

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029167.D
 Acq On : 18 Jun 2024 09:55
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:52:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 00:51:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	238337	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222018	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109467	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	16168	4.901	ug/L	0.00
7) Chloroethane-d5	2.893	69	13359	4.871	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	8263	5.188	ug/L	0.00
21) 2-Butanone-d5	7.088	46	9597	9.724	ug/L	0.01
24) Chloroform-d	7.655	84	34968	4.918	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	20643	5.057	ug/L	0.00
32) Benzene-d6	8.276	84	65745	4.875	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	20926	4.882	ug/L	0.00
41) Toluene-d8	10.319	98	56238	4.714	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	8115	4.698	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	5679	8.558	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17131	5.021	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	18370	4.835	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	12439	5.102	ug/L	98
3) Chloromethane	2.216	50	19268	5.811	ug/L	99
5) Vinyl chloride	2.375	62	22271	5.849	ug/L	96
6) Bromomethane	2.783	94	13741	6.004	ug/L	97
8) Chloroethane	2.930	64	12887	5.534	ug/L	98
9) Trichlorofluoromethane	3.259	101	15940	5.364	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	14890	4.823	ug/L #	70
12) 1,1-Dichloroethene	4.039	96	14409	5.218	ug/L	93
13) Acetone	4.125	43	8268	9.857	ug/L	91
14) Carbon disulfide	4.393	76	51376	5.699	ug/L	99
15) Methyl Acetate	4.673	43	8874	5.329	ug/L	95
16) Methylene chloride	4.917	84	26538	6.332	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	16179	5.275	ug/L	93
18) Methyl tert-butyl Ether	5.545	73	90	0.018	ug/L #	1
19) 1,1-Dichloroethane	6.222	63	35295	5.329	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	17094	5.054	ug/L	95
22) 2-Butanone	7.179	43	11516	10.042	ug/L	100
23) Bromochloromethane	7.520	128	8175	5.430	ug/L	89
25) Chloroform	7.679	83	34032	5.262	ug/L	98
27) 1,2-Dichloroethane	8.398	62	25748	5.397	ug/L	98
29) Cyclohexane	7.953	56	25071	4.940	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	26829	5.434	ug/L	97
31) Carbon tetrachloride	8.069	117	23888	5.297	ug/L	97
33) Benzene	8.319	78	71790	5.382	ug/L	100
34) Trichloroethene	9.093	95	19274	5.416	ug/L	93
35) Methylcyclohexane	9.337	83	28272	5.051	ug/L	96
37) 1,2-Dichloropropane	9.368	63	20166	5.378	ug/L	97
38) Bromodichloromethane	9.642	83	23346	5.094	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	25929	4.893	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	22370	9.628	ug/L	97
42) Toluene	10.386	91	70085	5.110	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	21463	4.797	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029167.D
 Acq On : 18 Jun 2024 09:55
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:52:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 00:51:34 2024
 Response via : Initial Calibration

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

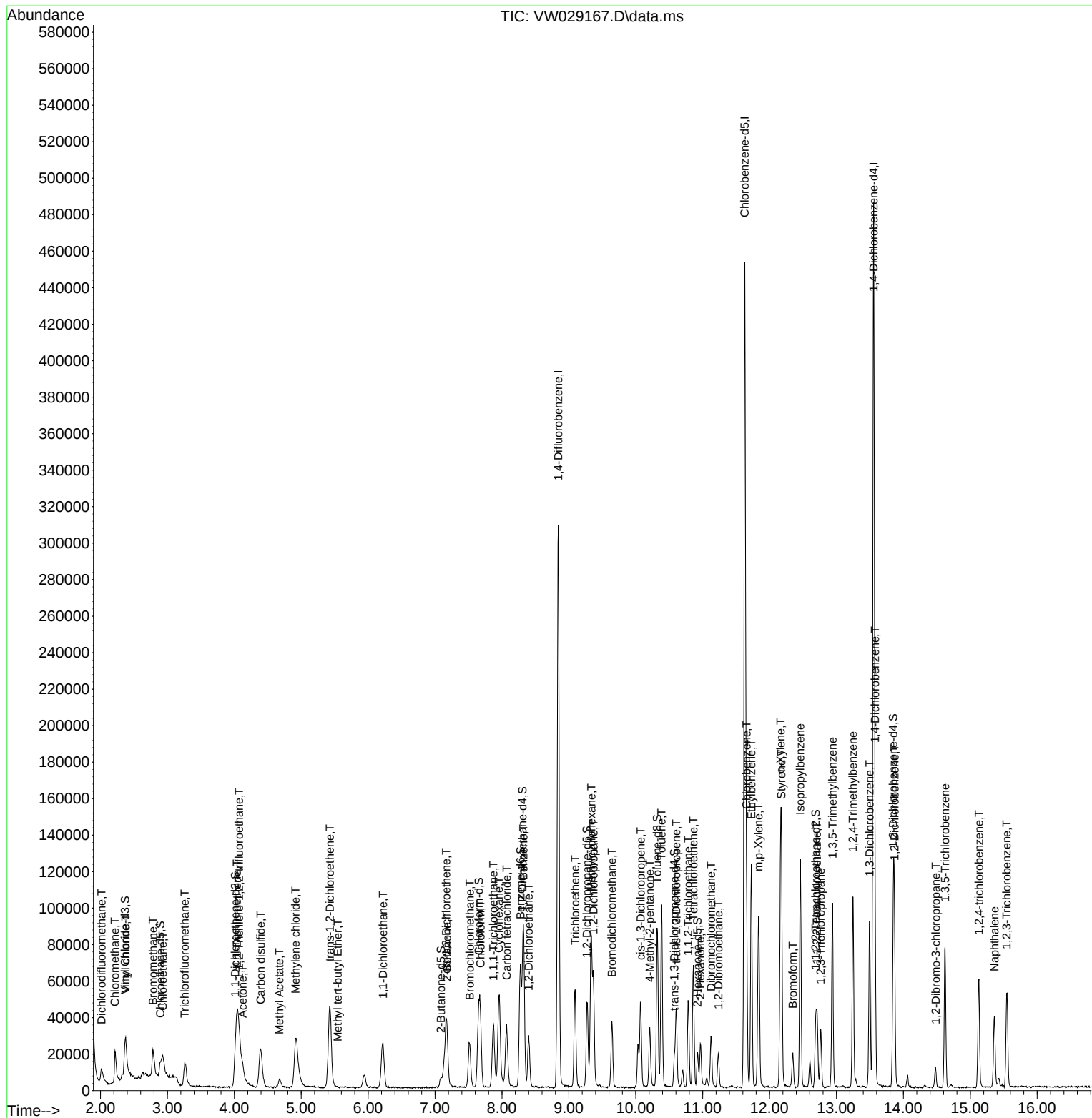
45) 1,1,2-Trichloroethane	10.782	97	14068	5.389	ug/L	96
46) Tetrachloroethene	10.861	164	13179	5.297	ug/L	98
48) 2-Hexanone	10.965	43	14917	9.048	ug/L	98
49) Dibromochloromethane	11.123	129	13795	5.055	ug/L	93
50) 1,2-Dibromoethane	11.233	107	12334	5.263	ug/L #	93
51) Chlorobenzene	11.654	112	47290	5.310	ug/L	99
52) Ethylbenzene	11.727	91	77550	4.982	ug/L	99
53) m,p-Xylene	11.837	106	28013	4.927	ug/L	84
54) o-Xylene	12.166	106	26407	4.969	ug/L	97
55) Styrene	12.178	104	45383	4.898	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.709	83	17213	5.330	ug/L	98
59) Bromoform	12.349	173	8115	5.409	ug/L #	98
60) Isopropylbenzene	12.459	105	72312	4.958	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	13115	5.493	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	49279	4.665	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	51870	4.564	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	32050	5.078	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	36768	5.475	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	30305	5.193	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	3067	5.504	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	21944	5.151	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	17091	4.949	ug/L	93
71) Naphthalene	15.360	128	30620	4.492	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	16433	5.223	ug/L	98

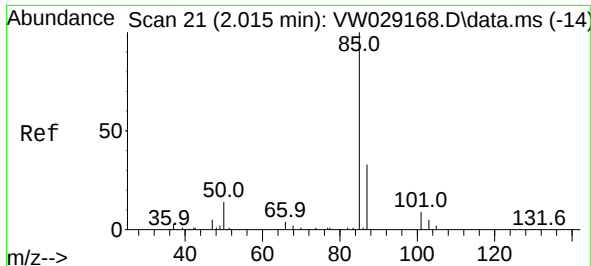
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
Data File : VW029167.D
Acq On : 18 Jun 2024 09:55
Operator : SY/MD
Sample : VSTD005
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 19 00:52:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 00:51:34 2024
Response via : Initial Calibration

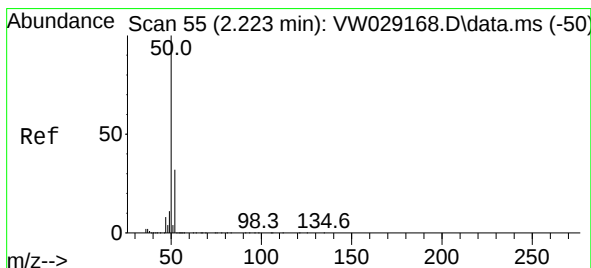
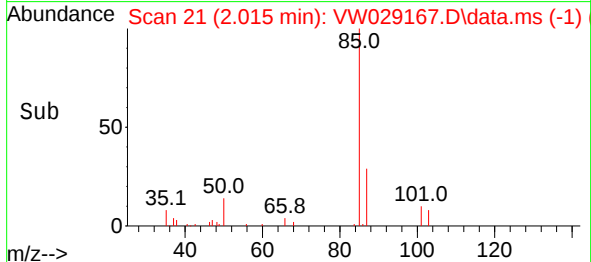
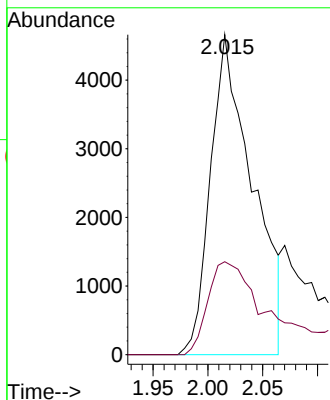
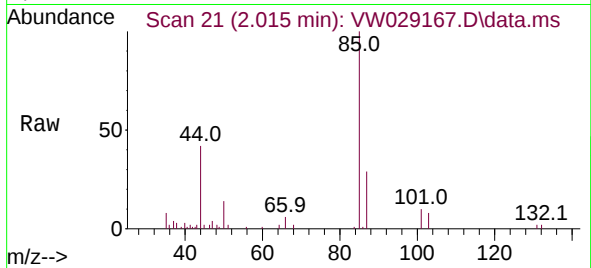




#2
 Dichlorodifluoromethane
 Concen: 5.102 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029167.D
 Acq: 18 Jun 2024 09:55

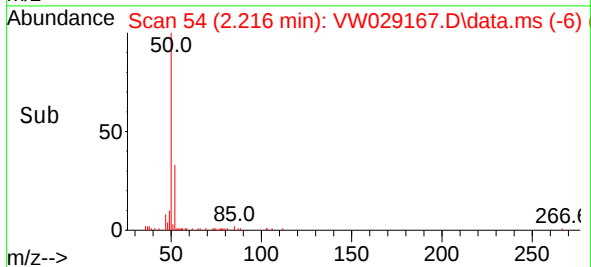
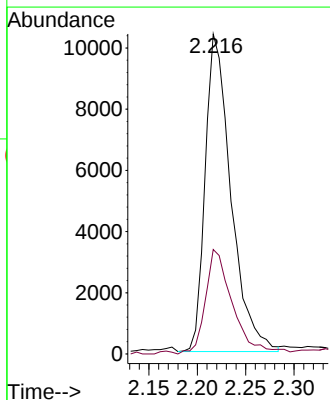
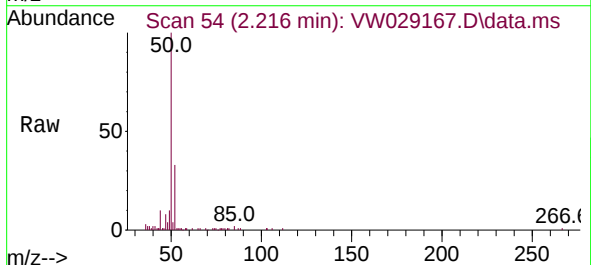
Instrument :
 MSVOA_W
 ClientSampleId :

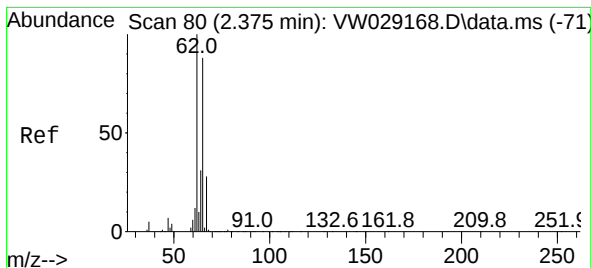
Tgt Ion: 85 Resp: 12439
 Ion Ratio Lower Upper
 85 100
 87 28.6 23.8 35.6



#3
 Chloromethane
 Concen: 5.811 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW029167.D
 Acq: 18 Jun 2024 09:55

Tgt Ion: 50 Resp: 19268
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.3 41.5





#5

Vinyl chloride

Concen: 5.849 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

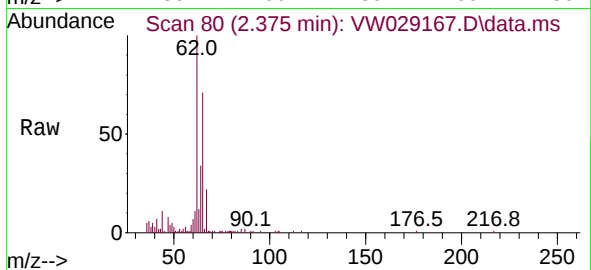
Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

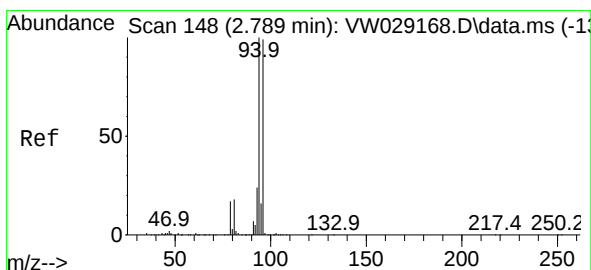
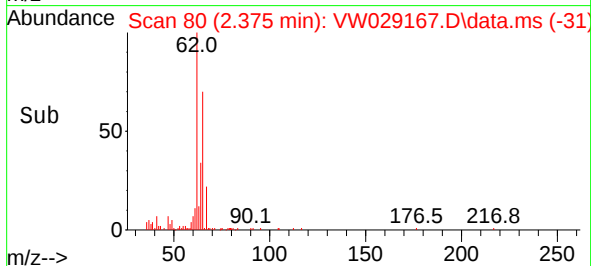
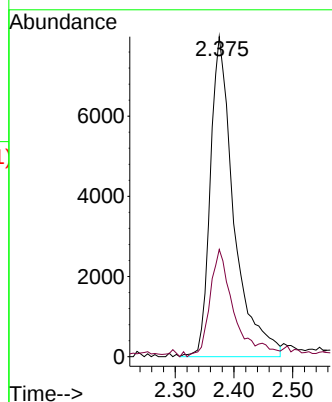


Tgt Ion: 62 Resp: 22271

Ion Ratio Lower Upper

62 100

64 33.5 22.0 40.8



#6

Bromomethane

Concen: 6.004 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW029167.D

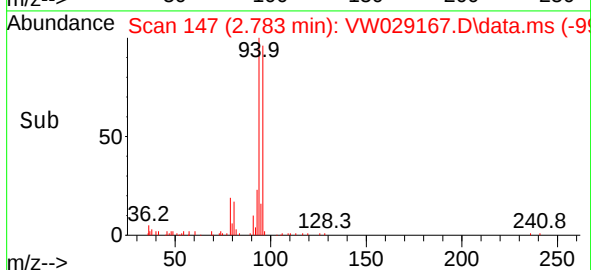
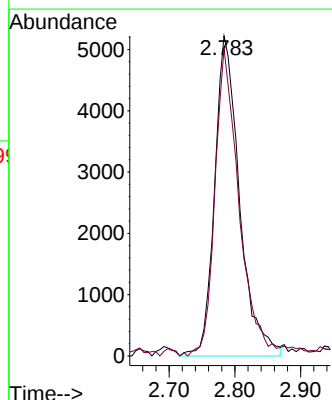
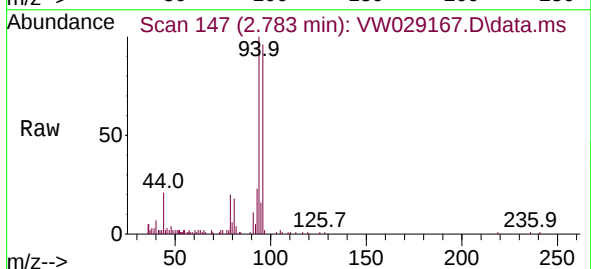
Acq: 18 Jun 2024 09:55

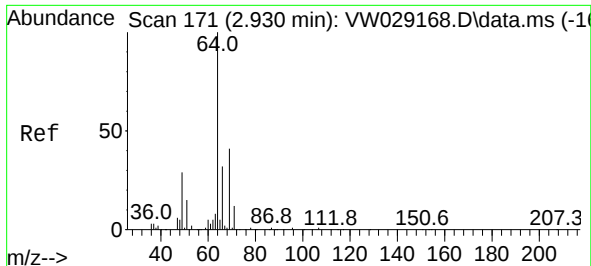
Tgt Ion: 94 Resp: 13741

Ion Ratio Lower Upper

94 100

96 96.1 69.5 129.1

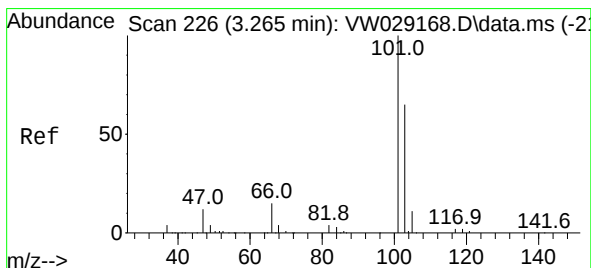
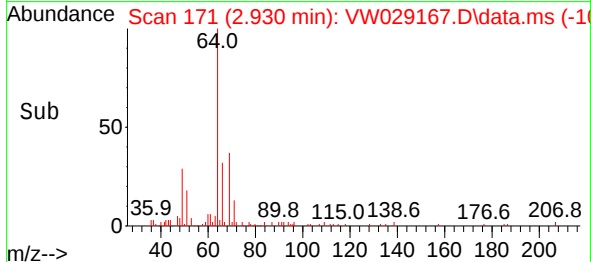
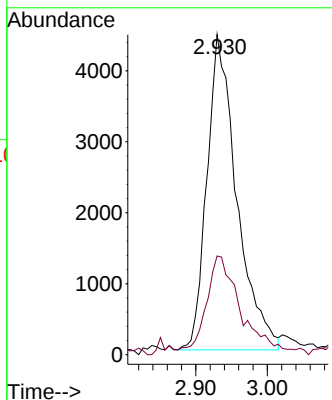
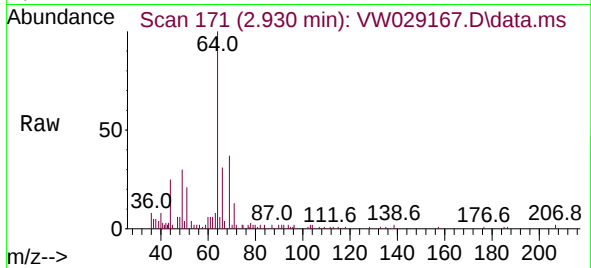




#8
Chloroethane
Concen: 5.534 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

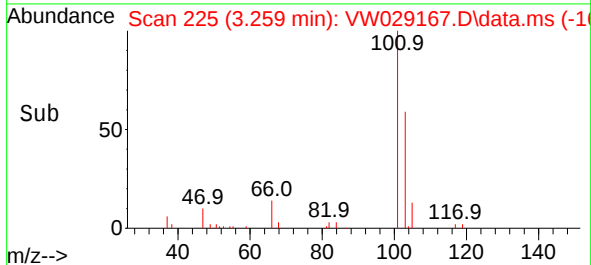
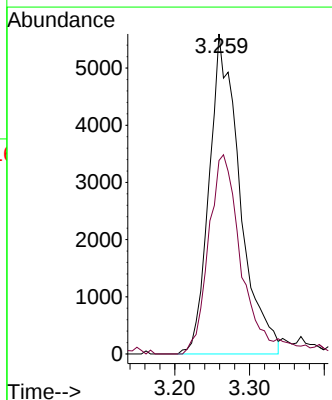
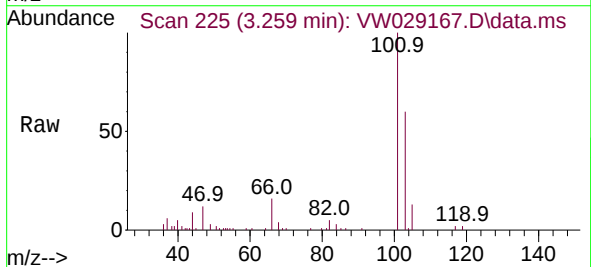
Instrument :
MSVOA_W
ClientSampleId :

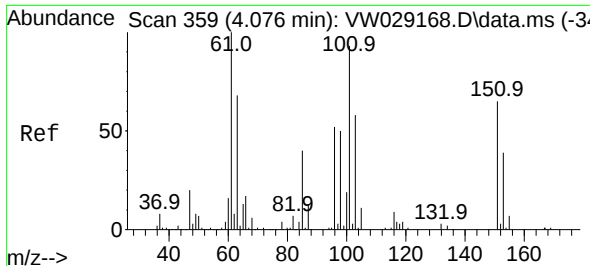
Tgt Ion: 64 Resp: 12887
Ion Ratio Lower Upper
64 100
66 30.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.364 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

Tgt Ion:101 Resp: 15940
Ion Ratio Lower Upper
101 100
103 64.6 50.8 76.2





#10

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

Concen: 4.823 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

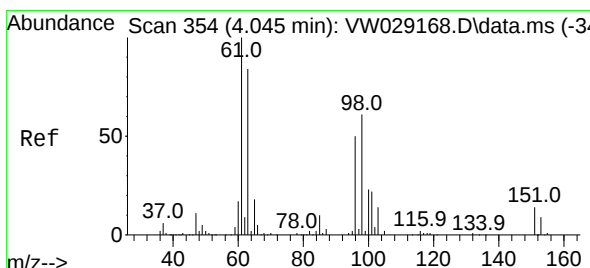
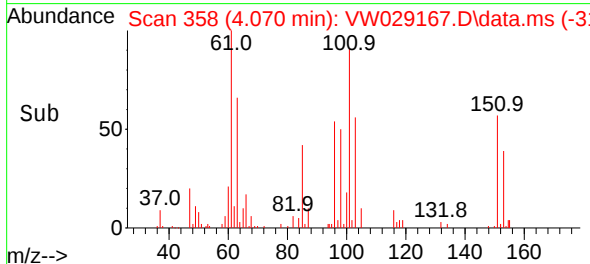
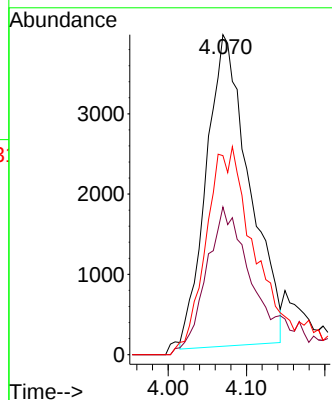
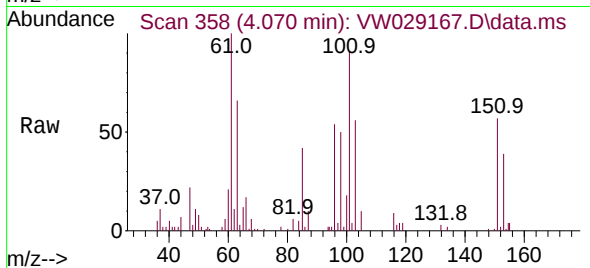
Tgt Ion:101 Resp: 14890

Ion Ratio Lower Upper

101 100

85 46.9 30.2 45.2#

151 35.4 52.2 78.4#



#12

1,1-Dichloroethene

Concen: 5.218 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

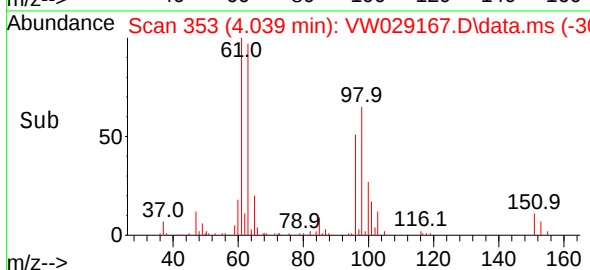
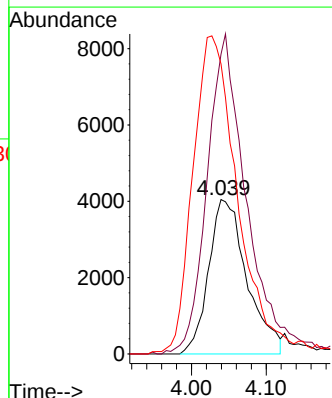
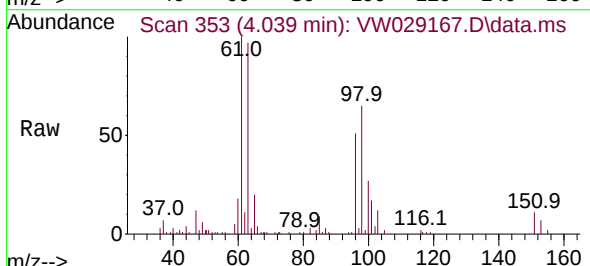
Tgt Ion: 96 Resp: 14409

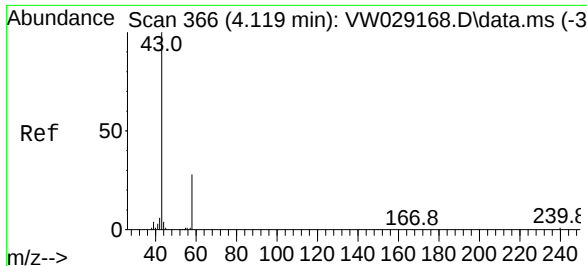
Ion Ratio Lower Upper

96 100

61 194.2 140.1 260.3

63 187.9 122.0 226.6

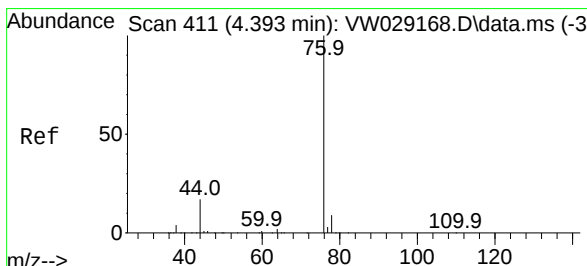
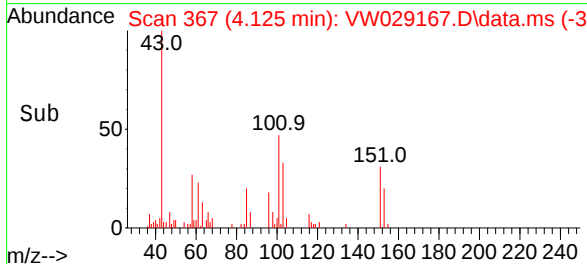
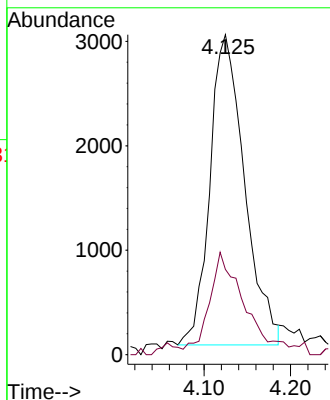
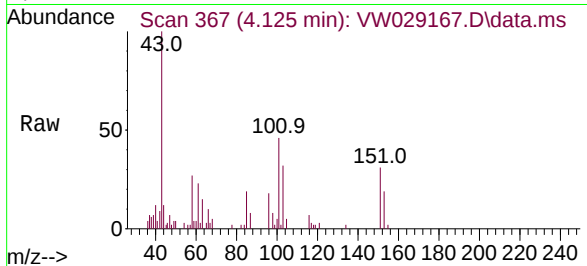




#13
Acetone
Concen: 9.857 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

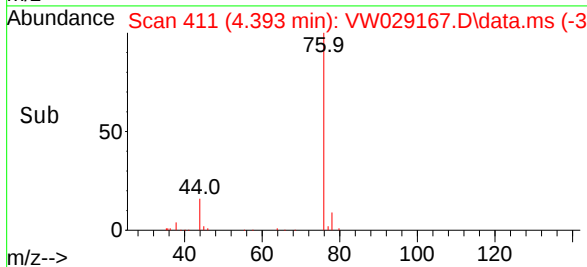
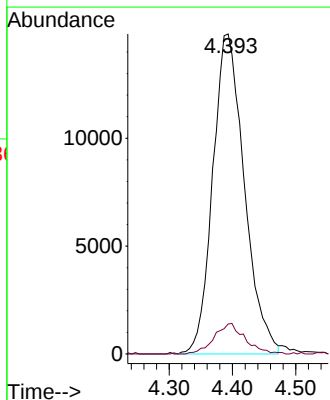
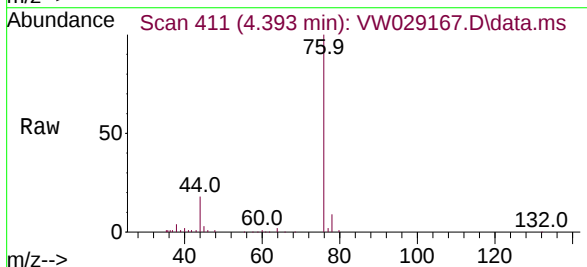
Instrument :
MSVOA_W
ClientSampleId :

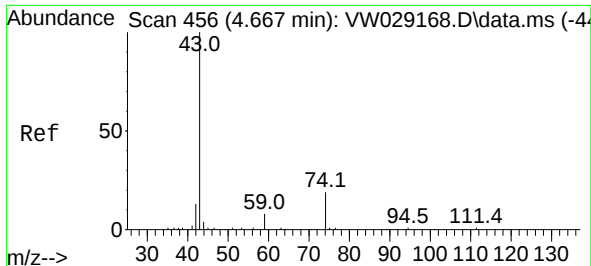
Tgt Ion: 43 Resp: 8268
Ion Ratio Lower Upper
43 100
58 25.7 0.0 61.4



#14
Carbon disulfide
Concen: 5.699 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

Tgt Ion: 76 Resp: 51376
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





#15

Methyl Acetate

Concen: 5.329 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

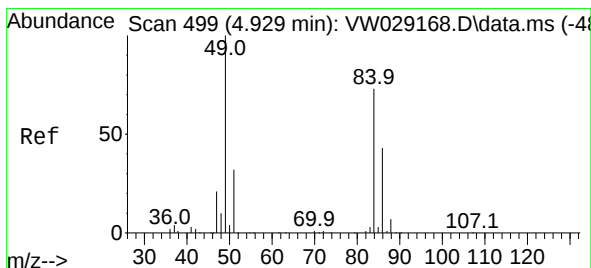
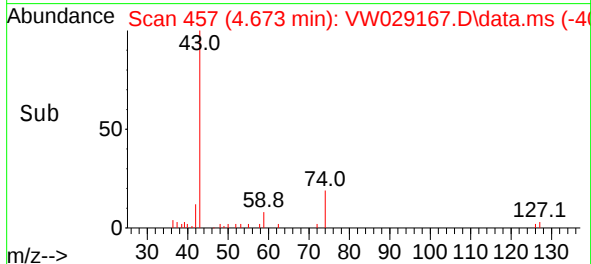
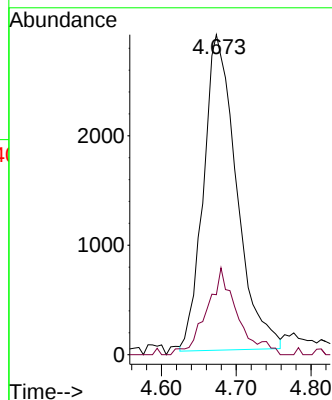
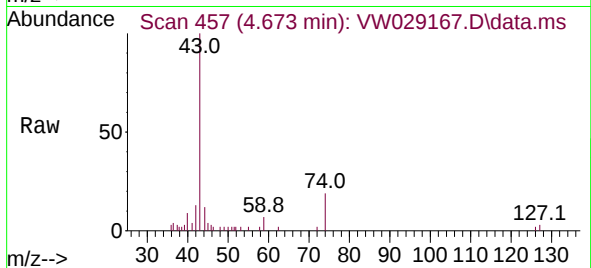
ClientSampleId :

Tgt Ion: 43 Resp: 8874

Ion Ratio Lower Upper

43 100

74 23.3 16.6 25.0



#16

Methylene chloride

Concen: 6.332 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.012 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

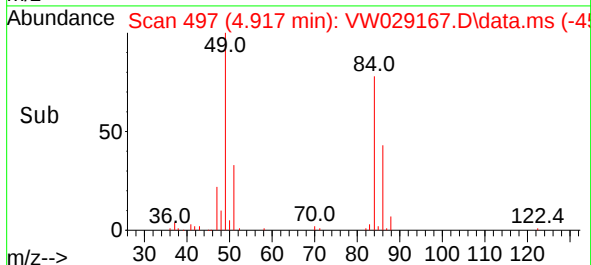
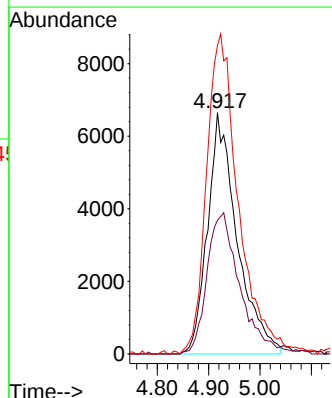
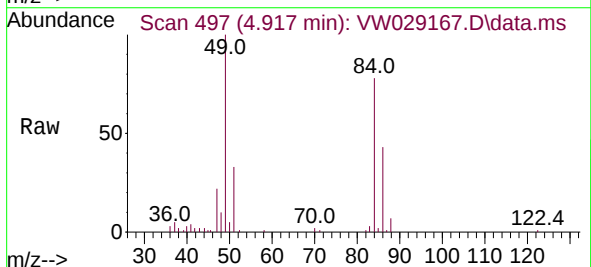
Tgt Ion: 84 Resp: 26538

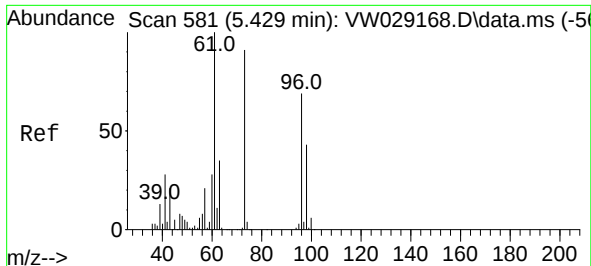
Ion Ratio Lower Upper

84 100

86 55.5 41.4 77.0

49 127.8 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 5.275 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

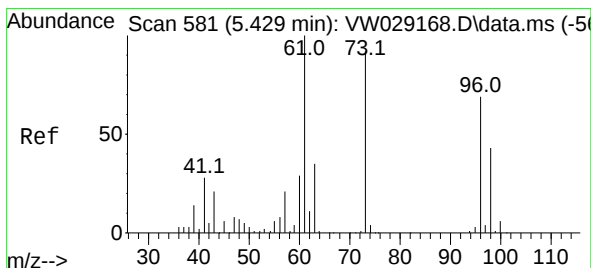
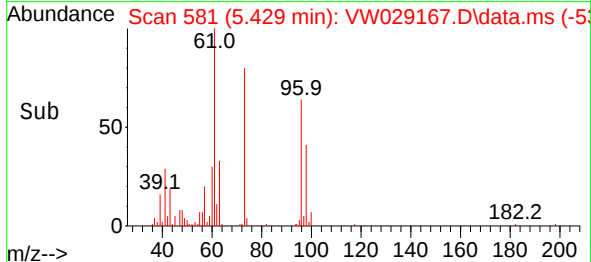
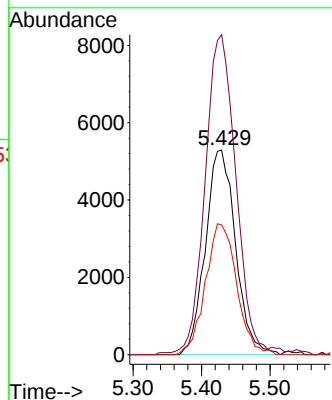
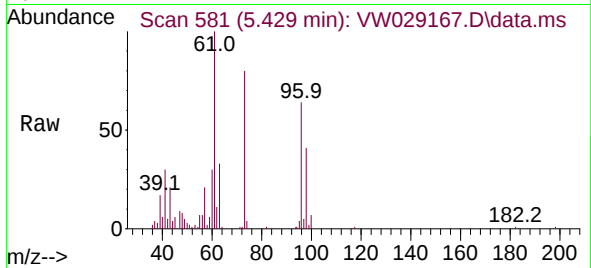
Tgt Ion: 96 Resp: 16179

Ion Ratio Lower Upper

96 100

61 156.4 101.5 188.5

98 63.4 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 0.018 ug/L

RT: 5.545 min Scan# 600

Delta R.T. 0.116 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

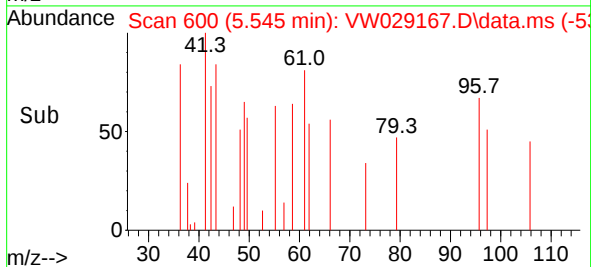
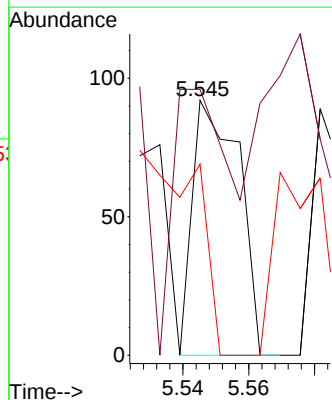
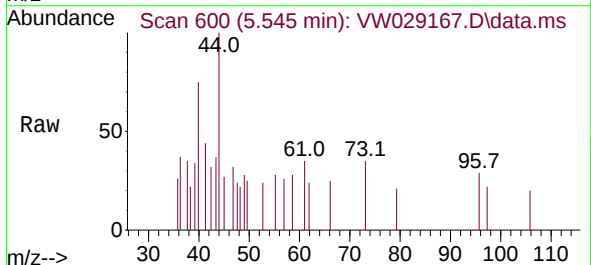
Tgt Ion: 73 Resp: 90

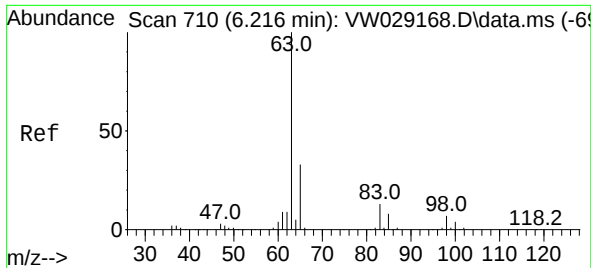
Ion Ratio Lower Upper

73 100

43 132.2 19.5 29.3#

57 27.8 18.4 27.6#

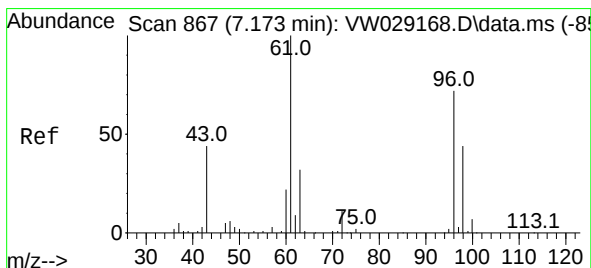
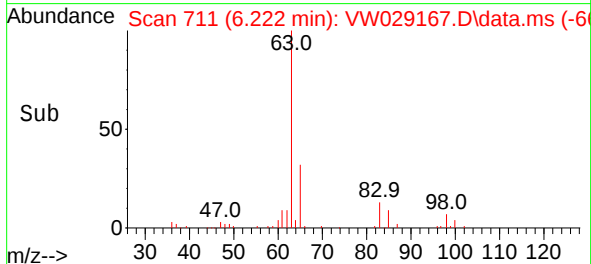
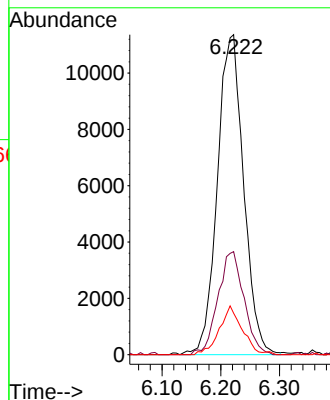
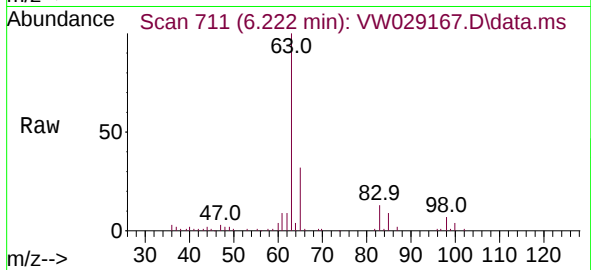




#19
1,1-Dichloroethane
Concen: 5.329 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

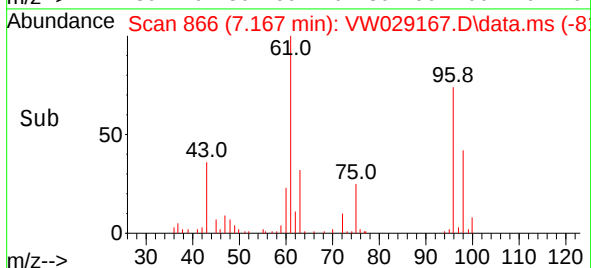
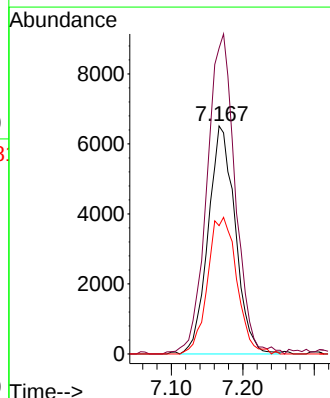
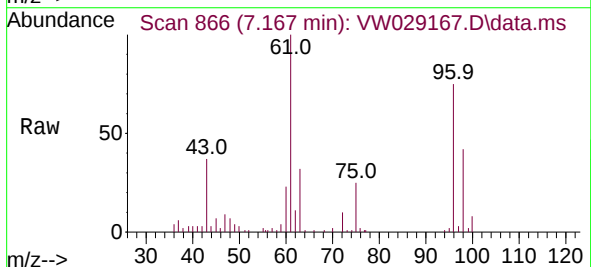
Instrument :
MSVOA_W
ClientSampleId :

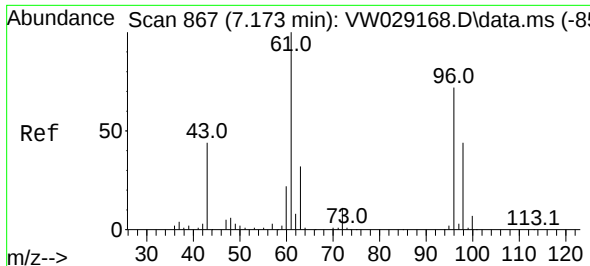
Tgt Ion: 63 Resp: 35295
Ion Ratio Lower Upper
63 100
65 32.2 23.4 43.4
83 13.0 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 5.054 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

Tgt Ion: 96 Resp: 17094
Ion Ratio Lower Upper
96 100
61 134.1 97.8 181.6
98 56.2 43.0 79.8

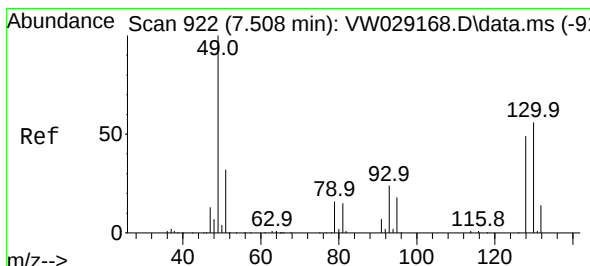
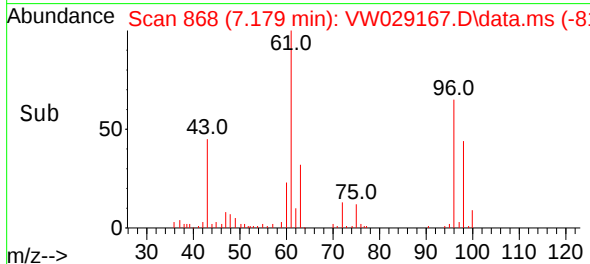
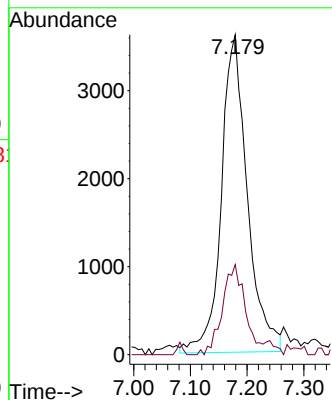
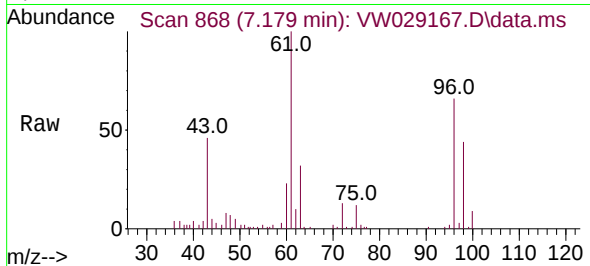




#22
2-Butanone
Concen: 10.042 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

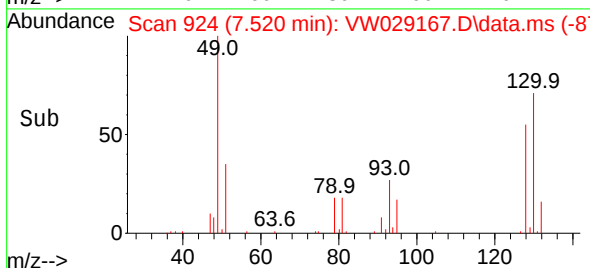
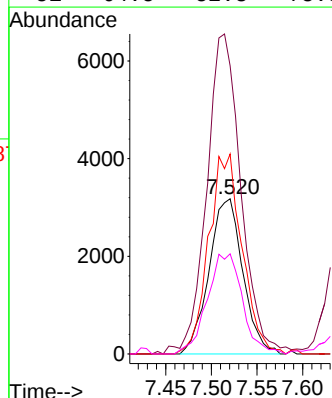
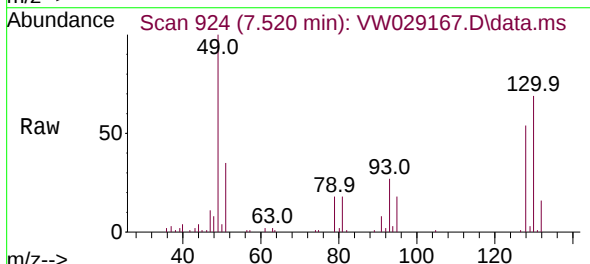
Instrument :
MSVOA_W
ClientSampleId :

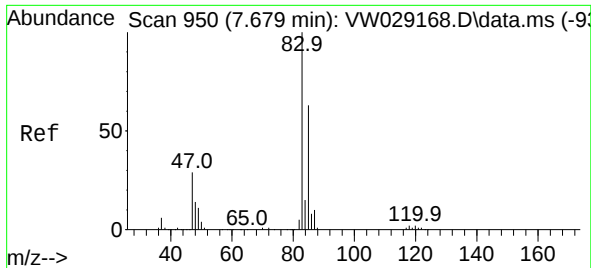
Tgt Ion: 43 Resp: 11516
Ion Ratio Lower Upper
43 100
72 23.9 11.9 35.7



#23
Bromochloromethane
Concen: 5.430 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.012 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

Tgt Ion:128 Resp: 8175
Ion Ratio Lower Upper
128 100
49 185.7 142.6 264.8
130 128.9 79.7 148.1
51 64.5 52.3 78.5

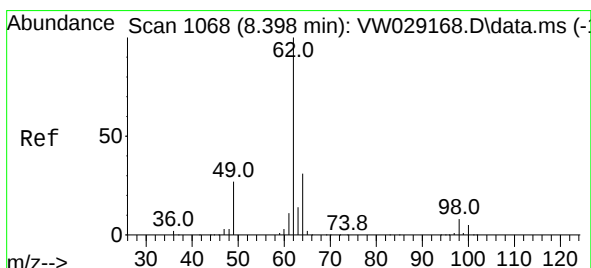
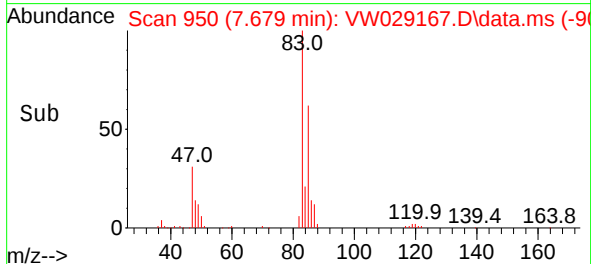
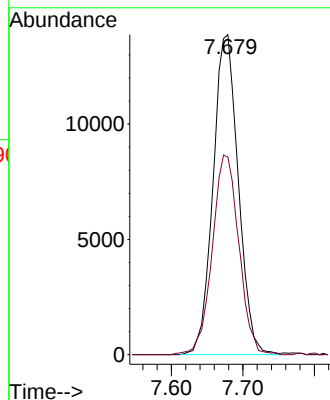
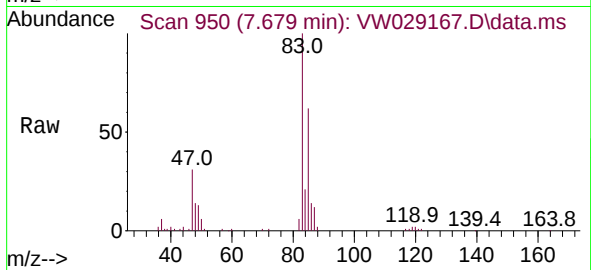




#25
Chloroform
Concen: 5.262 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

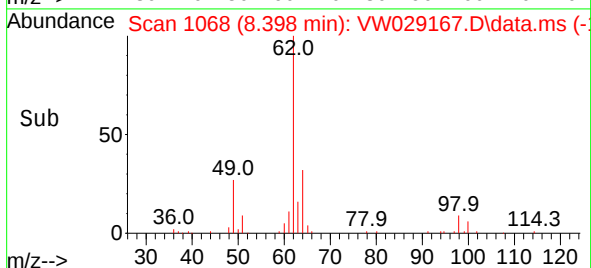
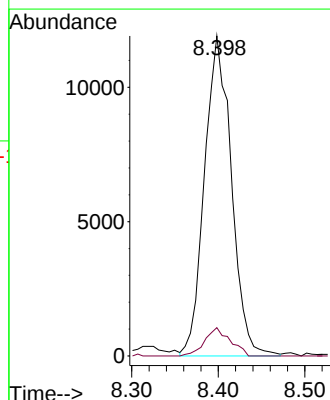
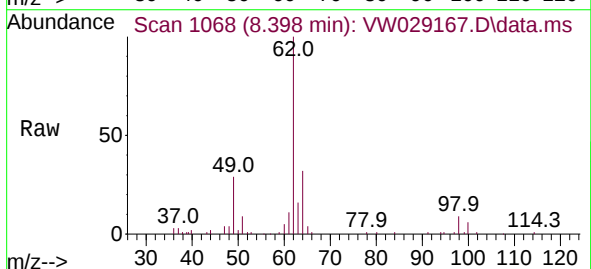
Instrument :
MSVOA_W
ClientSampleId :

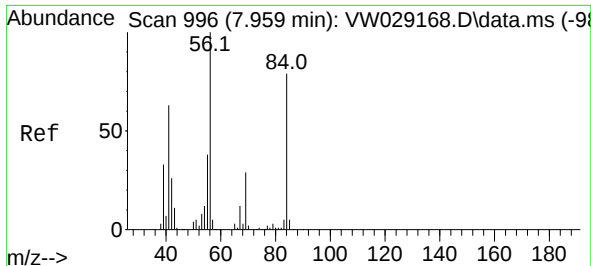
Tgt Ion: 83 Resp: 34032
Ion Ratio Lower Upper
83 100
85 61.8 44.4 82.4



#27
1,2-Dichloroethane
Concen: 5.397 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

Tgt Ion: 62 Resp: 25748
Ion Ratio Lower Upper
62 100
98 8.8 6.6 10.0





#29

Cyclohexane

Concen: 4.940 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

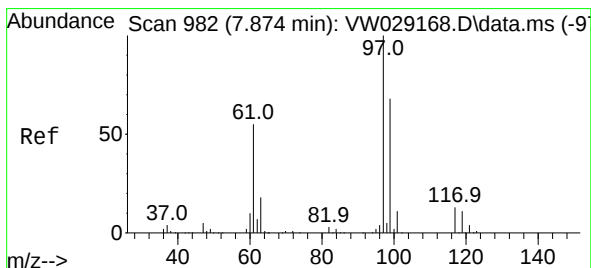
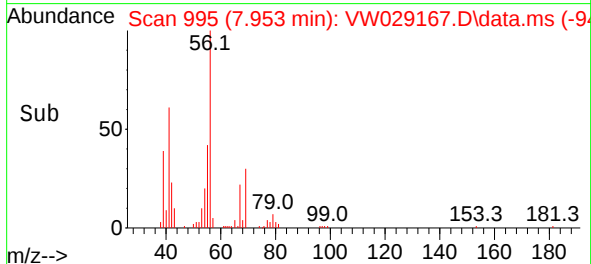
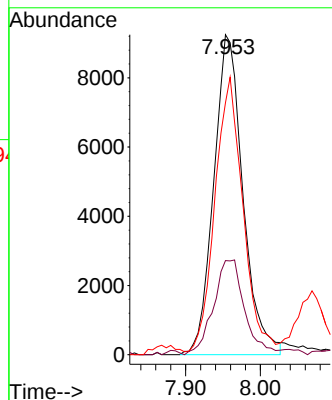
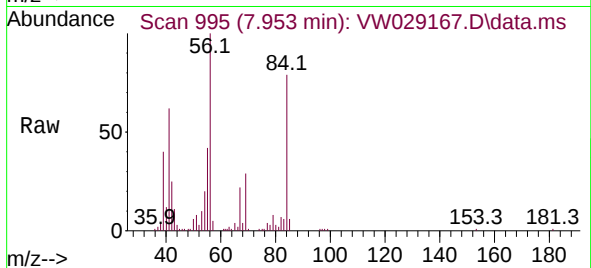
Tgt Ion: 56 Resp: 25071

Ion Ratio Lower Upper

56 100

69 31.3 23.4 35.0

84 84.3 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 5.434 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

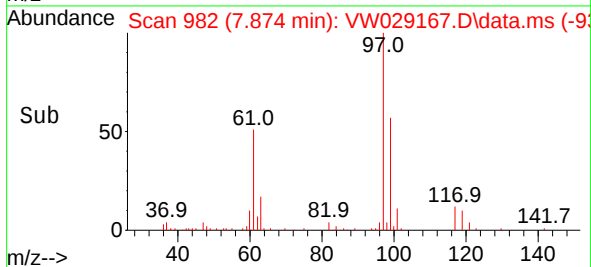
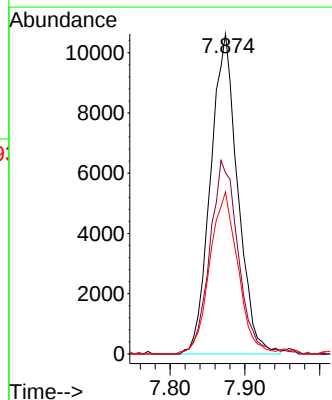
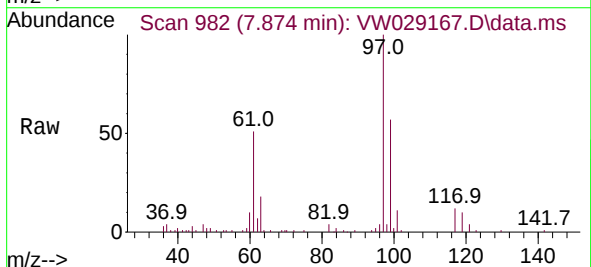
Tgt Ion: 97 Resp: 26829

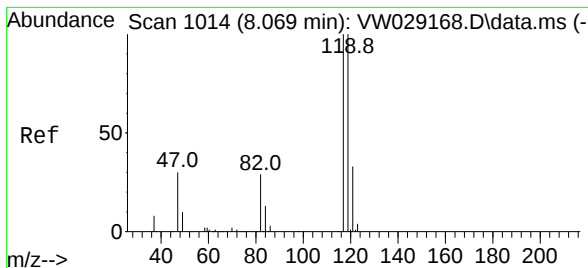
Ion Ratio Lower Upper

97 100

99 62.8 53.0 79.4

61 52.3 43.0 64.4





#31

Carbon tetrachloride

Concen: 5.297 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

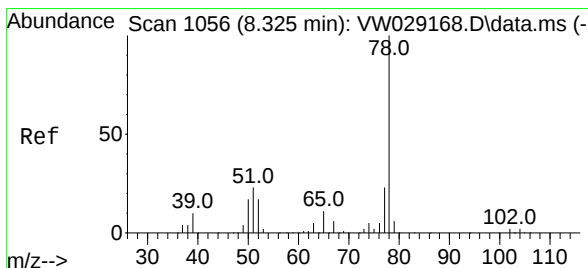
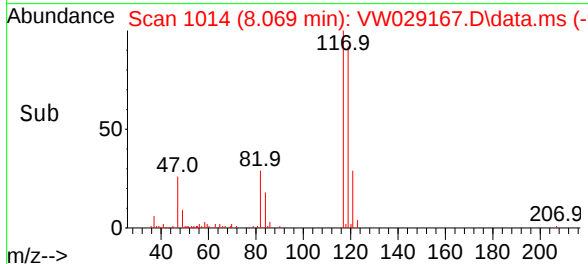
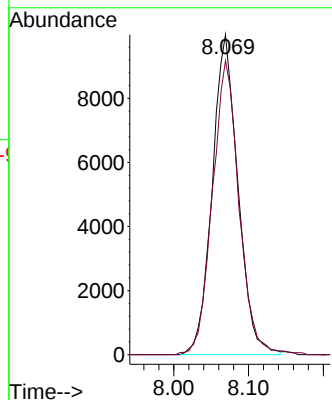
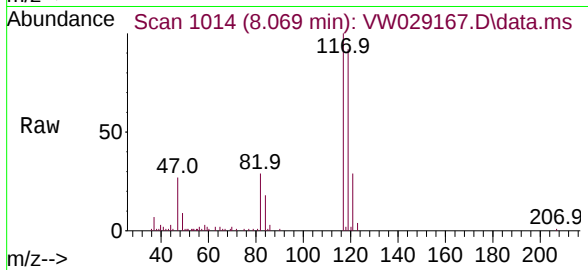
ClientSampleId :

Tgt Ion:117 Resp: 23888

Ion Ratio Lower Upper

117 100

119 95.2 79.0 118.4



#33

Benzene

Concen: 5.382 ug/L

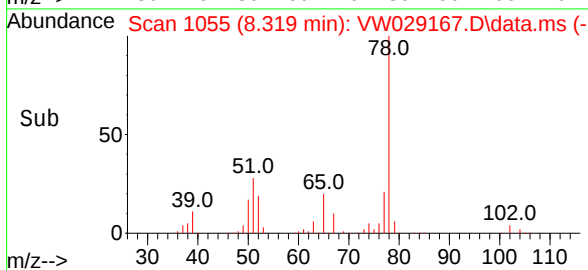
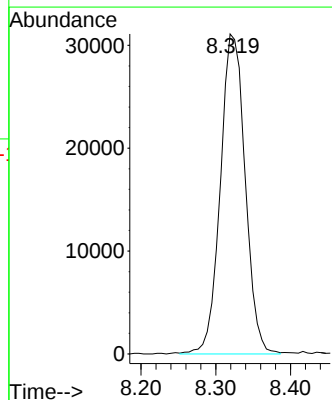
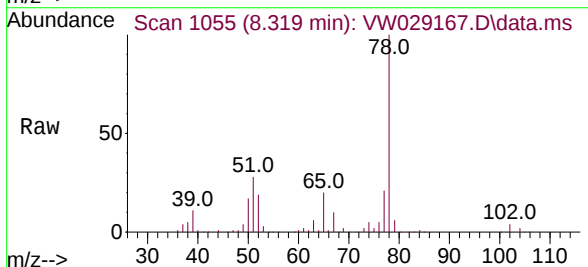
RT: 8.319 min Scan# 1055

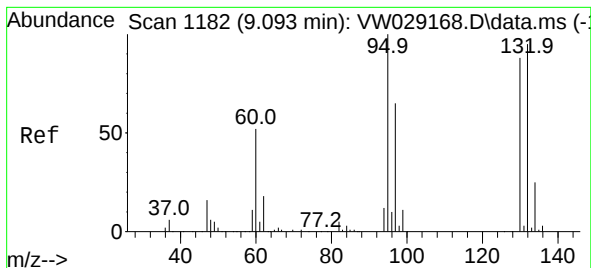
Delta R.T. -0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Tgt Ion: 78 Resp: 71790





#34

Trichloroethene

Concen: 5.416 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 19274

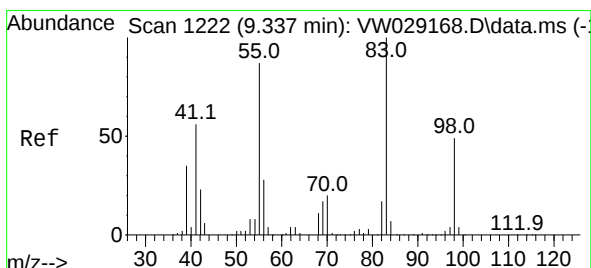
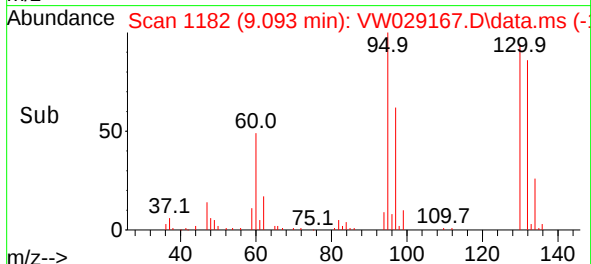
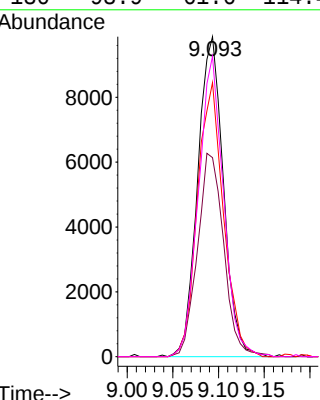
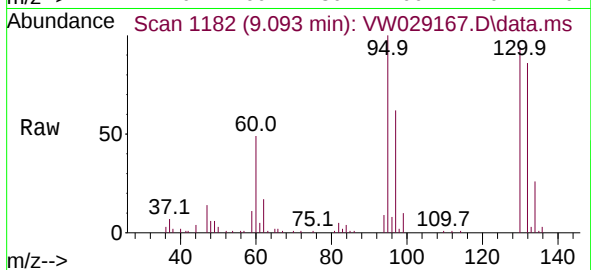
Ion Ratio Lower Upper

95 100

97 62.2 45.7 84.9

132 85.7 66.4 123.4

130 93.9 61.6 114.4



#35

Methylcyclohexane

Concen: 5.051 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

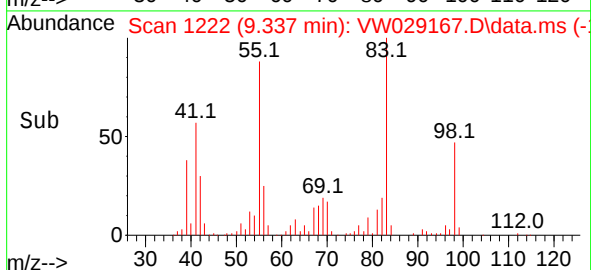
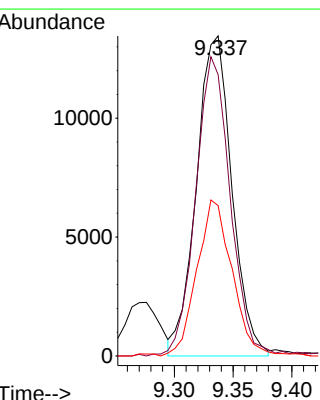
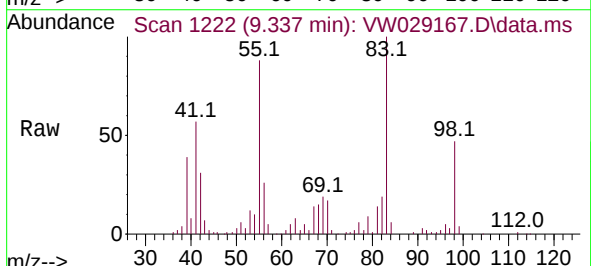
Tgt Ion: 83 Resp: 28272

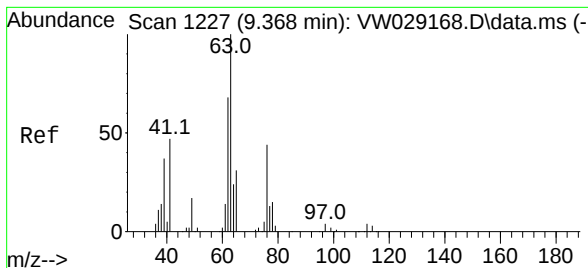
Ion Ratio Lower Upper

83 100

55 91.3 69.5 104.3

98 48.5 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.378 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

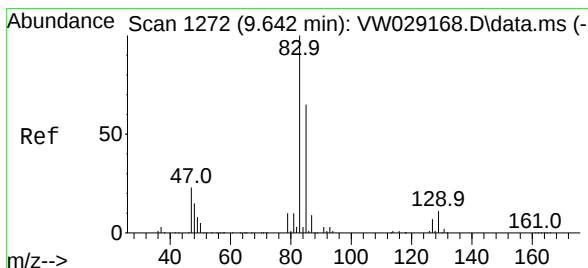
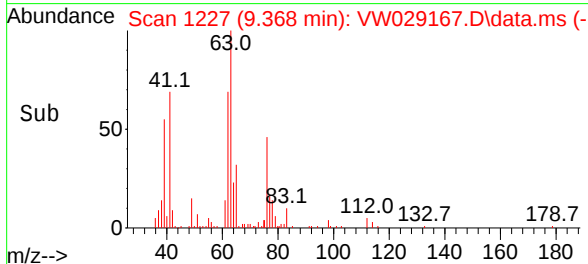
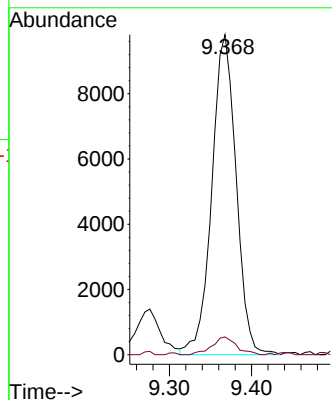
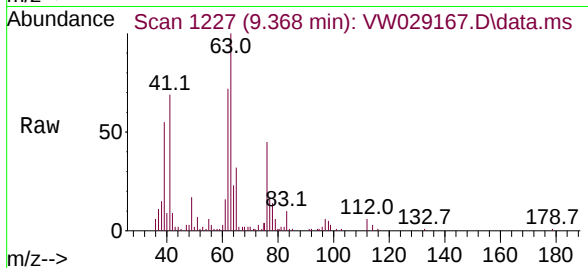
ClientSampleId :

Tgt Ion: 63 Resp: 20166

Ion Ratio Lower Upper

63 100

112 5.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.094 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

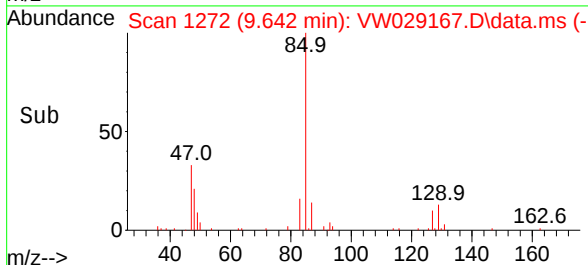
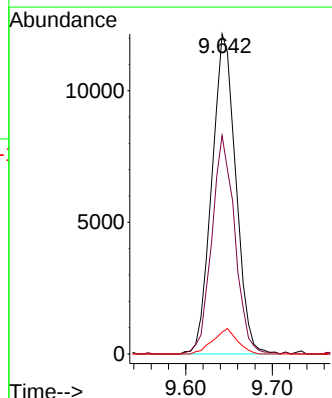
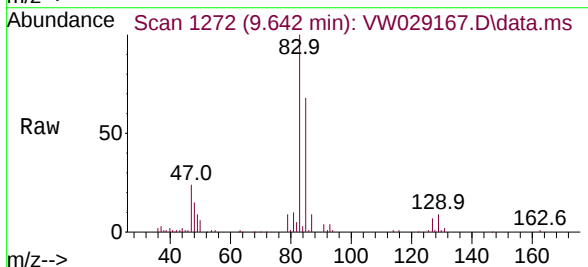
Tgt Ion: 83 Resp: 23346

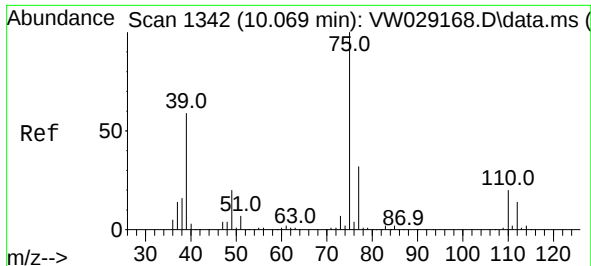
Ion Ratio Lower Upper

83 100

85 68.2 45.1 83.9

127 7.7 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 4.893 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

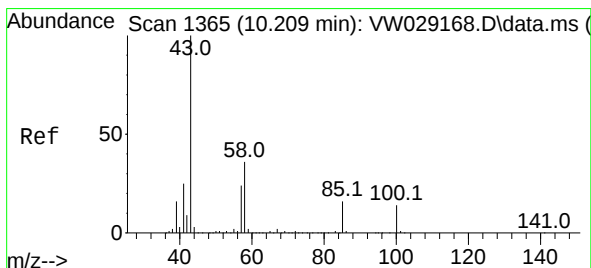
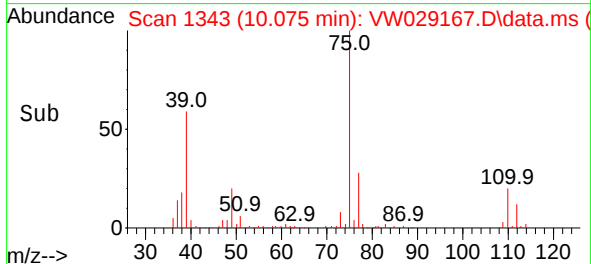
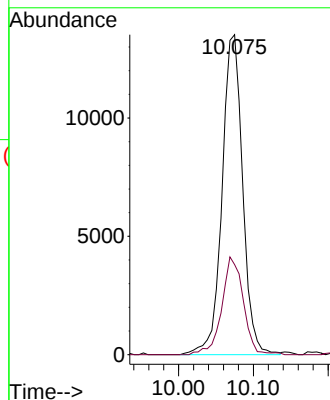
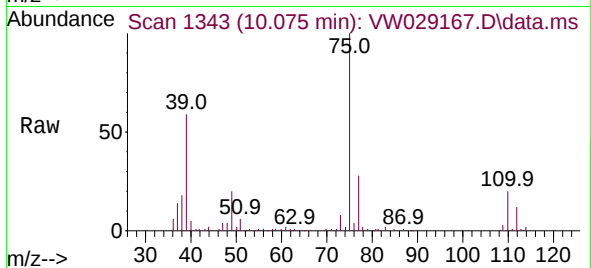
ClientSampleId :

Tgt Ion: 75 Resp: 25929

Ion Ratio Lower Upper

75 100

77 28.2 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 9.628 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

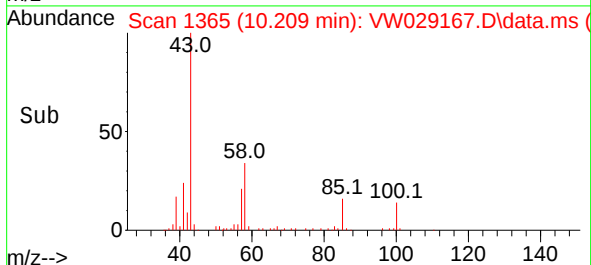
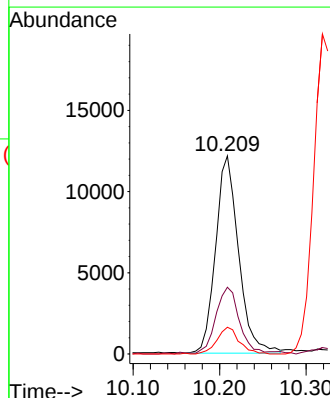
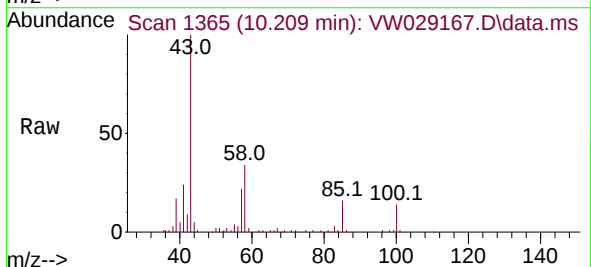
Tgt Ion: 43 Resp: 22370

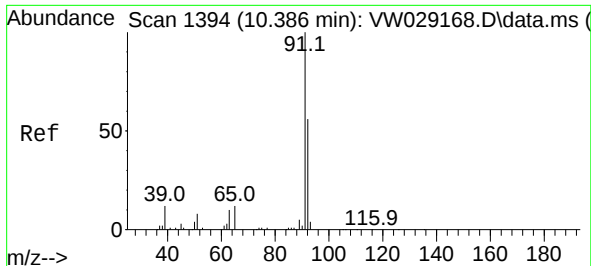
Ion Ratio Lower Upper

43 100

58 33.3 28.2 42.4

100 13.0 11.0 16.4





#42

Toluene

Concen: 5.110 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

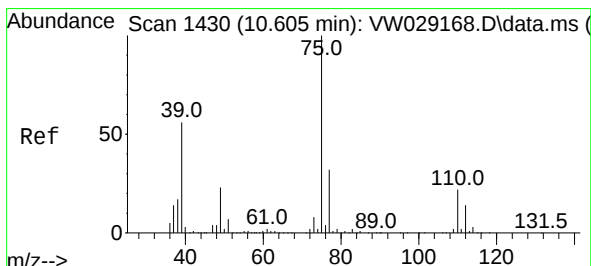
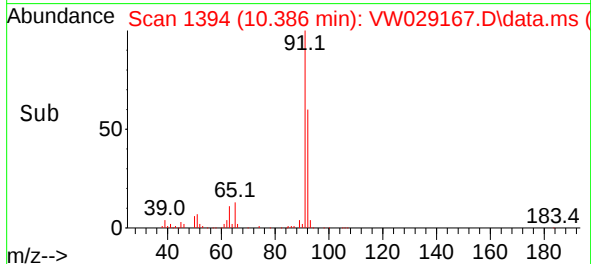
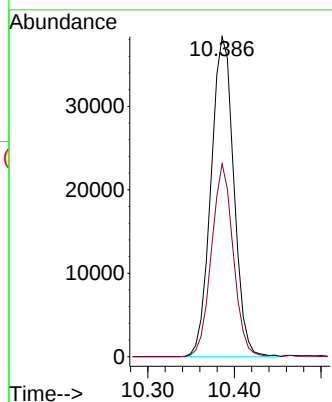
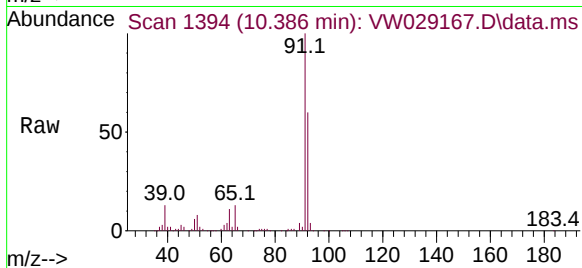
ClientSampleId :

Tgt Ion: 91 Resp: 70085

Ion Ratio Lower Upper

91 100

92 60.3 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 4.797 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029167.D

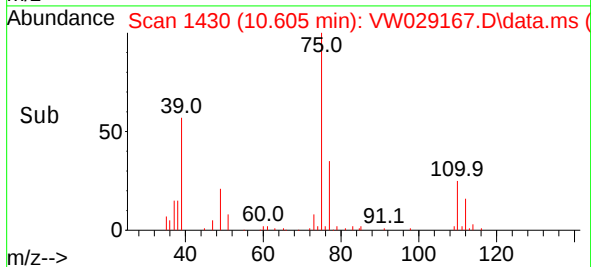
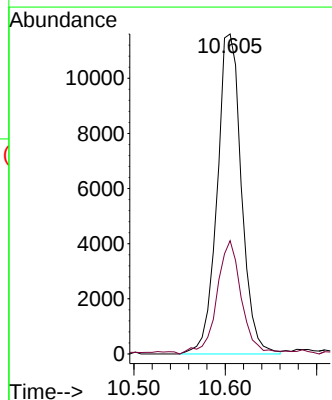
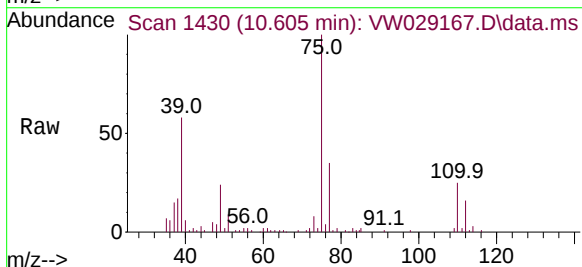
Acq: 18 Jun 2024 09:55

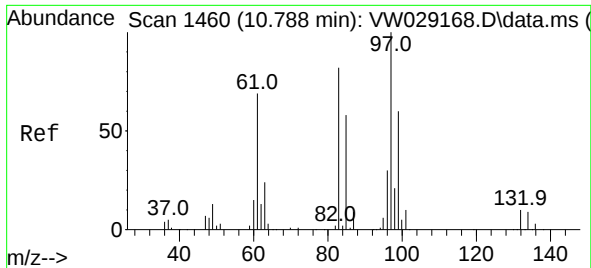
Tgt Ion: 75 Resp: 21463

Ion Ratio Lower Upper

75 100

77 35.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 5.389 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 14068

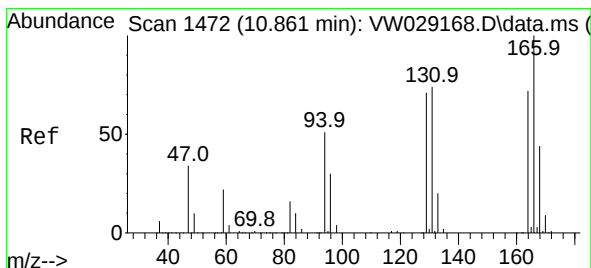
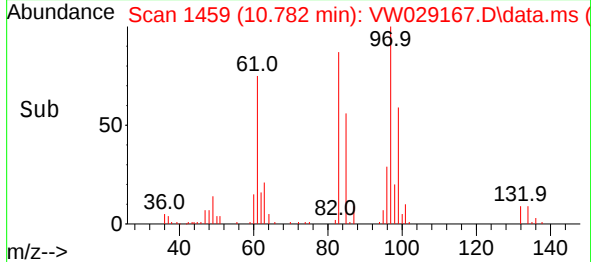
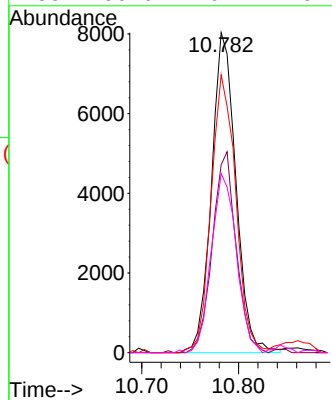
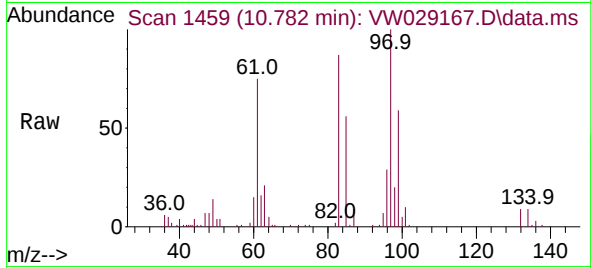
Ion Ratio Lower Upper

97 100

99 58.7 42.3 78.5

83 86.9 57.7 107.1

85 56.0 40.7 75.5



#46

Tetrachloroethene

Concen: 5.297 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Tgt Ion:164 Resp: 13179

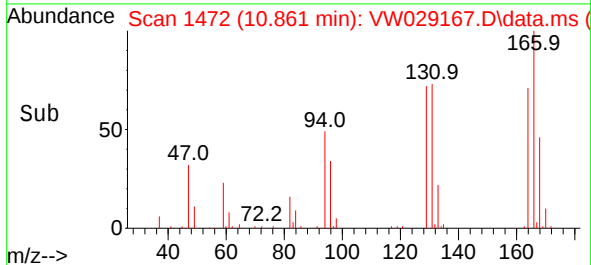
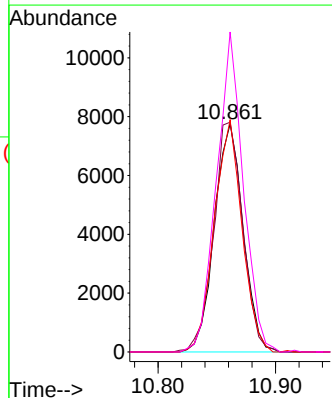
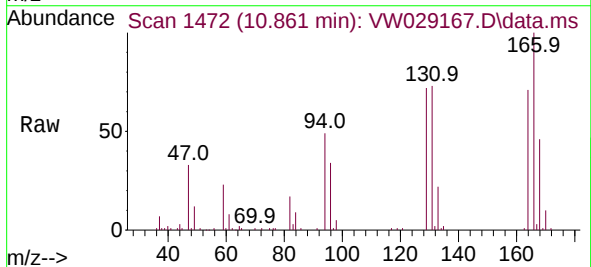
Ion Ratio Lower Upper

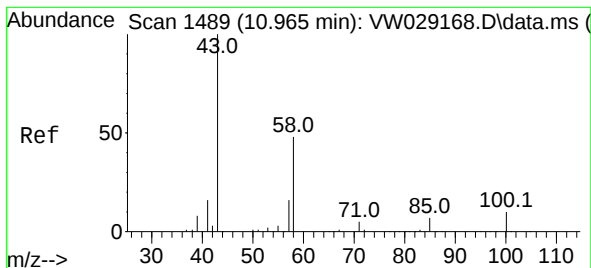
164 100

129 100.7 68.5 127.3

131 101.7 71.8 133.4

166 140.3 97.2 180.4





#48

2-Hexanone

Concen: 9.048 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 14917

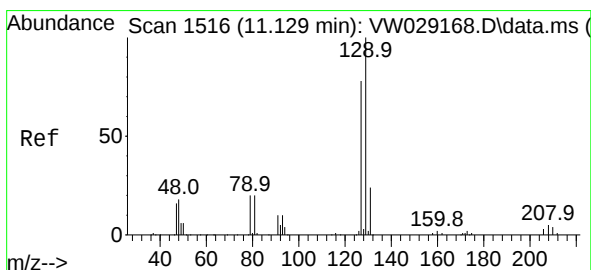
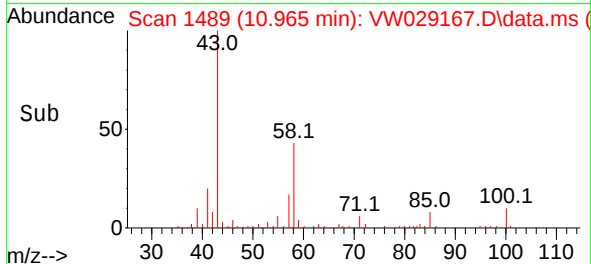
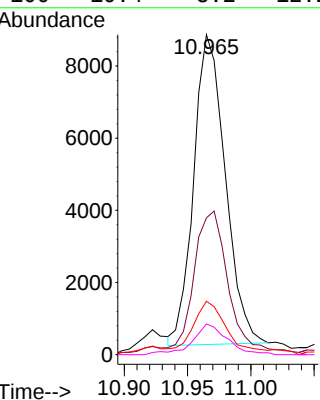
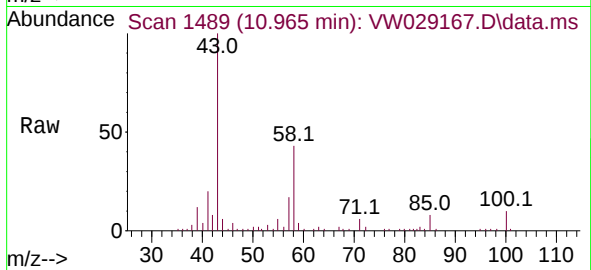
Ion Ratio Lower Upper

43 100

58 51.5 39.6 59.4

57 18.7 14.6 21.8

100 10.4 8.2 12.2



#49

Dibromochloromethane

Concen: 5.055 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029167.D

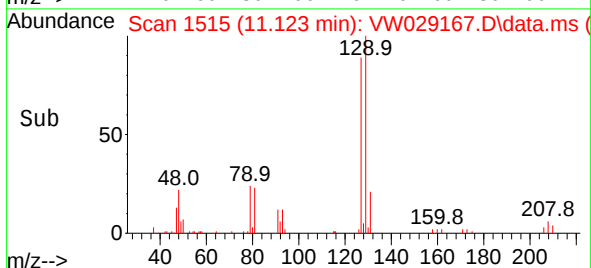
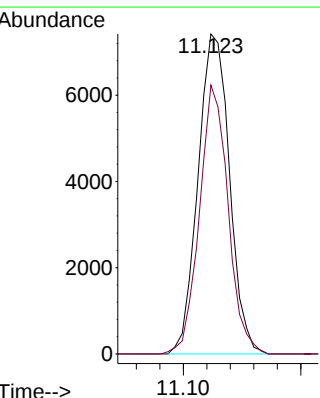
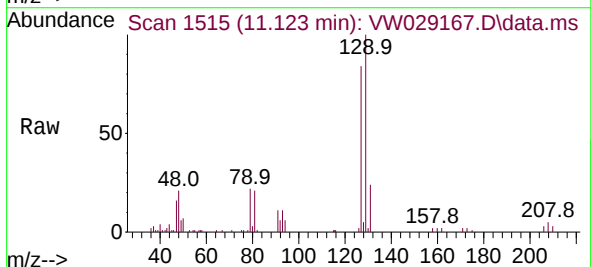
Acq: 18 Jun 2024 09:55

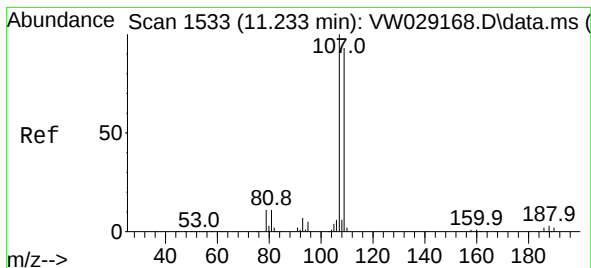
Tgt Ion:129 Resp: 13795

Ion Ratio Lower Upper

129 100

127 84.0 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.263 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029167.D

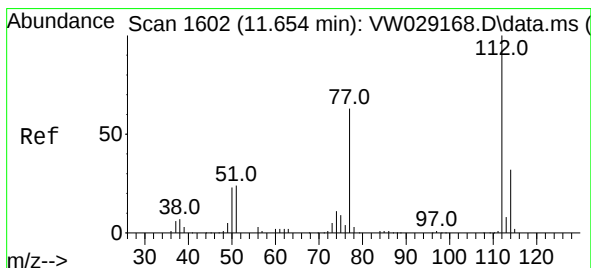
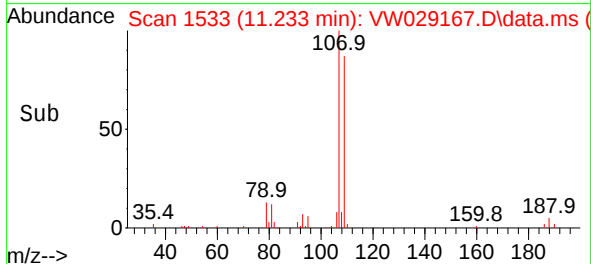
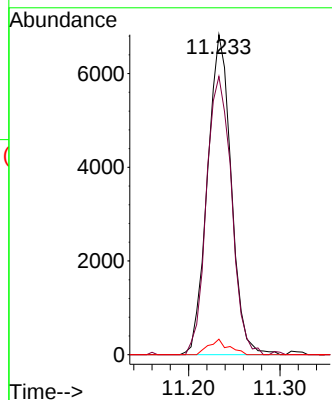
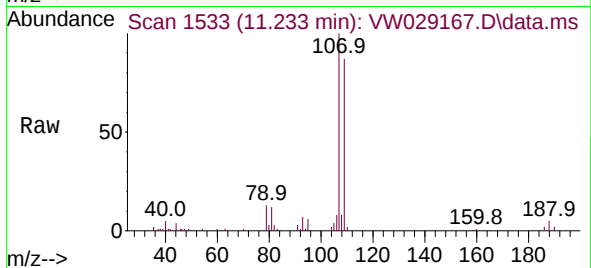
Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	12334
Ion Ratio	Lower	Upper
107	100	
109	87.0	65.5 121.6
188	4.9	2.6 4.0#



#51

Chlorobenzene

Concen: 5.310 ug/L

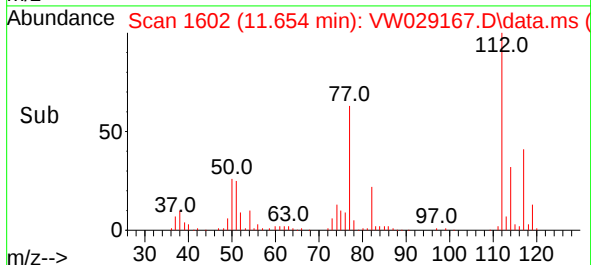
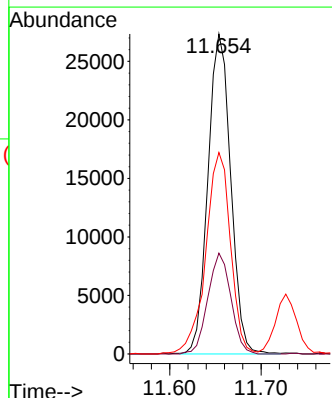
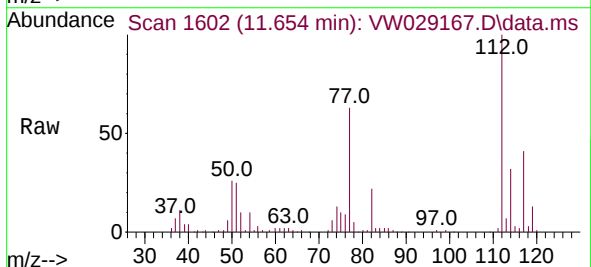
RT: 11.654 min Scan# 1602

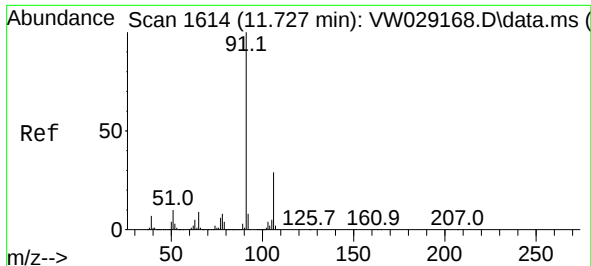
Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Tgt Ion:112	Resp:	47290
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.6 42.0
77	63.0	51.0 76.6





#52

Ethylbenzene

Concen: 4.982 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

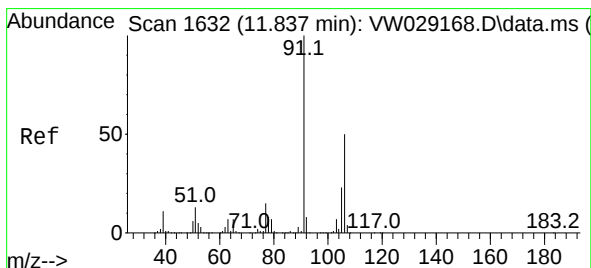
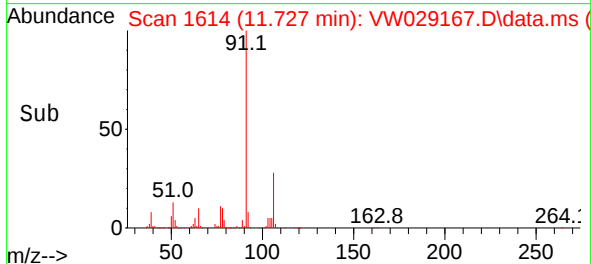
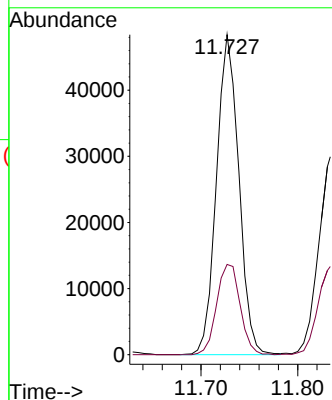
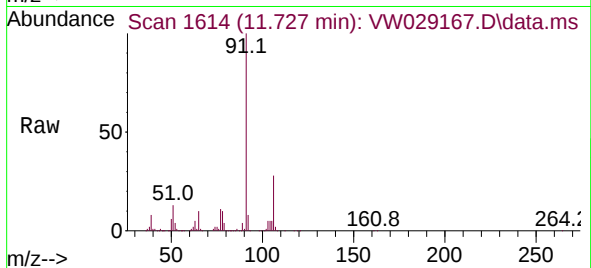
ClientSampleId :

Tgt Ion: 91 Resp: 77550

Ion Ratio Lower Upper

91 100

106 28.2 19.9 37.0



#53

m,p-Xylene

Concen: 4.927 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029167.D

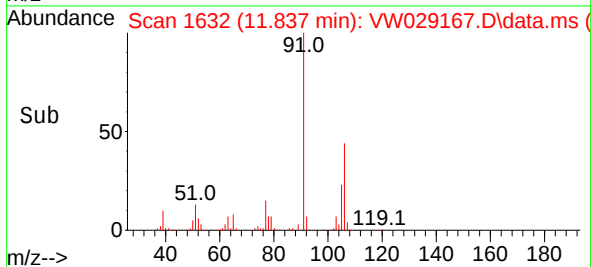
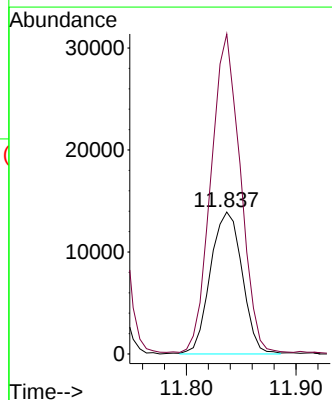
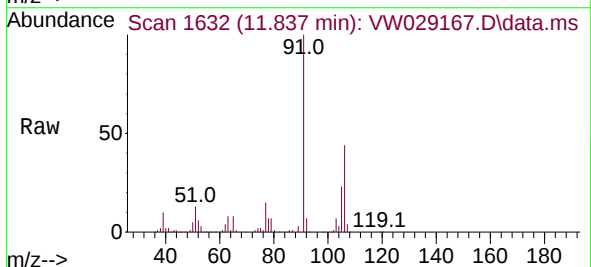
Acq: 18 Jun 2024 09:55

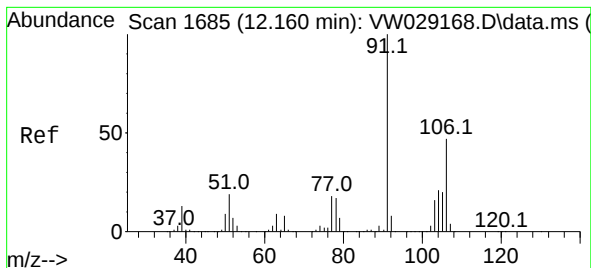
Tgt Ion: 106 Resp: 28013

Ion Ratio Lower Upper

106 100

91 225.4 140.5 260.9





#54

o-Xylene

Concen: 4.969 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

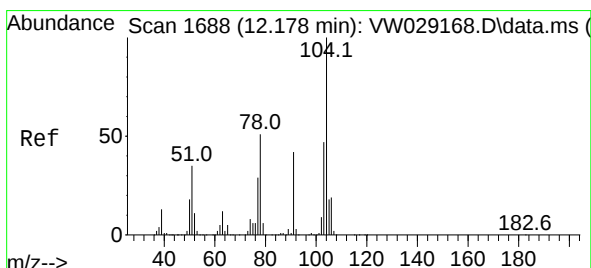
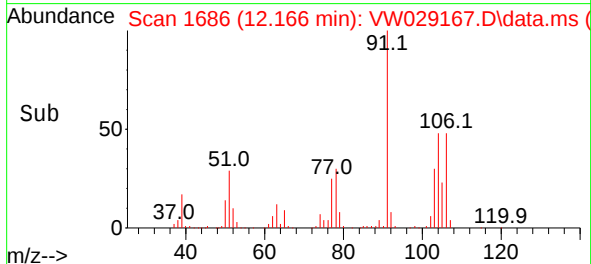
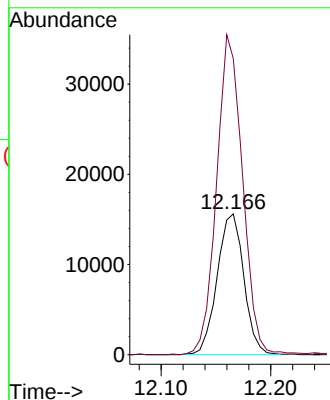
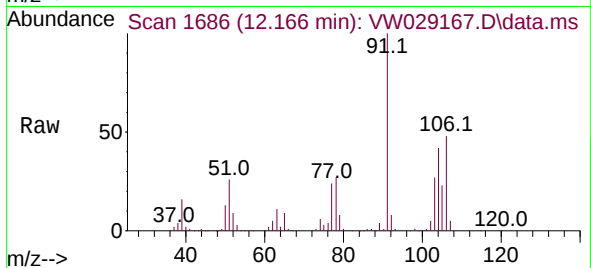
ClientSampleId :

Tgt Ion:106 Resp: 26407

Ion Ratio Lower Upper

106 100

91 210.1 149.9 278.5



#55

Styrene

Concen: 4.898 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029167.D

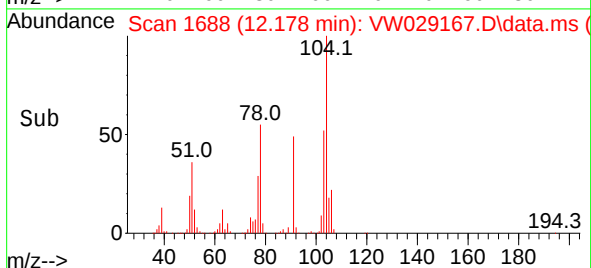
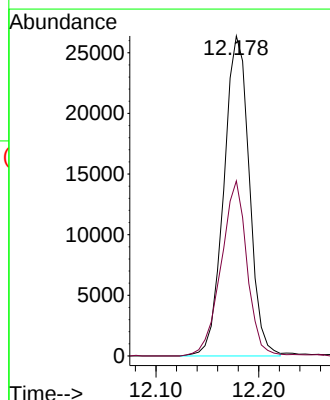
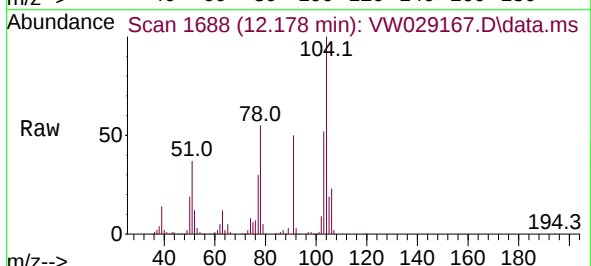
Acq: 18 Jun 2024 09:55

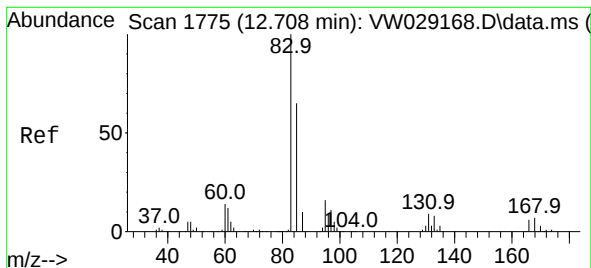
Tgt Ion:104 Resp: 45383

Ion Ratio Lower Upper

104 100

78 54.7 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.330 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

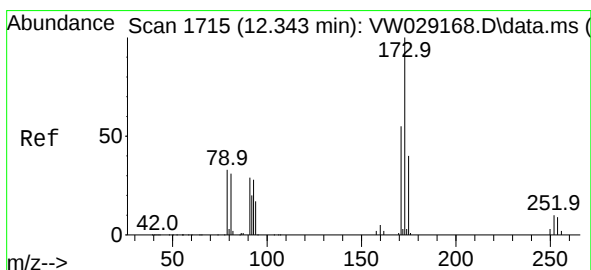
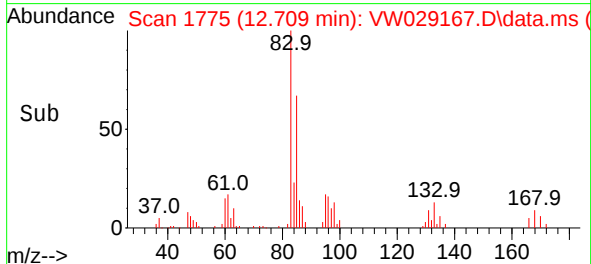
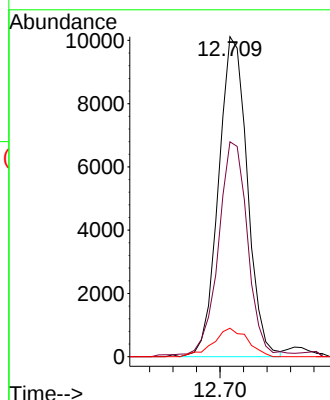
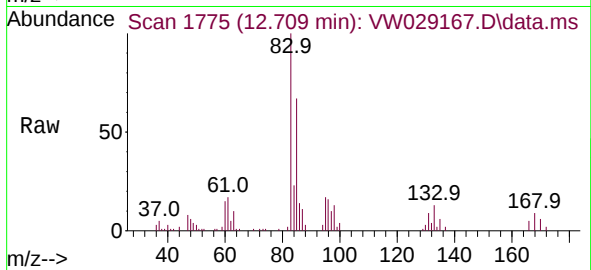
Tgt Ion: 83 Resp: 17213

Ion Ratio Lower Upper

83 100

85 67.1 45.8 85.0

131 8.9 7.8 11.6



#59

Bromoform

Concen: 5.409 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

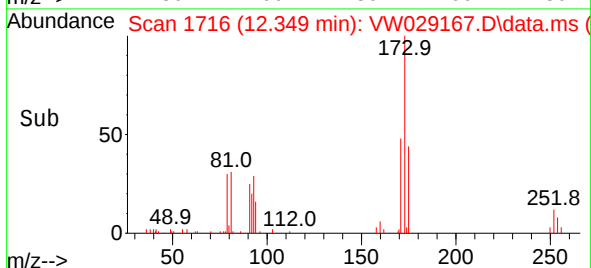
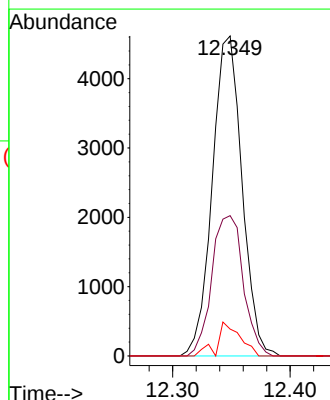
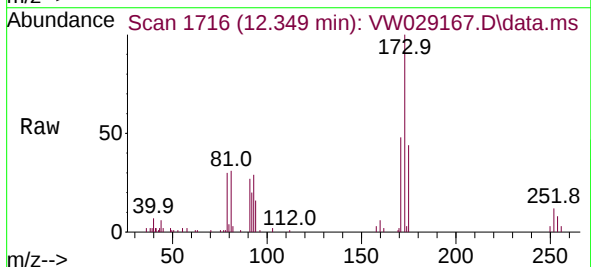
Tgt Ion:173 Resp: 8115

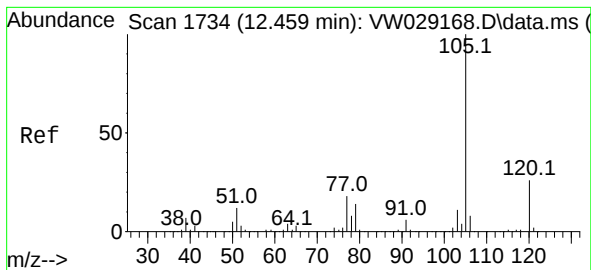
Ion Ratio Lower Upper

173 100

175 46.4 37.8 56.8

254 7.0 7.8 11.6#





#60

Isopropylbenzene

Concen: 4.958 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

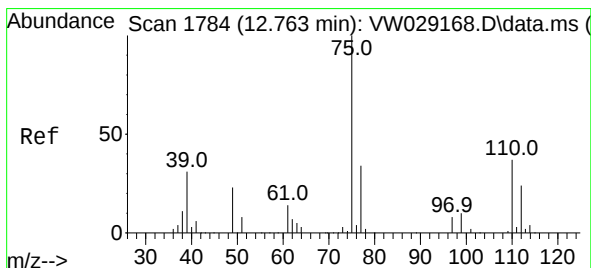
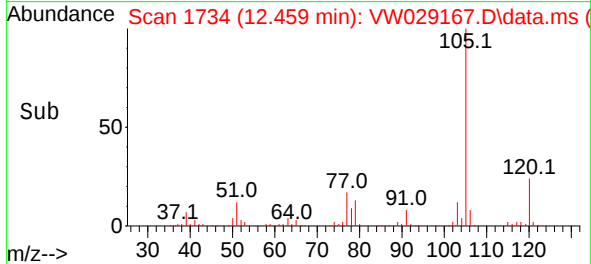
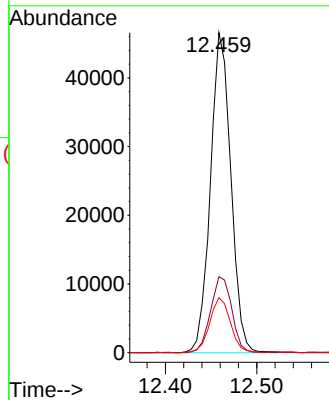
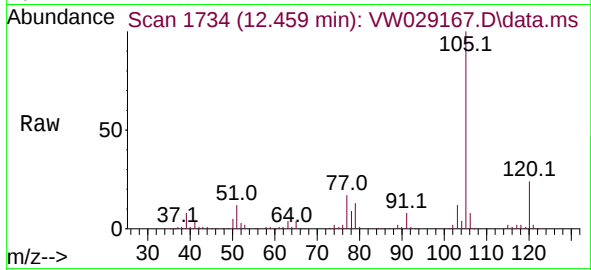
Tgt Ion:105 Resp: 72312

Ion Ratio Lower Upper

105 100

120 24.6 20.5 30.7

77 17.4 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 5.493 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

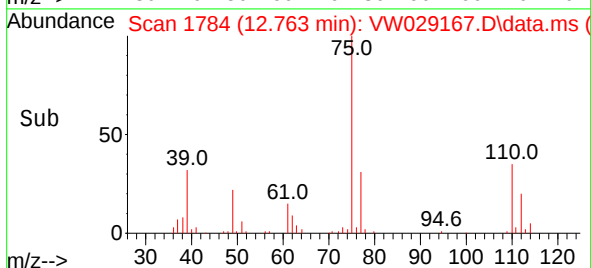
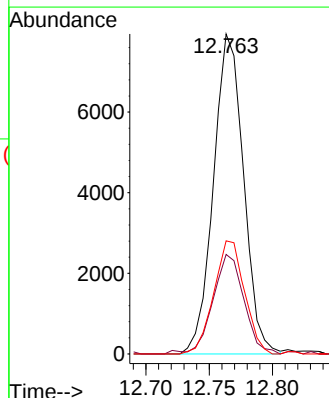
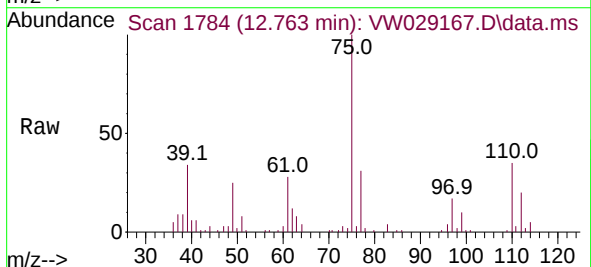
Tgt Ion: 75 Resp: 13115

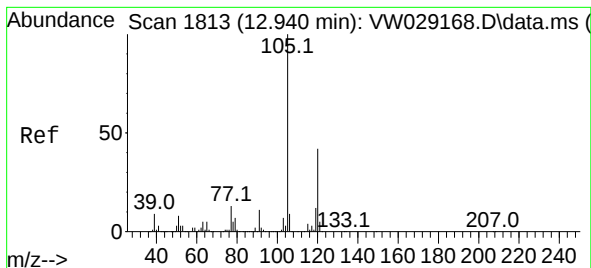
Ion Ratio Lower Upper

75 100

77 31.7 26.6 39.8

110 36.1 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 4.665 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

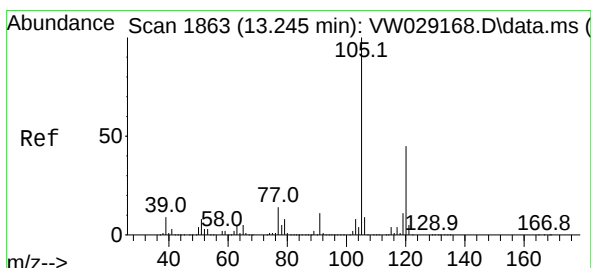
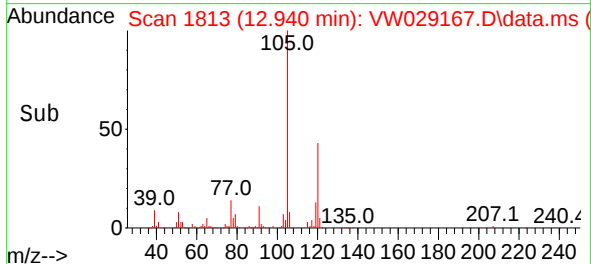
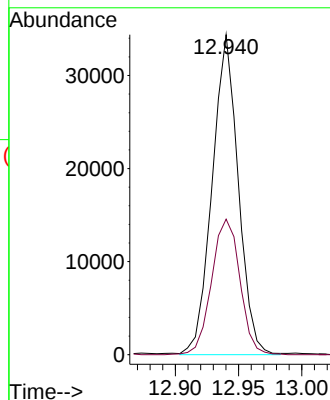
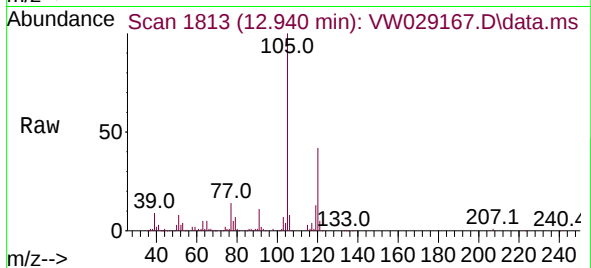
ClientSampleId :

Tgt Ion:105 Resp: 49279

Ion Ratio Lower Upper

105 100

120 45.9 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 4.564 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029167.D

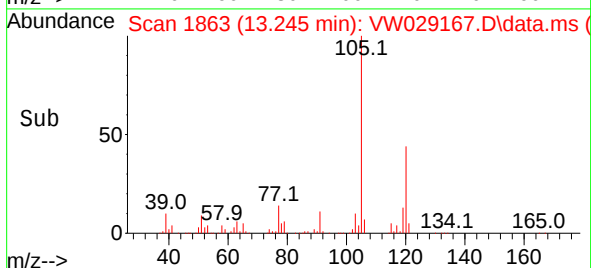
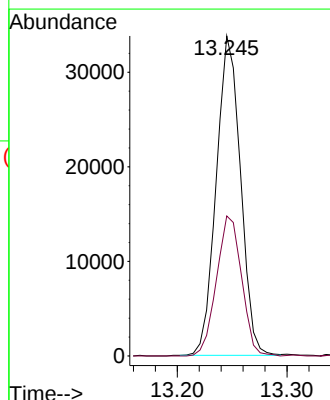
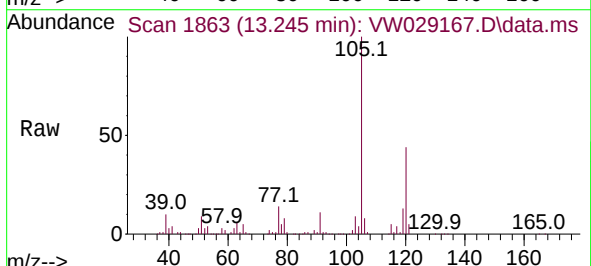
Acq: 18 Jun 2024 09:55

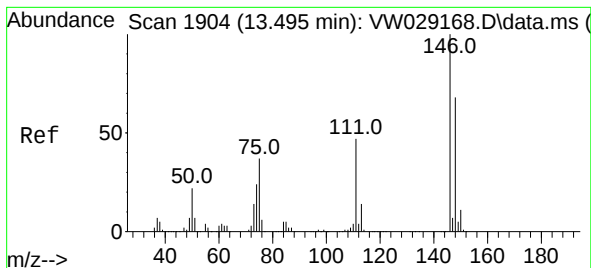
Tgt Ion:105 Resp: 51870

Ion Ratio Lower Upper

105 100

120 45.4 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 5.078 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029167.D

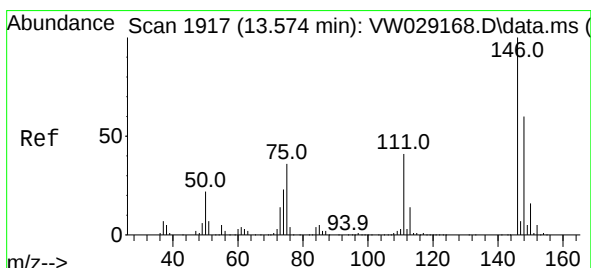
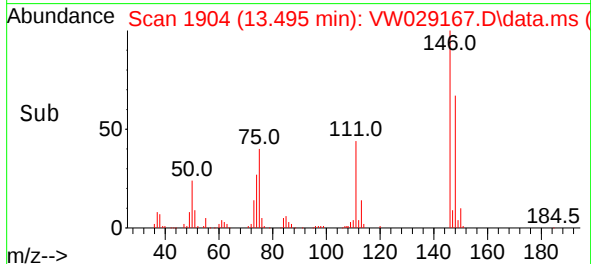
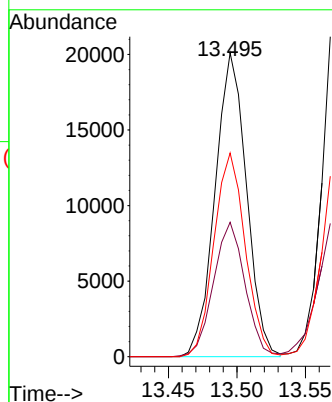
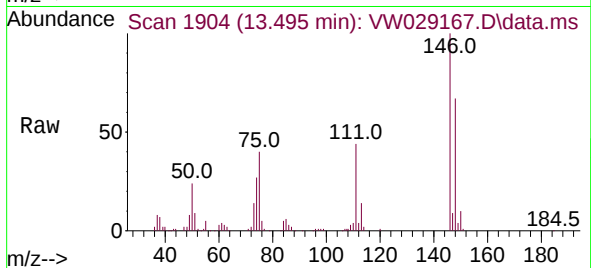
Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	32050
Ion	Ratio	Lower Upper
146	100	
111	44.2	33.0 61.2
148	67.1	47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 5.475 ug/L

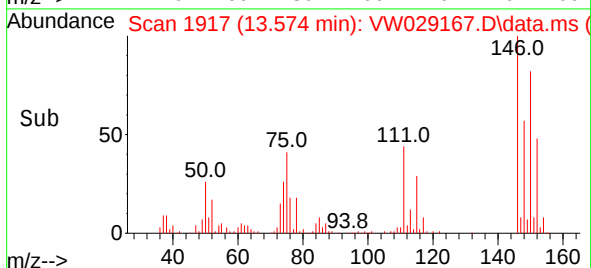
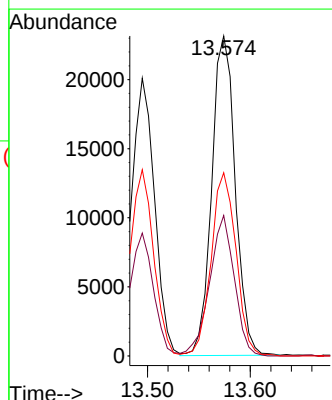
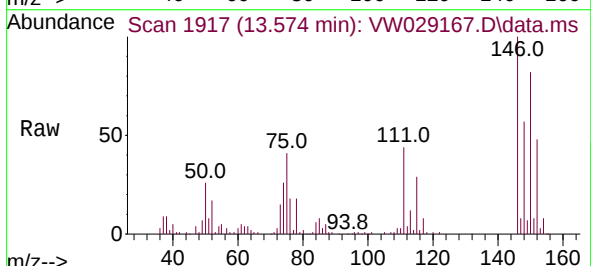
RT: 13.574 min Scan# 1917

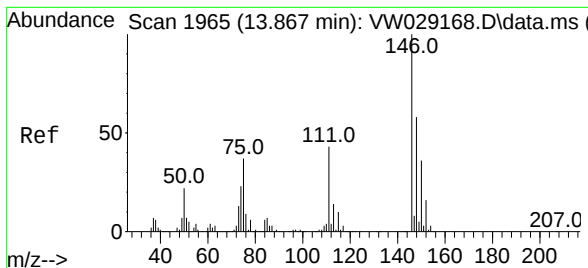
Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Tgt Ion:146	Resp:	36768
Ion	Ratio	Lower Upper
146	100	
111	43.9	28.9 53.7
148	57.3	42.0 78.0

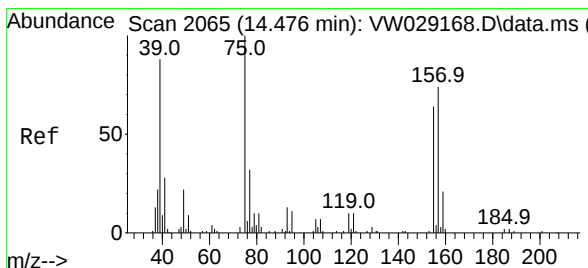
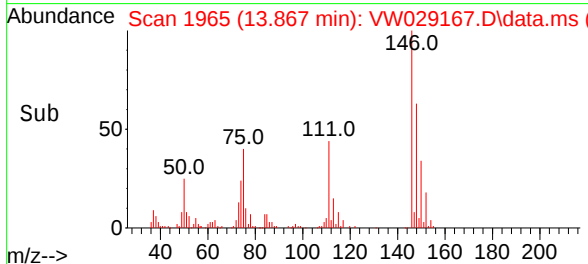
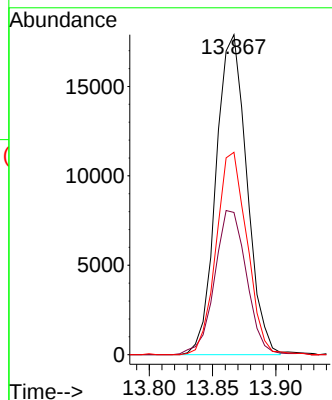
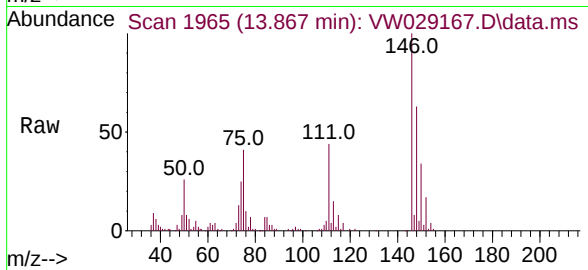




#67
1,2-Dichlorobenzene
Concen: 5.193 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

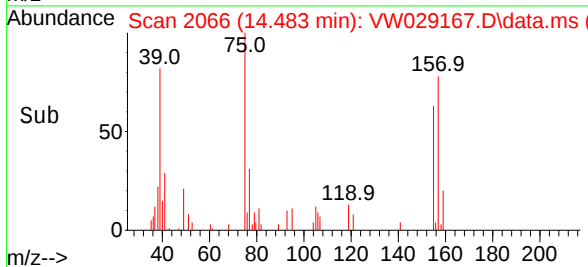
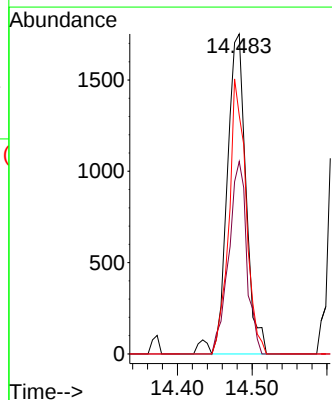
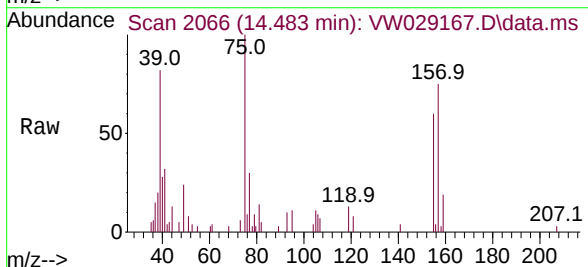
Instrument :
MSVOA_W
ClientSampleId :

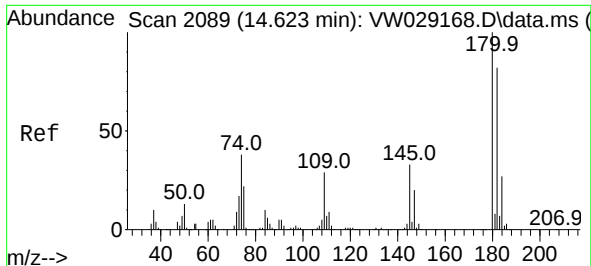
Tgt Ion:146 Resp: 30305
Ion Ratio Lower Upper
146 100
111 44.4 34.2 51.4
148 63.2 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.504 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029167.D
Acq: 18 Jun 2024 09:55

Tgt Ion: 75 Resp: 3067
Ion Ratio Lower Upper
75 100
155 60.2 51.0 76.6
157 74.5 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 5.151 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

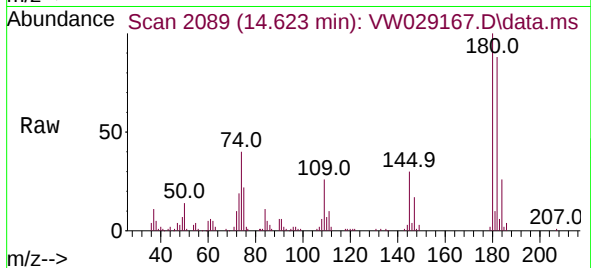
Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 21944

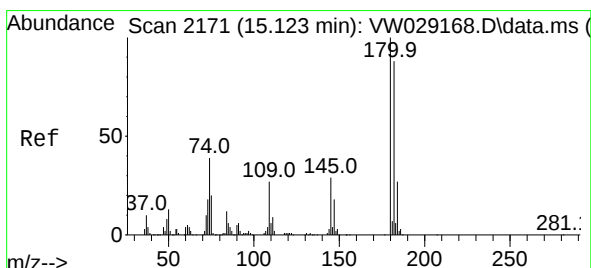
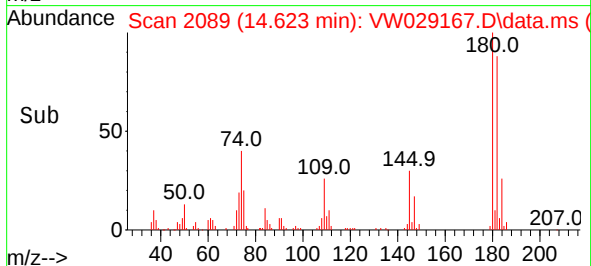
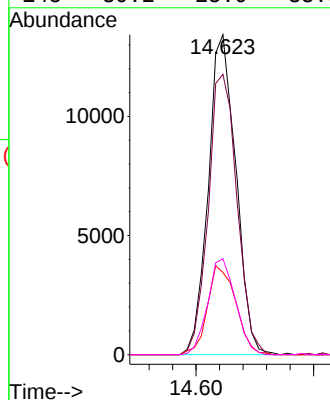
Ion Ratio Lower Upper

180 100

182 91.0 72.9 109.3

184 28.5 23.8 35.6

145 30.2 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 4.949 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

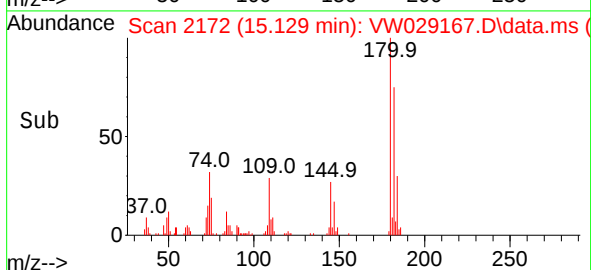
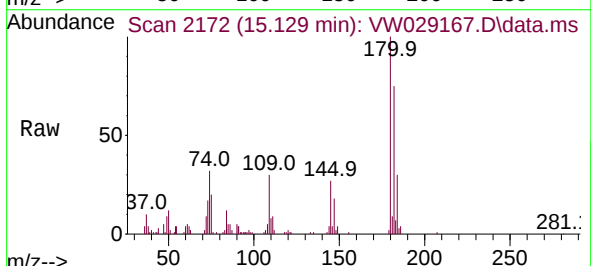
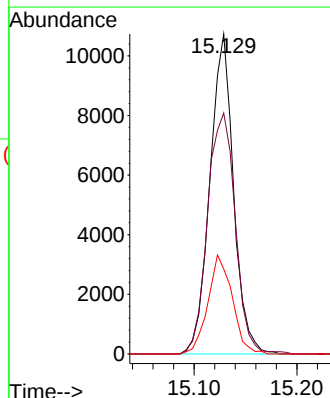
Tgt Ion:180 Resp: 17091

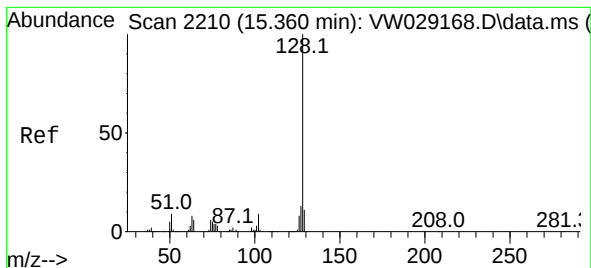
Ion Ratio Lower Upper

180 100

182 88.5 77.7 116.5

145 32.0 25.7 38.5





#71

Naphthalene

Concen: 4.492 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

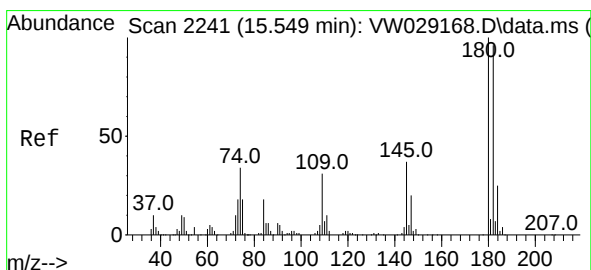
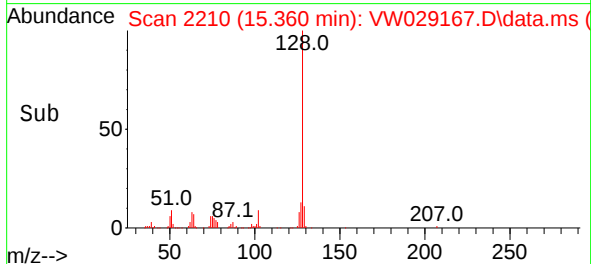
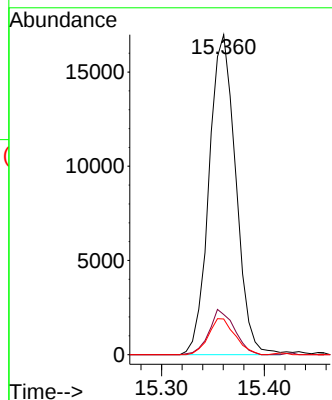
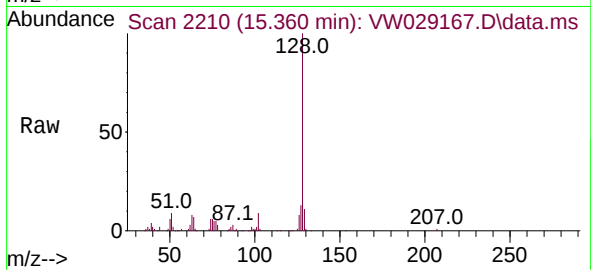
Tgt Ion:128 Resp: 30620

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 5.223 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029167.D

Acq: 18 Jun 2024 09:55

Tgt Ion:180 Resp: 16433

Ion Ratio Lower Upper

180 100

182 92.6 73.0 109.6

145 33.2 28.1 42.1

