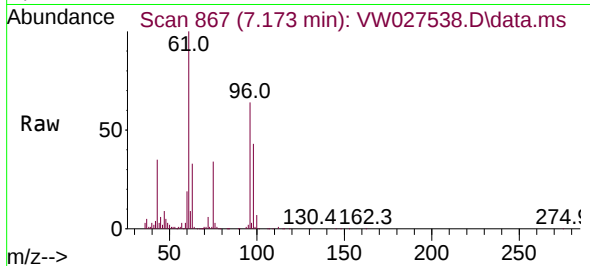




#22
2-Butanone
Concen: 8.637 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

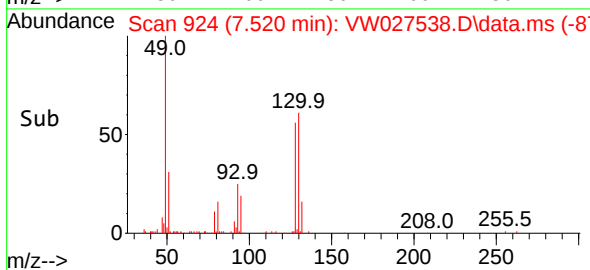
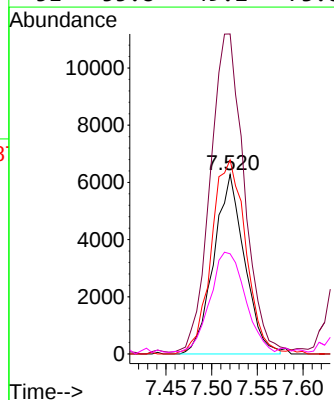
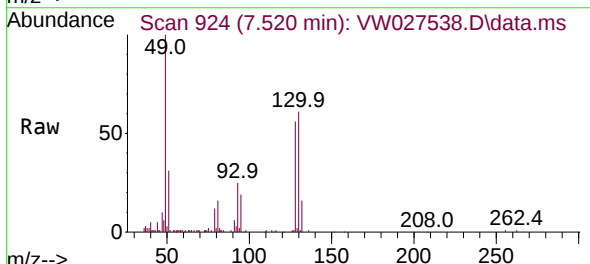
Instrument :
MSVOA_W
ClientSampleId :

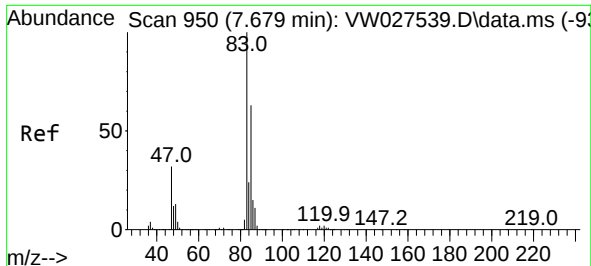
Tgt Ion: 43 Resp: 20408
Ion Ratio Lower Upper
43 100
72 19.7 12.3 36.9



#23
Bromochloromethane
Concen: 5.187 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion: 128 Resp: 14611
Ion Ratio Lower Upper
128 100
49 178.3 139.7 259.5
130 108.2 83.4 155.0
51 55.8 49.2 73.8

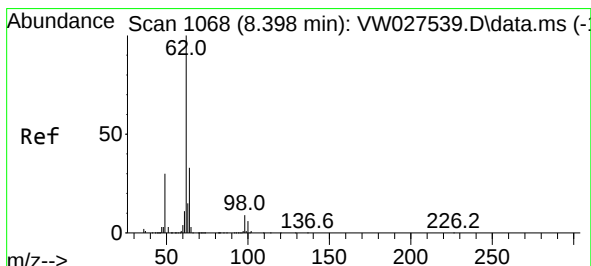
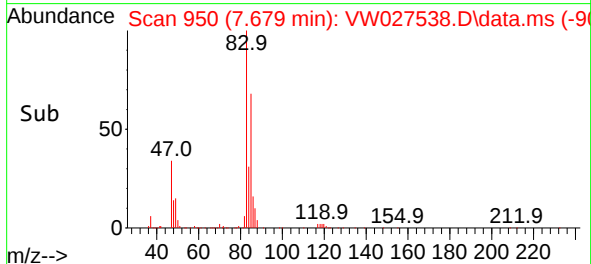
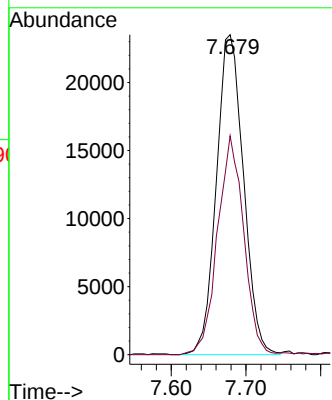
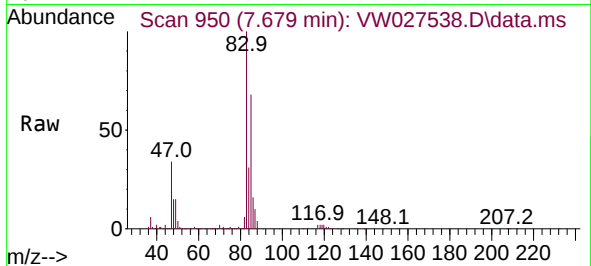




#25
Chloroform
Concen: 5.122 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

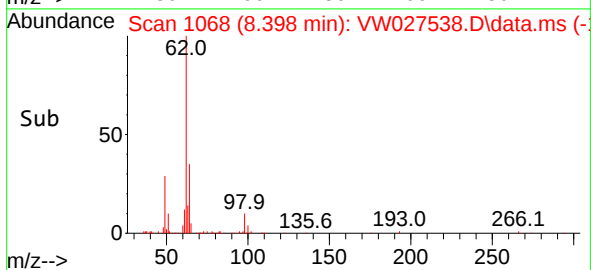
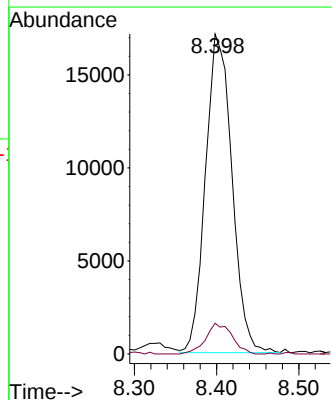
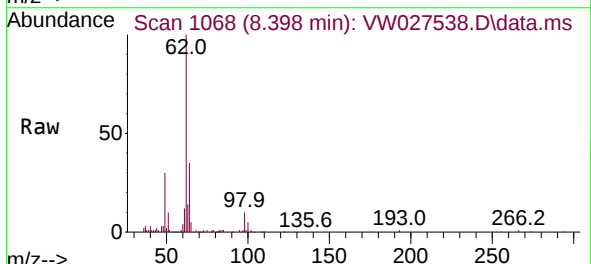
Instrument :
MSVOA_W
ClientSampleId :

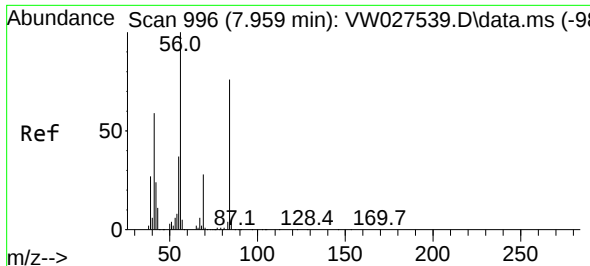
Tgt Ion: 83 Resp: 59335
Ion Ratio Lower Upper
83 100
85 68.4 44.2 82.0



#27
1,2-Dichloroethane
Concen: 5.036 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion: 62 Resp: 38393
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0





#29

Cyclohexane

Concen: 5.066 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

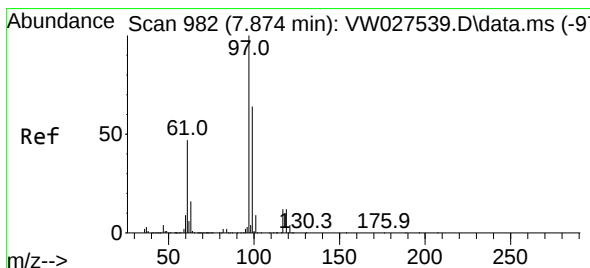
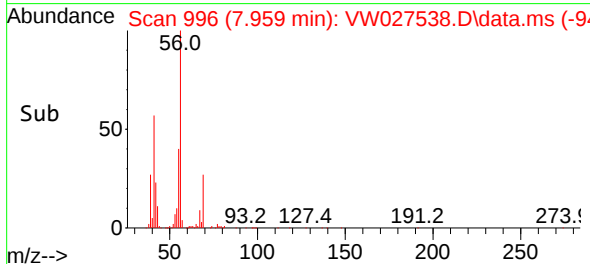
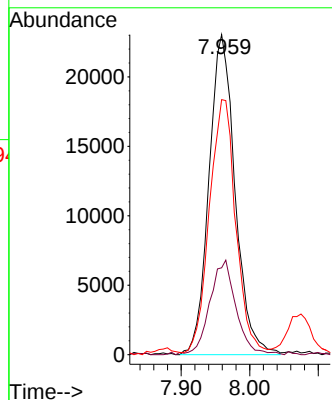
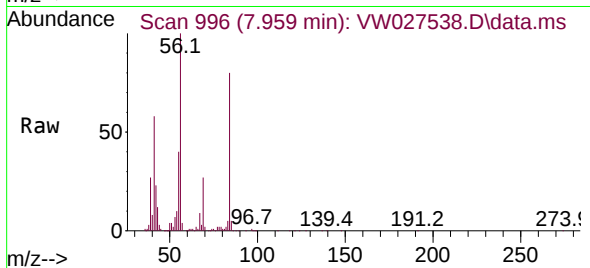
Tgt Ion: 56 Resp: 61014

Ion Ratio Lower Upper

56 100

69 29.1 23.0 34.6

84 81.0 63.6 95.4



#30

1,1,1-Trichloroethane

Concen: 5.055 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

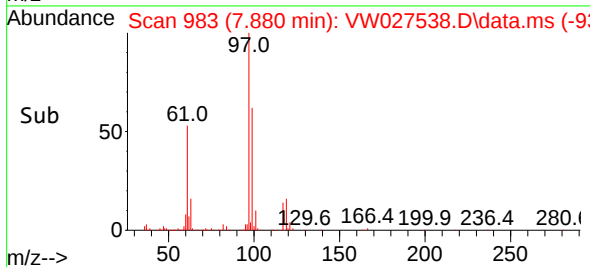
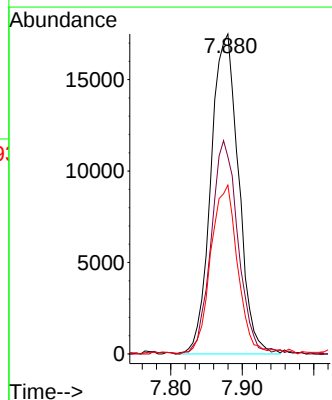
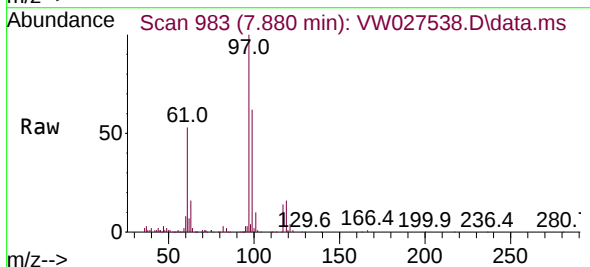
Tgt Ion: 97 Resp: 47039

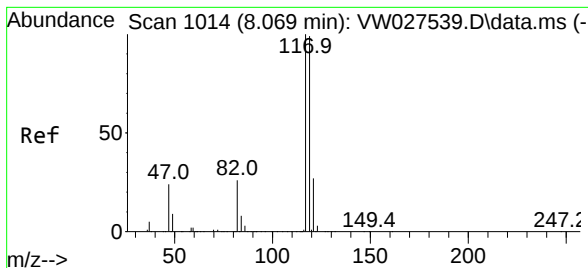
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 51.1 39.1 58.7





#31

Carbon tetrachloride

Concen: 4.965 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

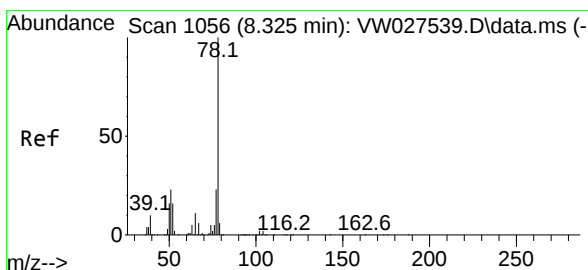
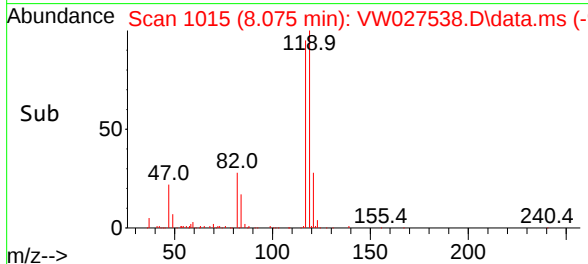
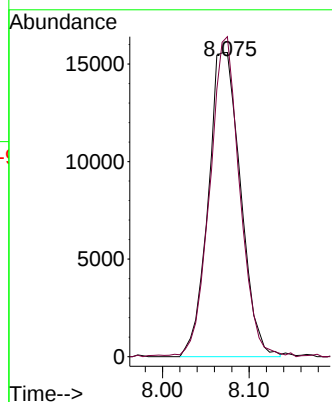
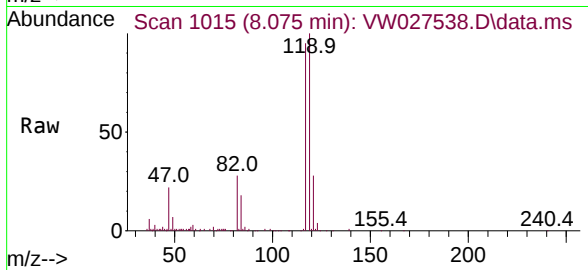
ClientSampleId :

Tgt Ion:117 Resp: 40434

Ion Ratio Lower Upper

117 100

119 97.0 76.5 114.7



#33

Benzene

Concen: 5.115 ug/L

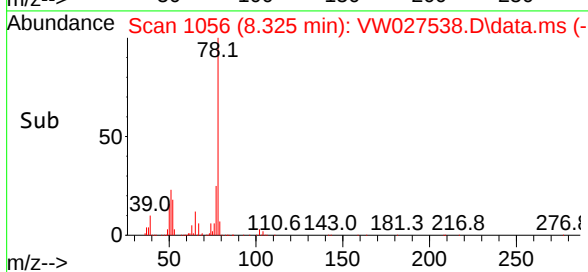
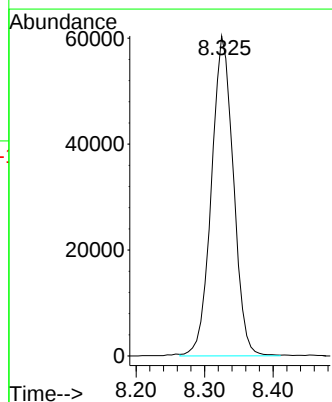
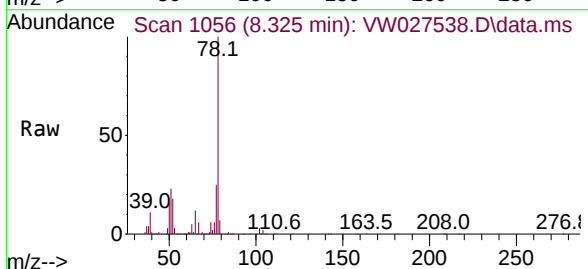
RT: 8.325 min Scan# 1056

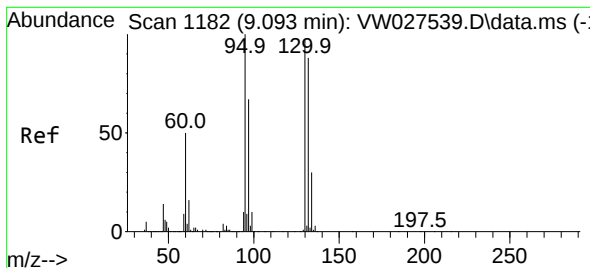
Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Tgt Ion: 78 Resp: 134378





#34

Trichloroethene

Concen: 5.186 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

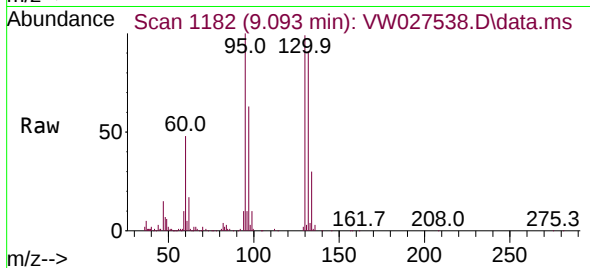
Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 35214

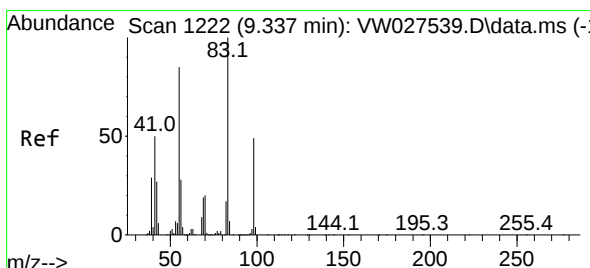
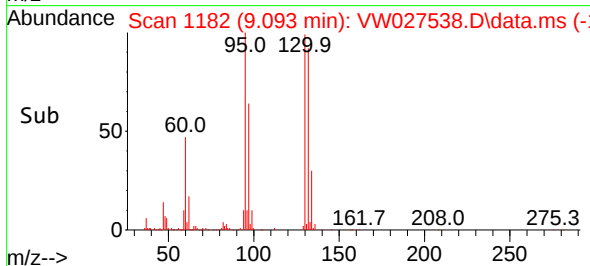
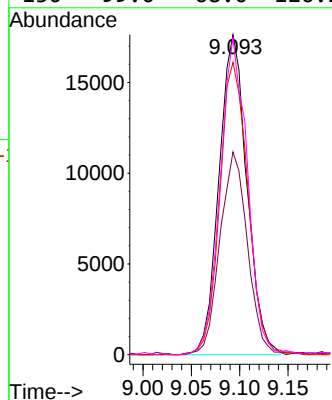
Ion Ratio Lower Upper

95 100

97 63.4 46.9 87.1

132 91.4 61.8 114.8

130 99.0 68.0 126.2



#35

Methylcyclohexane

Concen: 5.083 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

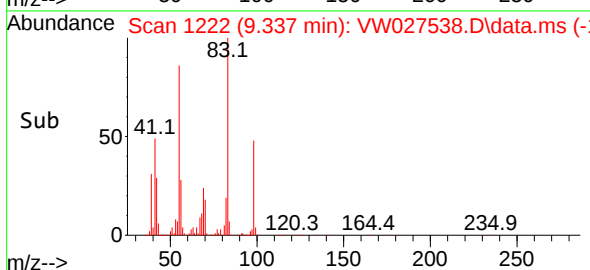
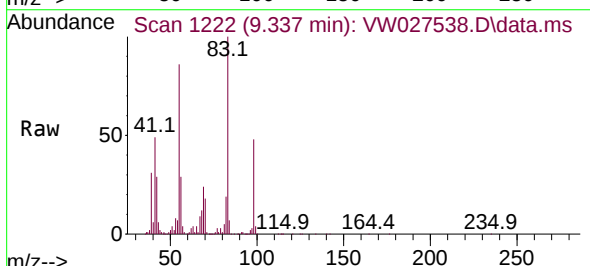
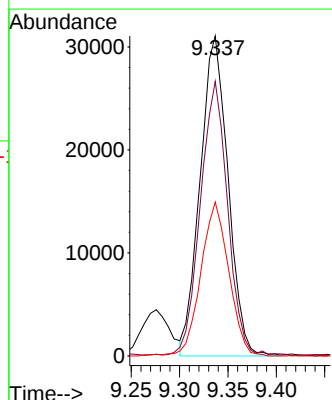
Tgt Ion: 83 Resp: 62516

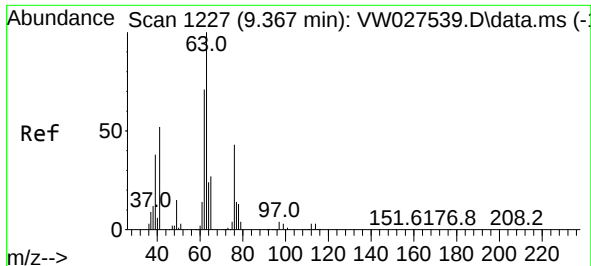
Ion Ratio Lower Upper

83 100

55 83.1 66.2 99.2

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.217 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

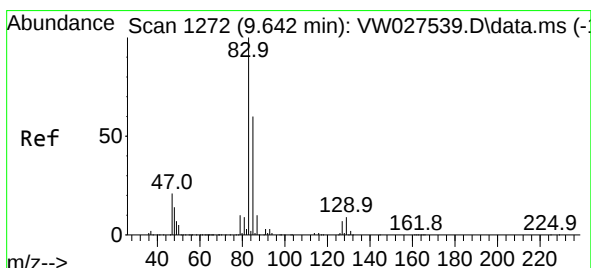
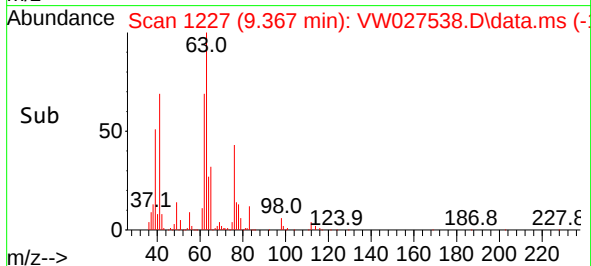
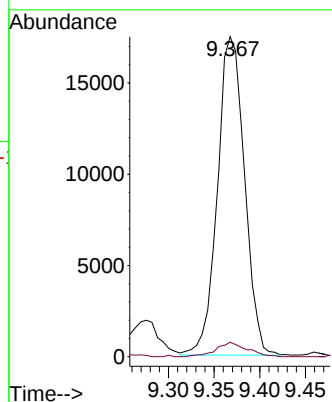
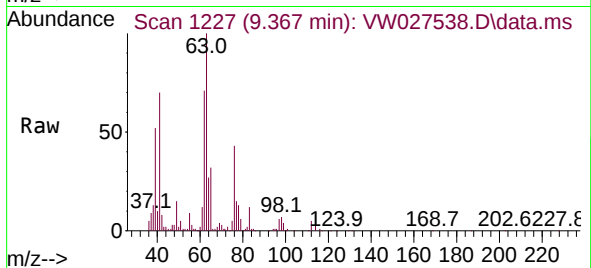
ClientSampleId :

Tgt Ion: 63 Resp: 36033

Ion Ratio Lower Upper

63 100

112 5.2 3.3 4.9#



#38

Bromodichloromethane

Concen: 5.013 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

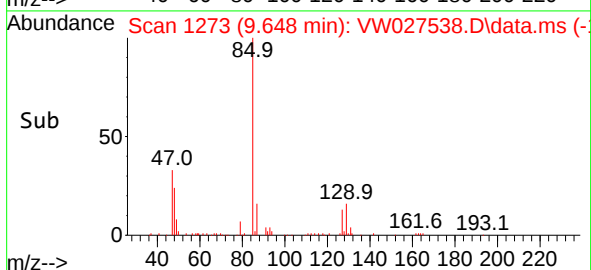
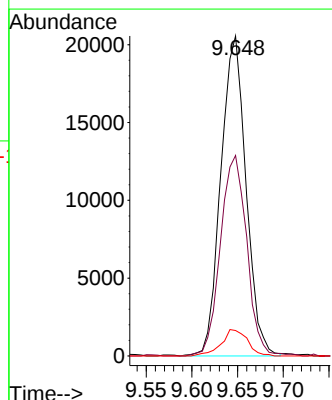
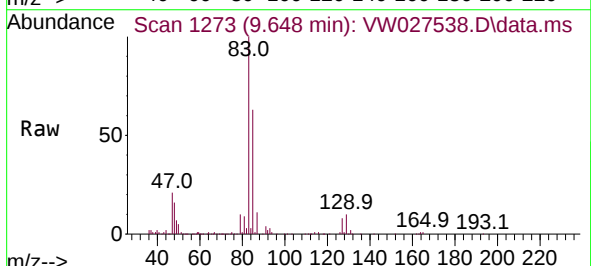
Tgt Ion: 83 Resp: 39387

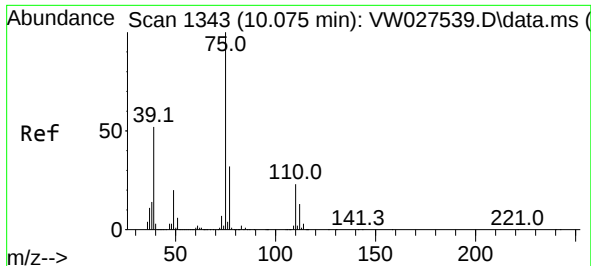
Ion Ratio Lower Upper

83 100

85 62.7 42.2 78.4

127 7.9 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 4.852 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

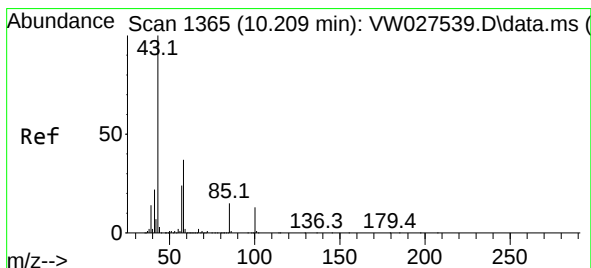
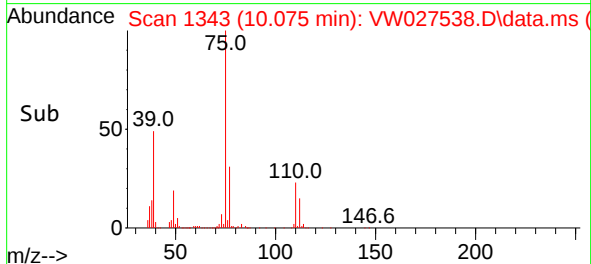
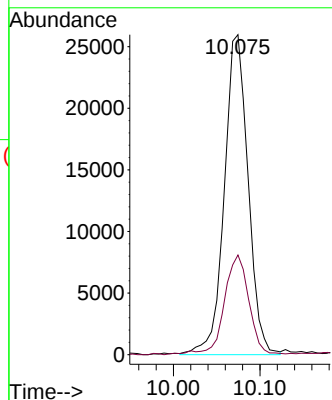
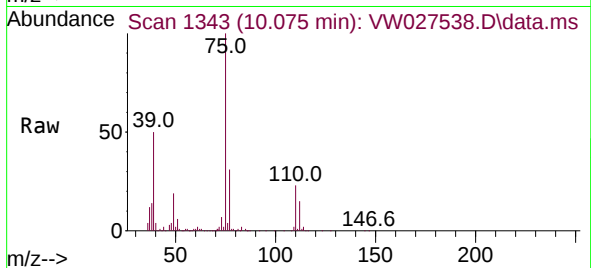
ClientSampleId :

Tgt Ion: 75 Resp: 49551

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 9.929 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

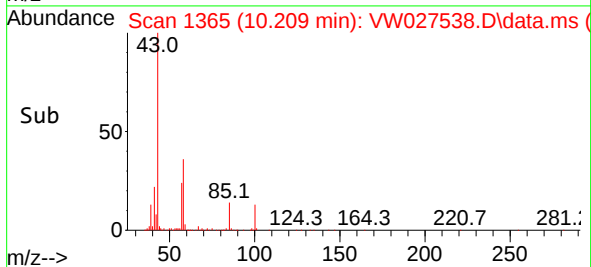
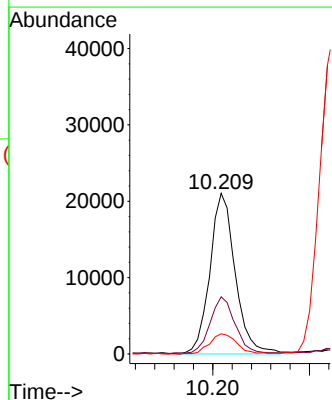
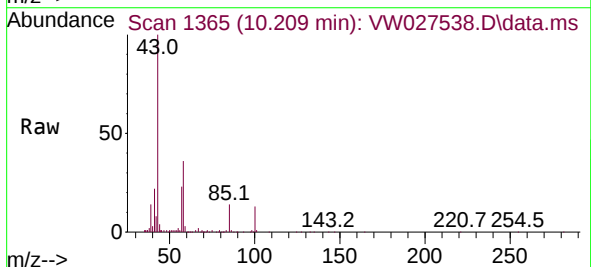
Tgt Ion: 43 Resp: 38296

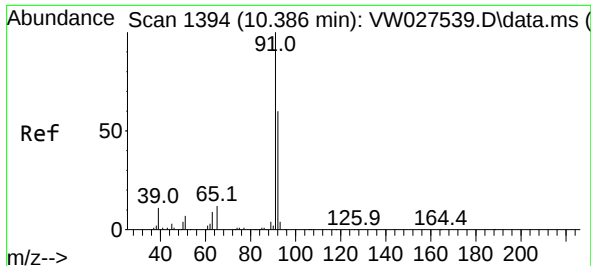
Ion Ratio Lower Upper

43 100

58 34.9 29.6 44.4

100 13.2 10.7 16.1





#42

Toluene

Concen: 5.167 ug/L

RT: 10.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

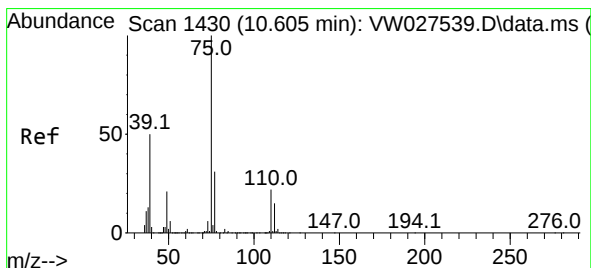
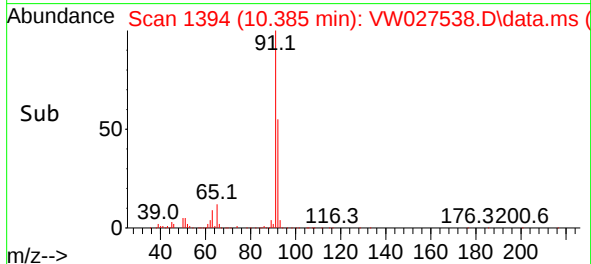
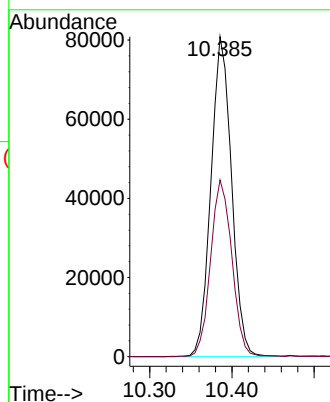
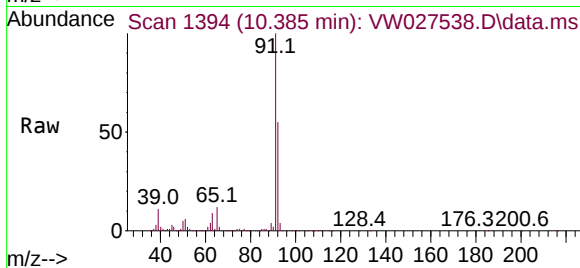
ClientSampleId :

Tgt Ion: 91 Resp: 140829

Ion Ratio Lower Upper

91 100

92 55.2 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 4.773 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027538.D

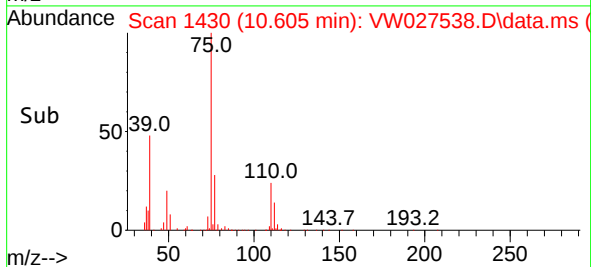
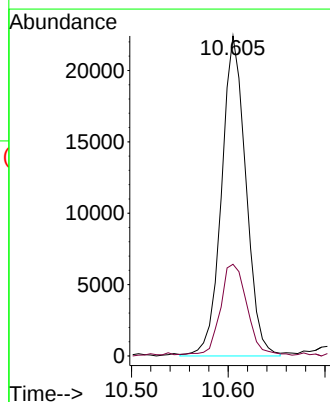
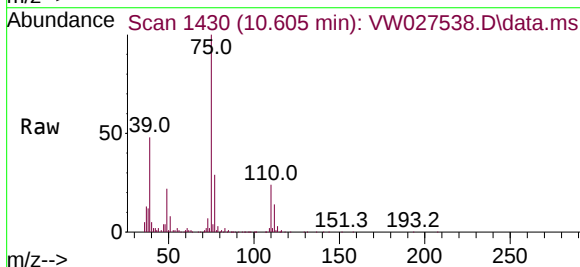
Acq: 06 Nov 2023 09:20

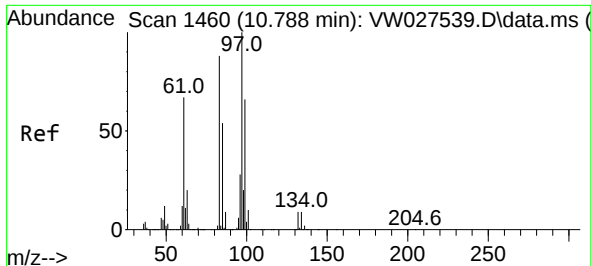
Tgt Ion: 75 Resp: 39165

Ion Ratio Lower Upper

75 100

77 28.7 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.229 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 23481

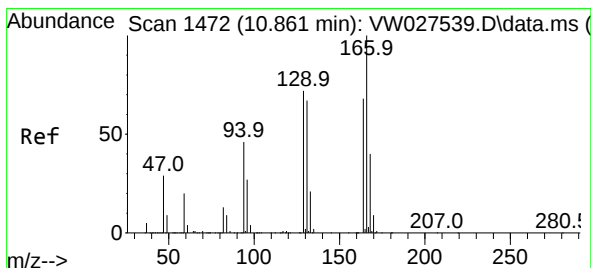
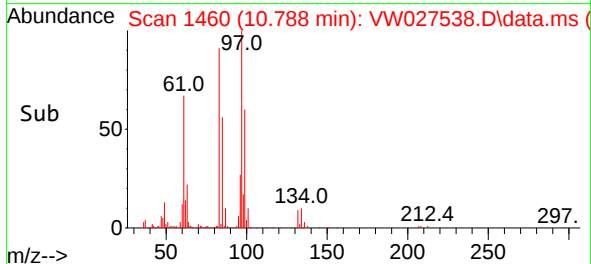
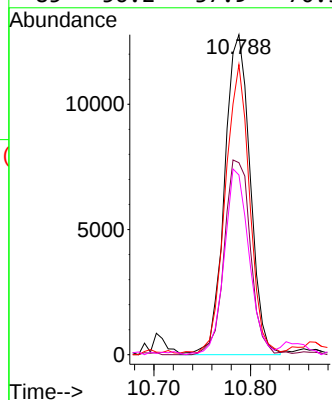
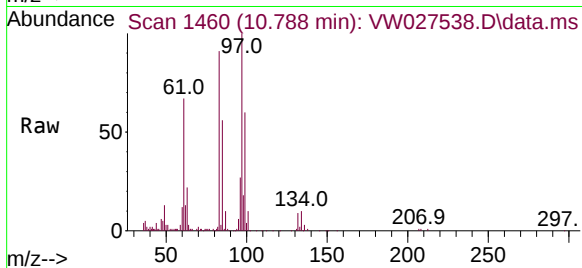
Ion Ratio Lower Upper

97 100

99 60.0 46.1 85.5

83 90.7 61.5 114.3

85 56.2 37.9 70.5



#46

Tetrachloroethene

Concen: 5.073 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Tgt Ion:164 Resp: 24717

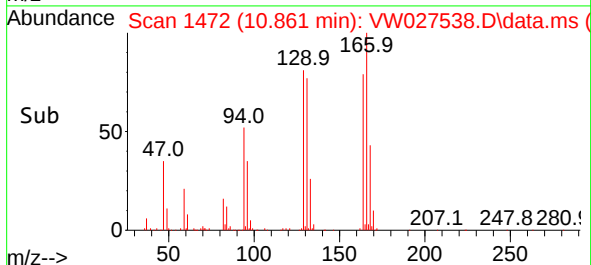
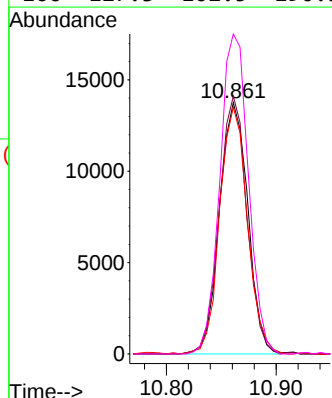
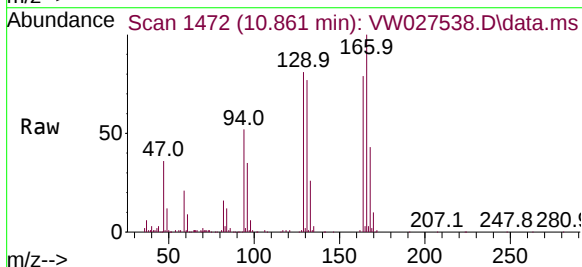
Ion Ratio Lower Upper

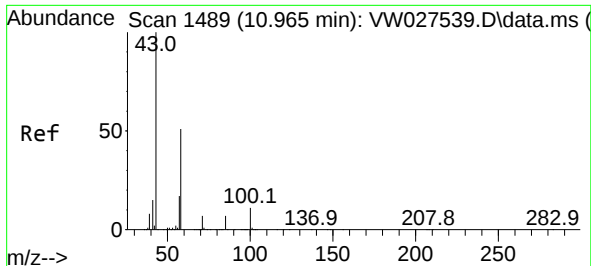
164 100

129 102.6 73.4 136.2

131 98.2 68.4 127.0

166 127.3 102.5 190.3

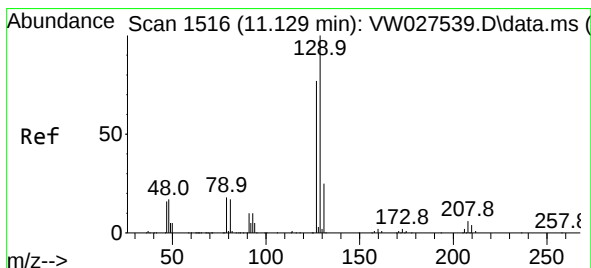
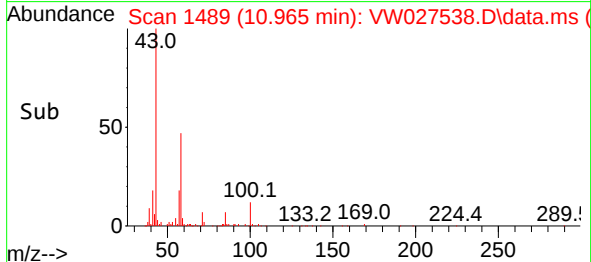
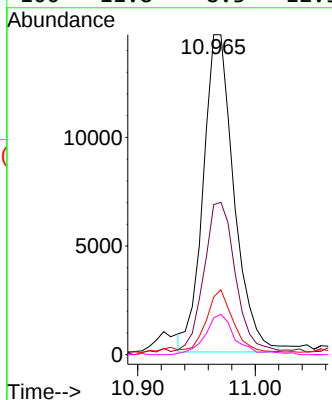
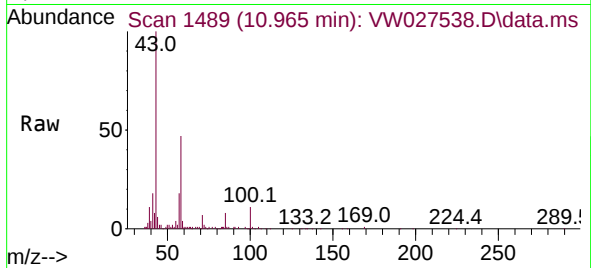




#48
2-Hexanone
Concen: 8.689 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

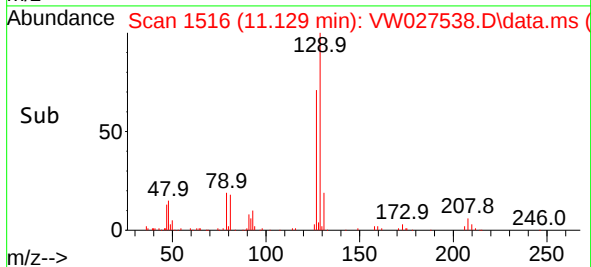
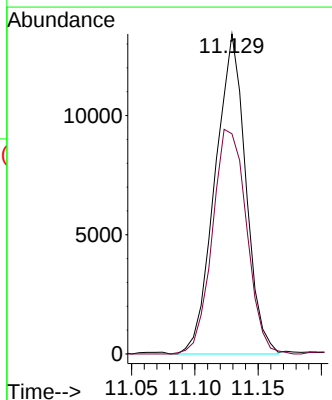
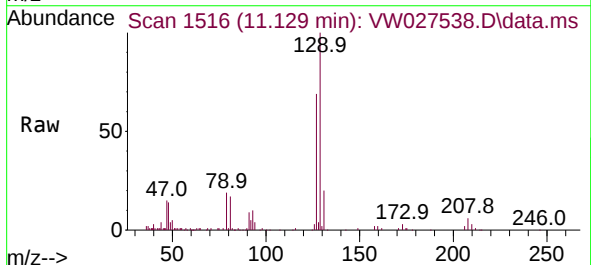
Instrument :
MSVOA_W
ClientSampleId :

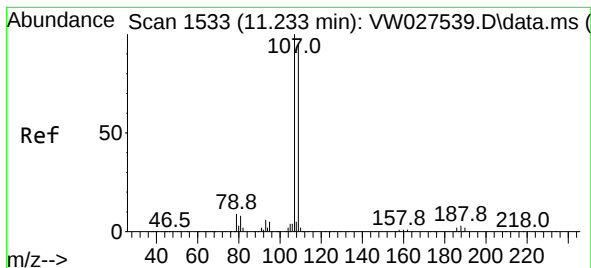
Tgt Ion:	43	Resp:	26668
Ion	Ratio	Lower	Upper
43	100		
58	50.5	41.7	62.5
57	16.9	14.2	21.2
100	11.8	8.3	12.5



#49
Dibromochloromethane
Concen: 4.981 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion:	129	Resp:	22617
Ion	Ratio	Lower	Upper
129	100		
127	68.8	54.1	100.5

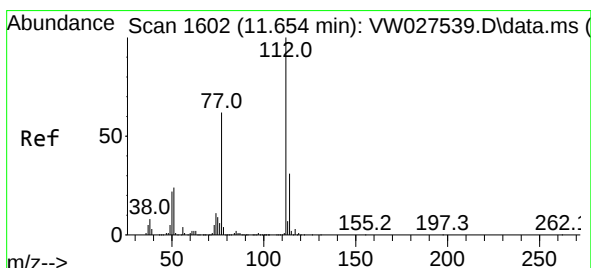
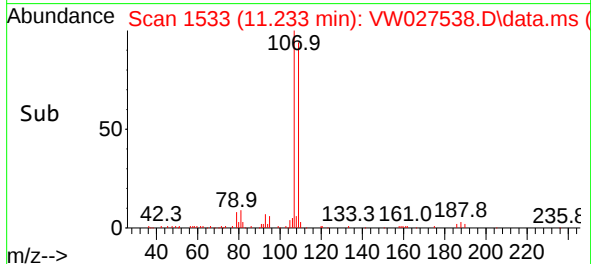
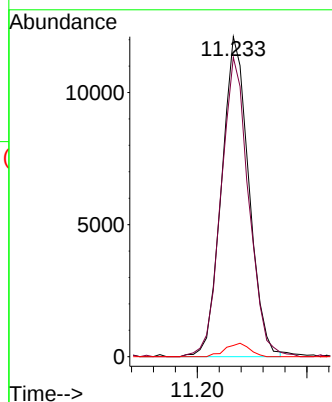
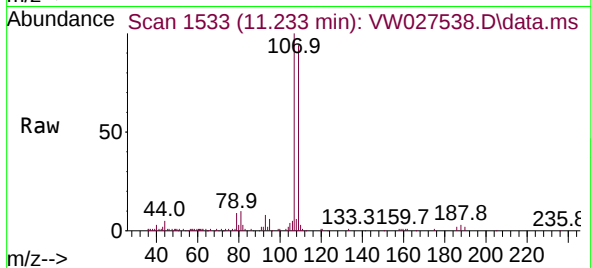




#50
1,2-Dibromoethane
Concen: 4.971 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

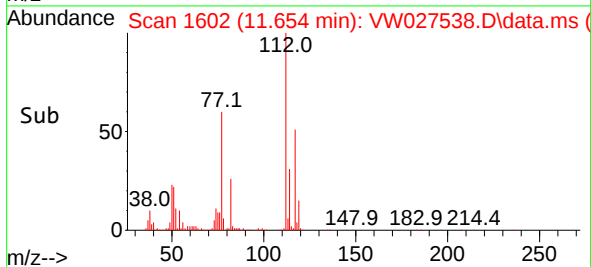
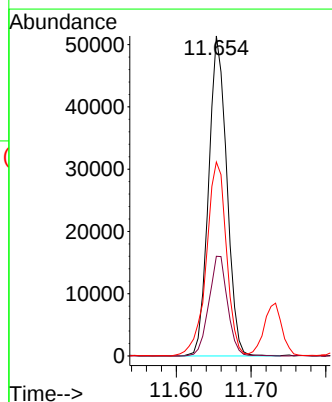
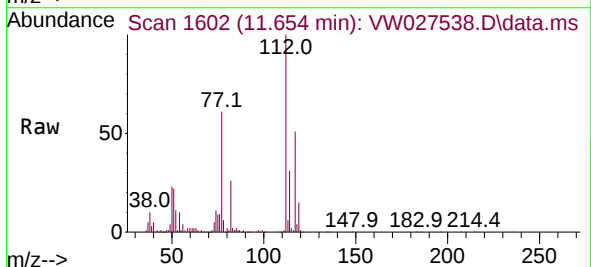
Instrument :
MSVOA_W
ClientSampleId :

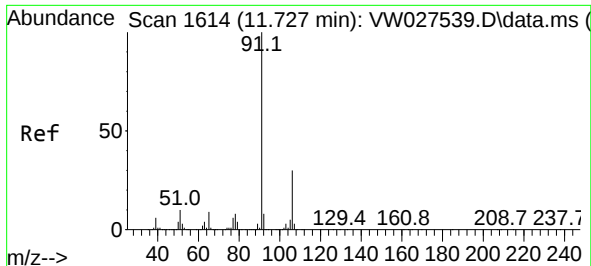
Tgt Ion:107 Resp: 20922
Ion Ratio Lower Upper
107 100
109 93.6 66.7 123.9
188 3.5 2.2 3.2#



#51
Chlorobenzene
Concen: 5.167 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion:112 Resp: 86666
Ion Ratio Lower Upper
112 100
114 31.1 21.7 40.3
77 60.6 49.9 74.9

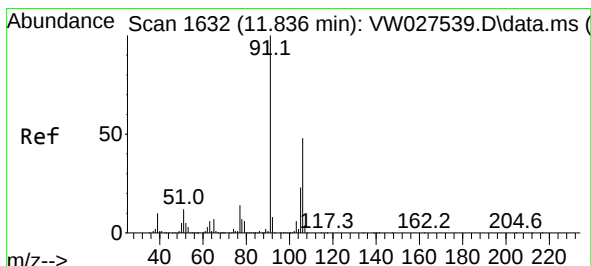
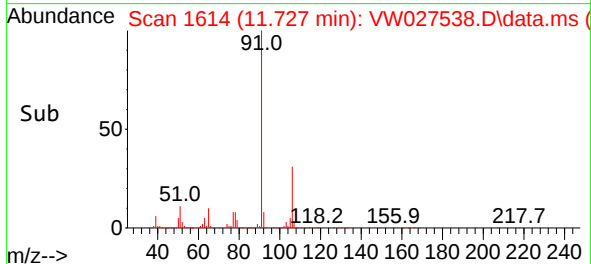
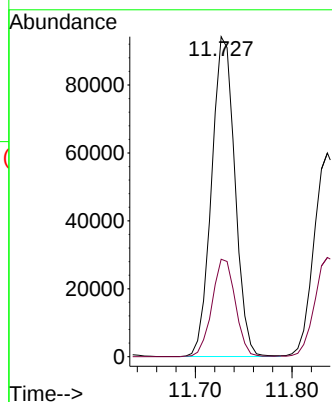
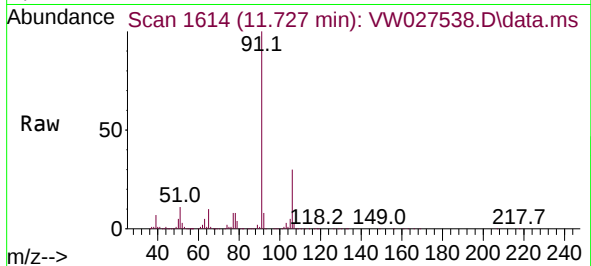




#52
Ethylbenzene
Concen: 5.075 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

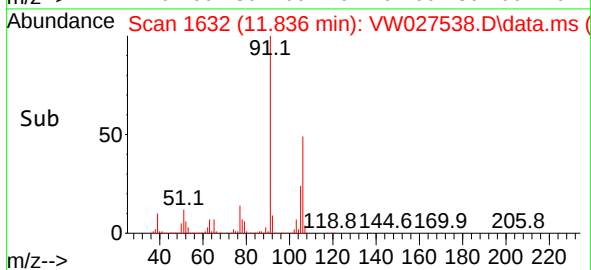
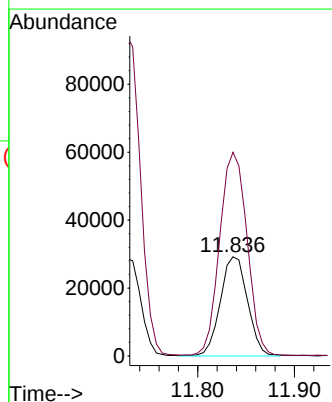
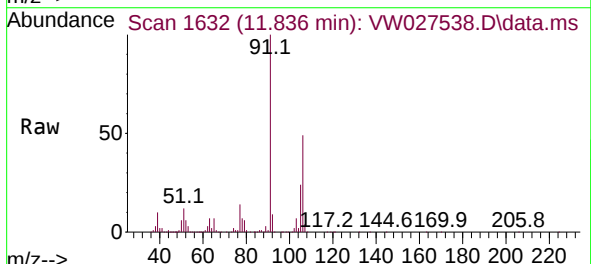
Instrument :
MSVOA_W
ClientSampleId :

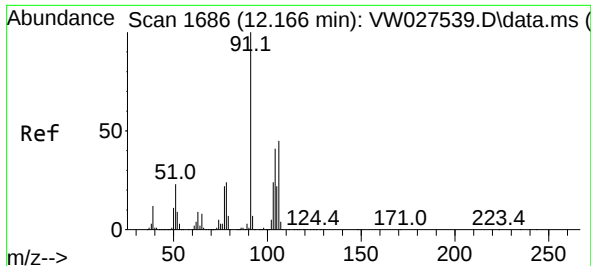
Tgt Ion: 91 Resp: 157758
Ion Ratio Lower Upper
91 100
106 30.5 20.9 38.7



#53
m,p-Xylene
Concen: 4.978 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion:106 Resp: 57053
Ion Ratio Lower Upper
106 100
91 205.2 146.3 271.7

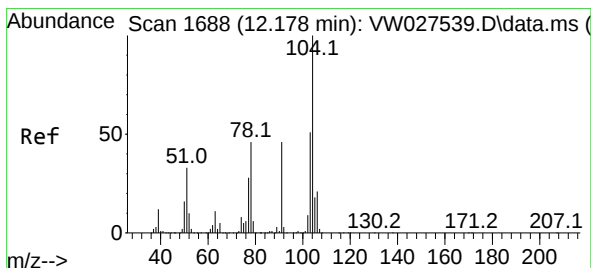
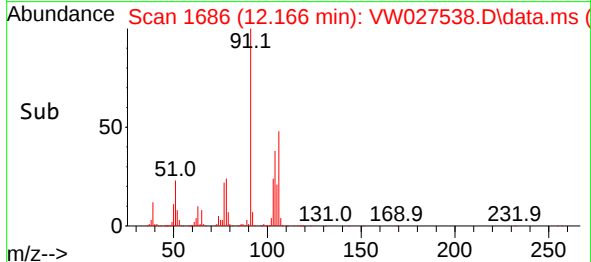
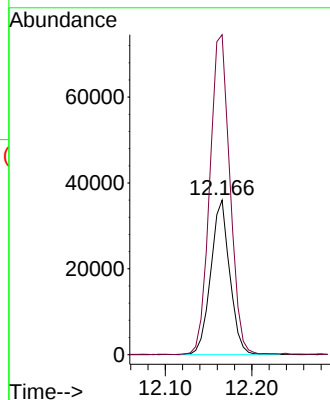
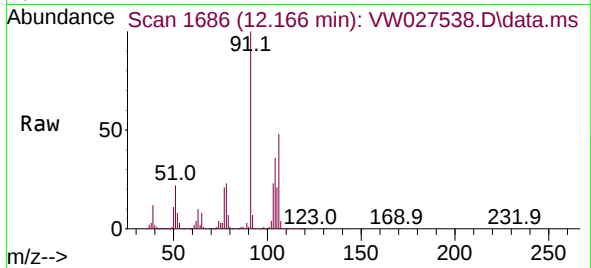




#54
o-Xylene
Concen: 5.058 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

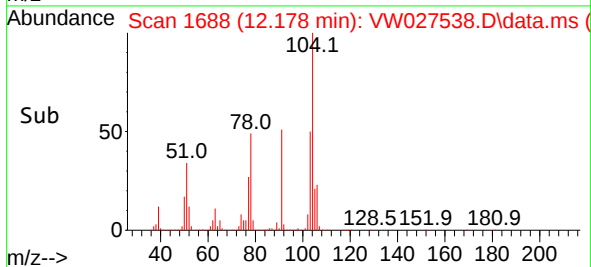
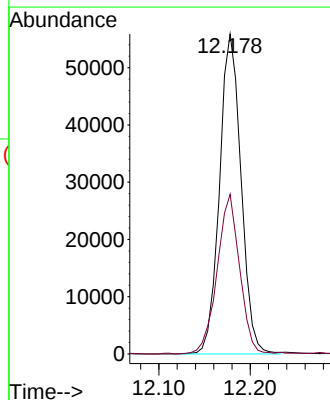
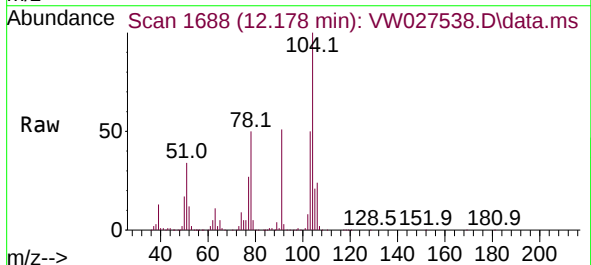
Instrument :
MSVOA_W
ClientSampleId :

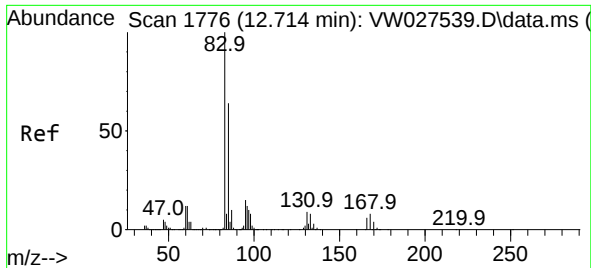
Tgt Ion:106 Resp: 54885
Ion Ratio Lower Upper
106 100
91 207.0 154.1 286.3



#55
Styrene
Concen: 4.980 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion:104 Resp: 91578
Ion Ratio Lower Upper
104 100
78 49.9 32.4 60.2

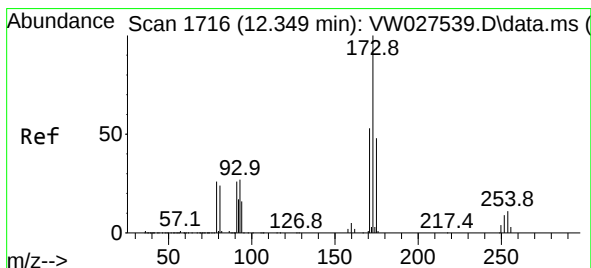
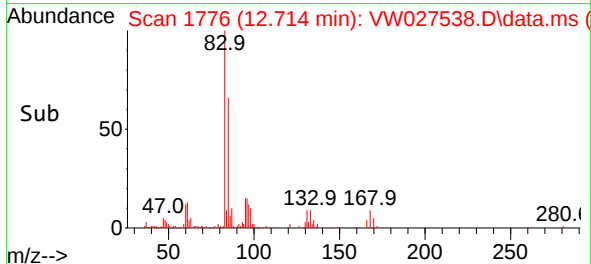
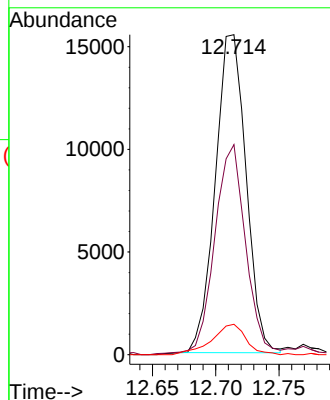
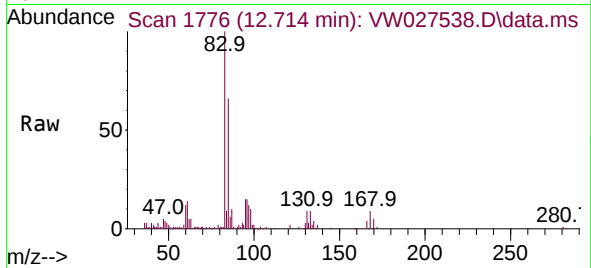




#57
1,1,2-Tetrachloroethane
Concen: 4.981 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

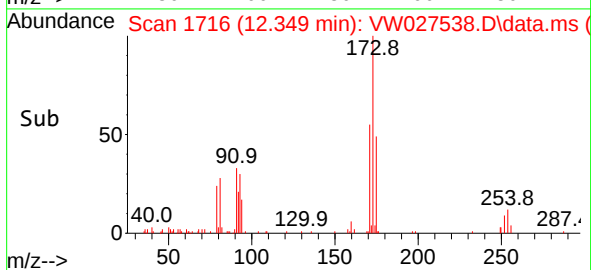
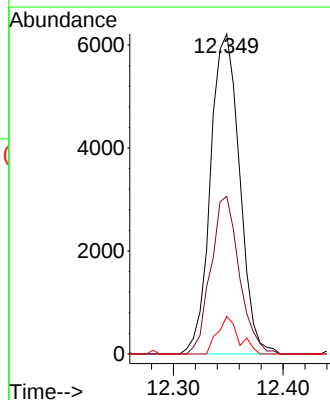
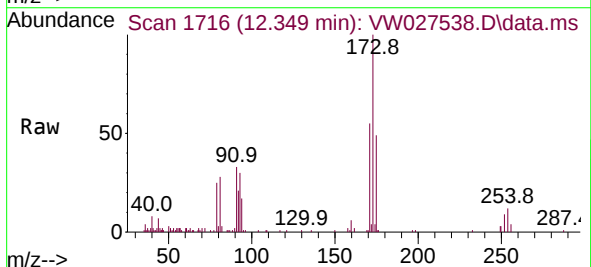
Instrument :
MSVOA_W
ClientSampleId :

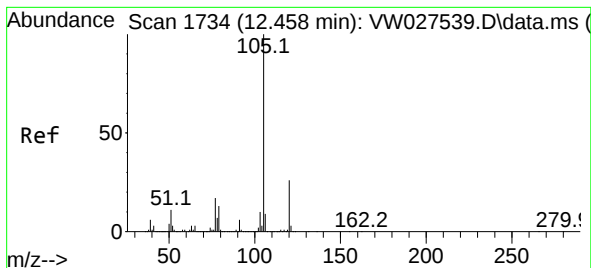
Tgt Ion: 83 Resp: 26204
Ion Ratio Lower Upper
83 100
85 65.7 44.6 82.8
131 9.5 7.3 10.9



#59
Bromoform
Concen: 4.851 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion: 173 Resp: 11469
Ion Ratio Lower Upper
173 100
175 48.1 40.6 61.0
254 7.2 7.8 11.6#





#60

Isopropylbenzene

Concen: 5.033 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

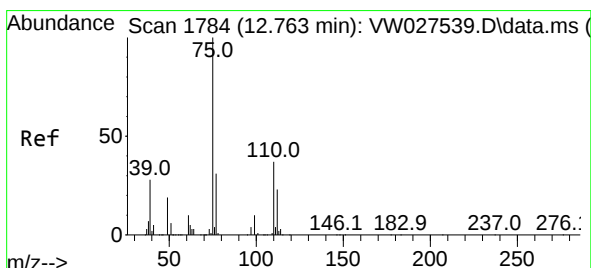
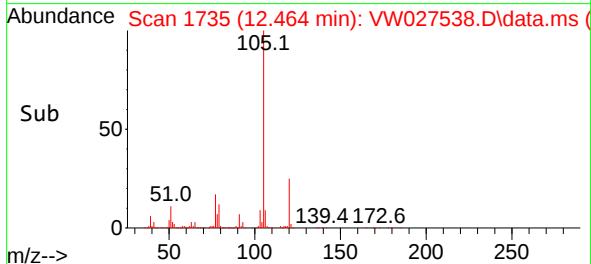
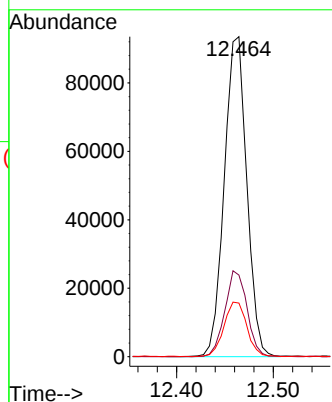
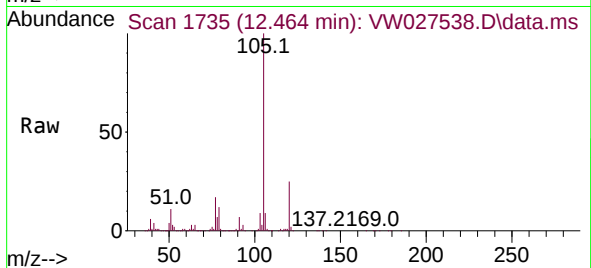
Tgt Ion:105 Resp: 150995

Ion Ratio Lower Upper

105 100

120 26.5 20.8 31.2

77 17.5 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.111 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

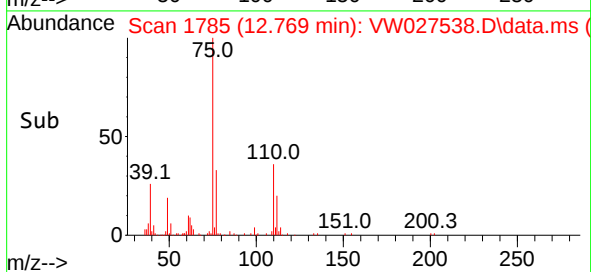
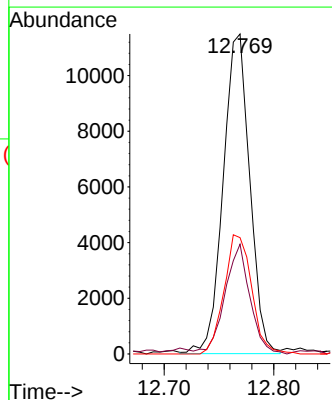
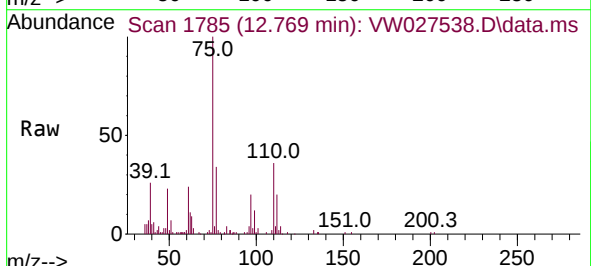
Tgt Ion: 75 Resp: 19312

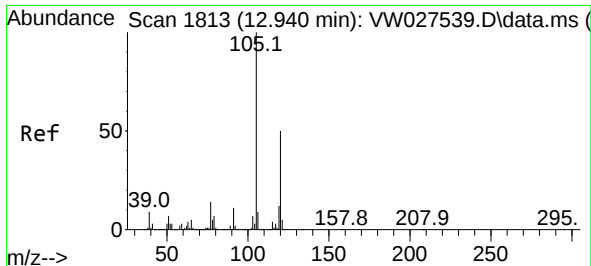
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

110 38.8 28.8 43.2





#62

1,3,5-Trimethylbenzene

Concen: 4.930 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

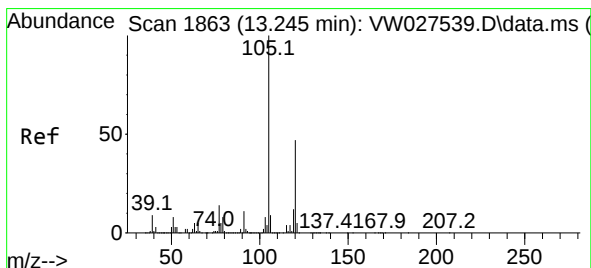
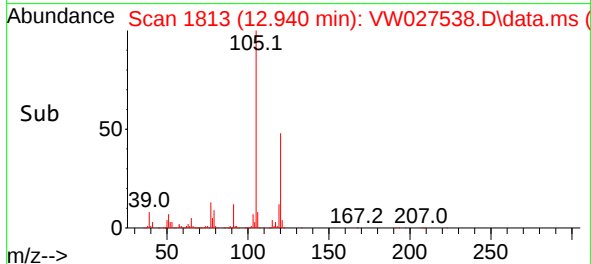
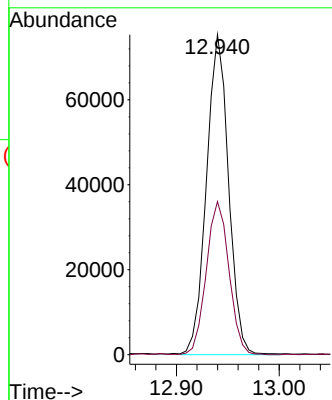
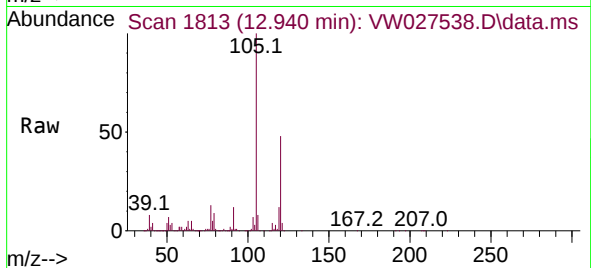
ClientSampleId :

Tgt Ion:105 Resp: 112780

Ion Ratio Lower Upper

105 100

120 49.1 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 4.941 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027538.D

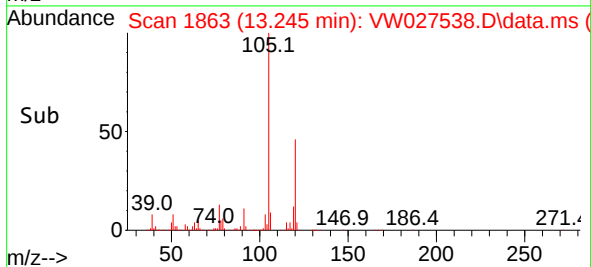
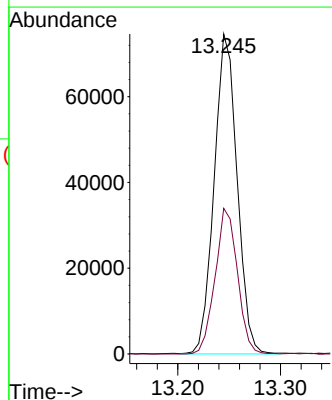
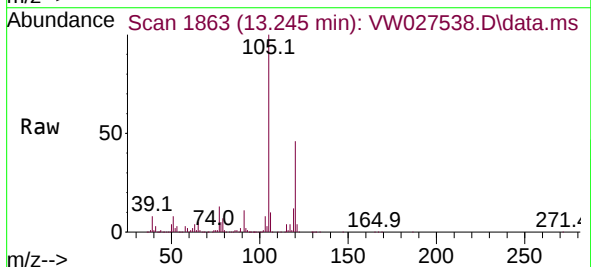
Acq: 06 Nov 2023 09:20

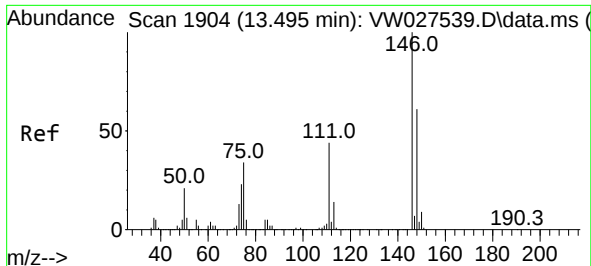
Tgt Ion:105 Resp: 115678

Ion Ratio Lower Upper

105 100

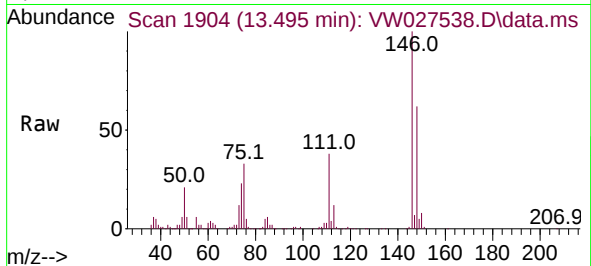
120 44.2 36.6 54.8



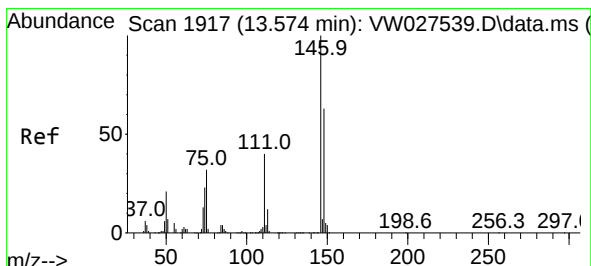
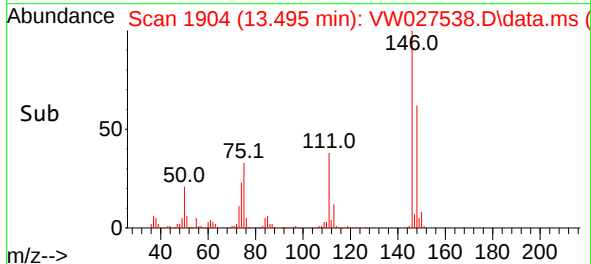
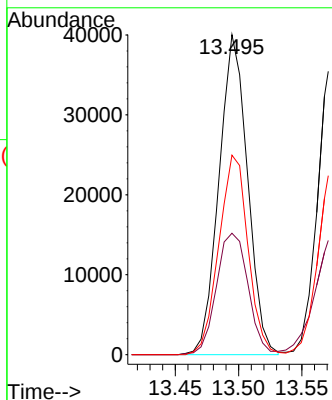


#64
1,3-Dichlorobenzene
Concen: 5.158 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Instrument :
MSVOA_W
ClientSampleId :

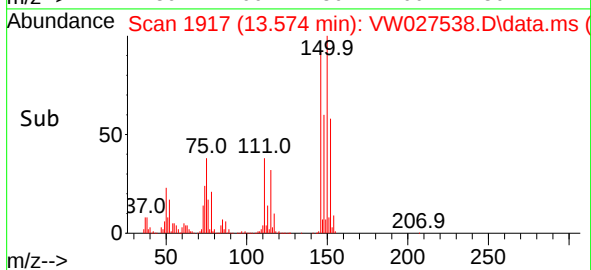
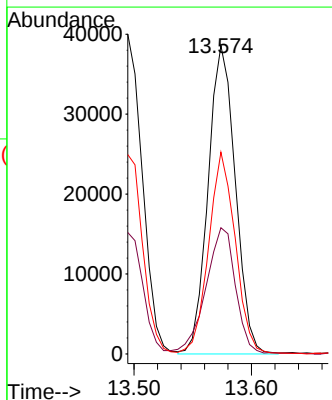
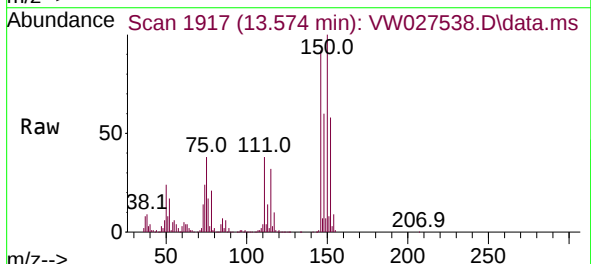


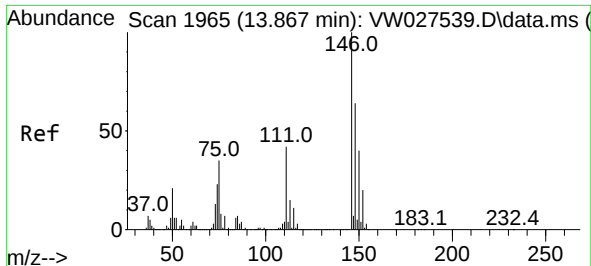
Tgt Ion:146 Resp: 62890
Ion Ratio Lower Upper
146 100
111 37.9 30.5 56.7
148 62.3 43.0 79.8



#65
1,4-Dichlorobenzene
Concen: 5.096 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027538.D
Acq: 06 Nov 2023 09:20

Tgt Ion:146 Resp: 62241
Ion Ratio Lower Upper
146 100
111 41.0 27.9 51.9
148 65.5 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 5.247 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027538.D

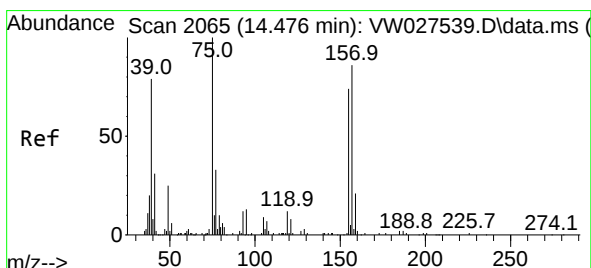
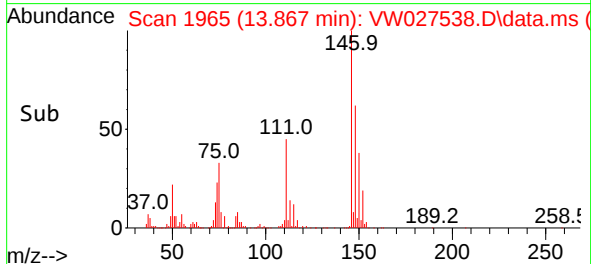
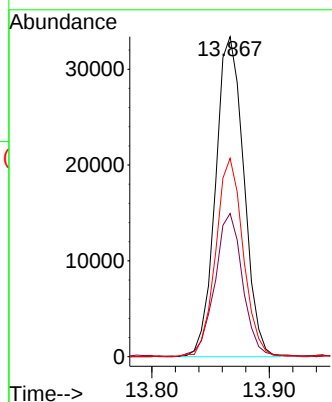
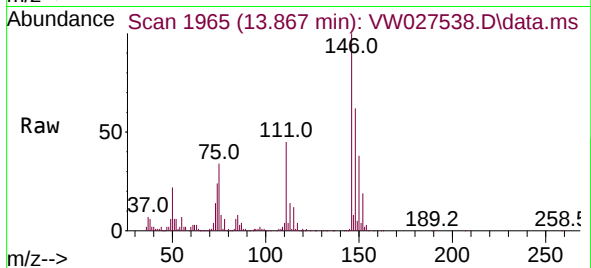
Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	55823
Ion Ratio	Lower	Upper	
146	100		
111	44.8	33.4	50.2
148	62.0	51.4	77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.862 ug/L

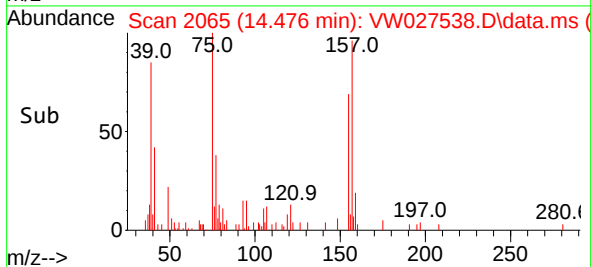
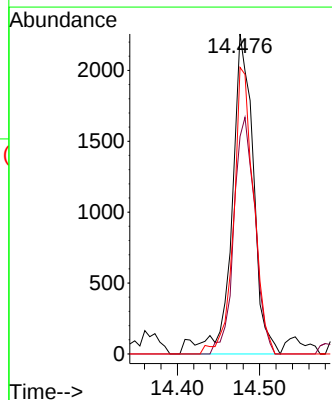
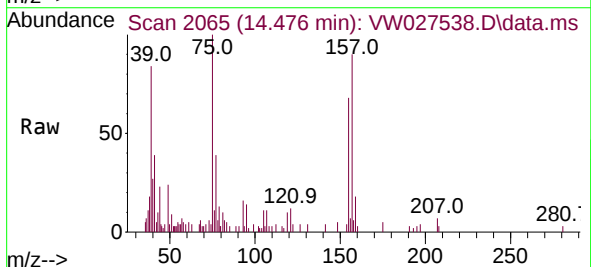
RT: 14.476 min Scan# 2065

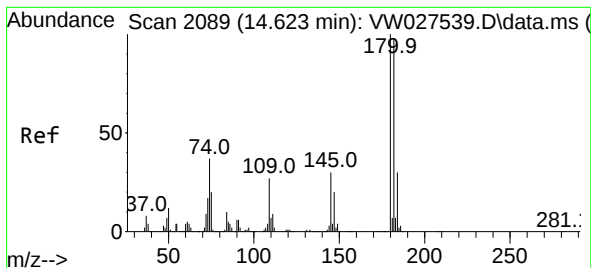
Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Tgt Ion:	75	Resp:	4101
Ion Ratio	Lower	Upper	
75	100		
155	68.0	59.0	88.6
157	89.5	68.6	102.8





#69

1,3,5-Trichlorobenzene

Concen: 5.371 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 42001

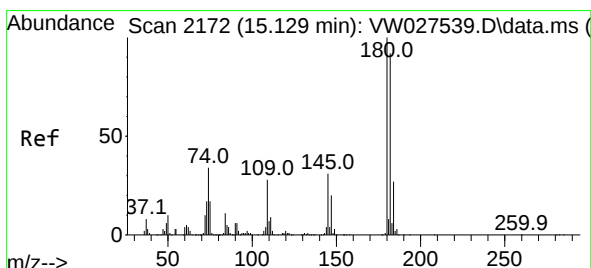
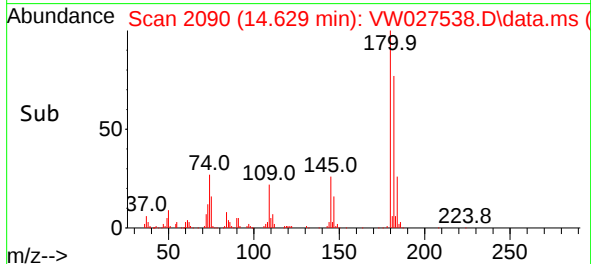
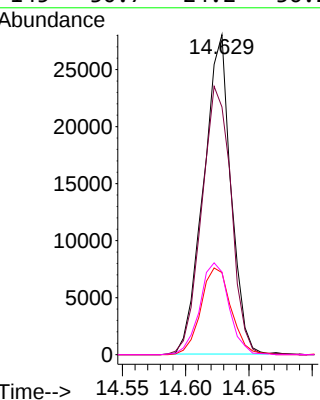
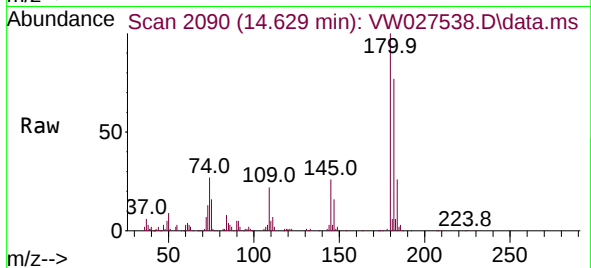
Ion Ratio Lower Upper

180 100

182 90.4 78.4 117.6

184 30.1 23.4 35.0

145 30.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.239 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

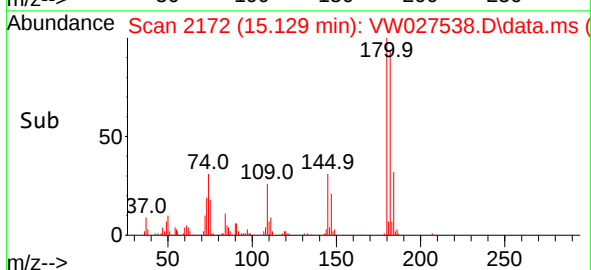
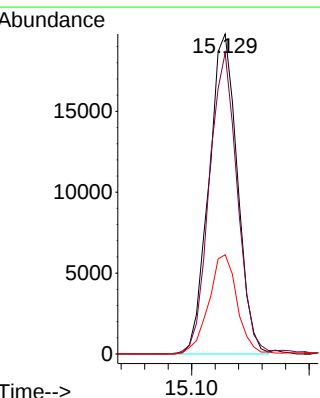
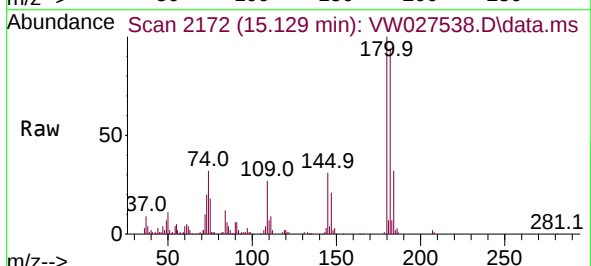
Tgt Ion:180 Resp: 33287

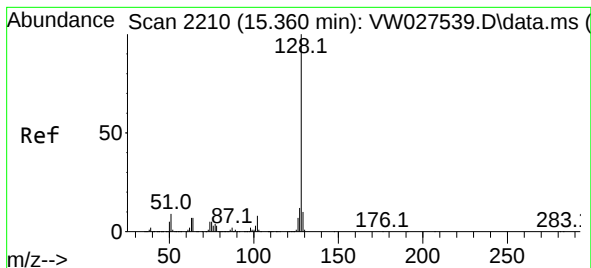
Ion Ratio Lower Upper

180 100

182 92.6 70.3 105.5

145 31.0 24.8 37.2





#71

Naphthalene

Concen: 4.872 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027538.D

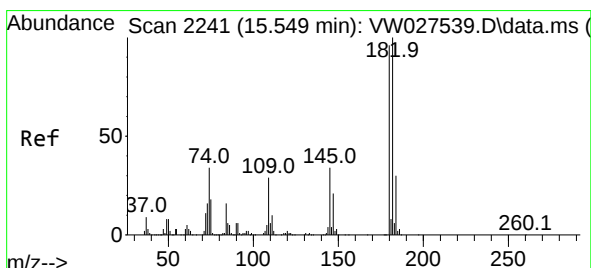
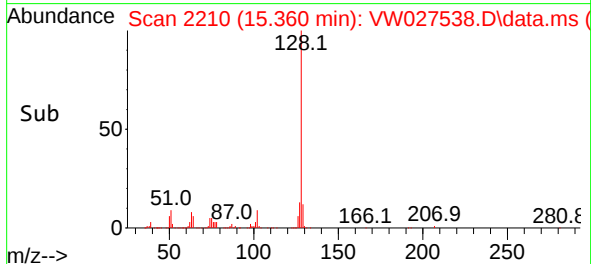
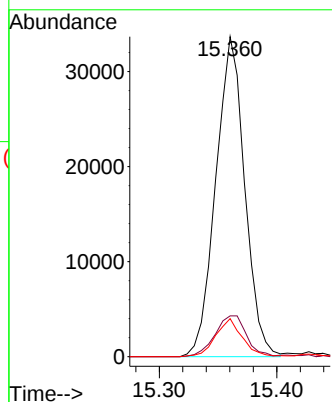
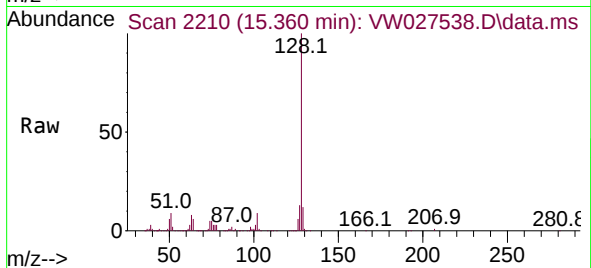
Acq: 06 Nov 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	57649
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	10.9	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 5.254 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027538.D

Acq: 06 Nov 2023 09:20

Tgt Ion:	180	Resp:	27766
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.5	114.7
145	35.1	27.5	41.3

