

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029169.D
 Acq On : 18 Jun 2024 10:43
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:54:03 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	241248	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229132	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116144	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166055	49.730	ug/L	0.00
7) Chloroethane-d5	2.893	69	140803	50.721	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	79676	49.419	ug/L	0.00
21) 2-Butanone-d5	7.075	46	113021	113.132	ug/L	0.00
24) Chloroform-d	7.648	84	368120	51.153	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	213539	51.681	ug/L	0.00
32) Benzene-d6	8.270	84	714965	51.372	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	225510	50.973	ug/L	0.00
41) Toluene-d8	10.319	98	663347	53.873	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	95608	53.628	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	83645	122.132	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	181721	51.609	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	207019	51.351	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	114863	46.541	ug/L	99
3) Chloromethane	2.223	50	164958	49.153	ug/L	97
5) Vinyl chloride	2.381	62	181851	47.185	ug/L	100
6) Bromomethane	2.790	94	113953	49.194	ug/L	94
8) Chloroethane	2.930	64	119936	50.880	ug/L	99
9) Trichlorofluoromethane	3.265	101	161622	53.734	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	163727	52.397	ug/L #	94
12) 1,1-Dichloroethene	4.045	96	148169	53.005	ug/L	96
13) Acetone	4.119	43	92919	109.445	ug/L	93
14) Carbon disulfide	4.393	76	450126	49.328	ug/L	100
15) Methyl Acetate	4.667	43	94458	56.043	ug/L	99
16) Methylene chloride	4.917	84	174048	41.029	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	164039	52.842	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	286341	57.679	ug/L	99
19) 1,1-Dichloroethane	6.216	63	345879	51.587	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	186133	54.373	ug/L	95
22) 2-Butanone	7.167	43	135462	116.701	ug/L	99
23) Bromochloromethane	7.514	128	77998	51.182	ug/L	95
25) Chloroform	7.673	83	348618	53.248	ug/L	99
27) 1,2-Dichloroethane	8.398	62	255123	52.836	ug/L	100
29) Cyclohexane	7.953	56	300412	57.350	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	263736	51.762	ug/L	98
31) Carbon tetrachloride	8.069	117	243058	52.221	ug/L	97
33) Benzene	8.325	78	720113	52.305	ug/L	100
34) Trichloroethene	9.093	95	187963	51.174	ug/L	97
35) Methylcyclohexane	9.331	83	321572	55.668	ug/L	97
37) 1,2-Dichloropropane	9.368	63	204176	52.756	ug/L	98
38) Bromodichloromethane	9.642	83	250003	52.855	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	313547	57.336	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	286695	119.567	ug/L	98
42) Toluene	10.386	91	768971	54.331	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	269720	58.412	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029169.D
 Acq On : 18 Jun 2024 10:43
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:54:03 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

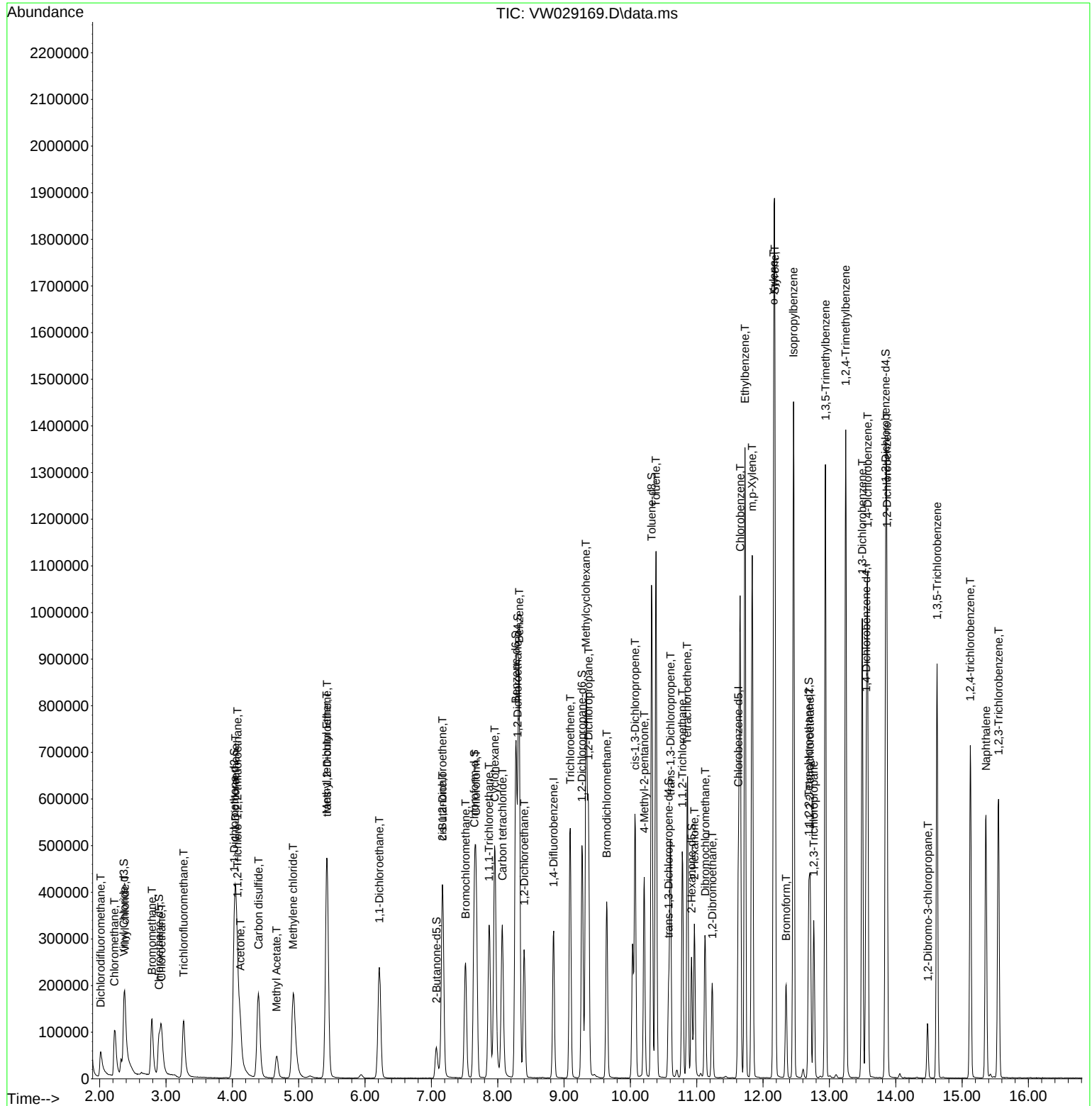
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	141708	52.595	ug/L	96
46) Tetrachloroethene	10.855	164	134560	52.406	ug/L	91
48) 2-Hexanone	10.965	43	208677	122.650	ug/L	99
49) Dibromochloromethane	11.130	129	154926	55.007	ug/L	100
50) 1,2-Dibromoethane	11.233	107	131561	54.396	ug/L	96
51) Chlorobenzene	11.654	112	482484	52.496	ug/L	99
52) Ethylbenzene	11.727	91	903160	56.216	ug/L	99
53) m,p-Xylene	11.837	106	332329	56.631	ug/L	92
54) o-Xylene	12.160	106	314940	57.424	ug/L	89
55) Styrene	12.178	104	548570	57.366	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	180641	54.201	ug/L	98
59) Bromoform	12.349	173	84553	53.117	ug/L	96
60) Isopropylbenzene	12.459	105	870759	56.266	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	133026	52.511	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	662050	59.070	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	720784	59.771	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	366630	54.744	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	363852	51.063	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	330149	53.324	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	30763	52.037	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	240980	53.315	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	199093	54.338	ug/L	99
71) Naphthalene	15.360	128	460002	63.610	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	187672	56.215	ug/L	98

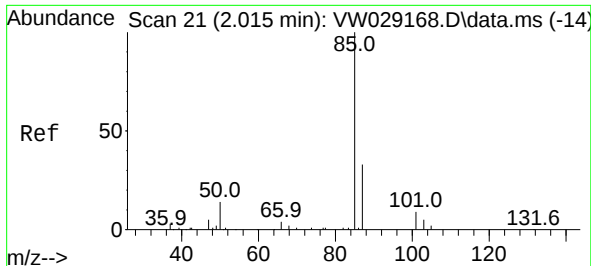
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029169.D
 Acq On : 18 Jun 2024 10:43
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:54:03 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

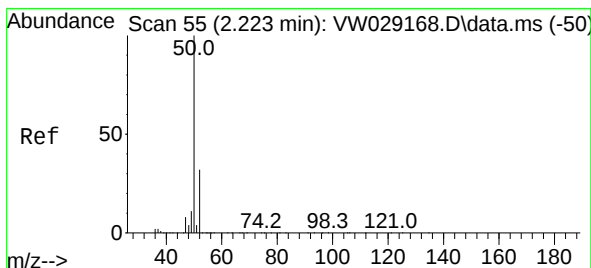
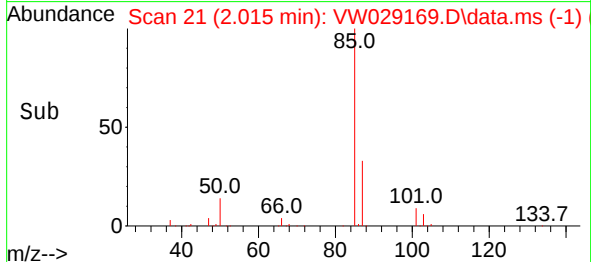
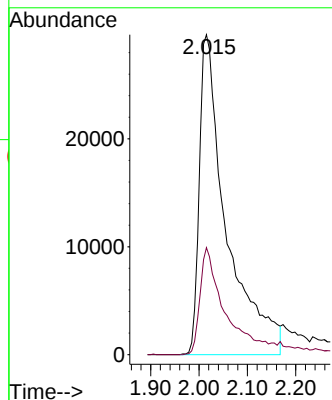
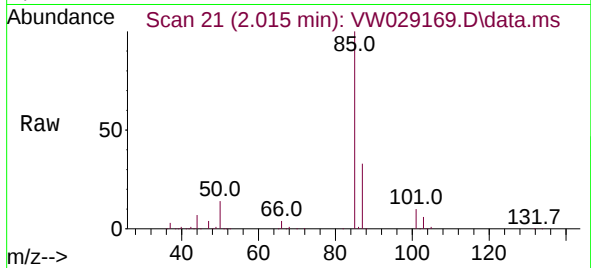




#2
 Dichlorodifluoromethane
 Concen: 46.541 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029169.D
 Acq: 18 Jun 2024 10:43

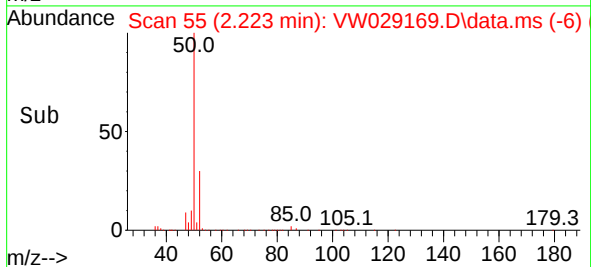
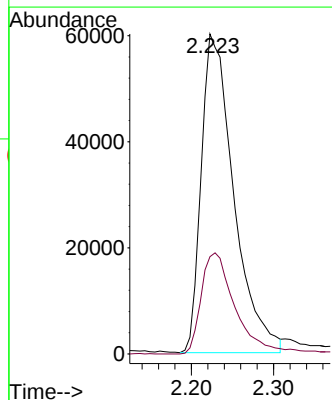
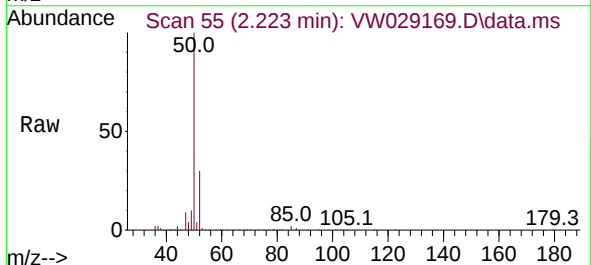
Instrument :
 MSVOA_W
 ClientSampleId :

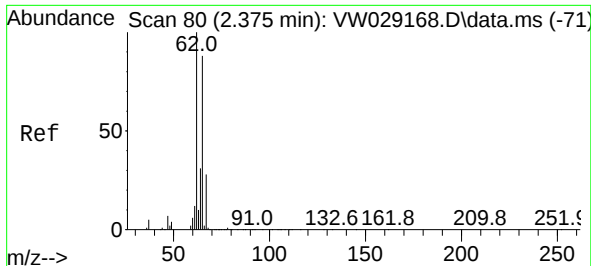
Tgt Ion: 85 Resp: 114863
 Ion Ratio Lower Upper
 85 100
 87 29.3 23.8 35.6



#3
 Chloromethane
 Concen: 49.153 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029169.D
 Acq: 18 Jun 2024 10:43

Tgt Ion: 50 Resp: 164958
 Ion Ratio Lower Upper
 50 100
 52 30.4 22.3 41.5

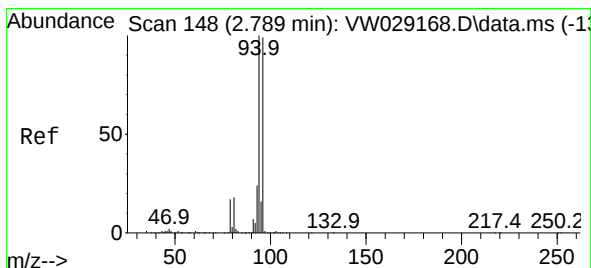
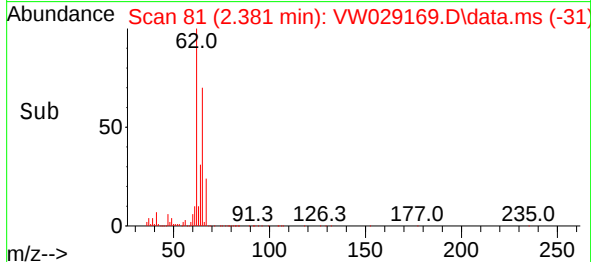
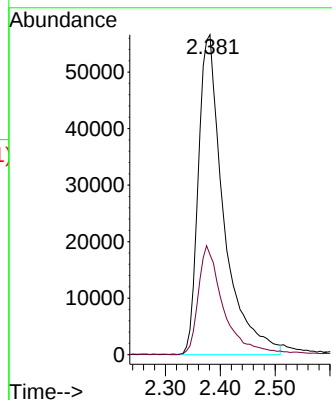
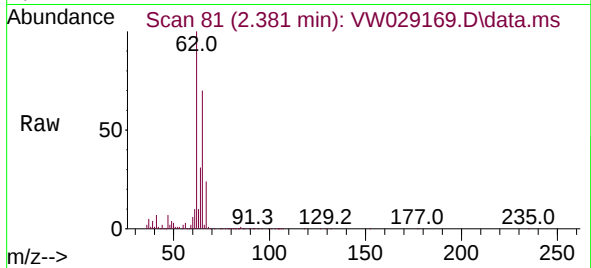




#5
 Vinyl chloride
 Concen: 47.185 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW029169.D
 Acq: 18 Jun 2024 10:43

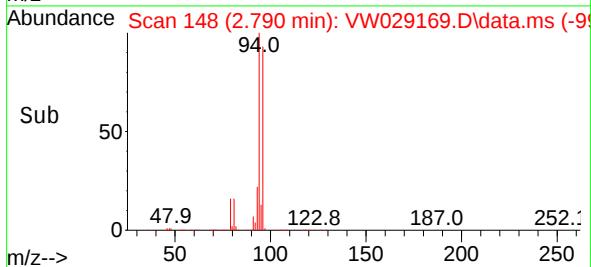
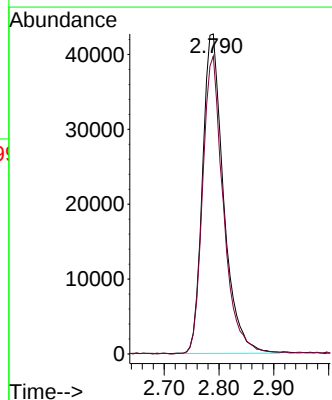
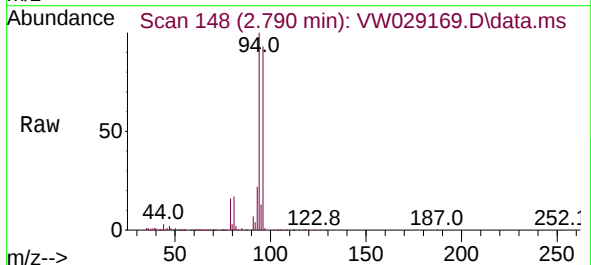
Instrument :
 MSVOA_W
 ClientSampleId :

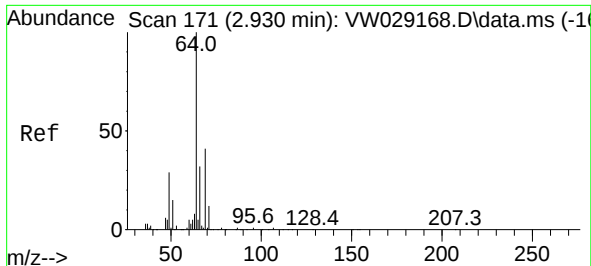
Tgt Ion: 62 Resp: 181851
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.0 40.8



#6
 Bromomethane
 Concen: 49.194 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029169.D
 Acq: 18 Jun 2024 10:43

Tgt Ion: 94 Resp: 113953
 Ion Ratio Lower Upper
 94 100
 96 93.1 69.5 129.1

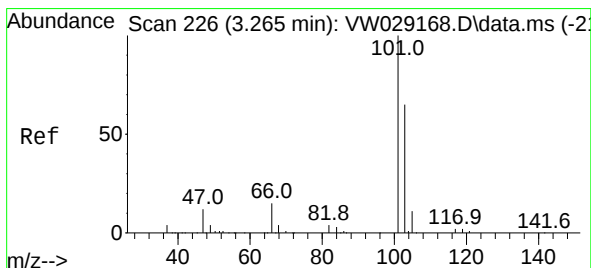
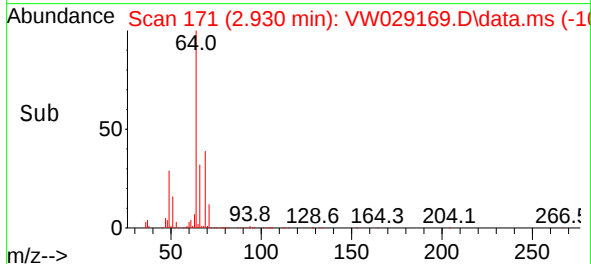
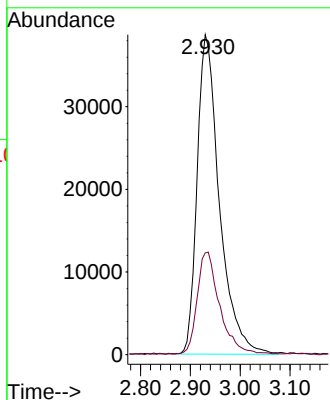
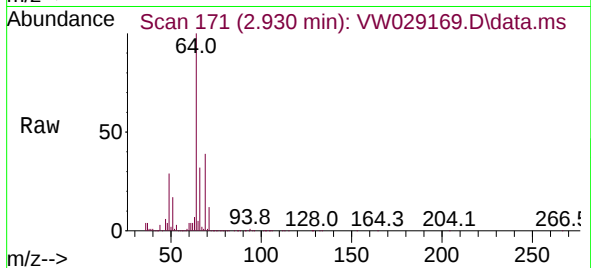




#8
Chloroethane
Concen: 50.880 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW029169.D
Acq: 18 Jun 2024 10:43

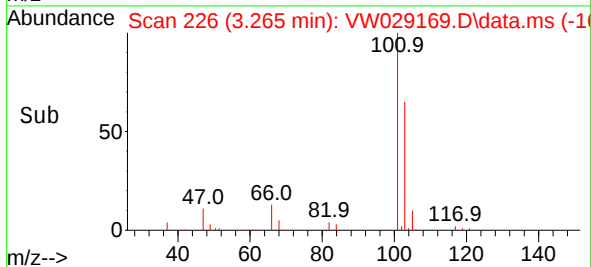
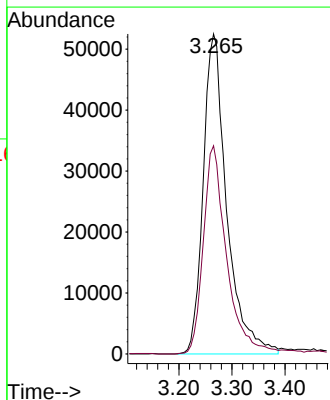
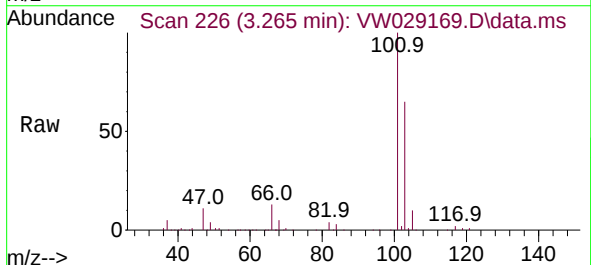
Instrument :
MSVOA_W
ClientSampleId :

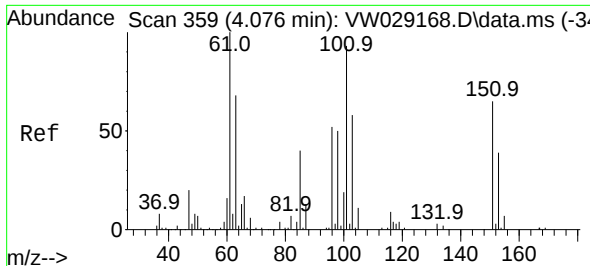
Tgt Ion: 64 Resp: 119936
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 53.734 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029169.D
Acq: 18 Jun 2024 10:43

Tgt Ion:101 Resp: 161622
Ion Ratio Lower Upper
101 100
103 64.2 50.8 76.2





#10

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

Concen: 52.397 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

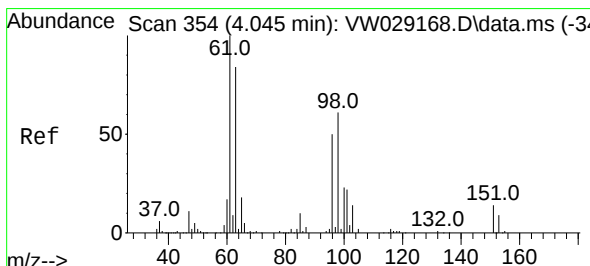
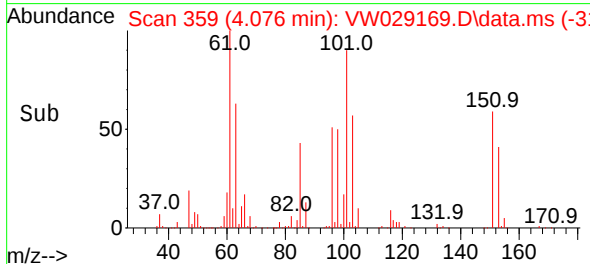
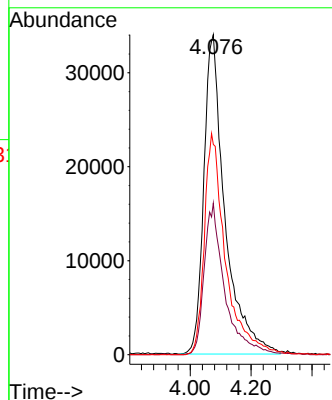
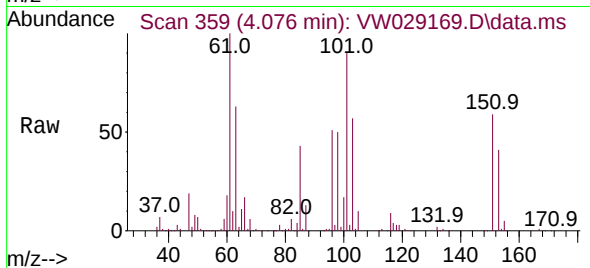
Tgt Ion:101 Resp: 163727

Ion Ratio Lower Upper

101 100

85 46.1 30.2 45.2#

151 66.7 52.2 78.4



#12

1,1-Dichloroethene

Concen: 53.005 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

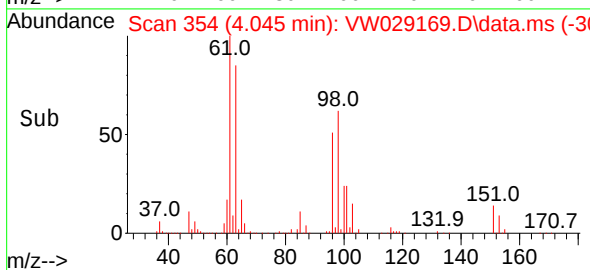
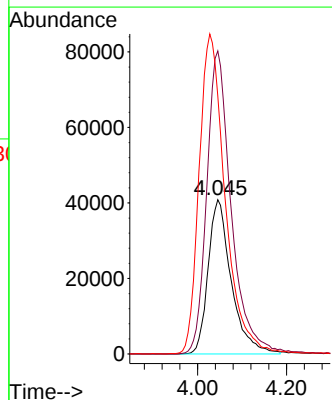
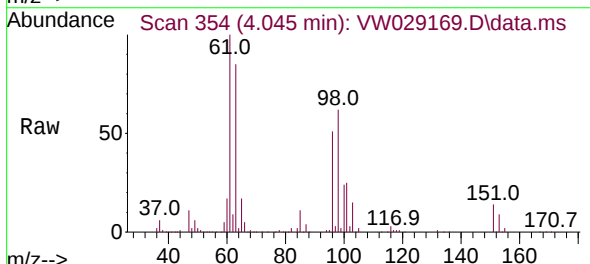
Tgt Ion: 96 Resp: 148169

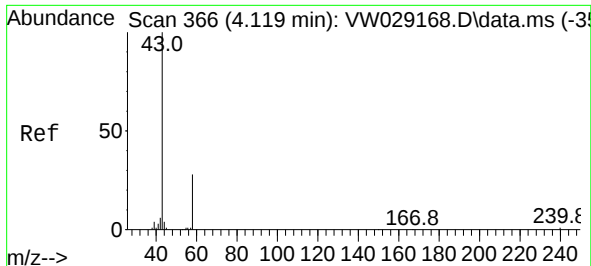
Ion Ratio Lower Upper

96 100

61 196.4 140.1 260.3

63 167.2 122.0 226.6

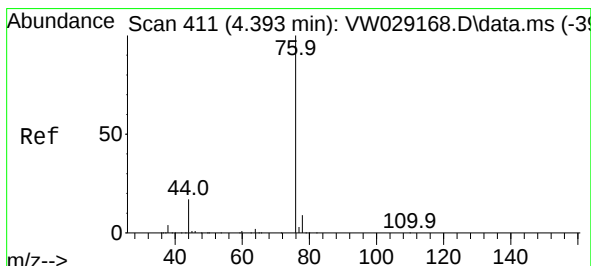
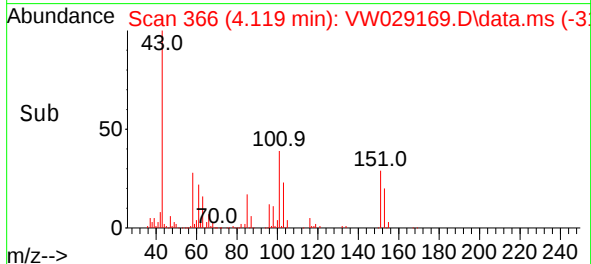
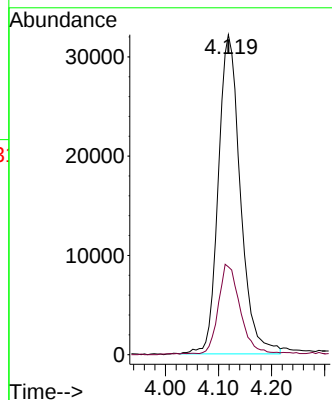
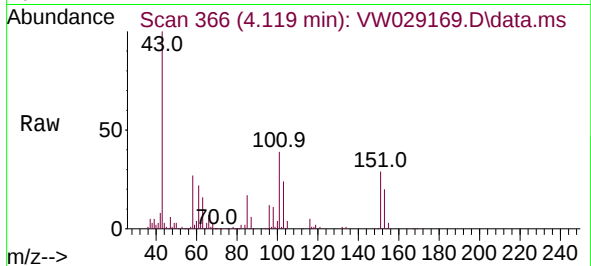




#13
Acetone
Concen: 109.445 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029169.D
Acq: 18 Jun 2024 10:43

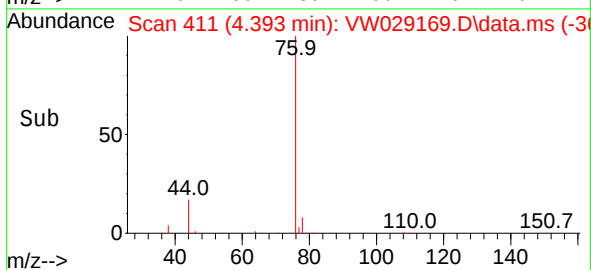
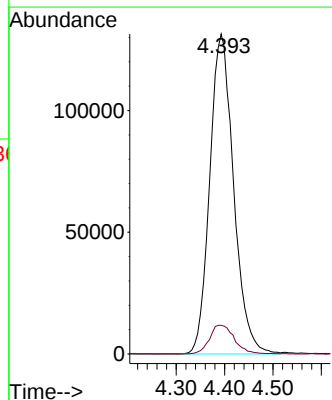
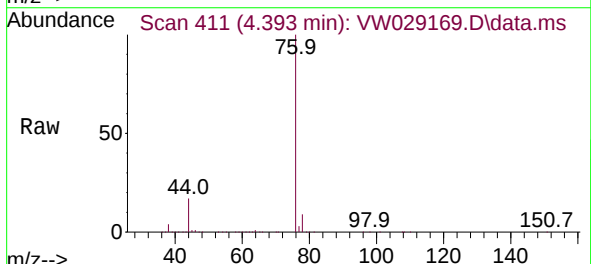
Instrument :
MSVOA_W
ClientSampleId :

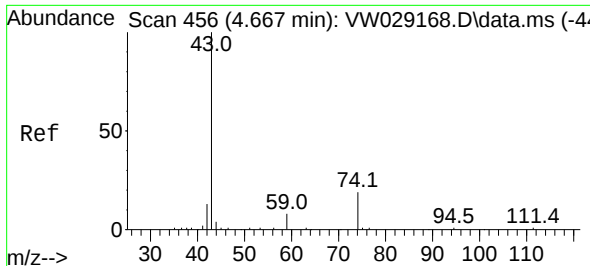
Tgt Ion: 43 Resp: 92919
Ion Ratio Lower Upper
43 100
58 27.1 0.0 61.4



#14
Carbon disulfide
Concen: 49.328 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029169.D
Acq: 18 Jun 2024 10:43

Tgt Ion: 76 Resp: 450126
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8





#15

Methyl Acetate

Concen: 56.043 ug/L

RT: 4.667 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

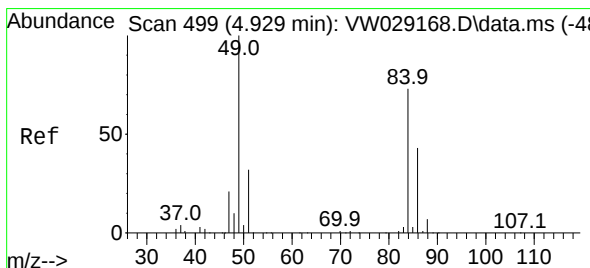
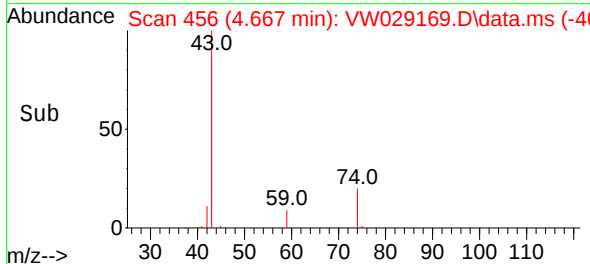
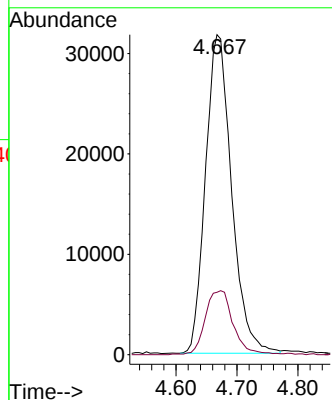
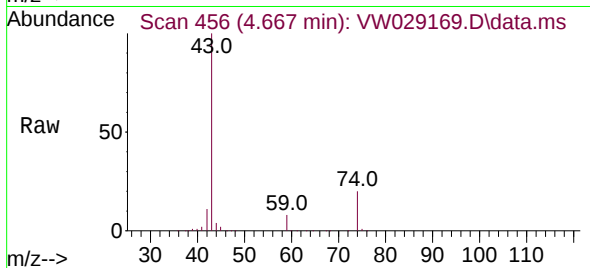
ClientSampleId :

Tgt Ion: 43 Resp: 94458

Ion Ratio Lower Upper

43 100

74 21.0 16.6 25.0



#16

Methylene chloride

Concen: 41.029 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.012 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

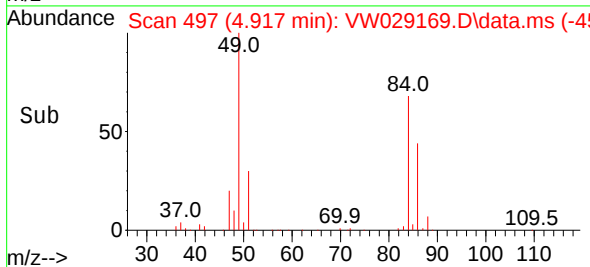
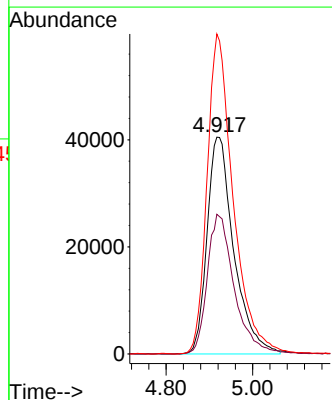
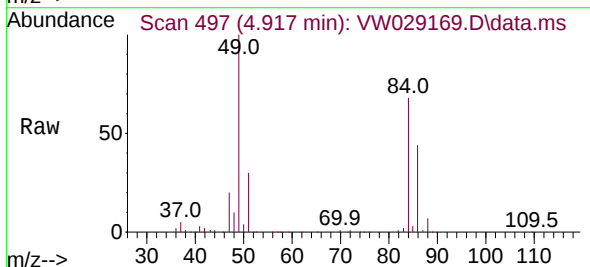
Tgt Ion: 84 Resp: 174048

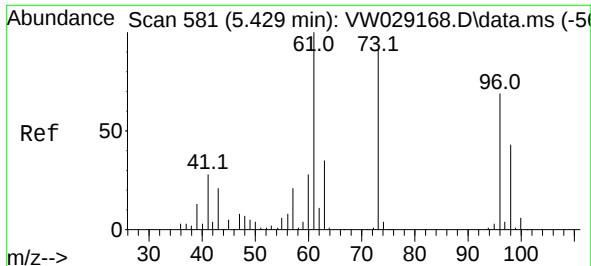
Ion Ratio Lower Upper

84 100

86 64.4 41.4 77.0

49 147.6 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 52.842 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

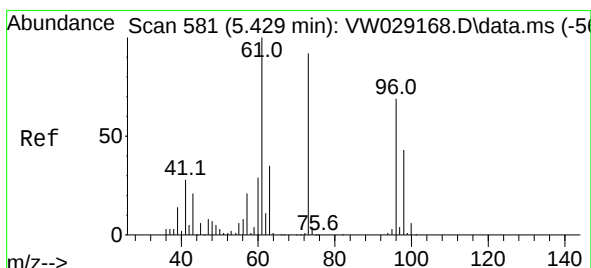
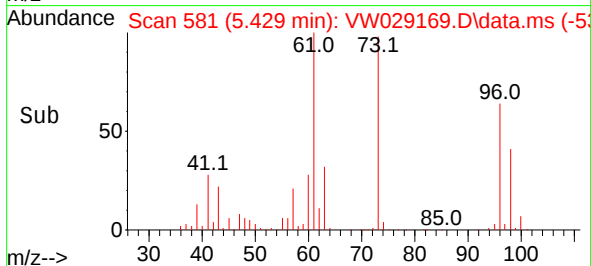
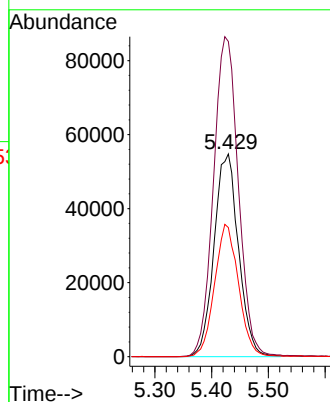
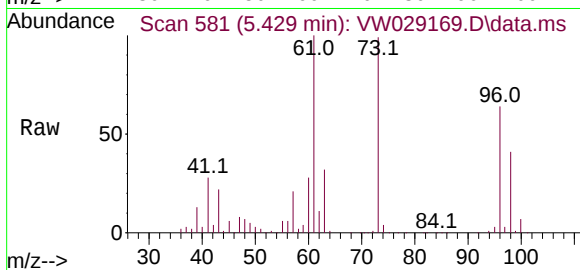
Tgt Ion: 96 Resp: 164039

Ion Ratio Lower Upper

96 100

61 155.5 101.5 188.5

98 63.7 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 57.679 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

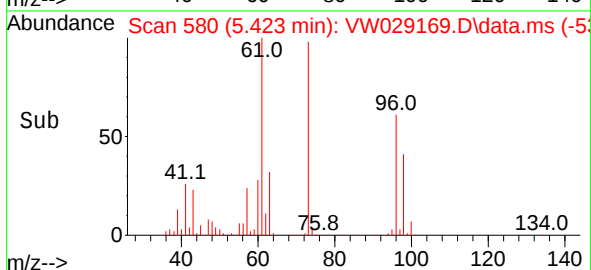
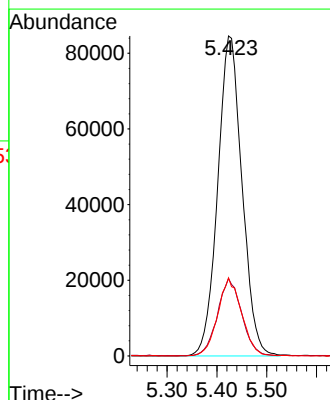
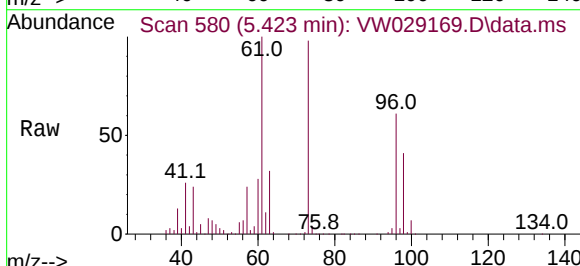
Tgt Ion: 73 Resp: 286341

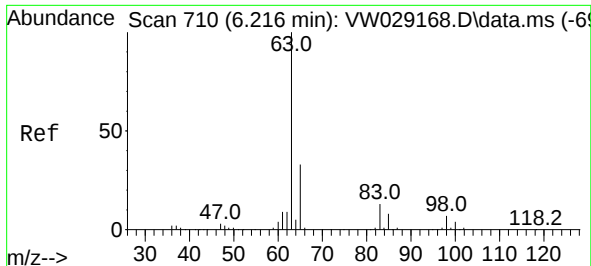
Ion Ratio Lower Upper

73 100

43 23.9 19.5 29.3

57 23.9 18.4 27.6





#19

1,1-Dichloroethane

Concen: 51.587 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

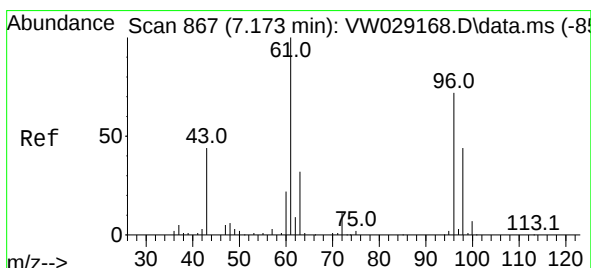
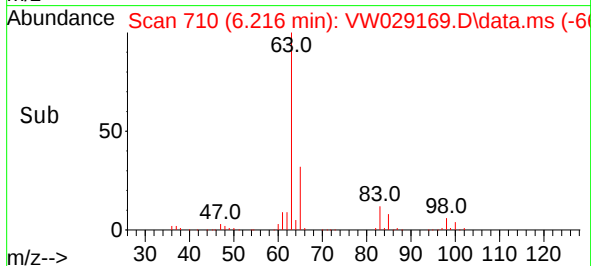
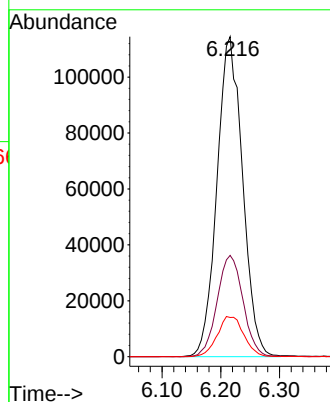
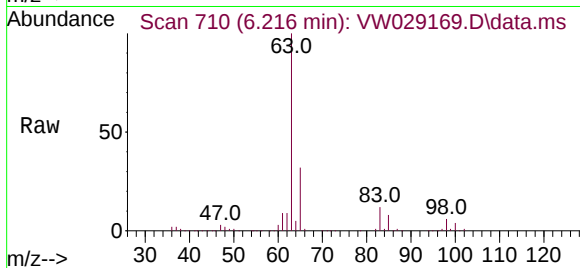
Tgt Ion: 63 Resp: 345879

Ion Ratio Lower Upper

63 100

65 31.6 23.4 43.4

83 12.2 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 54.373 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

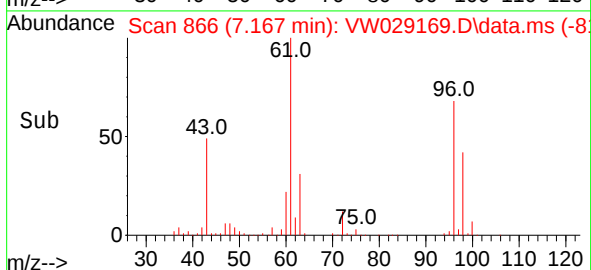
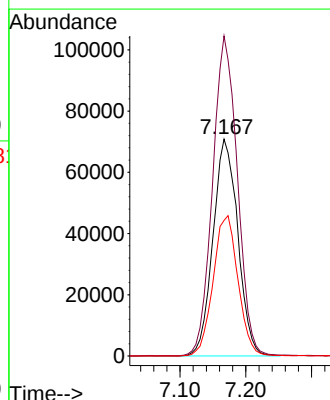
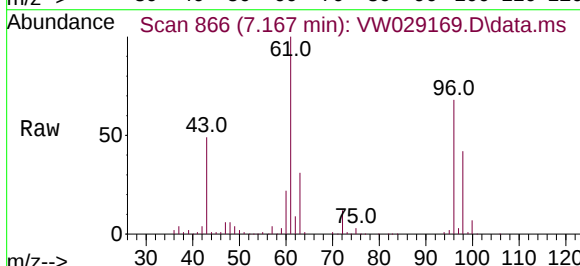
Tgt Ion: 96 Resp: 186133

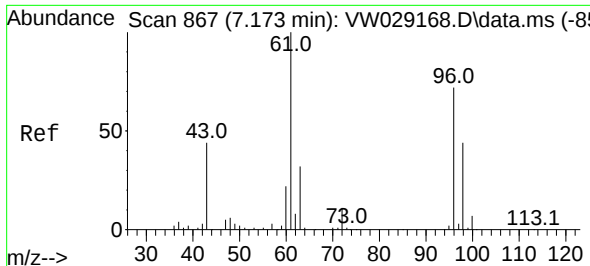
Ion Ratio Lower Upper

96 100

61 147.5 97.8 181.6

98 62.5 43.0 79.8





#22

2-Butanone

Concen: 116.701 ug/L

RT: 7.167 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

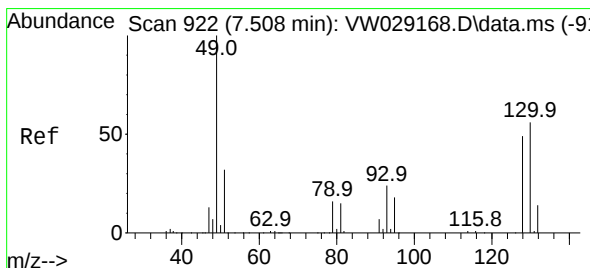
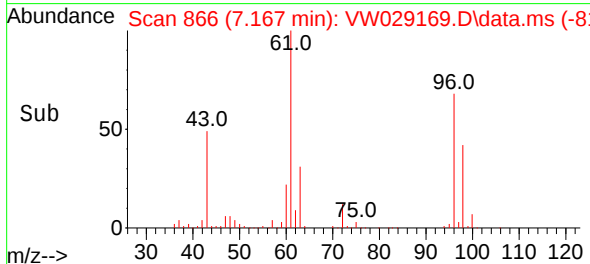
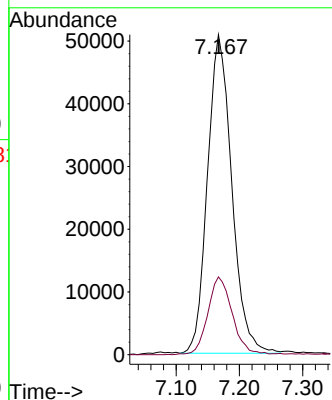
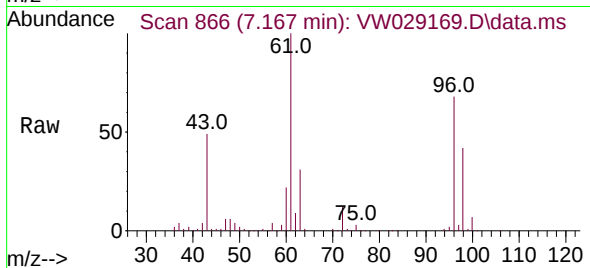
ClientSampleId :

Tgt Ion: 43 Resp: 135462

Ion Ratio Lower Upper

43 100

72 24.1 11.9 35.7



#23

Bromochloromethane

Concen: 51.182 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Tgt Ion:128 Resp: 77998

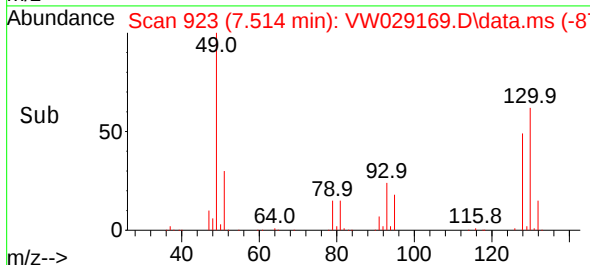
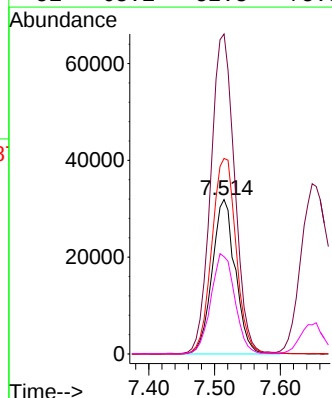
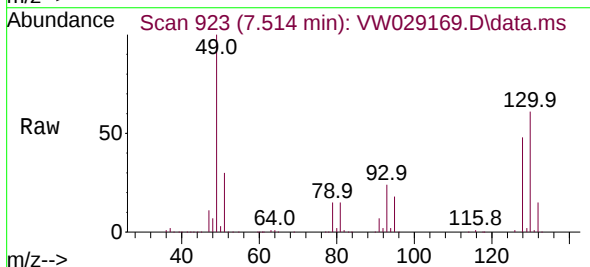
Ion Ratio Lower Upper

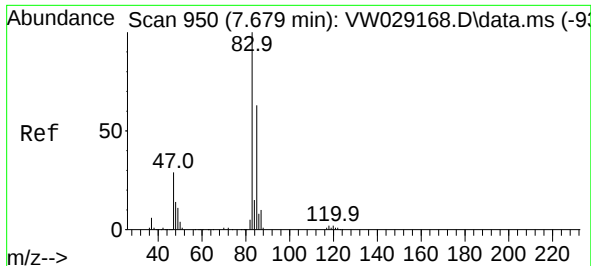
128 100

49 207.2 142.6 264.8

130 126.7 79.7 148.1

51 63.1 52.3 78.5





#25

Chloroform

Concen: 53.248 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

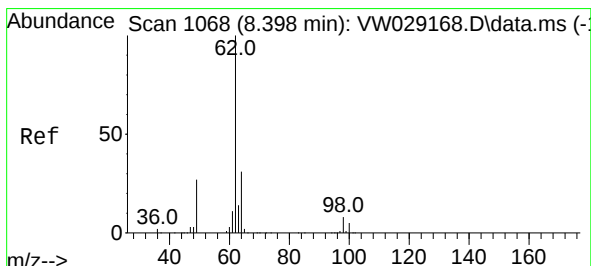
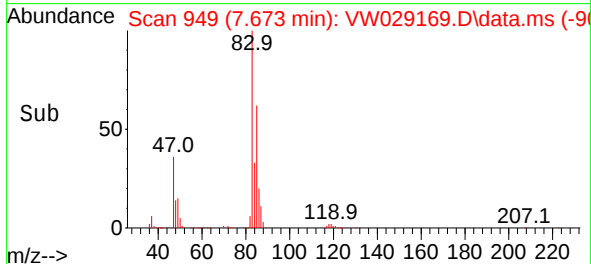
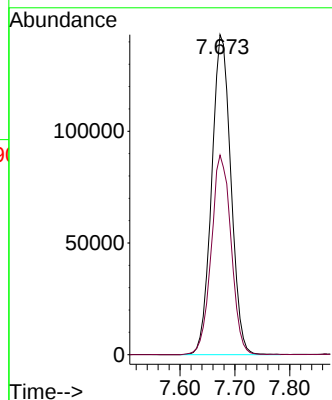
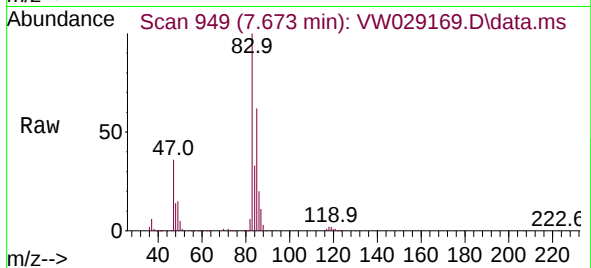
ClientSampleId :

Tgt Ion: 83 Resp: 348618

Ion Ratio Lower Upper

83 100

85 62.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 52.836 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029169.D

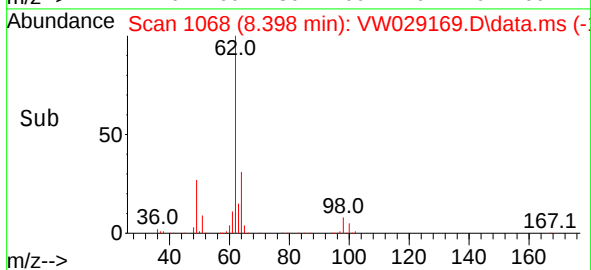
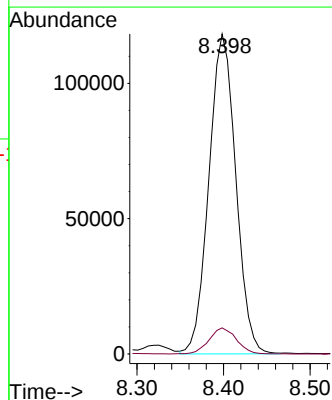
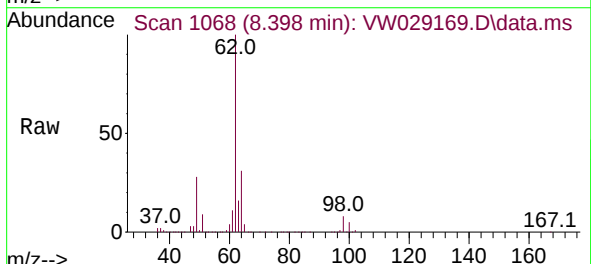
Acq: 18 Jun 2024 10:43

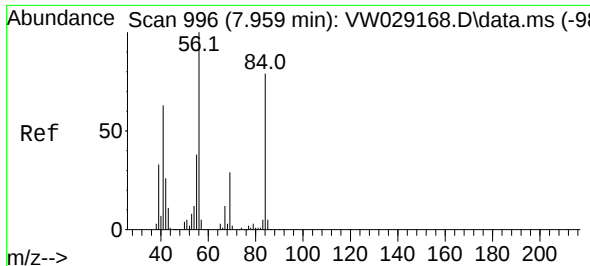
Tgt Ion: 62 Resp: 255123

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0





#29

Cyclohexane

Concen: 57.350 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

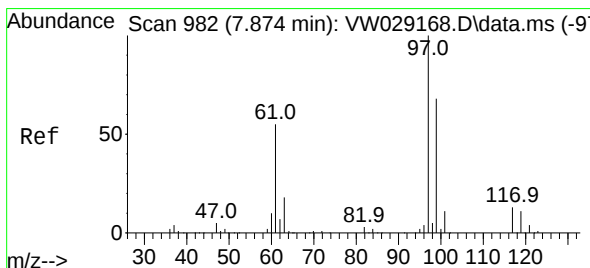
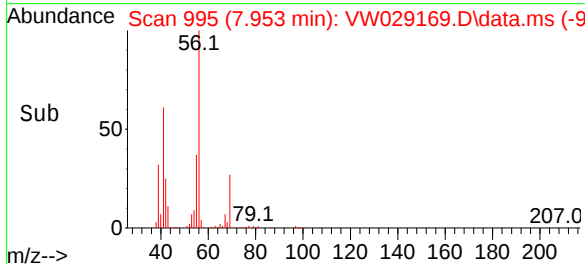
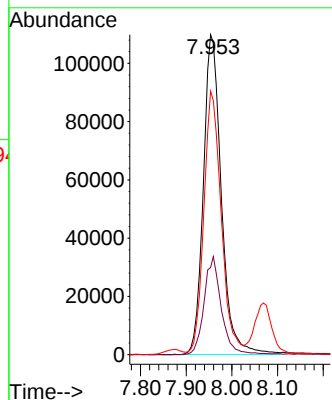
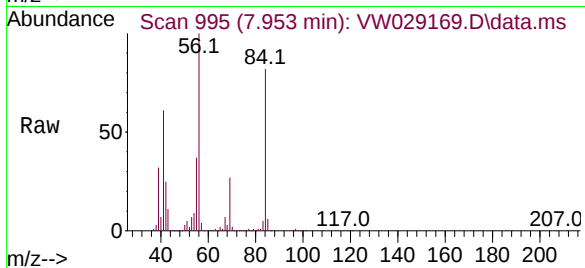
Tgt Ion: 56 Resp: 300412

Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.0

84 79.7 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 51.762 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

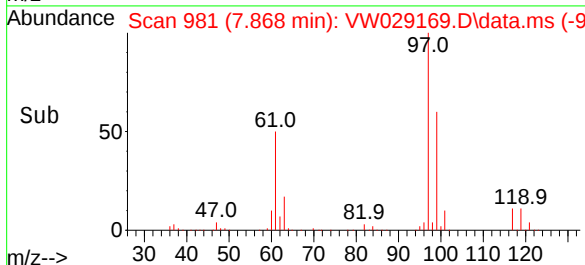
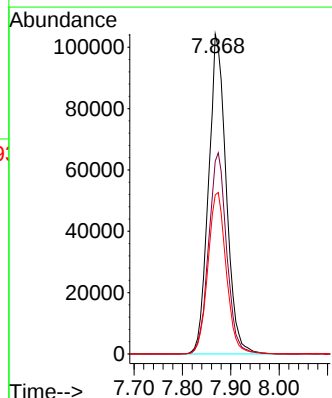
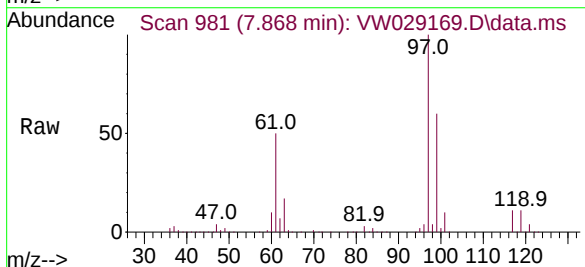
Tgt Ion: 97 Resp: 263736

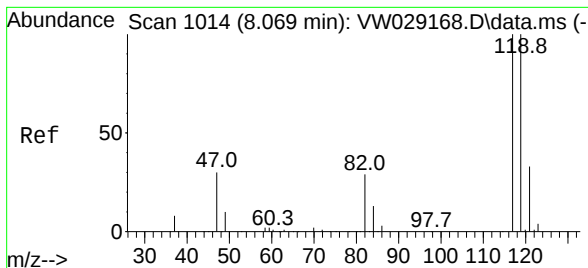
Ion Ratio Lower Upper

97 100

99 64.4 53.0 79.4

61 52.6 43.0 64.4





#31

Carbon tetrachloride

Concen: 52.221 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

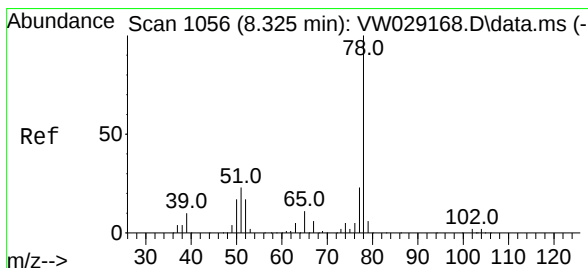
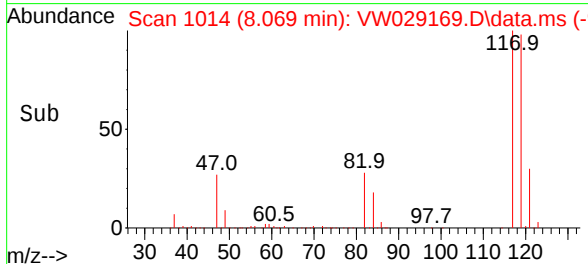
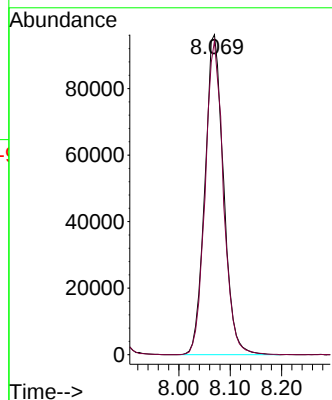
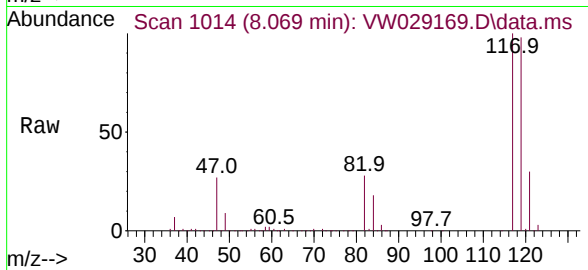
ClientSampleId :

Tgt Ion:117 Resp: 243058

Ion Ratio Lower Upper

117 100

119 95.8 79.0 118.4



#33

Benzene

Concen: 52.305 ug/L

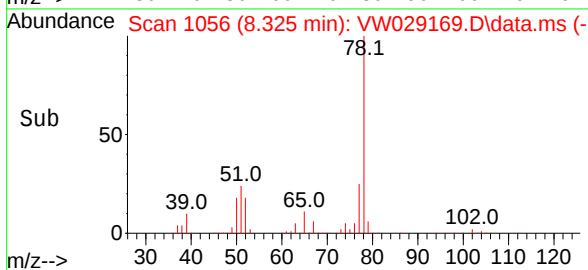
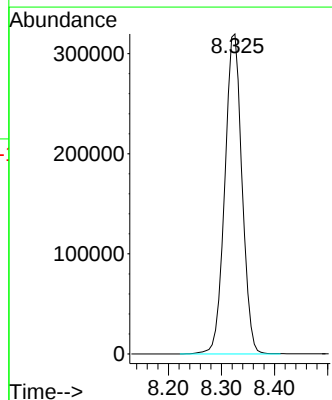
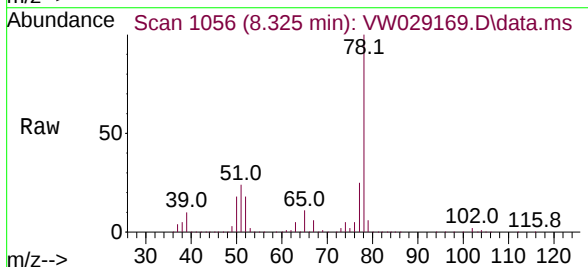
RT: 8.325 min Scan# 1056

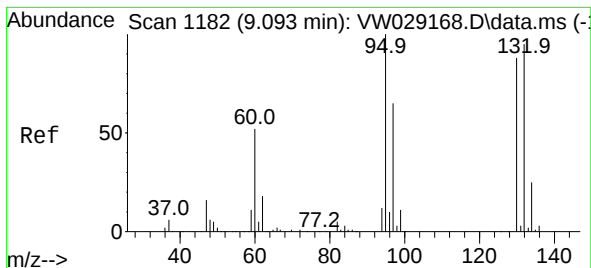
Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Tgt Ion: 78 Resp: 720113





#34

Trichloroethene

Concen: 51.174 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

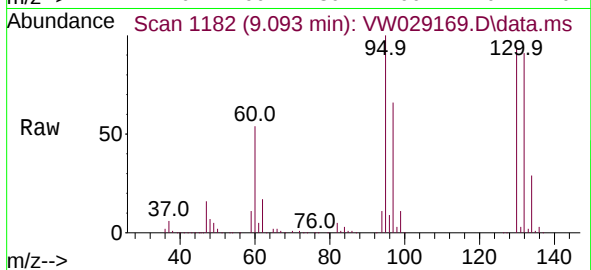
Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 187963

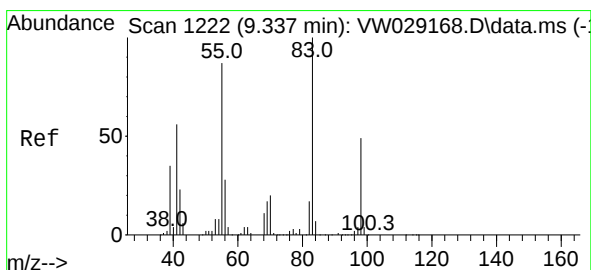
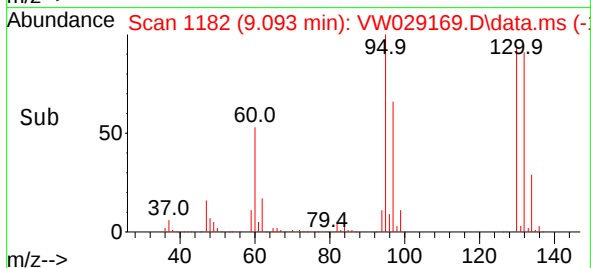
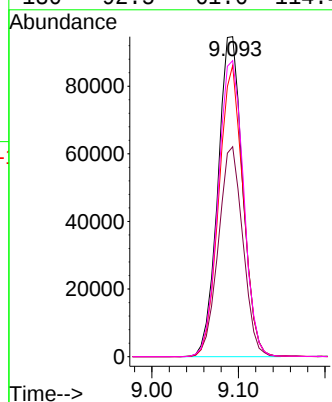
Ion Ratio Lower Upper

95 100

97 65.6 45.7 84.9

132 91.0 66.4 123.4

130 92.5 61.6 114.4



#35

Methylcyclohexane

Concen: 55.668 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

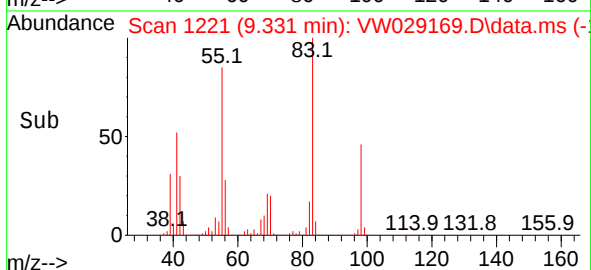
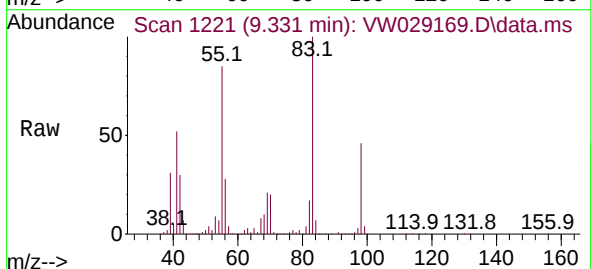
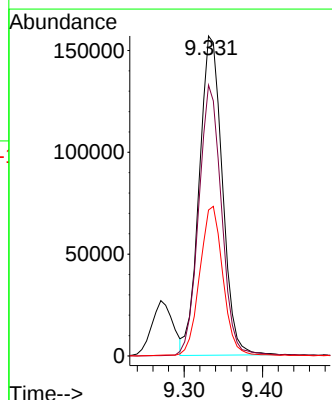
Tgt Ion: 83 Resp: 321572

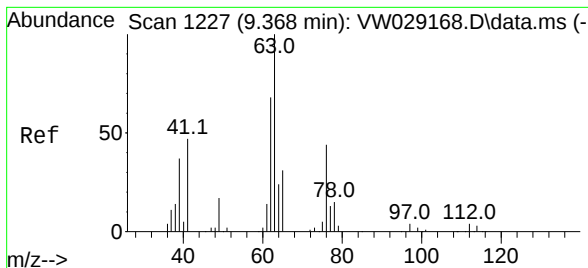
Ion Ratio Lower Upper

83 100

55 83.3 69.5 104.3

98 47.1 38.0 57.0





#37

1,2-Dichloropropane

Concen: 52.756 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

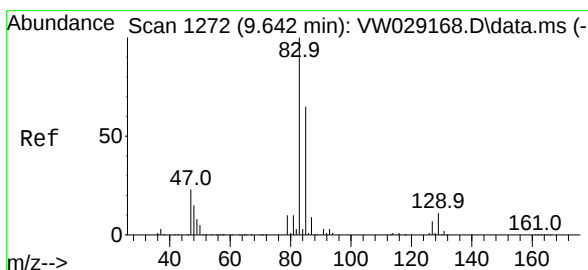
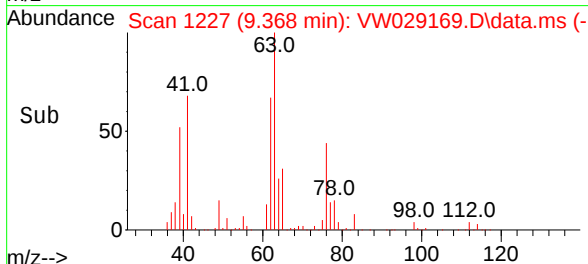
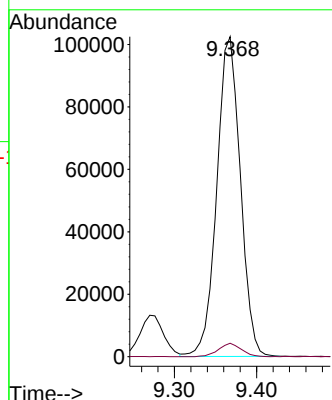
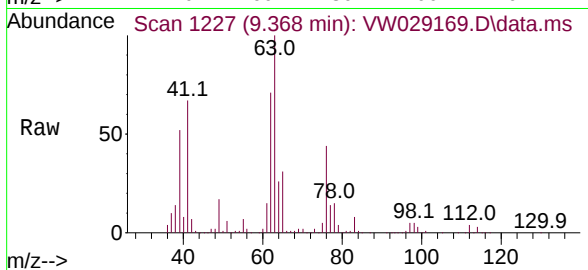
ClientSampleId :

Tgt Ion: 63 Resp: 204176

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6



#38

Bromodichloromethane

Concen: 52.855 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

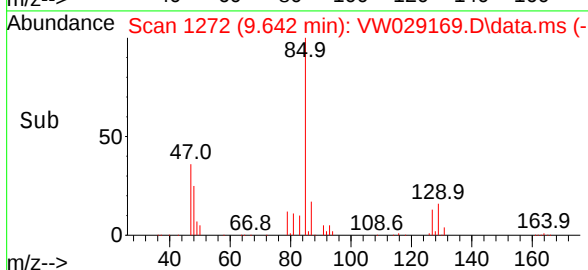
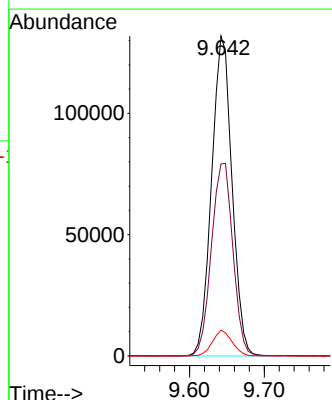
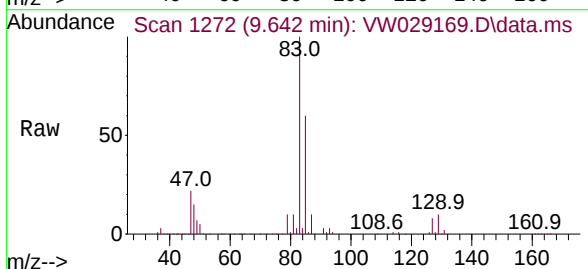
Tgt Ion: 83 Resp: 250003

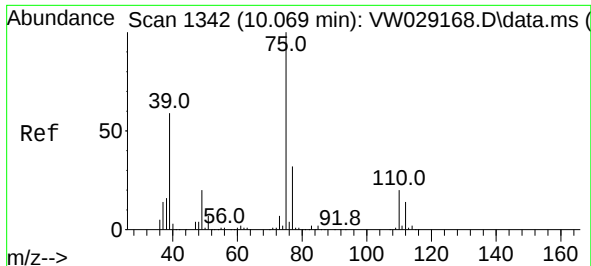
Ion Ratio Lower Upper

83 100

85 60.0 45.1 83.9

127 8.0 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 57.336 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

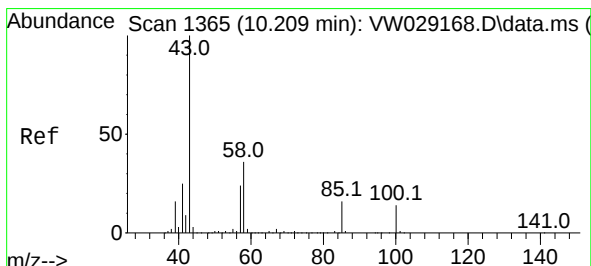
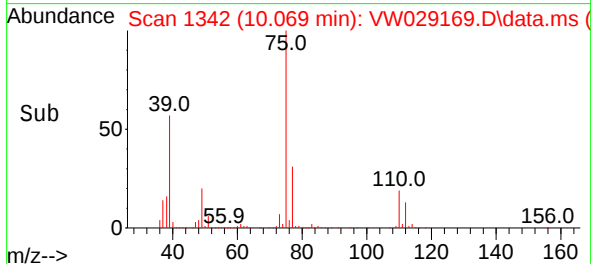
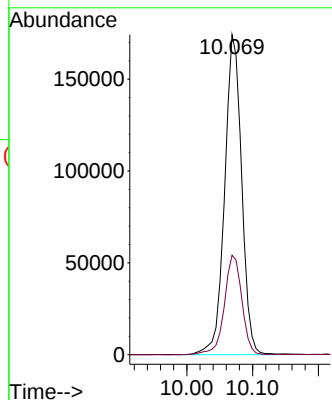
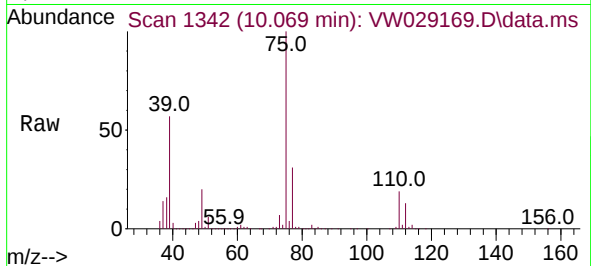
ClientSampleId :

Tgt Ion: 75 Resp: 313547

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 119.567 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

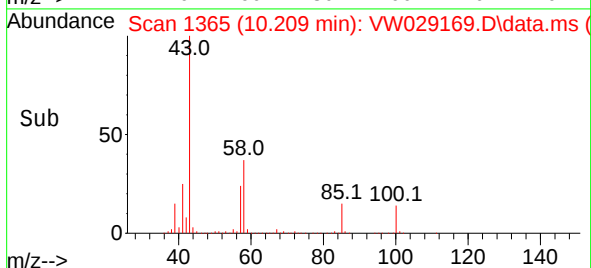
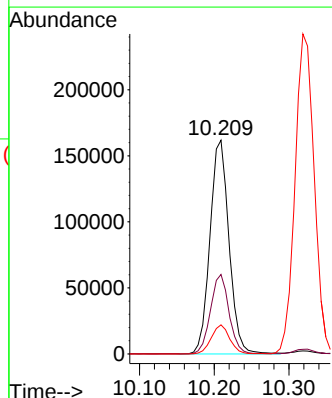
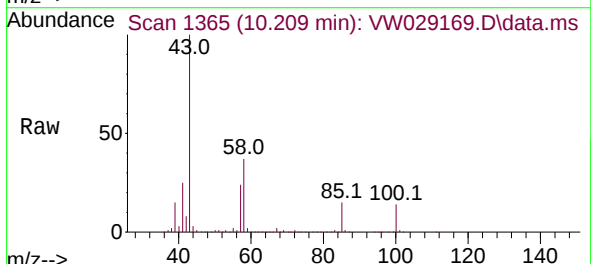
Tgt Ion: 43 Resp: 286695

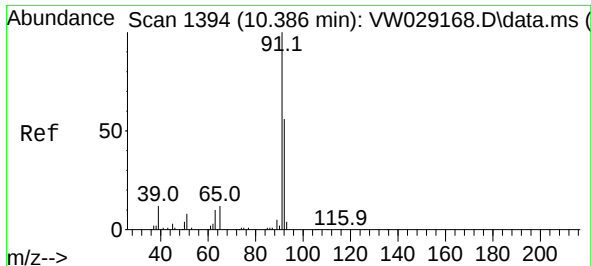
Ion Ratio Lower Upper

43 100

58 36.4 28.2 42.4

100 13.3 11.0 16.4

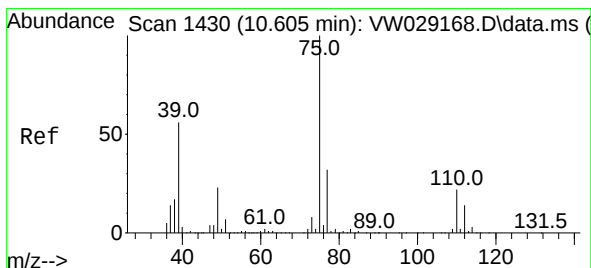
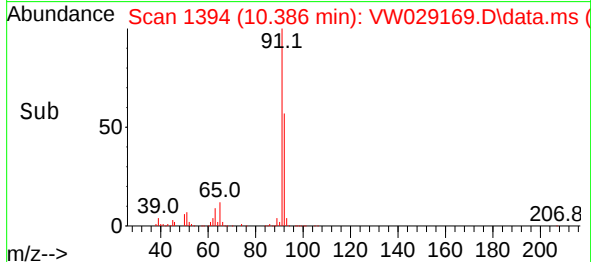
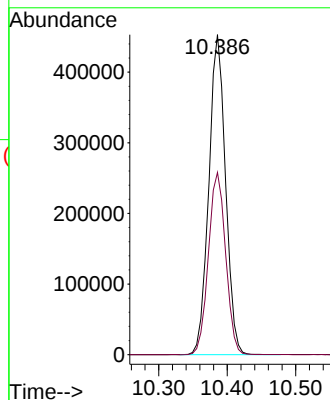
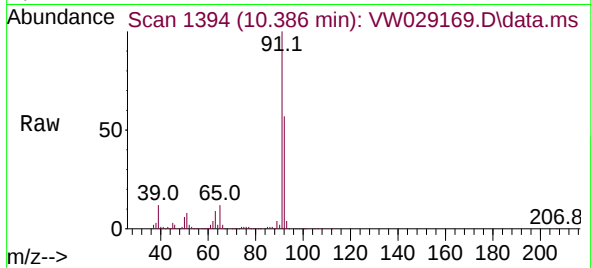




#42
Toluene
Concen: 54.331 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029169.D
Acq: 18 Jun 2024 10:43

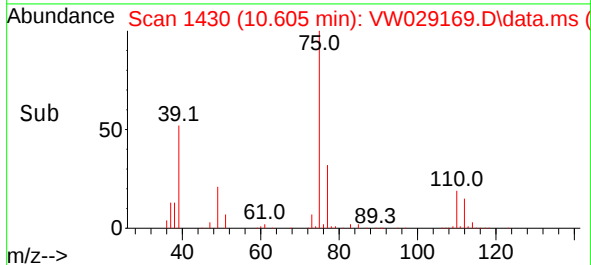
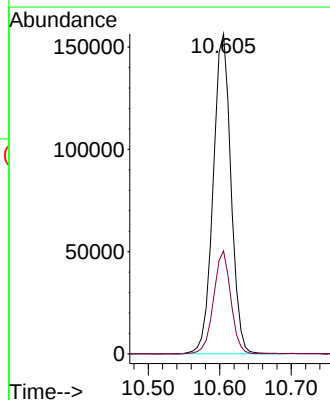
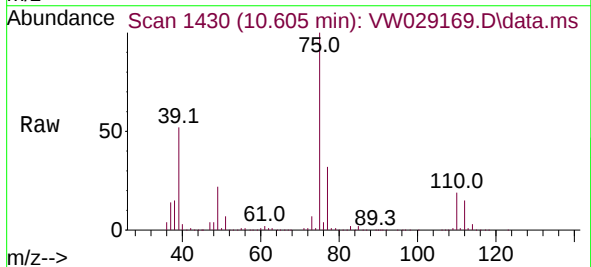
Instrument :
MSVOA_W
ClientSampleId :

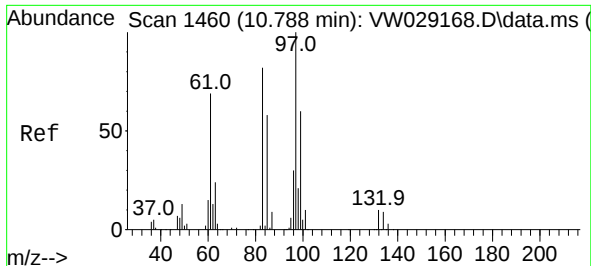
Tgt Ion: 91 Resp: 768971
Ion Ratio Lower Upper
91 100
92 57.0 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 58.412 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029169.D
Acq: 18 Jun 2024 10:43

Tgt Ion: 75 Resp: 269720
Ion Ratio Lower Upper
75 100
77 32.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 52.595 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 141708

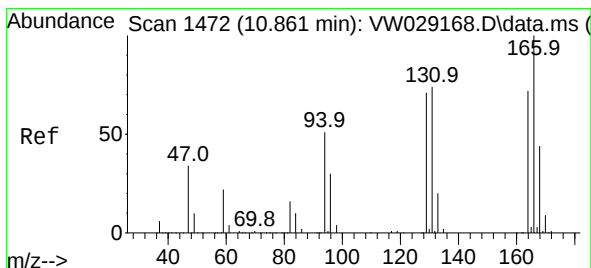
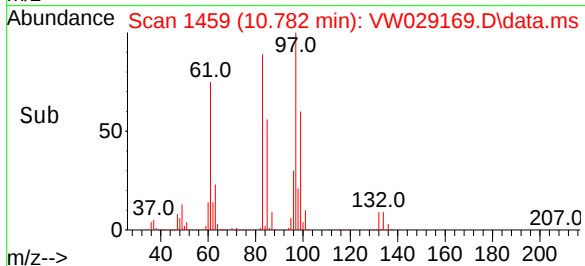
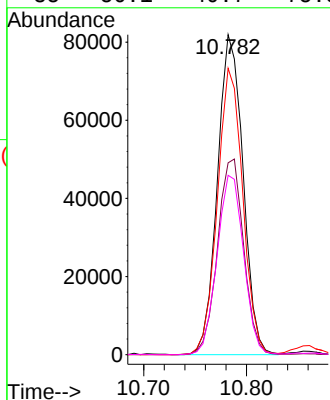
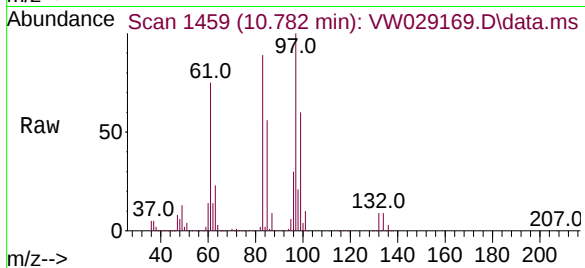
Ion Ratio Lower Upper

97 100

99 59.9 42.3 78.5

83 89.5 57.7 107.1

85 56.1 40.7 75.5



#46

Tetrachloroethene

Concen: 52.406 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Tgt Ion:164 Resp: 134560

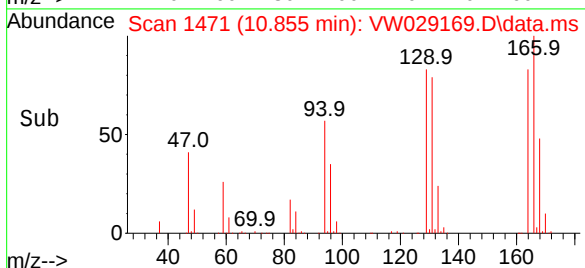
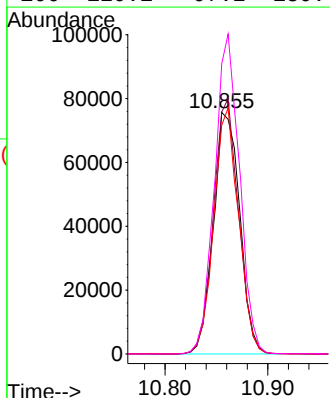
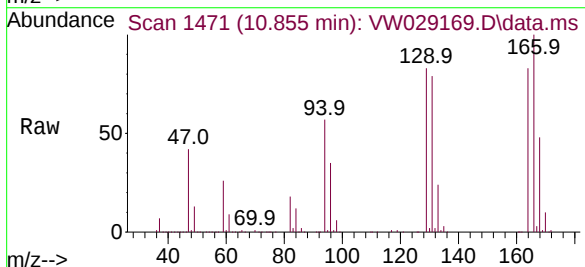
Ion Ratio Lower Upper

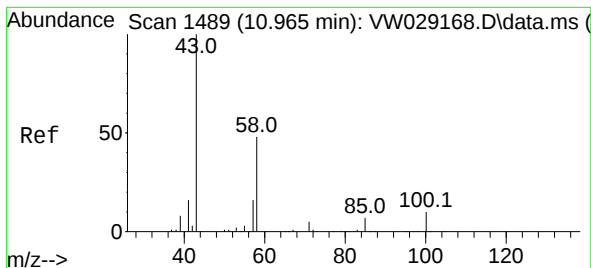
164 100

129 100.2 68.5 127.3

131 94.7 71.8 133.4

166 120.1 97.2 180.4





#48

2-Hexanone

Concen: 122.650 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

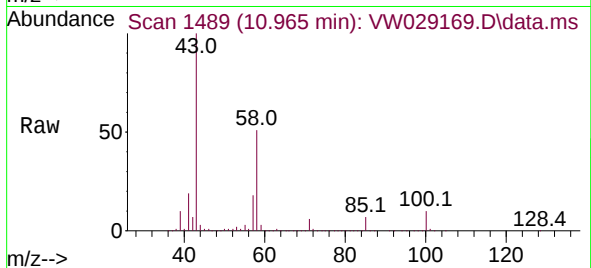
Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 208677

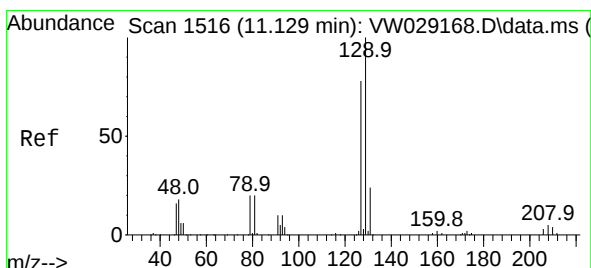
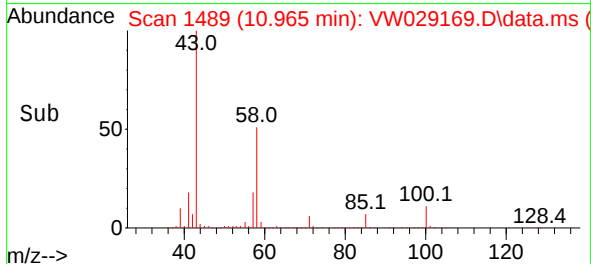
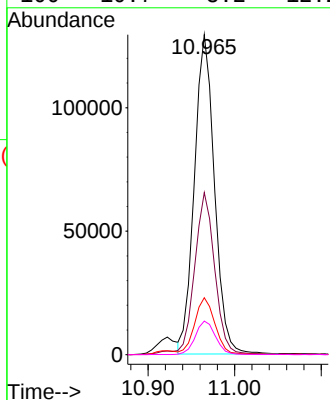
Ion Ratio Lower Upper

43 100

58 50.4 39.6 59.4

57 17.7 14.6 21.8

100 10.7 8.2 12.2



#49

Dibromochloromethane

Concen: 55.007 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW029169.D

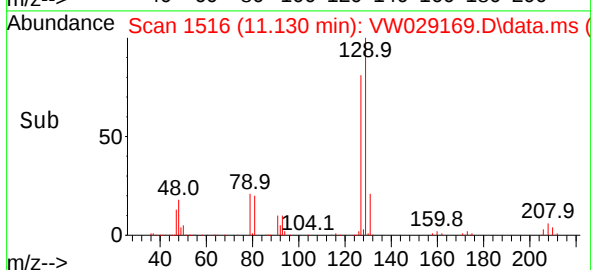
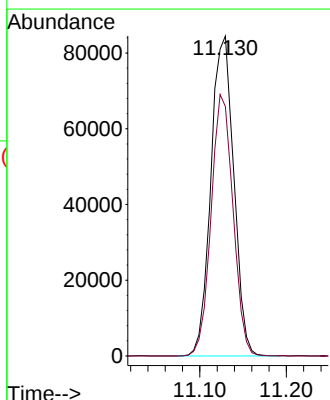
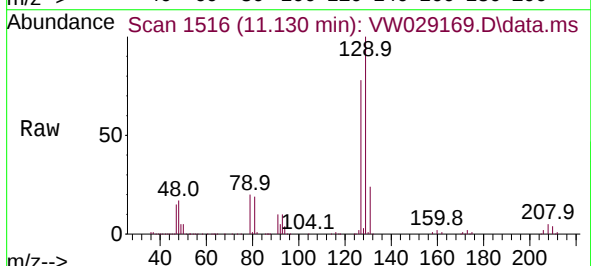
Acq: 18 Jun 2024 10:43

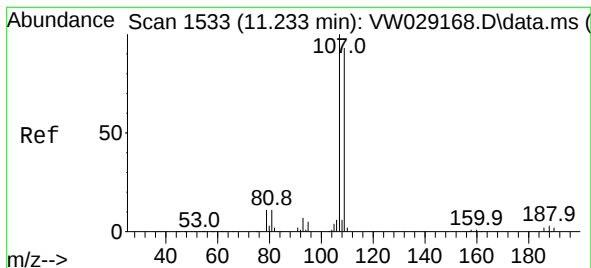
Tgt Ion:129 Resp: 154926

Ion Ratio Lower Upper

129 100

127 77.9 54.8 101.8





#50

1,2-Dibromoethane

Concen: 54.396 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

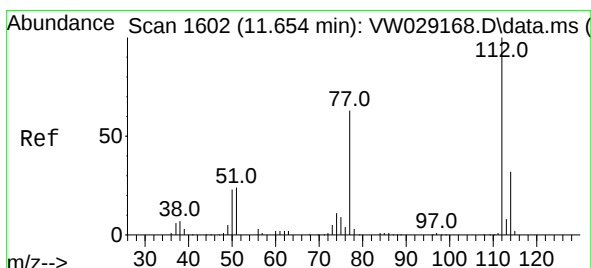
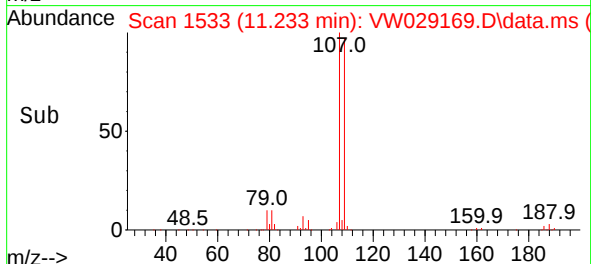
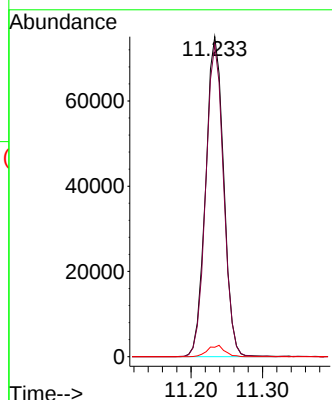
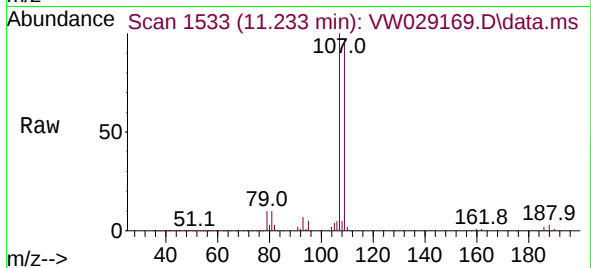
Tgt Ion:107 Resp: 131561

Ion Ratio Lower Upper

107 100

109 97.5 65.5 121.6

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 52.496 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

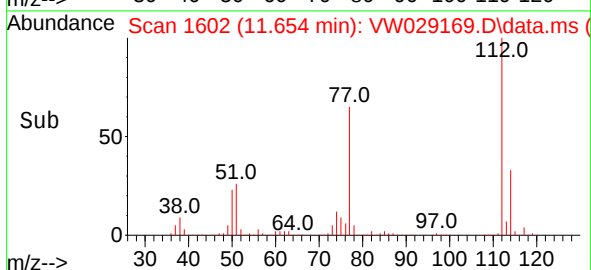
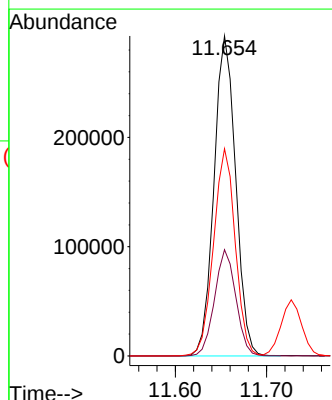
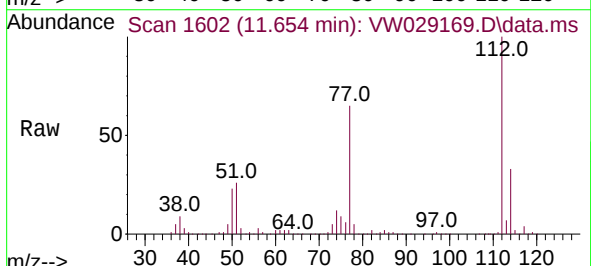
Tgt Ion:112 Resp: 482484

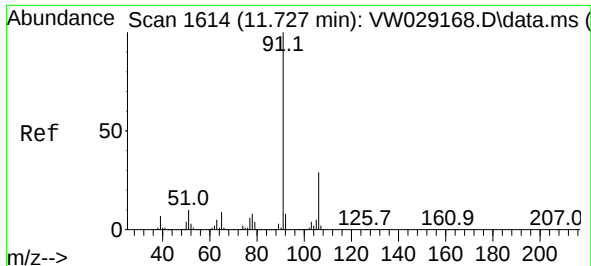
Ion Ratio Lower Upper

112 100

114 33.2 22.6 42.0

77 64.8 51.0 76.6





#52

Ethylbenzene

Concen: 56.216 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

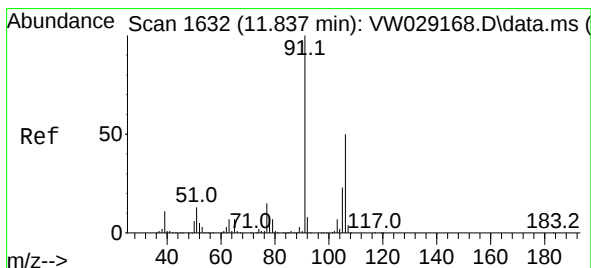
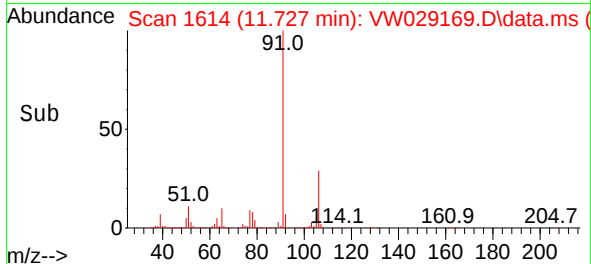
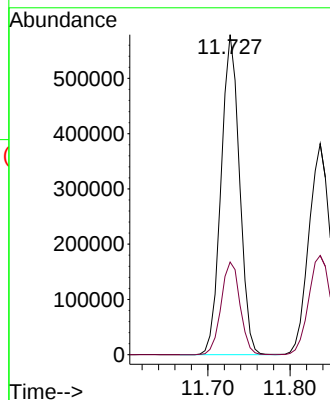
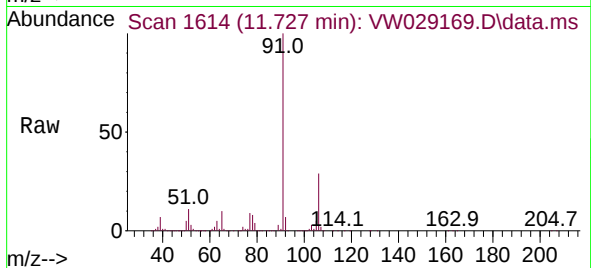
ClientSampleId :

Tgt Ion: 91 Resp: 903160

Ion Ratio Lower Upper

91 100

106 29.0 19.9 37.0



#53

m,p-Xylene

Concen: 56.631 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029169.D

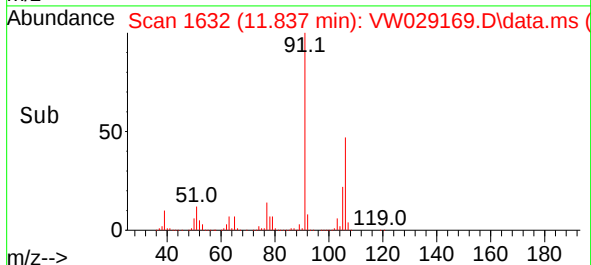
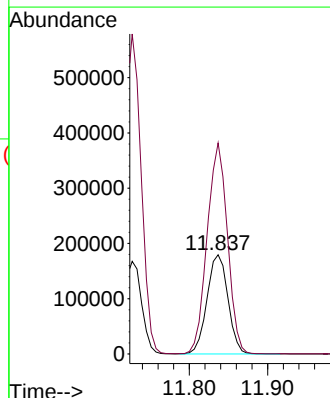
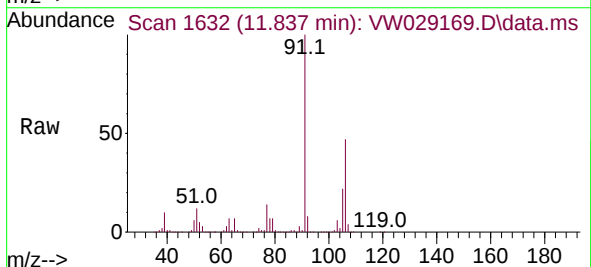
Acq: 18 Jun 2024 10:43

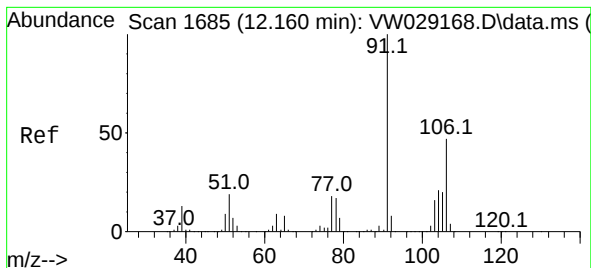
Tgt Ion:106 Resp: 332329

Ion Ratio Lower Upper

106 100

91 212.9 140.5 260.9





#54

o-Xylene

Concen: 57.424 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

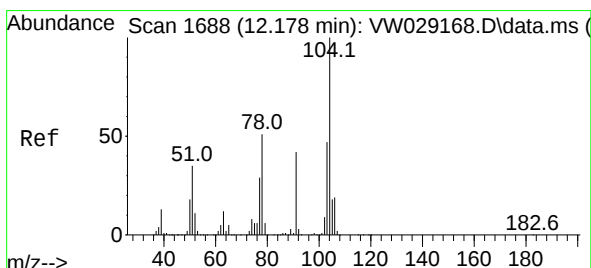
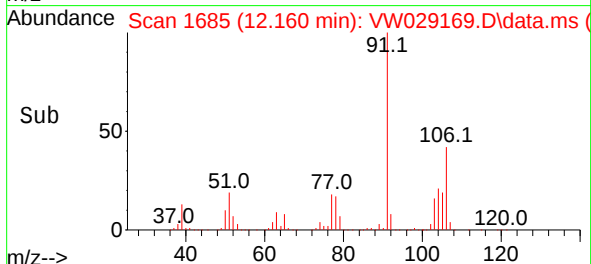
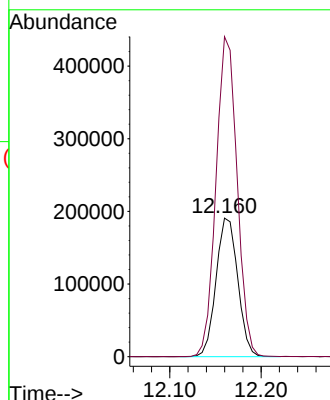
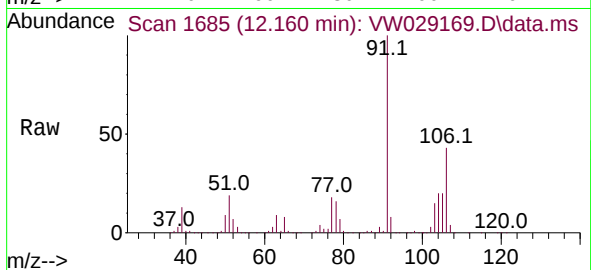
ClientSampleId :

Tgt Ion:106 Resp: 314940

Ion Ratio Lower Upper

106 100

91 230.8 149.9 278.5



#55

Styrene

Concen: 57.366 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029169.D

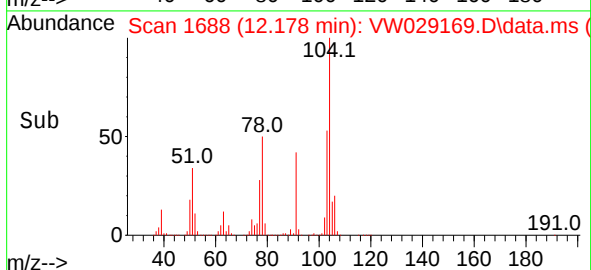
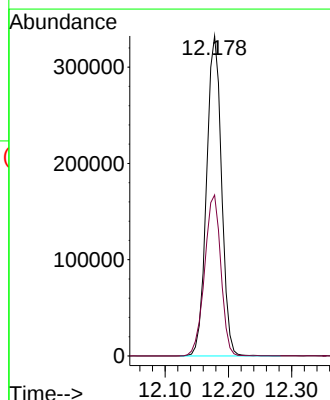
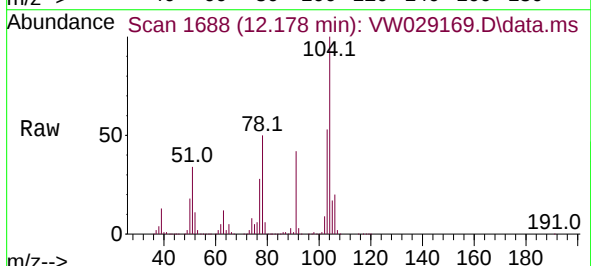
Acq: 18 Jun 2024 10:43

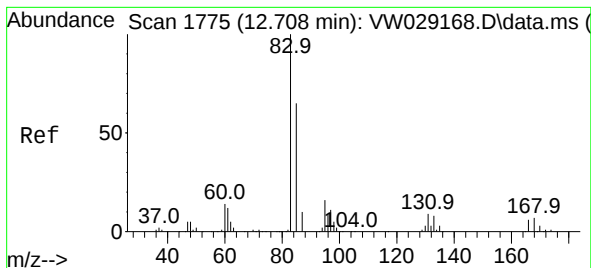
Tgt Ion:104 Resp: 548570

Ion Ratio Lower Upper

104 100

78 50.3 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 54.201 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

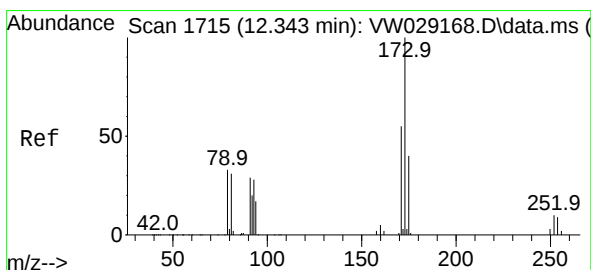
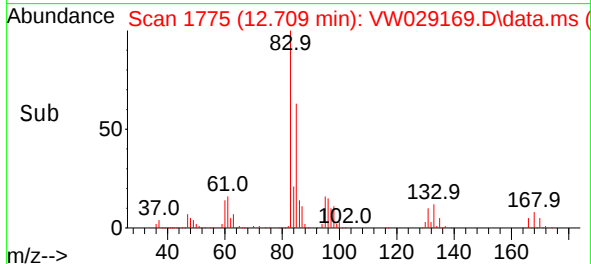
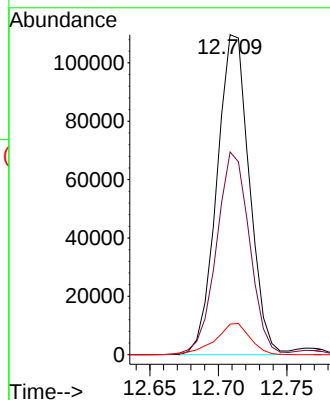
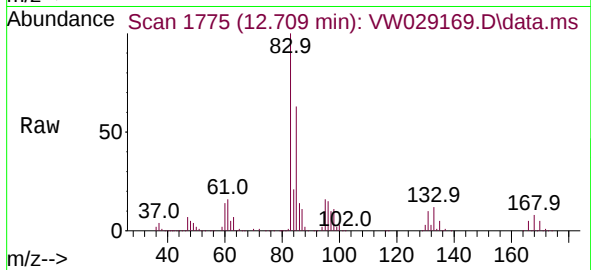
Tgt Ion: 83 Resp: 180641

Ion Ratio Lower Upper

83 100

85 63.3 45.8 85.0

131 9.5 7.8 11.6



#59

Bromoform

Concen: 53.117 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

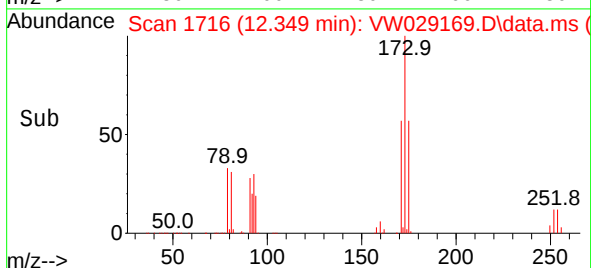
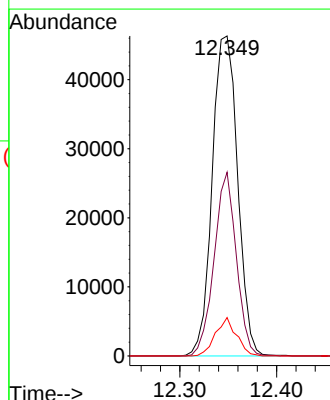
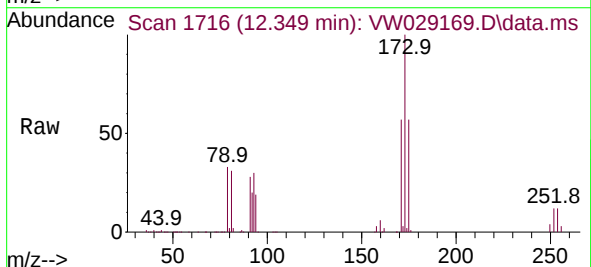
Tgt Ion:173 Resp: 84553

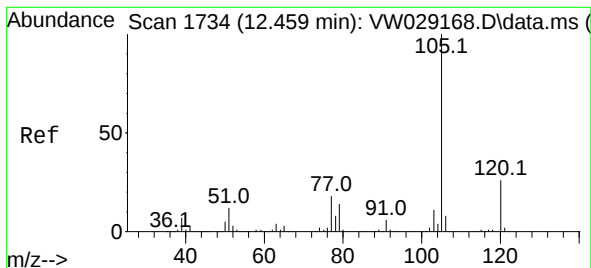
Ion Ratio Lower Upper

173 100

175 50.1 37.8 56.8

254 9.9 7.8 11.6





#60

Isopropylbenzene

Concen: 56.266 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

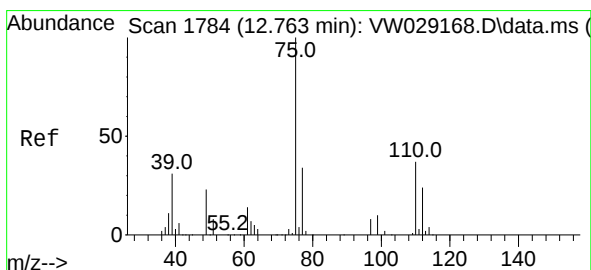
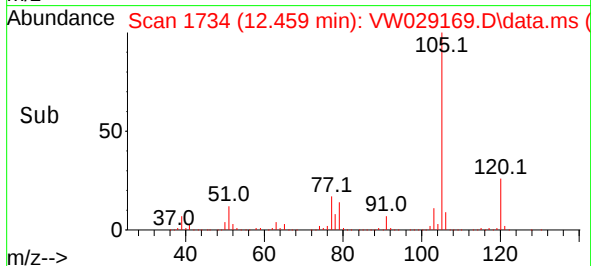
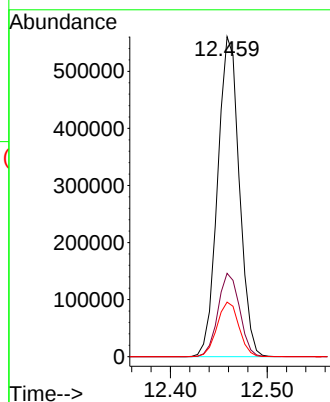
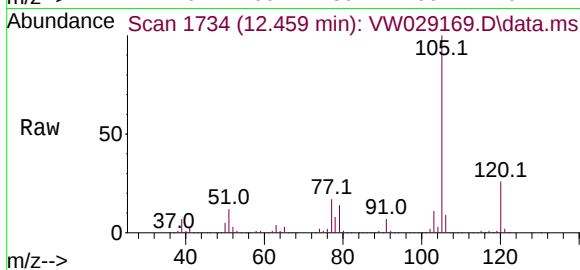
Tgt Ion:105 Resp: 870759

Ion Ratio Lower Upper

105 100

120 26.0 20.5 30.7

77 17.3 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 52.511 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

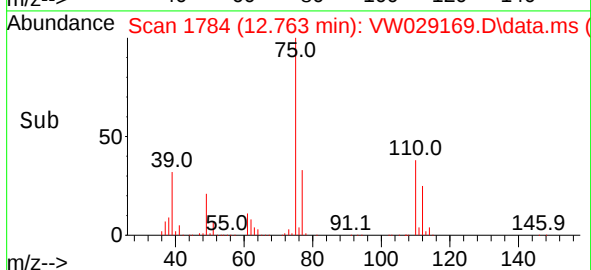
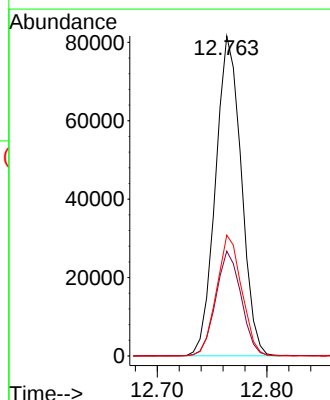
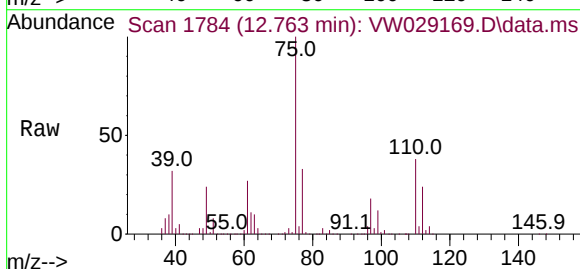
Tgt Ion: 75 Resp: 133026

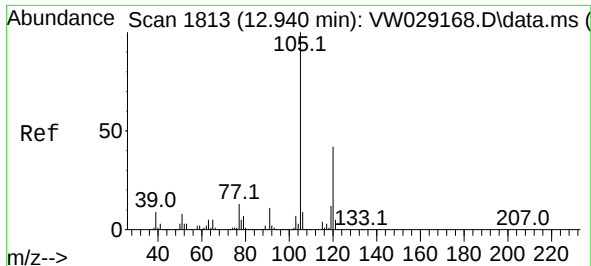
Ion Ratio Lower Upper

75 100

77 32.1 26.6 39.8

110 37.0 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 59.070 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

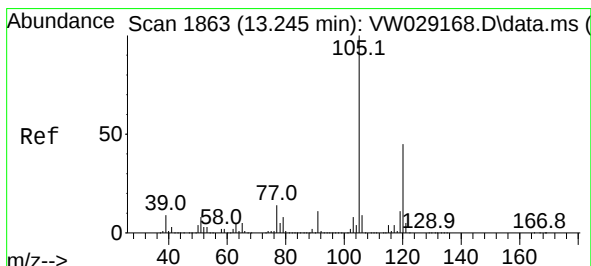
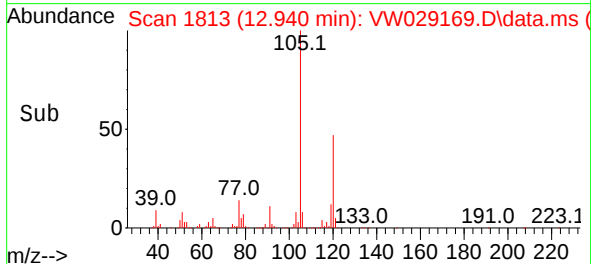
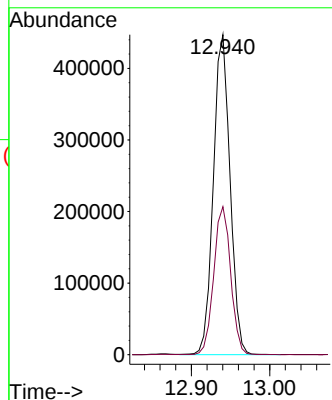
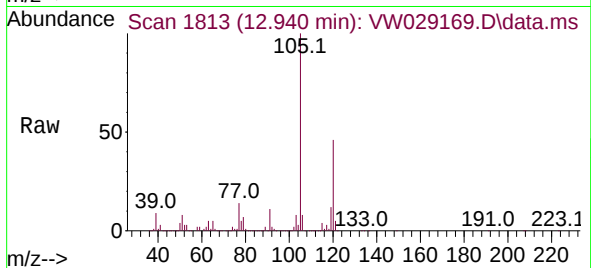
ClientSampleId :

Tgt Ion:105 Resp: 662050

Ion Ratio Lower Upper

105 100

120 46.9 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 59.771 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029169.D

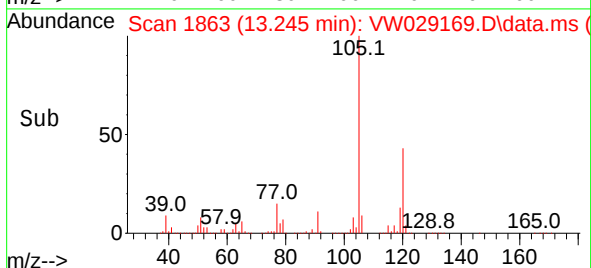
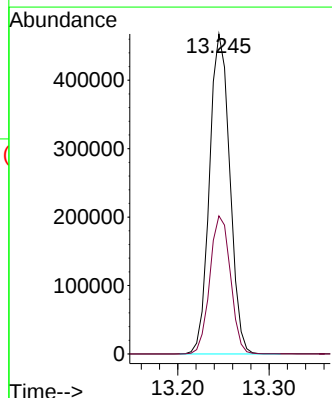
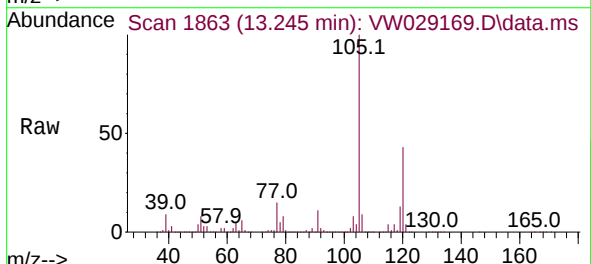
Acq: 18 Jun 2024 10:43

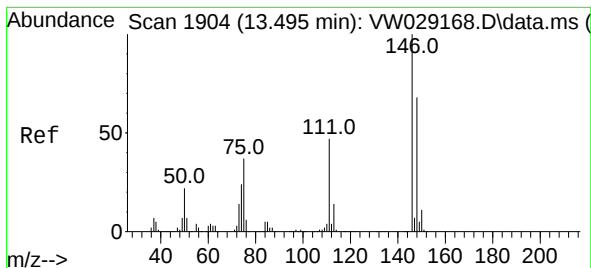
Tgt Ion:105 Resp: 720784

Ion Ratio Lower Upper

105 100

120 43.8 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 54.744 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

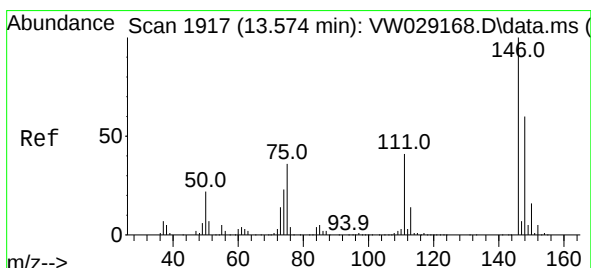
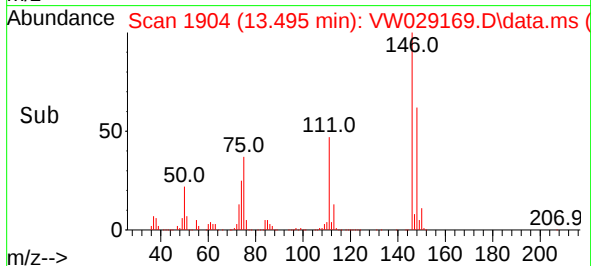
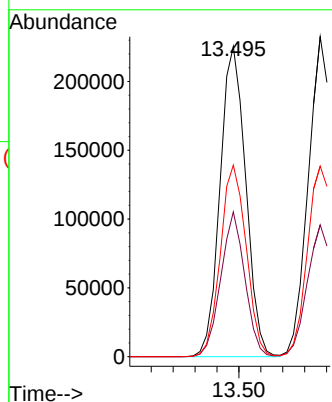
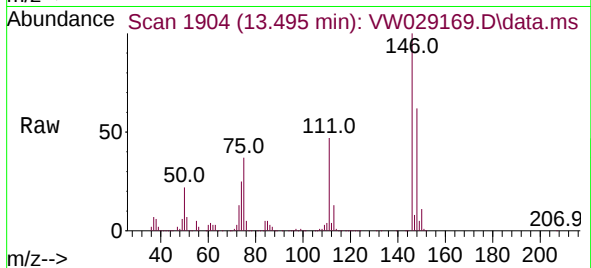
Tgt Ion:146 Resp: 366630

Ion Ratio Lower Upper

146 100

111 46.7 33.0 61.2

148 61.7 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 51.063 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

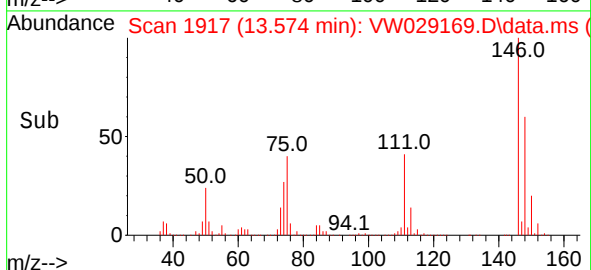
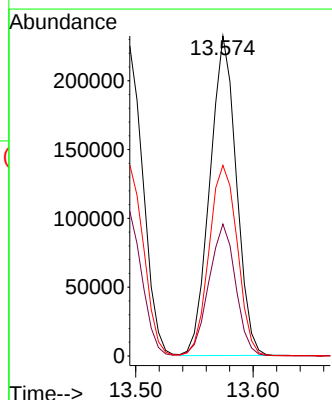
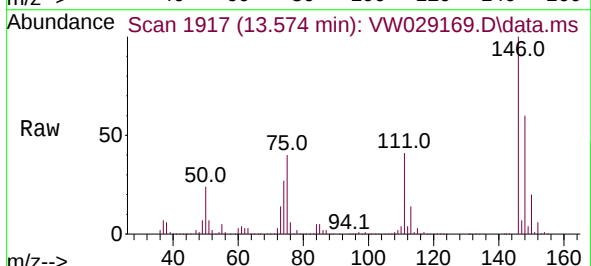
Tgt Ion:146 Resp: 363852

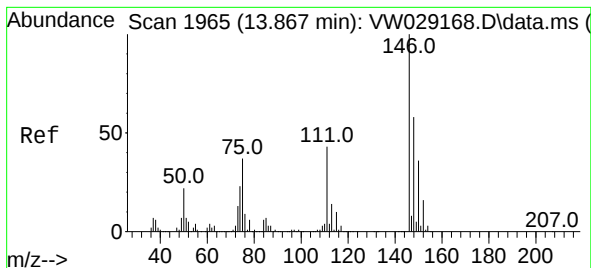
Ion Ratio Lower Upper

146 100

111 41.2 28.9 53.7

148 59.5 42.0 78.0

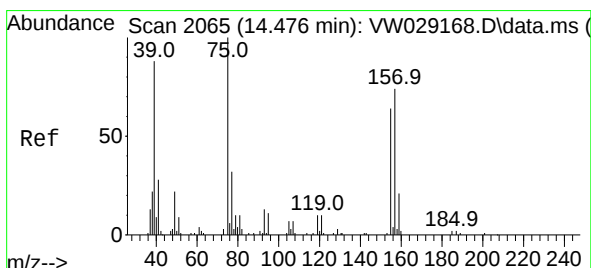
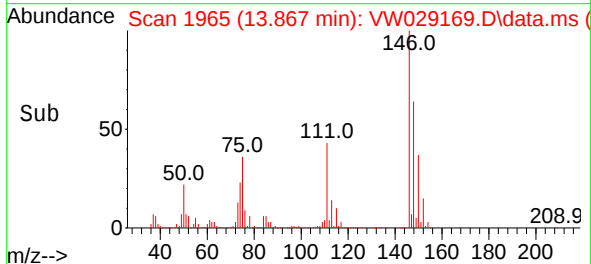
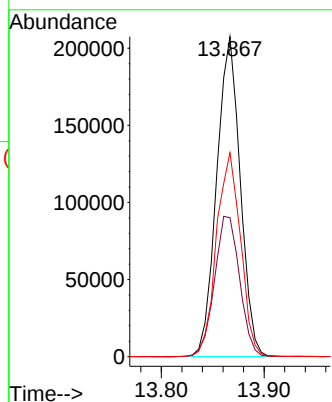
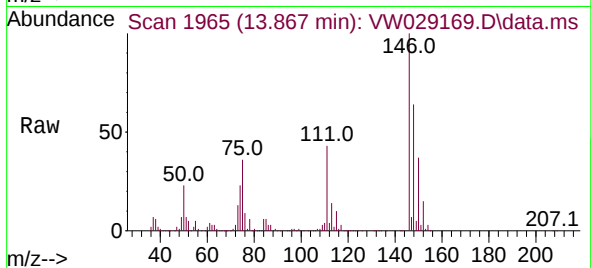




#67
1,2-Dichlorobenzene
Concen: 53.324 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029169.D
Acq: 18 Jun 2024 10:43

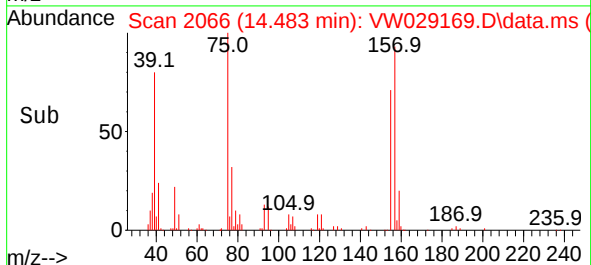
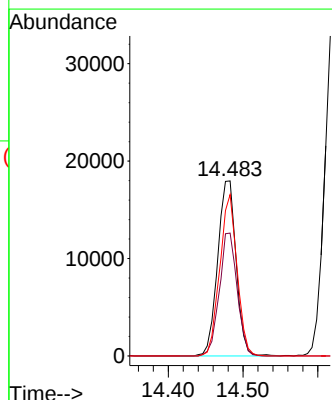
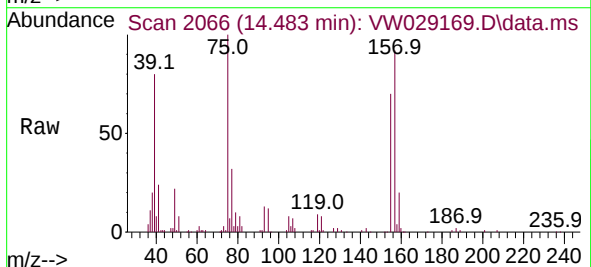
Instrument :
MSVOA_W
ClientSampleId :

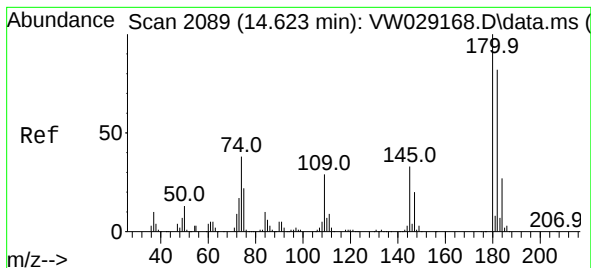
Tgt Ion:146 Resp: 330149
Ion Ratio Lower Upper
146 100
111 43.5 34.2 51.4
148 63.8 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 52.037 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029169.D
Acq: 18 Jun 2024 10:43

Tgt Ion: 75 Resp: 30763
Ion Ratio Lower Upper
75 100
155 70.2 51.0 76.6
157 92.2 58.8 88.2#





#69

1,3,5-Trichlorobenzene

Concen: 53.315 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

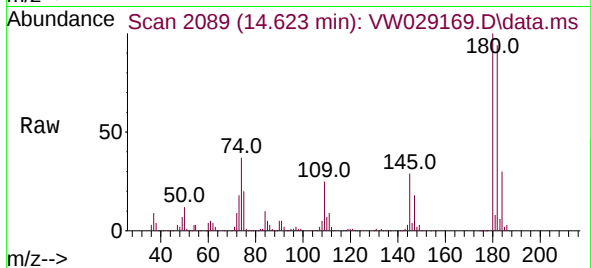
Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 240980

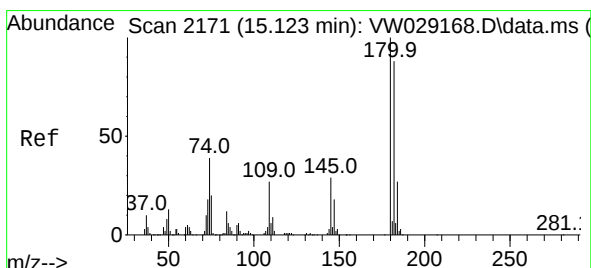
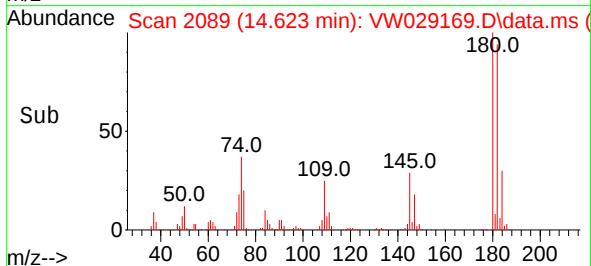
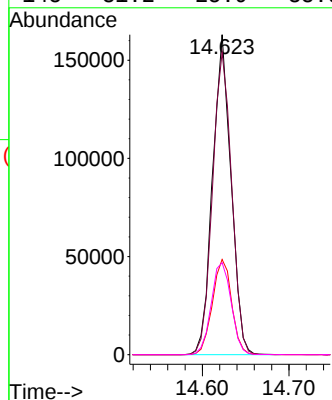
Ion Ratio Lower Upper

180 100

182 98.1 72.9 109.3

184 31.1 23.8 35.6

145 31.2 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 54.338 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

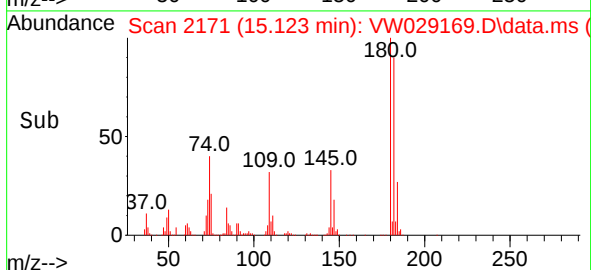
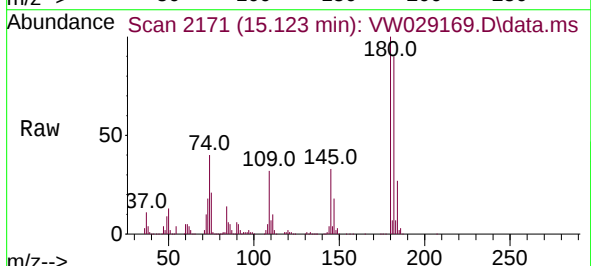
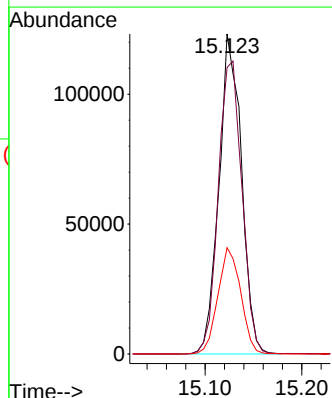
Tgt Ion:180 Resp: 199093

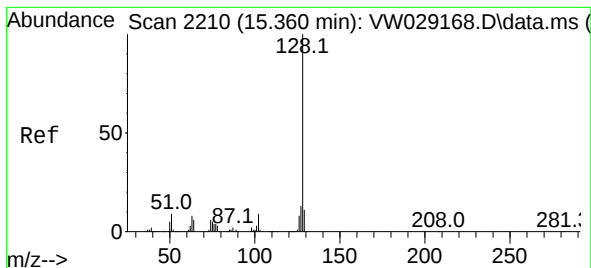
Ion Ratio Lower Upper

180 100

182 96.0 77.7 116.5

145 33.6 25.7 38.5





#71

Naphthalene

Concen: 63.610 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

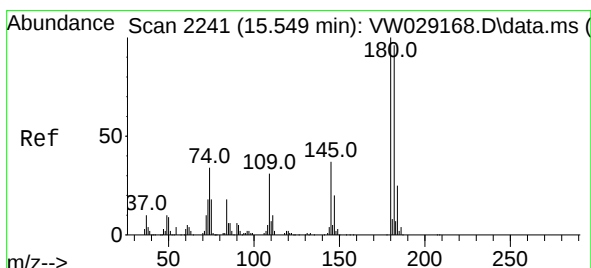
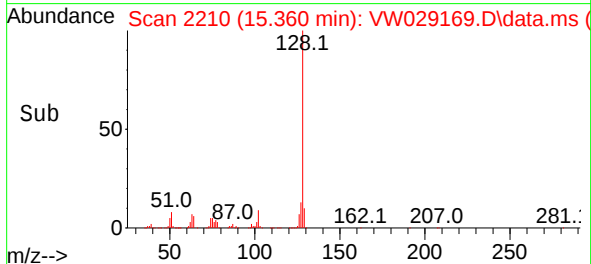
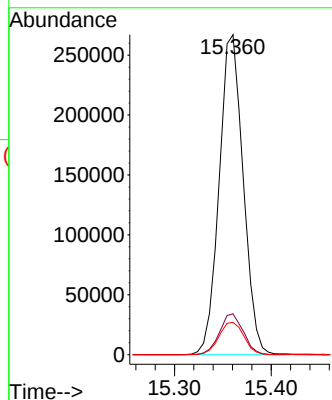
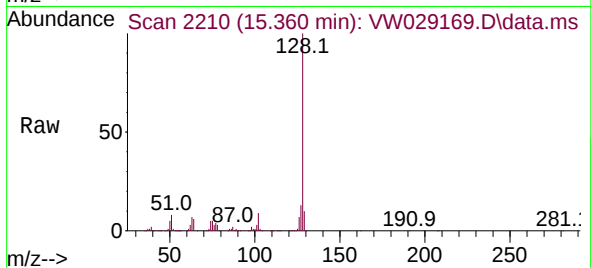
Tgt Ion:128 Resp: 460002

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.5 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 56.215 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029169.D

Acq: 18 Jun 2024 10:43

Tgt Ion:180 Resp: 187672

Ion Ratio Lower Upper

180 100

182 93.3 73.0 109.6

145 34.0 28.1 42.1

