

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029476.D
 Acq On : 08 Jul 2024 12:36
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 09 01:59:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	252916	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	236509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	117809	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	220912	61.172	ug/L	0.00
7) Chloroethane-d5	2.899	69	163173	54.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	102982	59.456	ug/L	0.00
21) 2-Butanone-d5	7.075	46	140984	129.365	ug/L	0.00
24) Chloroform-d	7.648	84	418997	55.153	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	244875	55.864	ug/L	0.00
32) Benzene-d6	8.276	84	826519	57.031	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	263900	56.978	ug/L	0.00
41) Toluene-d8	10.319	98	743705	58.301	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	114524	60.538	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	102360	137.369	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215503	57.917	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	235866	57.224	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	99083	40.834	ug/L	99
3) Chloromethane	2.229	50	173145	48.893	ug/L	97
5) Vinyl chloride	2.381	62	194589	48.197	ug/L	94
6) Bromomethane	2.789	94	117641	48.207	ug/L	92
8) Chloroethane	2.936	64	124157	49.983	ug/L	99
9) Trichlorofluoromethane	3.271	101	187233	58.136	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	174576	50.300	ug/L	98
12) 1,1-Dichloroethene	4.045	96	170131	56.799	ug/L	90
13) Acetone	4.118	43	139904	141.249	ug/L	98
14) Carbon disulfide	4.393	76	552774	55.796	ug/L	98
15) Methyl Acetate	4.667	43	117270	62.989	ug/L	99
16) Methylene chloride	4.923	84	193343	42.755	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	187512	55.903	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	332940	61.600	ug/L	99
19) 1,1-Dichloroethane	6.216	63	385781	53.943	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	209141	56.622	ug/L	99
22) 2-Butanone	7.167	43	182769	138.994	ug/L	99
23) Bromochloromethane	7.520	128	91583	55.827	ug/L	92
25) Chloroform	7.679	83	369520	53.152	ug/L	98
27) 1,2-Dichloroethane	8.398	62	278353	53.723	ug/L	98
29) Cyclohexane	7.959	56	343146	61.248	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	296193	54.985	ug/L	99
31) Carbon tetrachloride	8.069	117	270883	55.040	ug/L	100
33) Benzene	8.325	78	822926	56.670	ug/L	100
34) Trichloroethene	9.093	95	209613	53.878	ug/L	98
35) Methylcyclohexane	9.331	83	359818	58.799	ug/L	99
37) 1,2-Dichloropropane	9.368	63	222175	54.455	ug/L	100
38) Bromodichloromethane	9.642	83	276028	55.437	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	358573	61.315	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	336423	129.065	ug/L	99
42) Toluene	10.386	91	851906	57.092	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	306107	61.726	ug/L	97

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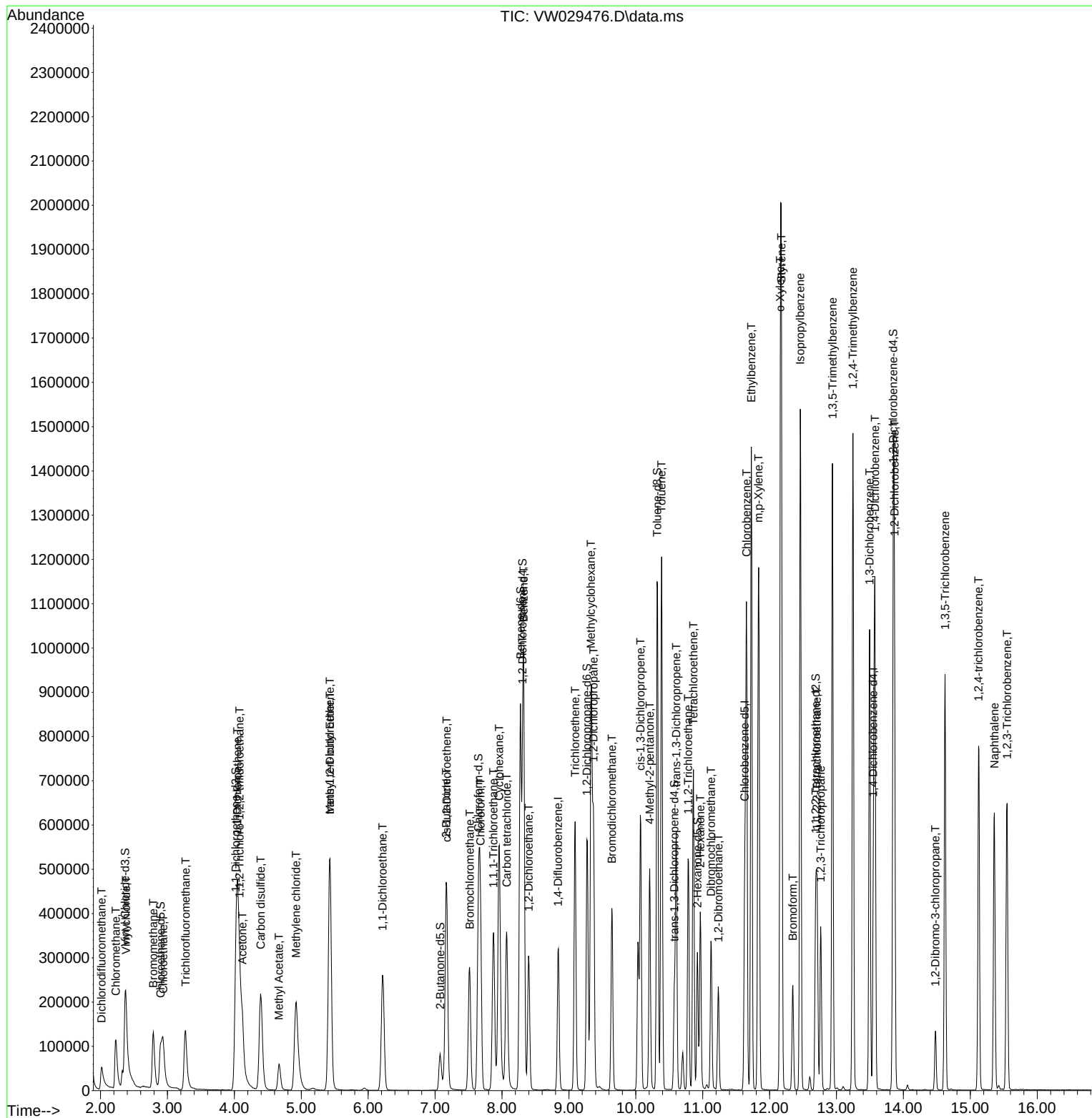
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	159690	55.600	ug/L	97
46) Tetrachloroethene	10.861	164	156447	57.035	ug/L	93
48) 2-Hexanone	10.965	43	258087	137.547	ug/L	99
49) Dibromochloromethane	11.123	129	168477	56.437	ug/L	95
50) 1,2-Dibromoethane	11.233	107	156243	60.280	ug/L	99
51) Chlorobenzene	11.654	112	530680	55.045	ug/L	98
52) Ethylbenzene	11.727	91	956960	56.286	ug/L	98
53) m,p-Xylene	11.837	106	357494	57.593	ug/L	96
54) o-Xylene	12.160	106	335262	57.733	ug/L	97
55) Styrene	12.178	104	593654	58.840	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	200419	56.458	ug/L	97
59) Bromoform	12.349	173	106477	63.454	ug/L	95
60) Isopropylbenzene	12.458	105	948813	59.431	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	150524	56.520	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	714727	61.481	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	762867	61.130	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	394527	56.532	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	404996	55.028	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	372997	58.517	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	35851	57.332	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	254703	54.876	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	237649	62.444	ug/L	99
71) Naphthalene	15.360	128	514183	67.302	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	203643	58.112	ug/L	94

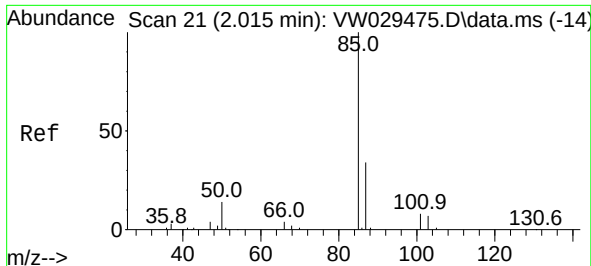
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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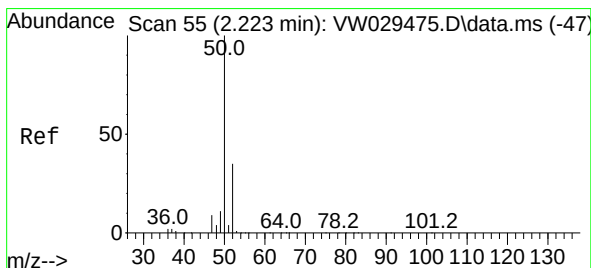
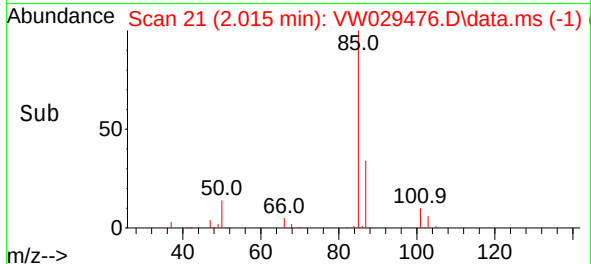
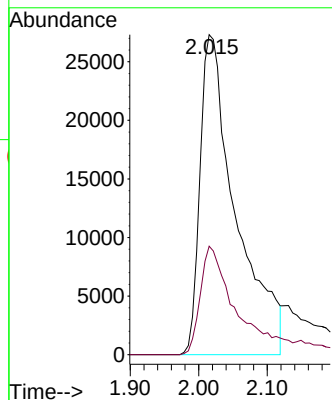
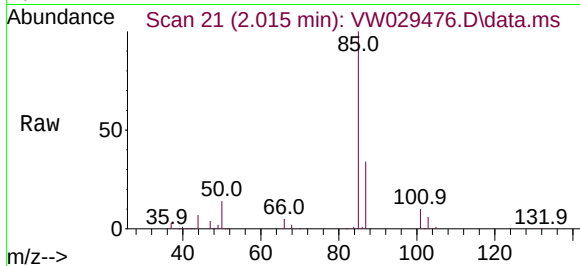




#2
 Dichlorodifluoromethane
 Concen: 40.834 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029476.D
 Acq: 08 Jul 2024 12:36

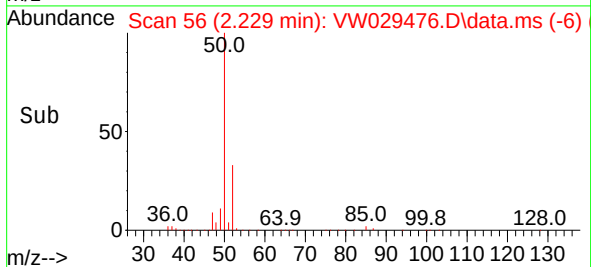
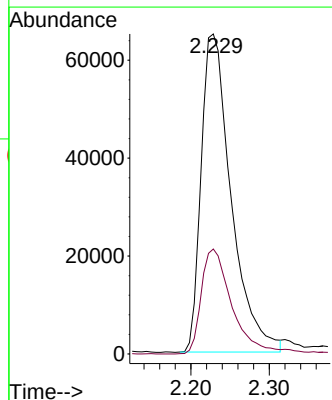
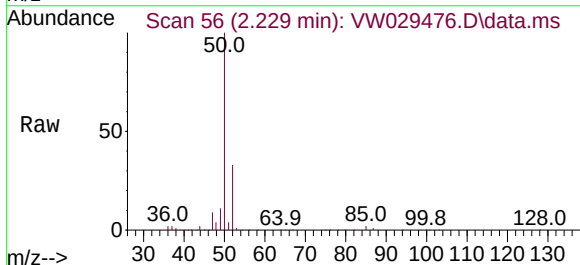
Instrument :
 MSVOA_W
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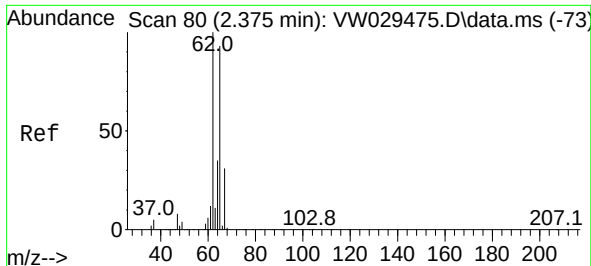
Tgt Ion: 85 Resp: 99083
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.1 39.1



#3
 Chloromethane
 Concen: 48.893 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW029476.D
 Acq: 08 Jul 2024 12:36

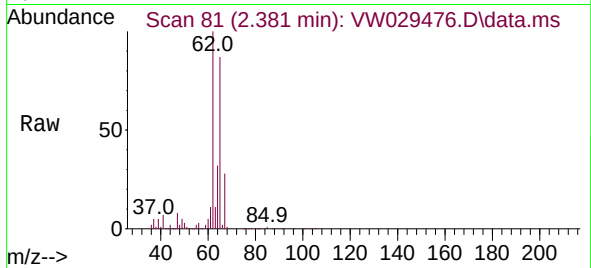
Tgt Ion: 50 Resp: 173145
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.4 45.2



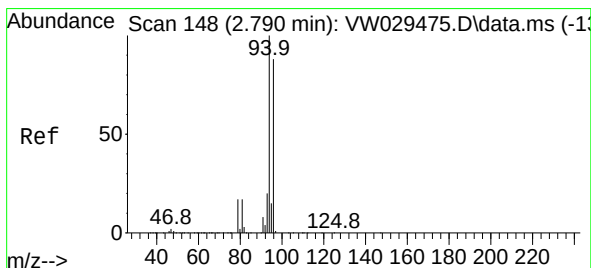
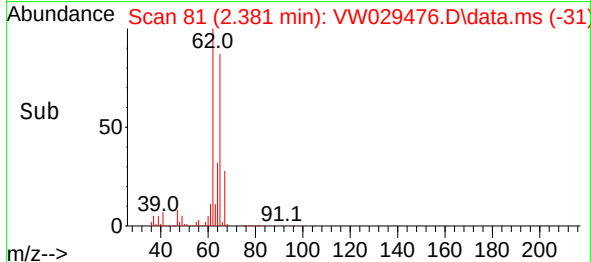
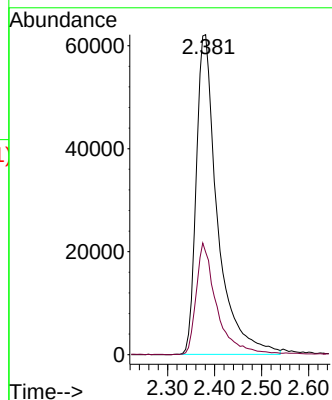


#5
Vinyl chloride
Concen: 48.197 ug/L
RT: 2.381 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :

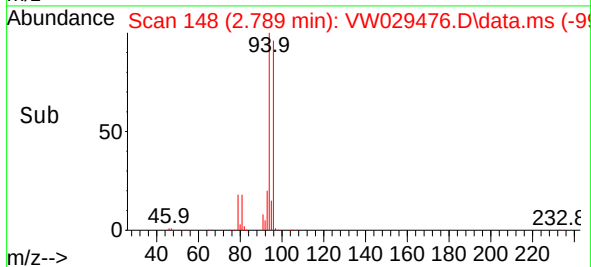
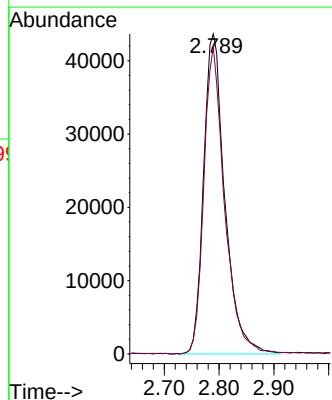
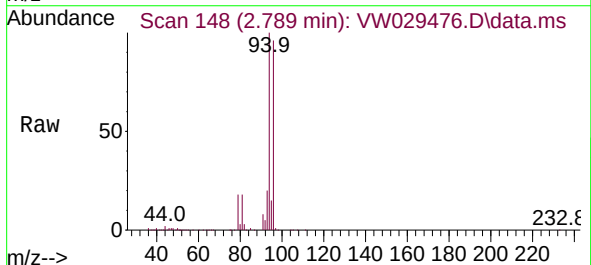


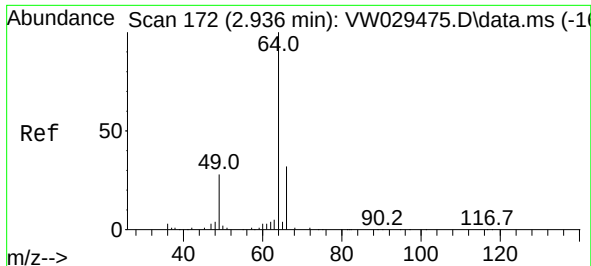
Tgt Ion: 62 Resp: 194589
Ion Ratio Lower Upper
62 100
64 32.1 25.1 46.5



#6
Bromomethane
Concen: 48.207 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion: 94 Resp: 117641
Ion Ratio Lower Upper
94 100
96 96.0 61.7 114.7

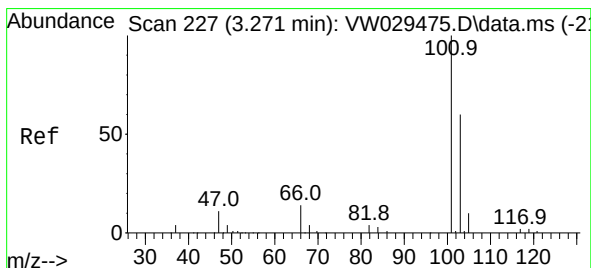
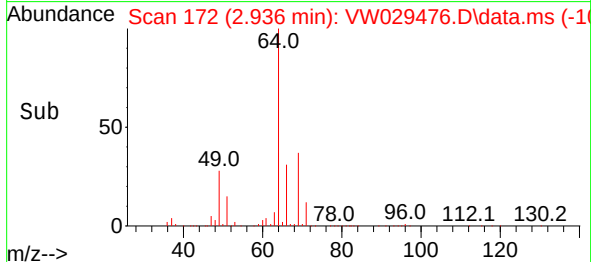
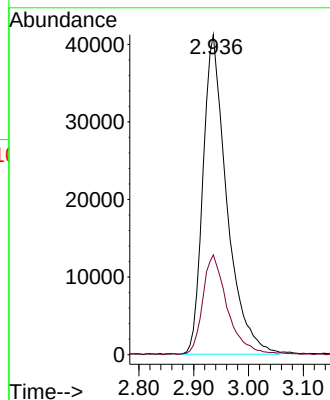
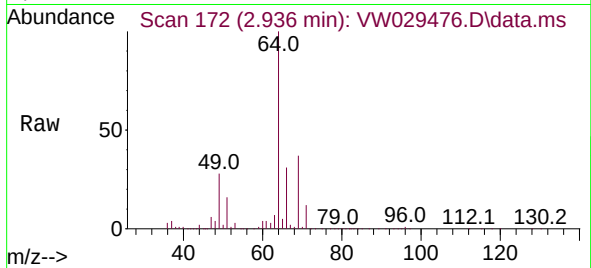




#8
Chloroethane
Concen: 49.983 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

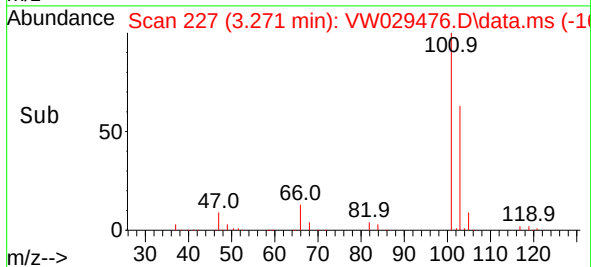
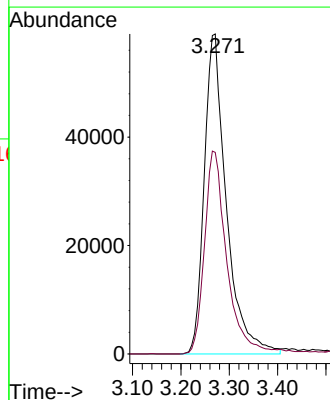
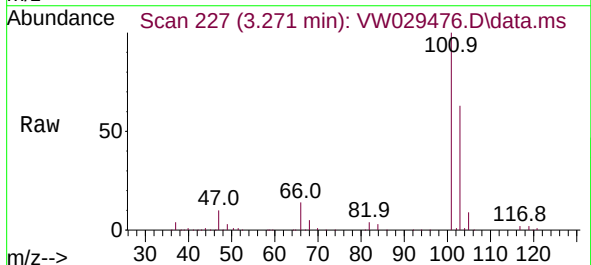
Instrument :
MSVOA_W
ClientSampleId :

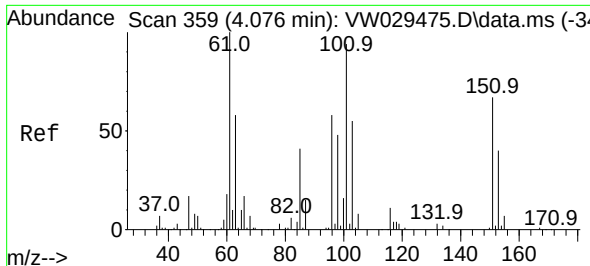
Tgt Ion: 64 Resp: 124157
Ion Ratio Lower Upper
64 100
66 31.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 58.136 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion:101 Resp: 187233
Ion Ratio Lower Upper
101 100
103 63.8 49.6 74.4





#10

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

Concen: 50.300 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

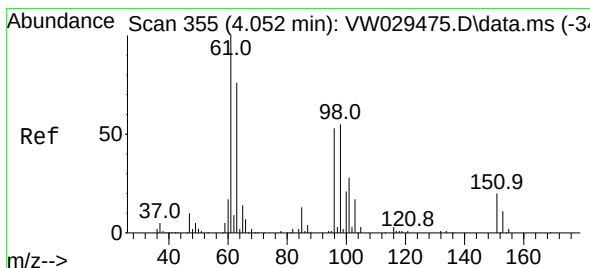
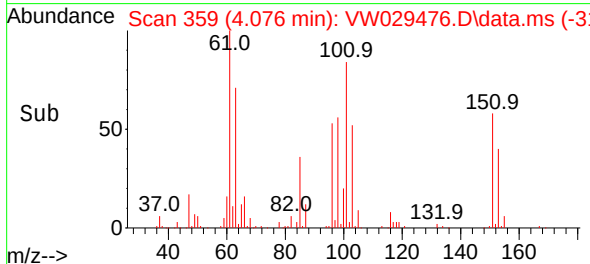
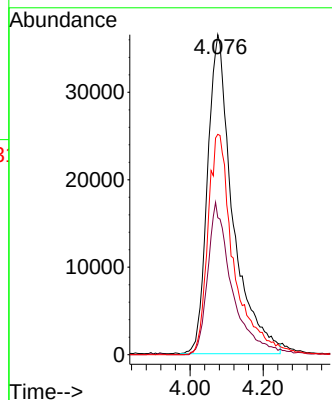
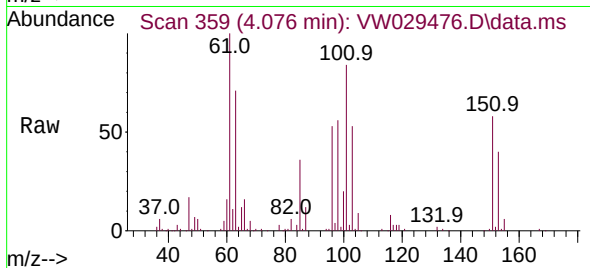
Tgt Ion:101 Resp: 174576

Ion Ratio Lower Upper

101 100

85 45.6 33.8 50.8

151 69.8 55.4 83.0



#12

1,1-Dichloroethene

Concen: 56.799 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

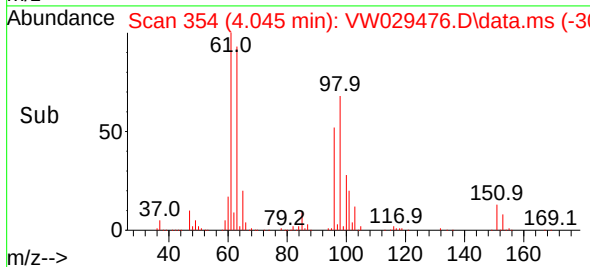
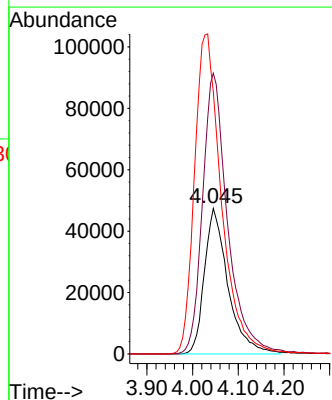
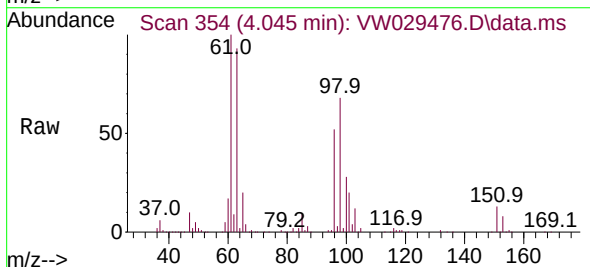
Tgt Ion: 96 Resp: 170131

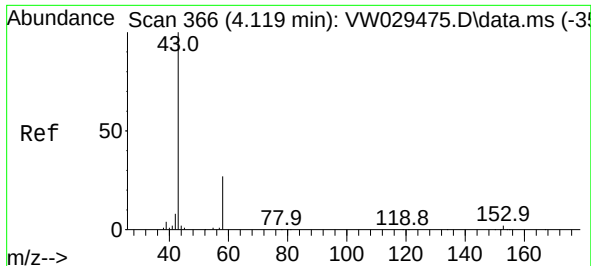
Ion Ratio Lower Upper

96 100

61 192.9 132.4 245.8

63 180.1 108.4 201.2

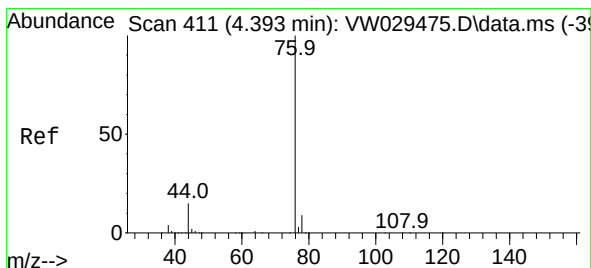
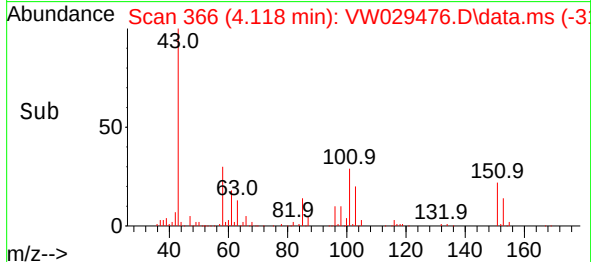
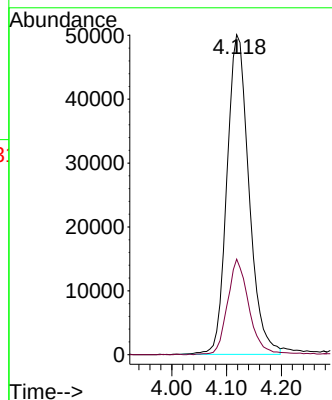
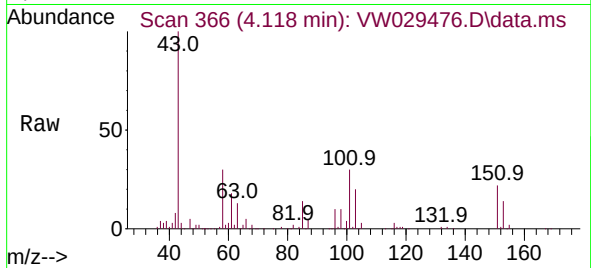




#13
Acetone
Concen: 141.249 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029476.D
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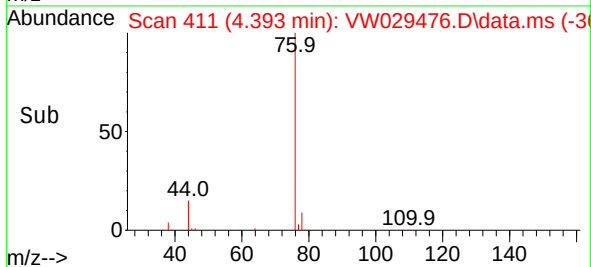
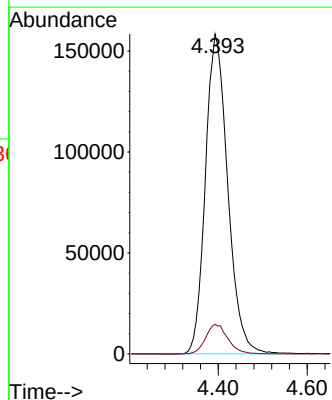
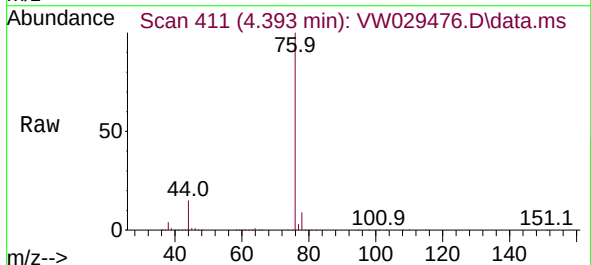
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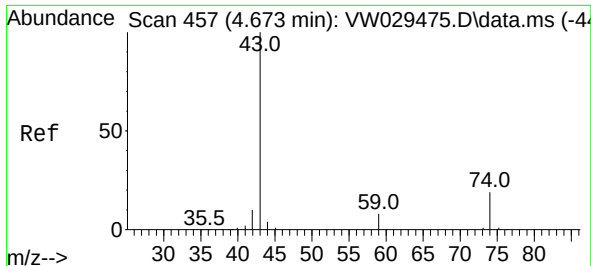
Tgt Ion: 43 Resp: 139904
Ion Ratio Lower Upper
43 100
58 29.1 0.0 55.6



#14
Carbon disulfide
Concen: 55.796 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion: 76 Resp: 552774
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4





#15

Methyl Acetate

Concen: 62.989 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW029476.D

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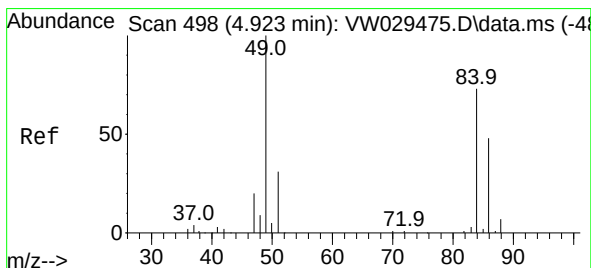
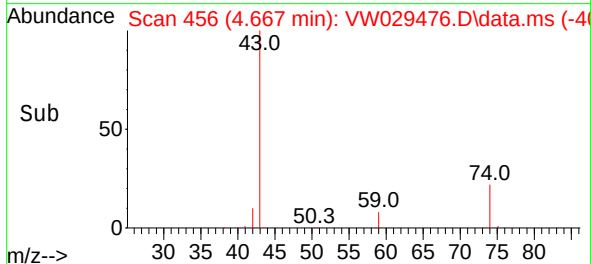
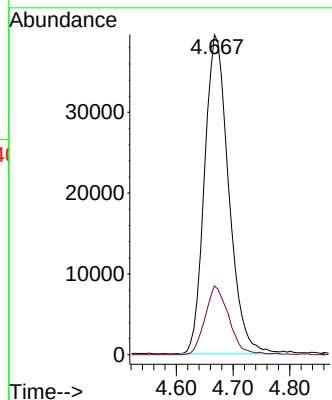
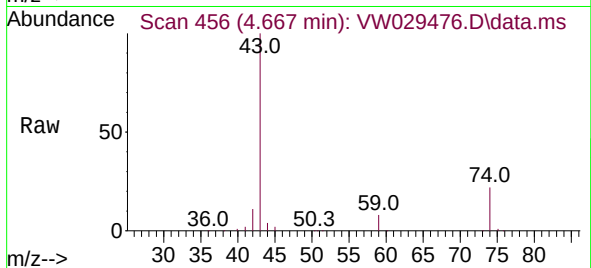
ClientSampleId :

Tgt Ion: 43 Resp: 117270

Ion Ratio Lower Upper

43 100

74 20.9 16.2 24.4



#16

Methylene chloride

Concen: 42.755 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

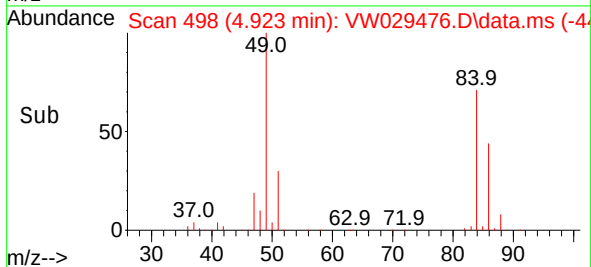
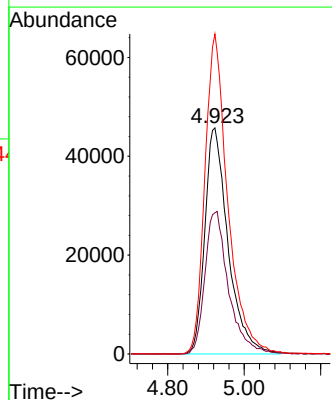
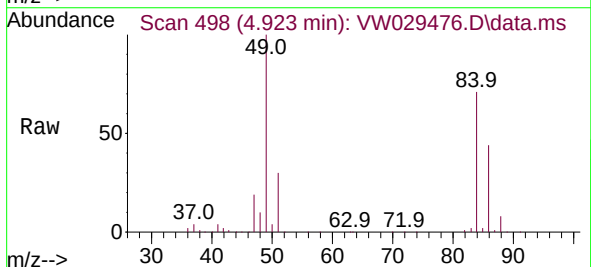
Tgt Ion: 84 Resp: 193343

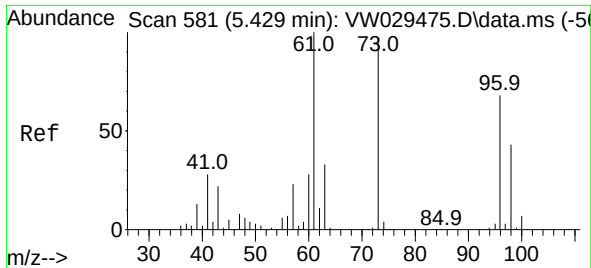
Ion Ratio Lower Upper

84 100

86 62.4 46.2 85.8

49 141.5 96.7 179.7

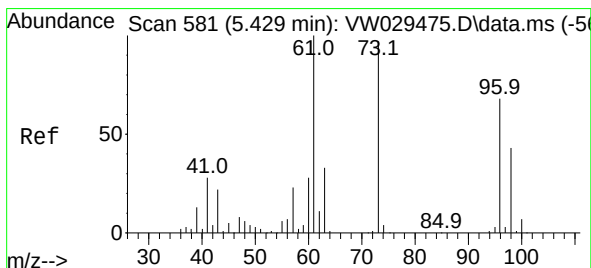
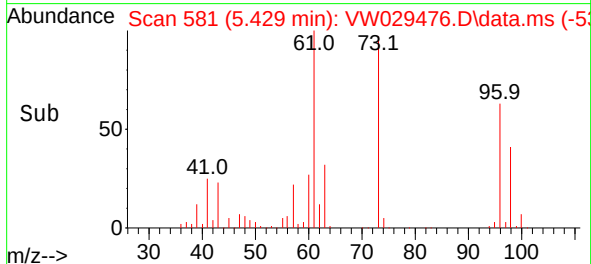
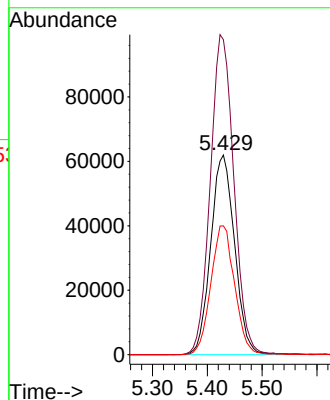
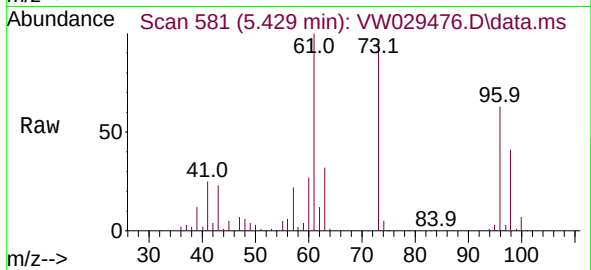




#17
trans-1,2-Dichloroethene
Concen: 55.903 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

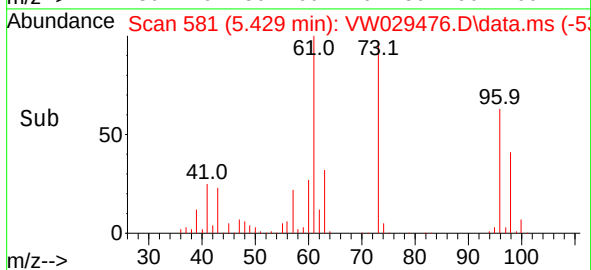
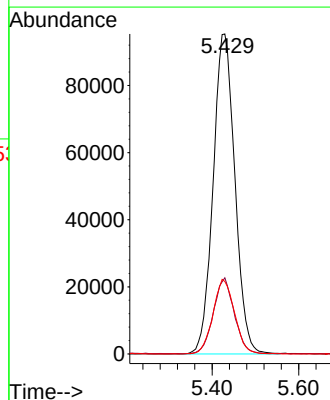
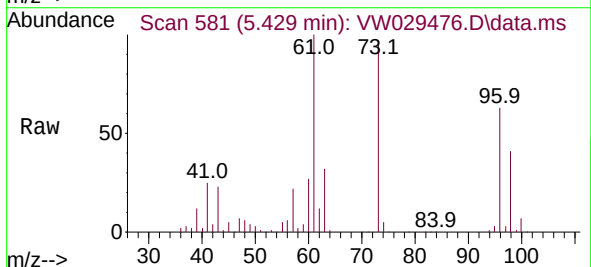
Instrument :
MSVOA_W
ClientSampleId :

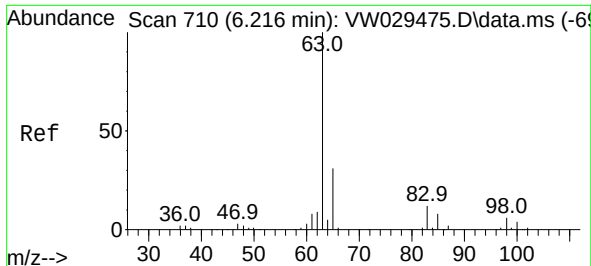
Tgt Ion: 96 Resp: 187512
Ion Ratio Lower Upper
96 100
61 157.8 102.9 191.1
98 64.5 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 61.600 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion: 73 Resp: 332940
Ion Ratio Lower Upper
73 100
43 22.7 18.7 28.1
57 23.0 18.9 28.3





#19

1,1-Dichloroethane

Concen: 53.943 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

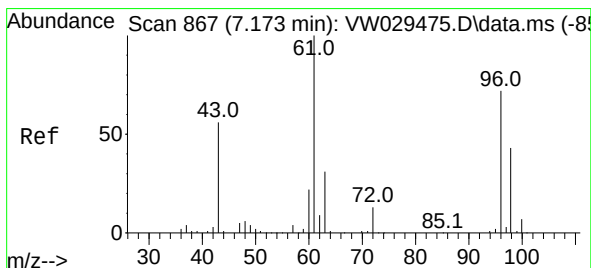
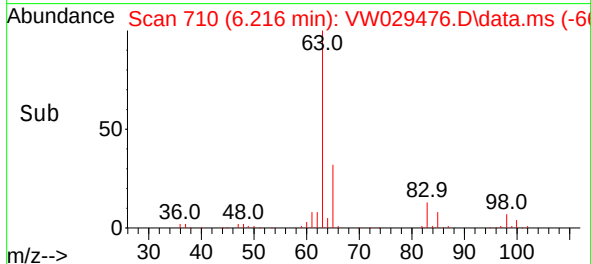
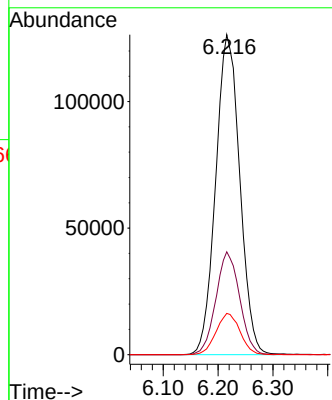
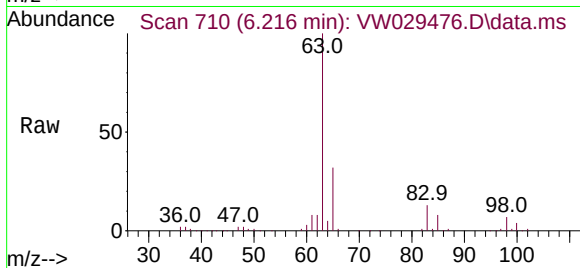
Tgt Ion: 63 Resp: 385781

Ion Ratio Lower Upper

63 100

65 32.2 21.5 39.9

83 12.9 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 56.622 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

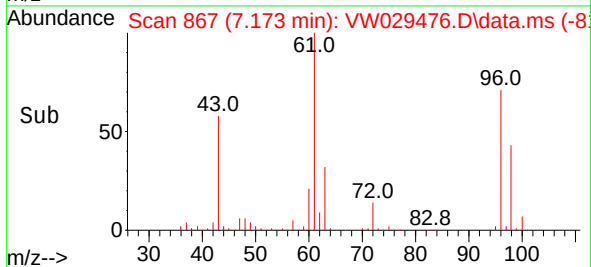
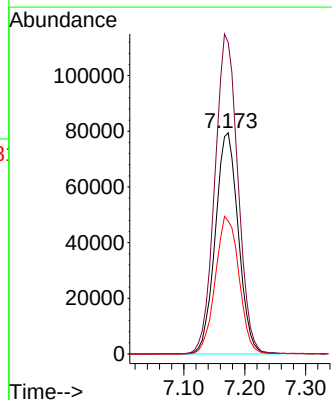
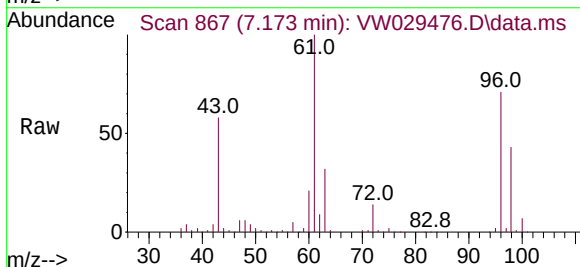
Tgt Ion: 96 Resp: 209141

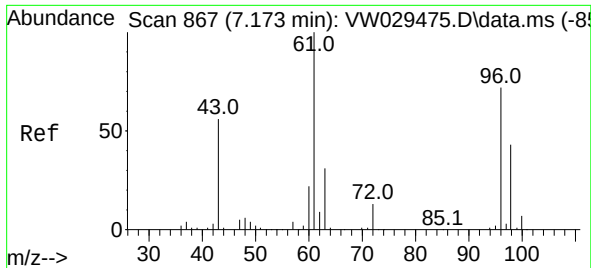
Ion Ratio Lower Upper

96 100

61 140.9 97.4 180.8

98 60.1 41.6 77.2

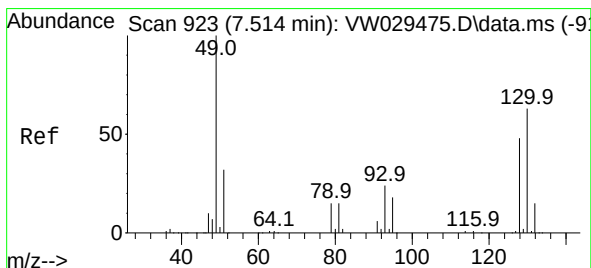
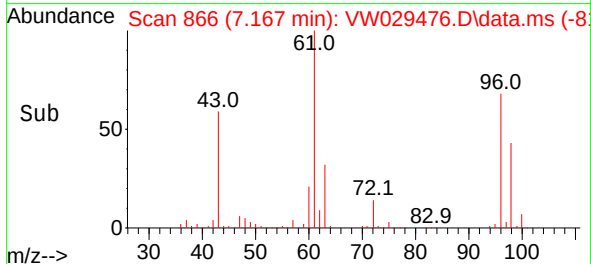
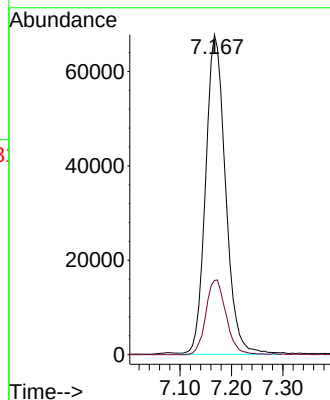
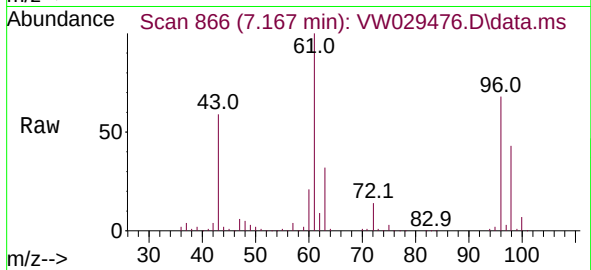




#22
2-Butanone
Concen: 138.994 ug/L
RT: 7.167 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

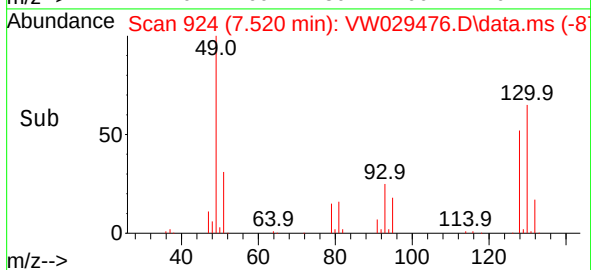
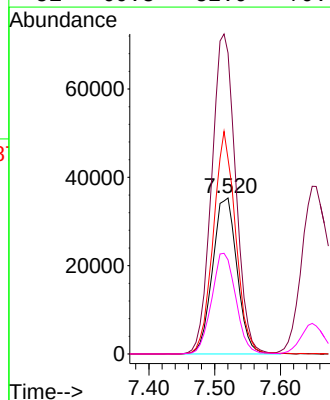
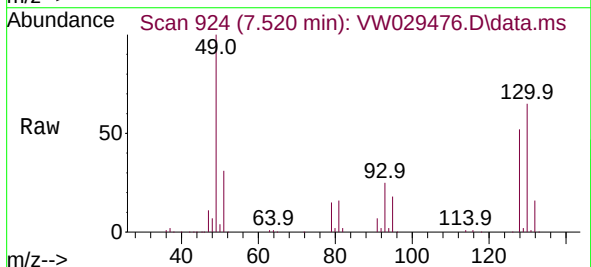
Instrument :
MSVOA_W
ClientSampleId :

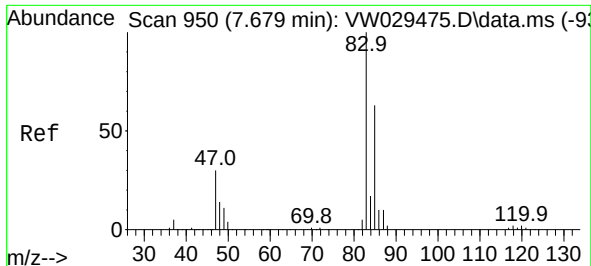
Tgt Ion: 43 Resp: 182769
Ion Ratio Lower Upper
43 100
72 23.7 12.0 36.1



#23
Bromochloromethane
Concen: 55.827 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion:128 Resp: 91583
Ion Ratio Lower Upper
128 100
49 193.0 146.2 271.4
130 125.0 91.9 170.7
51 60.3 52.9 79.3





#25

Chloroform

Concen: 53.152 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

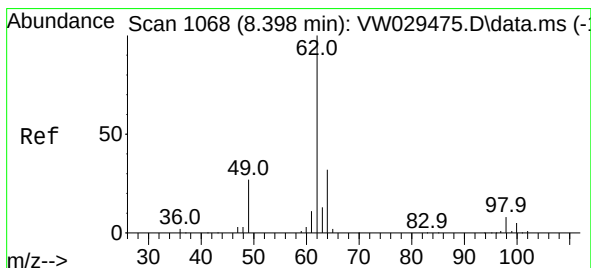
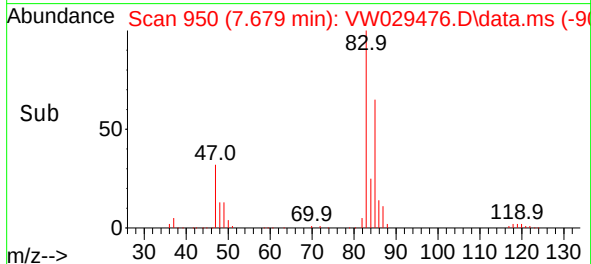
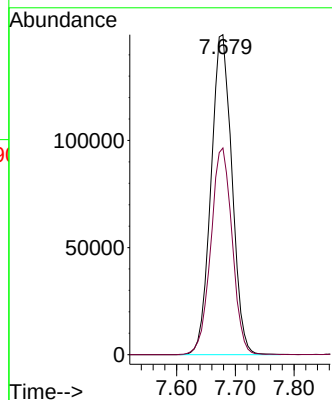
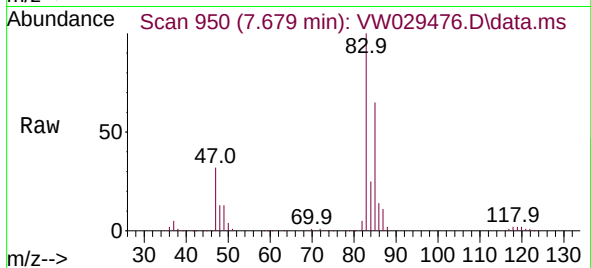
ClientSampleId :

Tgt Ion: 83 Resp: 369520

Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9



#27

1,2-Dichloroethane

Concen: 53.723 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029476.D

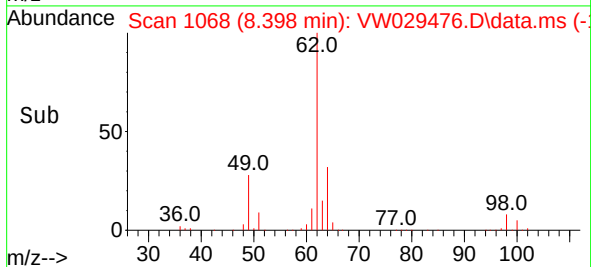
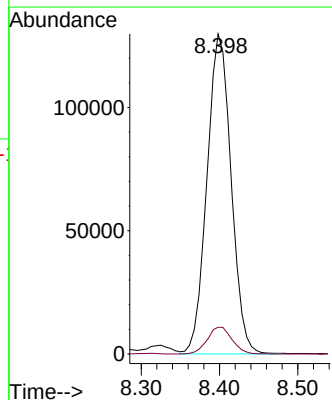
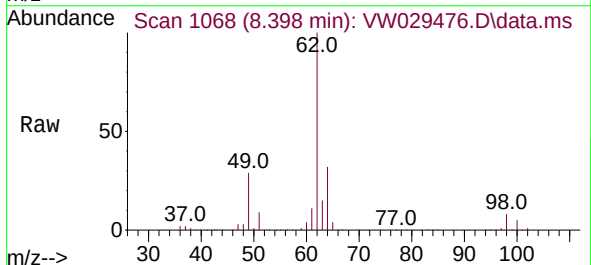
Acq: 08 Jul 2024 12:36

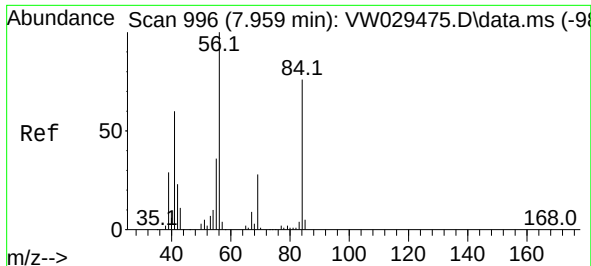
Tgt Ion: 62 Resp: 278353

Ion Ratio Lower Upper

62 100

98 8.3 6.0 9.0





#29

Cyclohexane

Concen: 61.248 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

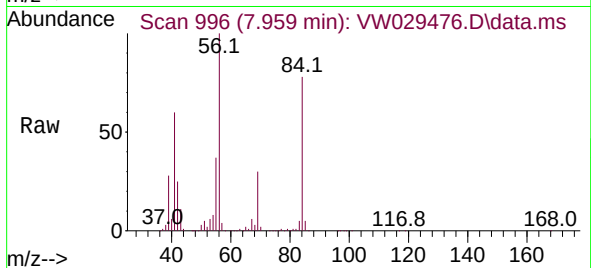
Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

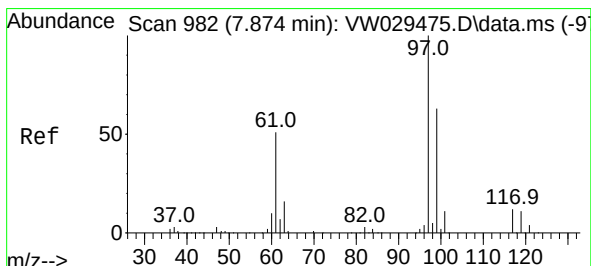
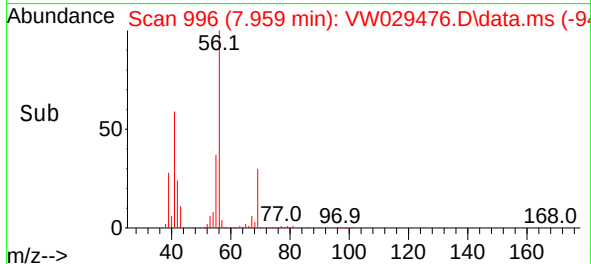
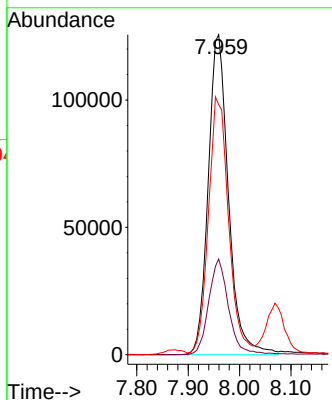
ClientSampleId :



Tgt Ion: 56 Resp: 343146

Ion Ratio Lower Upper

56	100		
69	29.2	23.3	34.9
84	80.0	63.1	94.7



#30

1,1,1-Trichloroethane

Concen: 54.985 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

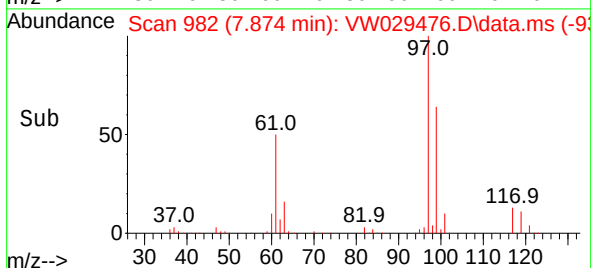
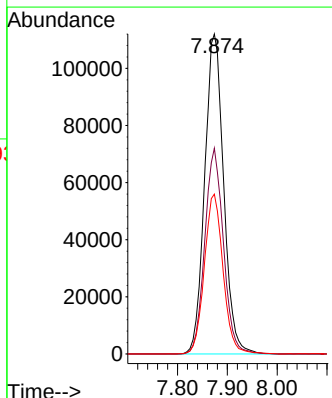
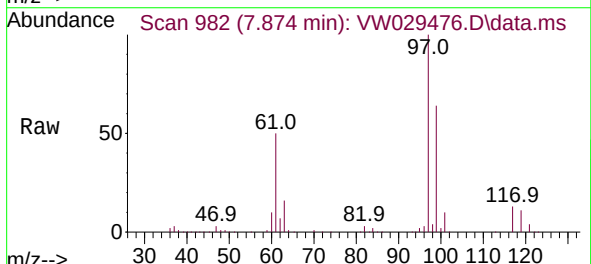
Lab File: VW029476.D

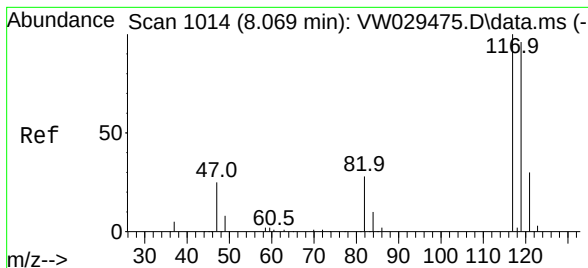
Acq: 08 Jul 2024 12:36

Tgt Ion: 97 Resp: 296193

Ion Ratio Lower Upper

97	100		
99	63.1	51.1	76.7
61	49.4	40.6	61.0





#31

Carbon tetrachloride

Concen: 55.040 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

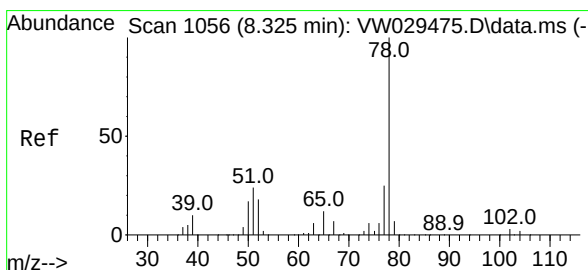
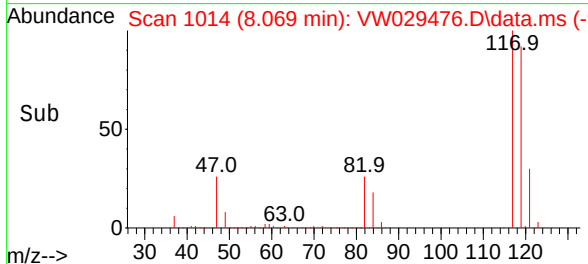
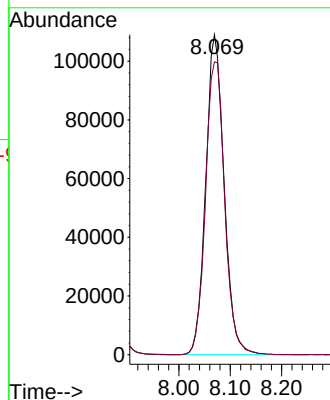
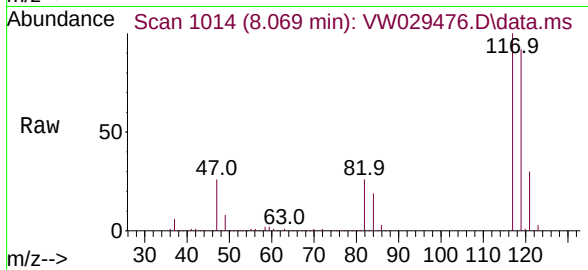
ClientSampleId :

Tgt Ion:117 Resp: 270883

Ion Ratio Lower Upper

117 100

119 95.9 77.0 115.6



#33

Benzene

Concen: 56.670 ug/L

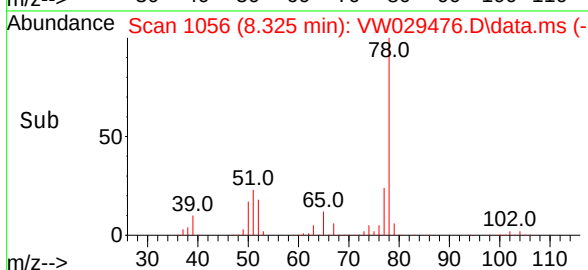
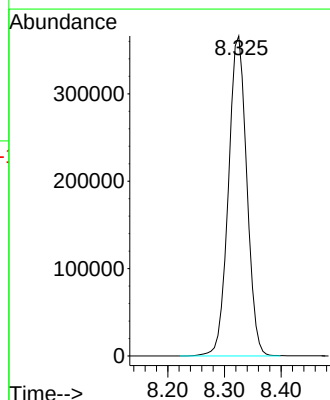
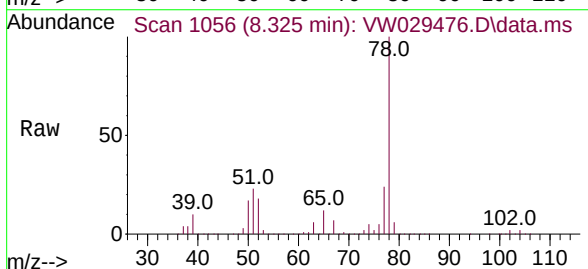
RT: 8.325 min Scan# 1056

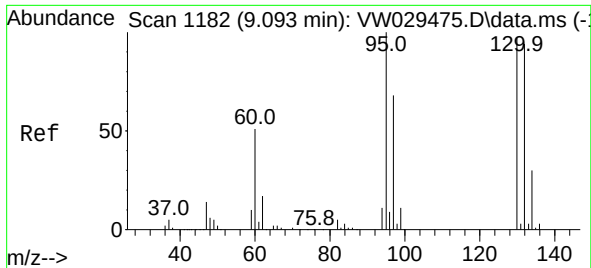
Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Tgt Ion: 78 Resp: 822926





#34

Trichloroethene

Concen: 53.878 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 209613

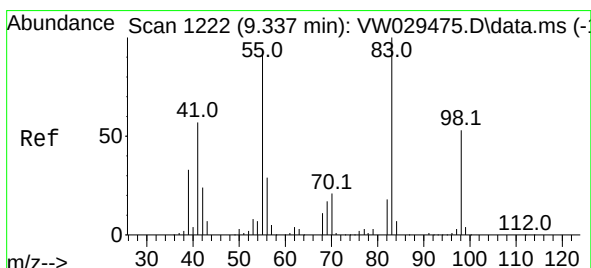
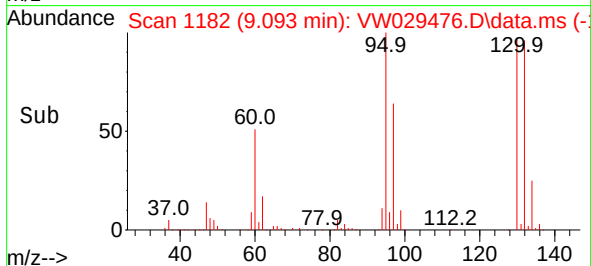
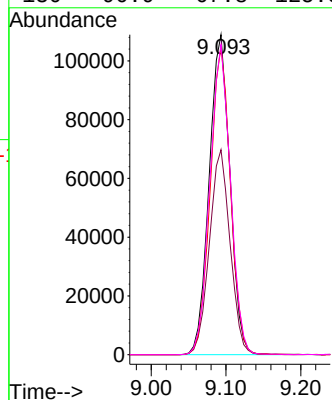
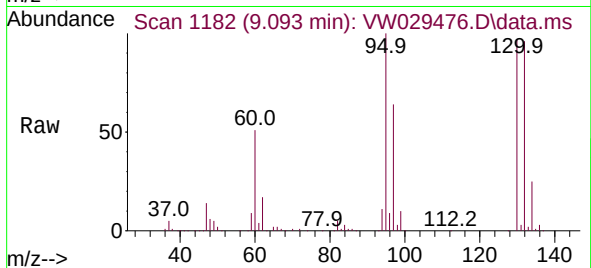
Ion Ratio Lower Upper

95 100

97 64.0 47.3 87.9

132 96.2 65.8 122.2

130 96.9 67.8 125.8



#35

Methylcyclohexane

Concen: 58.799 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

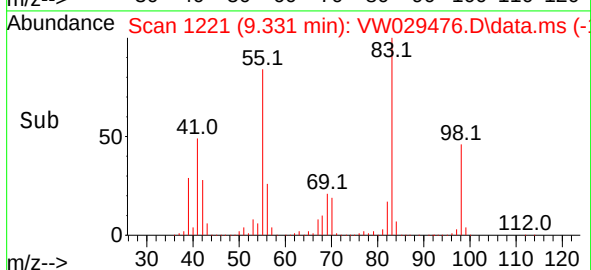
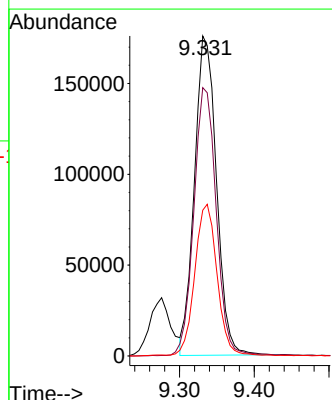
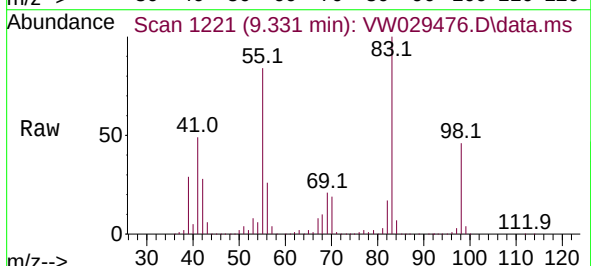
Tgt Ion: 83 Resp: 359818

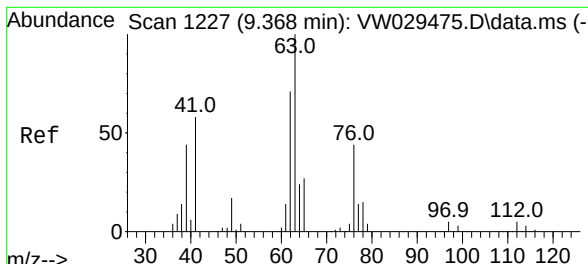
Ion Ratio Lower Upper

83 100

55 85.5 69.6 104.4

98 48.2 38.3 57.5

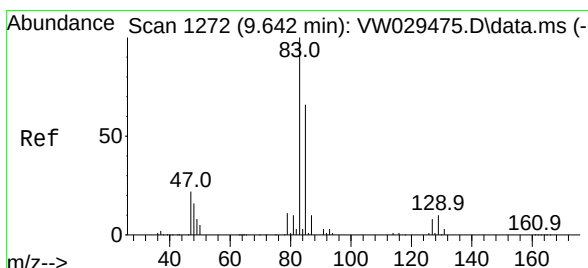
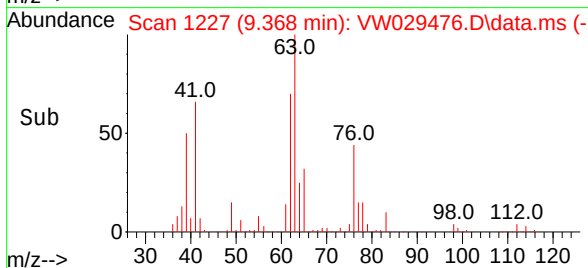
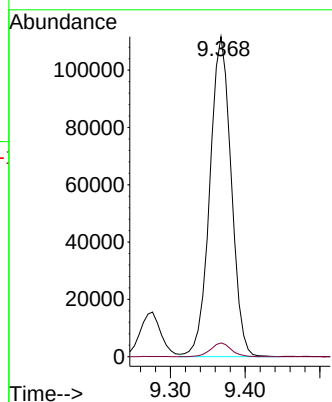
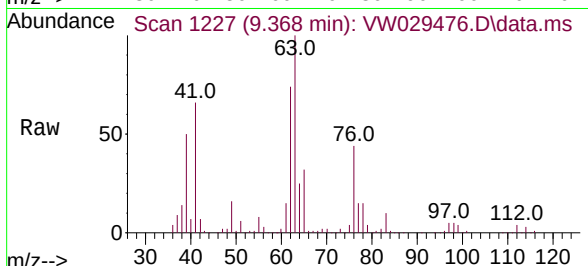




#37
1,2-Dichloropropane
Concen: 54.455 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

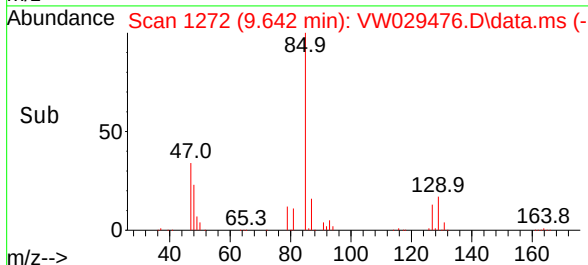
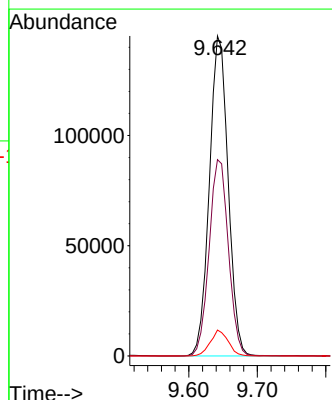
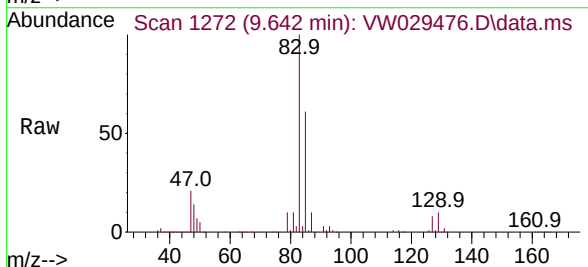
Instrument :
MSVOA_W
ClientSampleId :

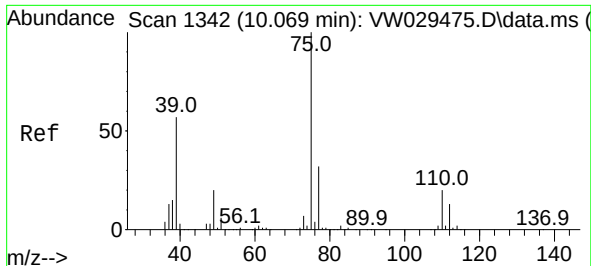
Tgt Ion: 63 Resp: 222175
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 55.437 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion: 83 Resp: 276028
Ion Ratio Lower Upper
83 100
85 61.3 46.1 85.5
127 8.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 61.315 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

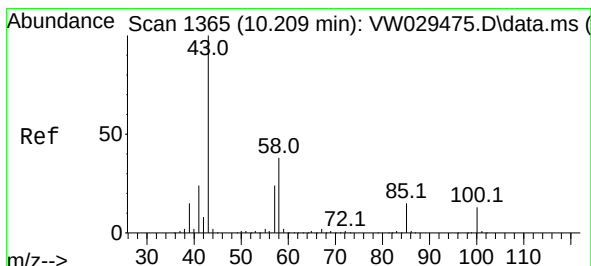
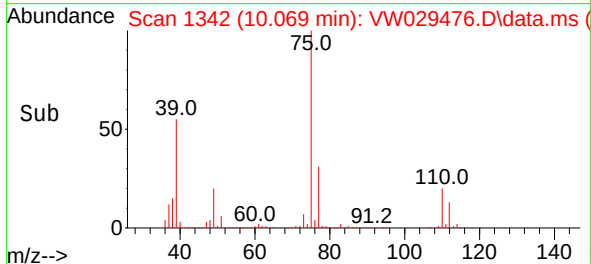
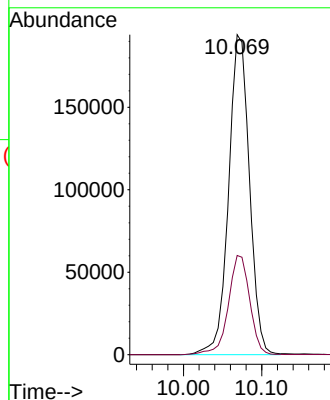
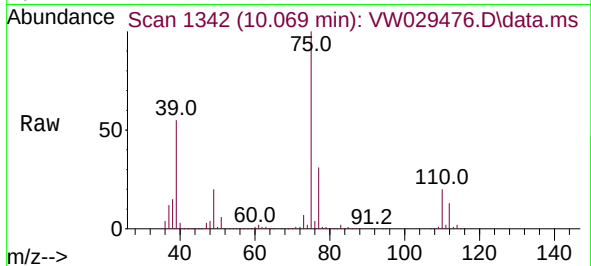
ClientSampleId :

Tgt Ion: 75 Resp: 358573

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 129.065 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

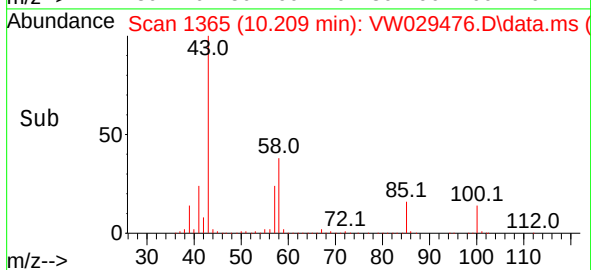
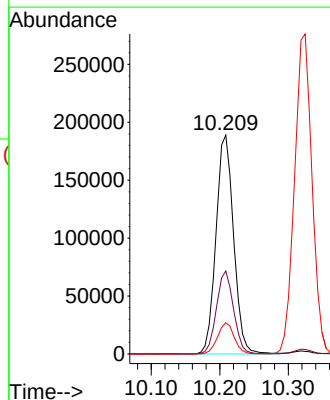
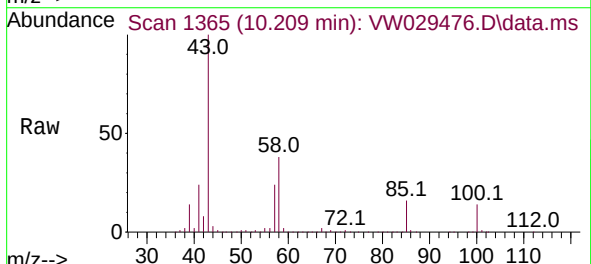
Tgt Ion: 43 Resp: 336423

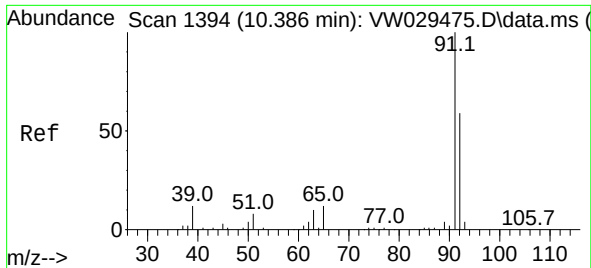
Ion Ratio Lower Upper

43 100

58 36.9 29.0 43.6

100 13.6 10.5 15.7





#42

Toluene

Concen: 57.092 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

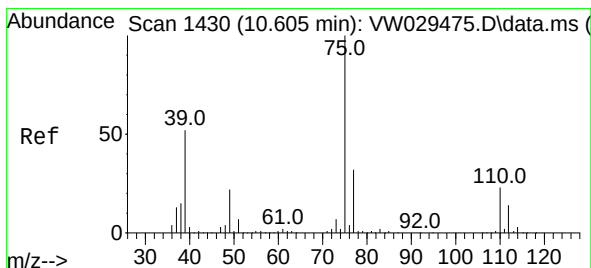
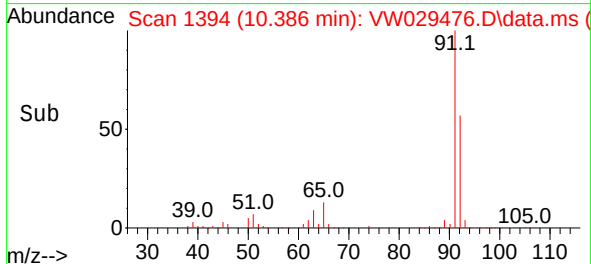
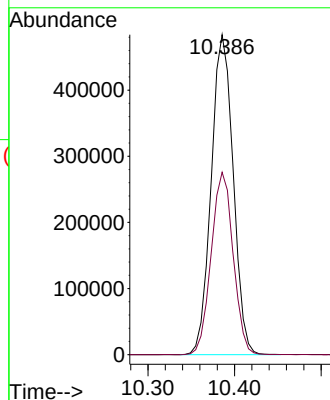
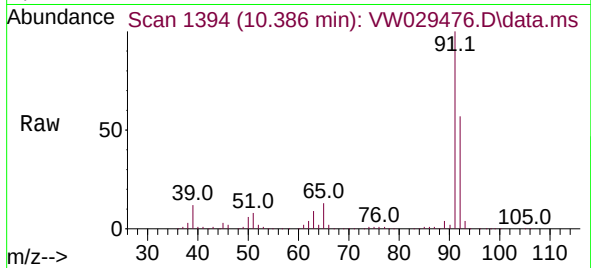
ClientSampleId :

Tgt Ion: 91 Resp: 851906

Ion Ratio Lower Upper

91 100

92 57.0 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 61.726 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029476.D

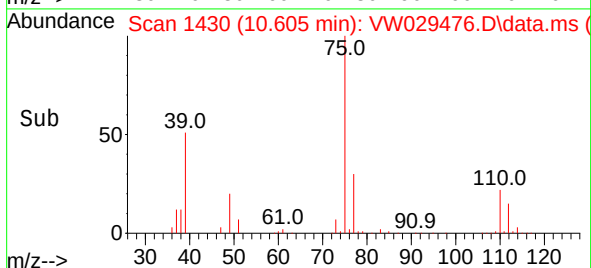
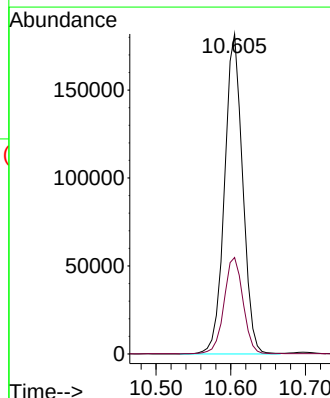
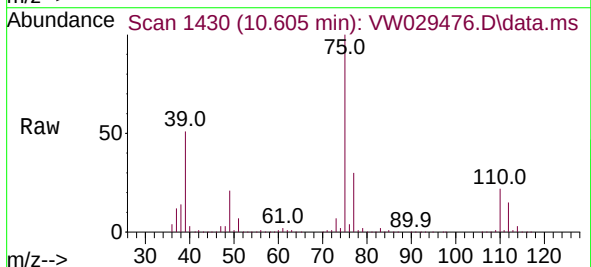
Acq: 08 Jul 2024 12:36

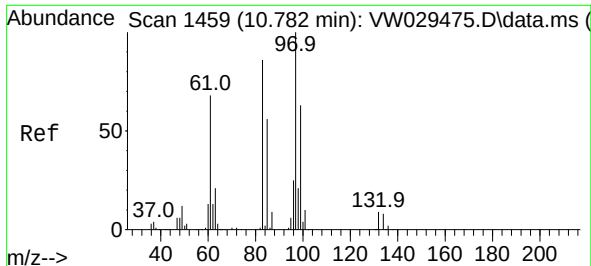
Tgt Ion: 75 Resp: 306107

Ion Ratio Lower Upper

75 100

77 30.2 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 55.600 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 159690

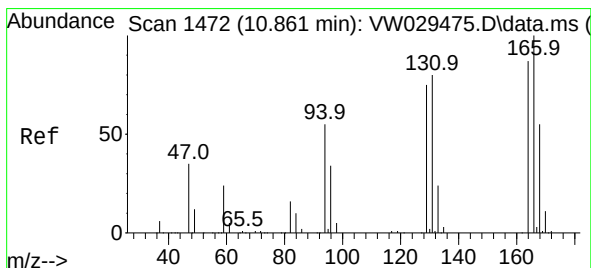
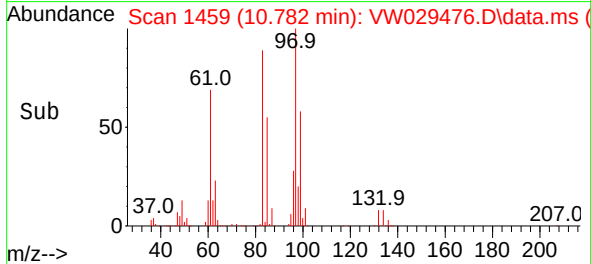
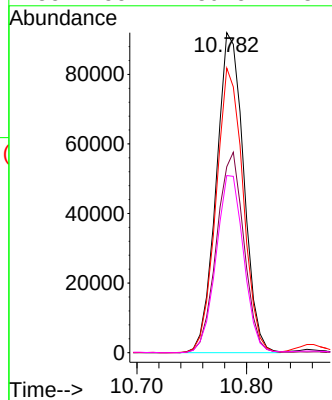
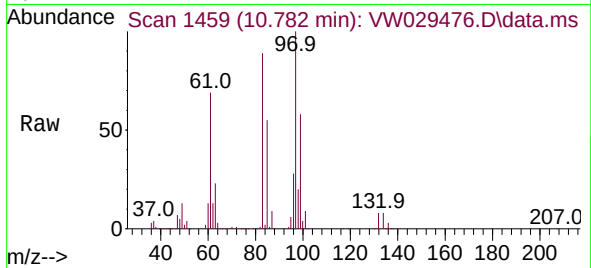
Ion Ratio Lower Upper

97 100

99 58.1 43.8 81.4

83 88.9 60.3 111.9

85 55.4 39.5 73.3



#46

Tetrachloroethene

Concen: 57.035 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Tgt Ion: 164 Resp: 156447

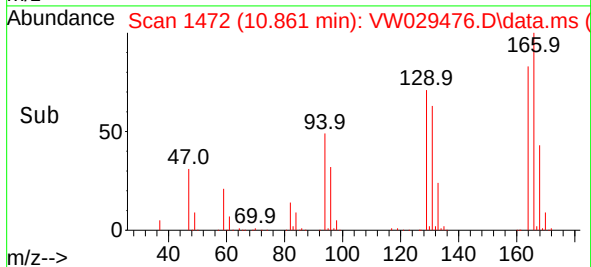
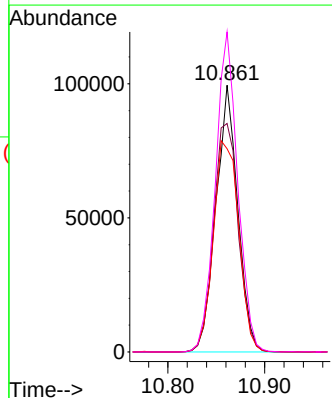
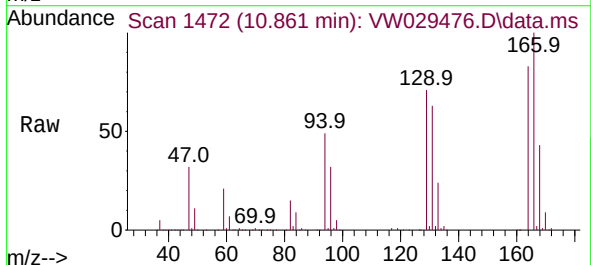
Ion Ratio Lower Upper

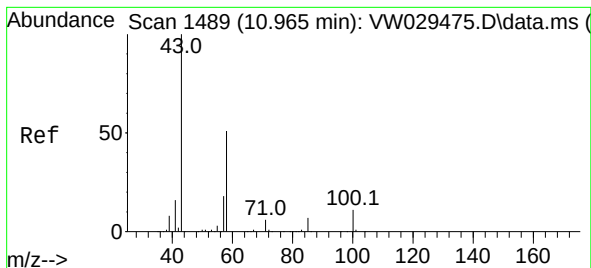
164 100

129 85.7 60.0 111.4

131 76.2 64.6 120.0

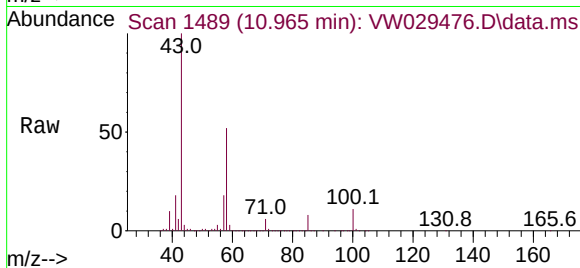
166 120.0 80.4 149.2



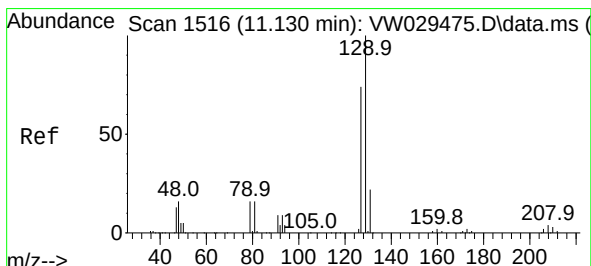
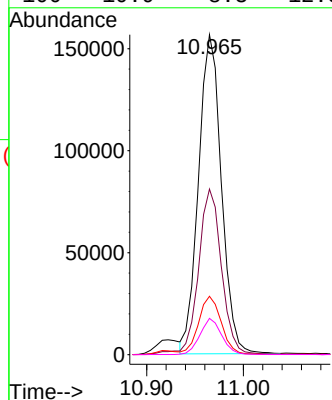
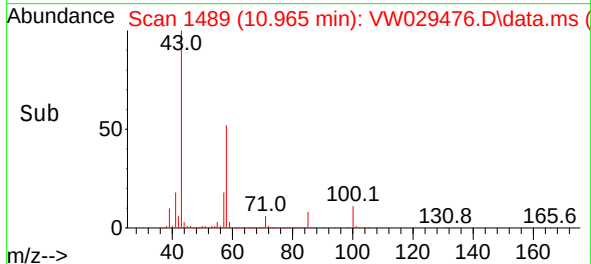


#48
2-Hexanone
Concen: 137.547 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Instrument :
MSVOA_W
ClientSampleId :

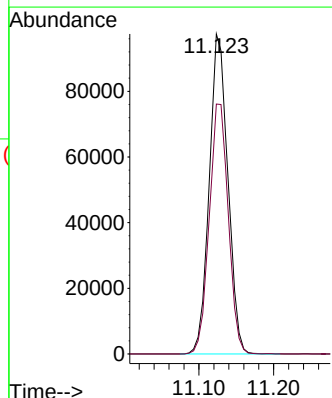
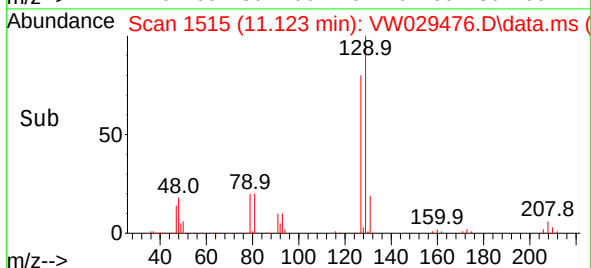
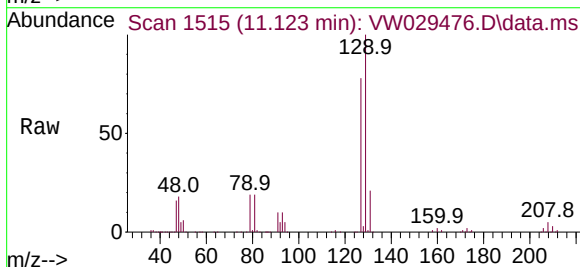


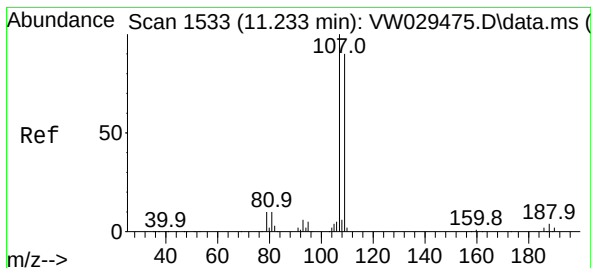
Tgt Ion: 43 Resp: 258087
Ion Ratio Lower Upper
43 100
58 50.9 39.8 59.8
57 18.0 14.6 21.8
100 10.9 8.3 12.5



#49
Dibromochloromethane
Concen: 56.437 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion: 129 Resp: 168477
Ion Ratio Lower Upper
129 100
127 78.1 51.9 96.3

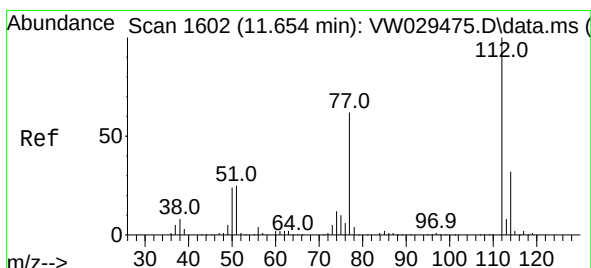
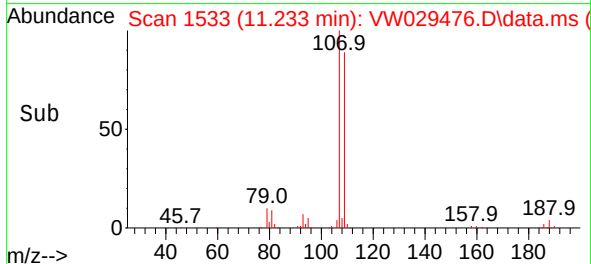
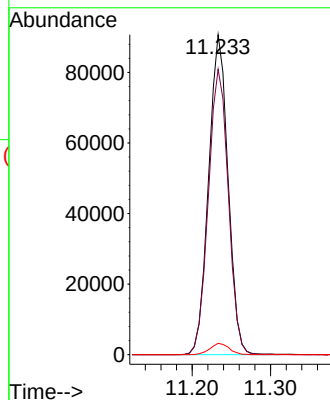
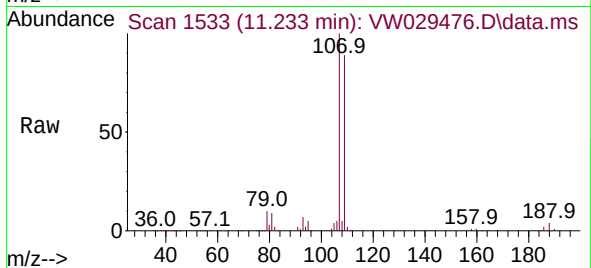




#50
1,2-Dibromoethane
Concen: 60.280 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

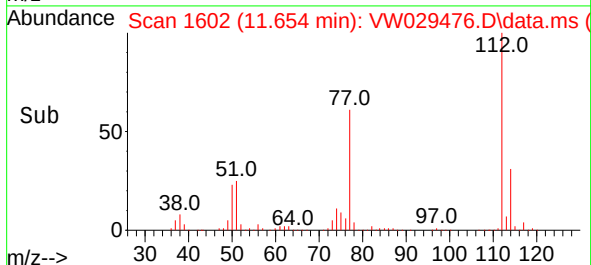
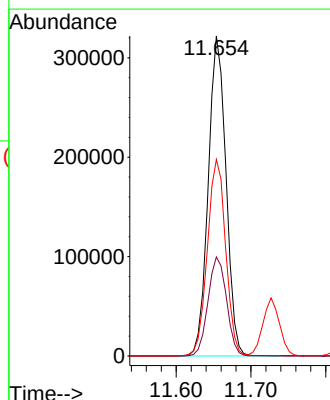
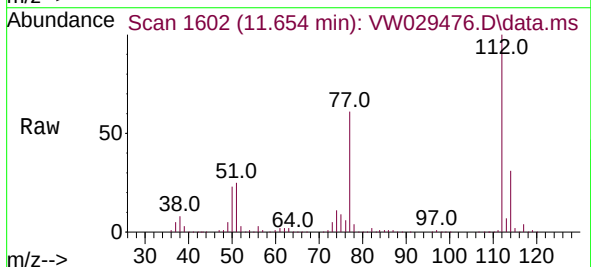
Instrument :
MSVOA_W
ClientSampleId :

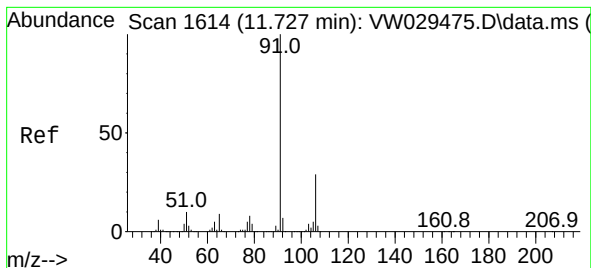
Tgt Ion:107 Resp: 156243
Ion Ratio Lower Upper
107 100
109 89.2 63.2 117.4
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 55.045 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion:112 Resp: 530680
Ion Ratio Lower Upper
112 100
114 31.0 22.6 42.0
77 61.4 49.9 74.9





#52

Ethylbenzene

Concen: 56.286 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

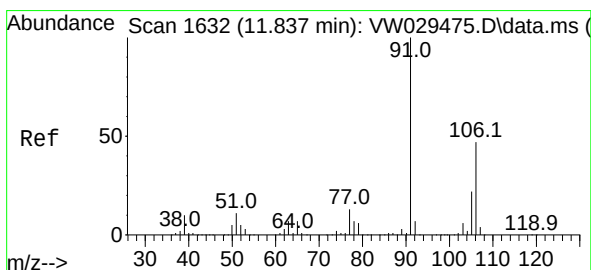
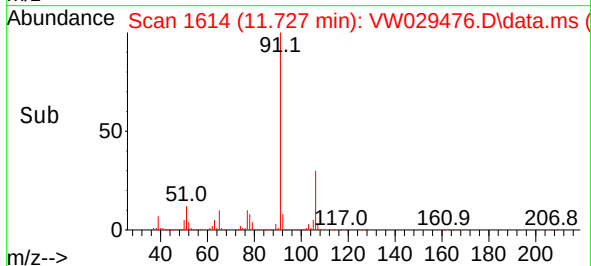
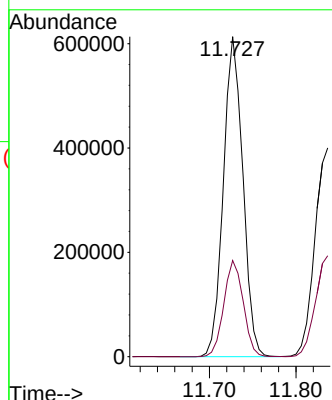
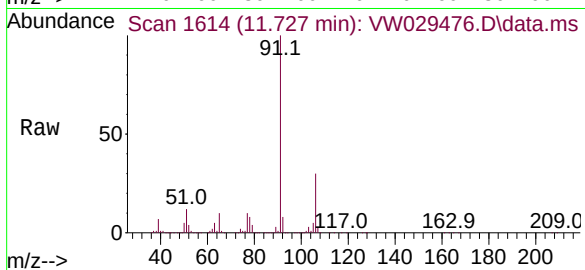
ClientSampleId :

Tgt Ion: 91 Resp: 956960

Ion Ratio Lower Upper

91 100

106 30.1 20.2 37.6



#53

m,p-Xylene

Concen: 57.593 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029476.D

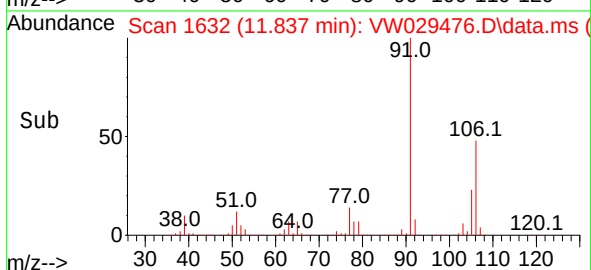
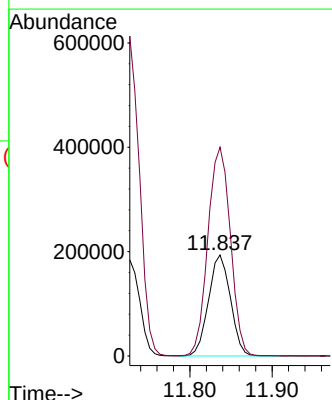
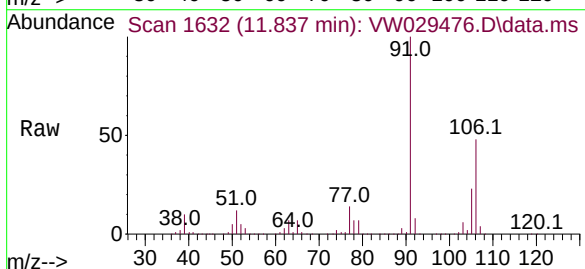
Acq: 08 Jul 2024 12:36

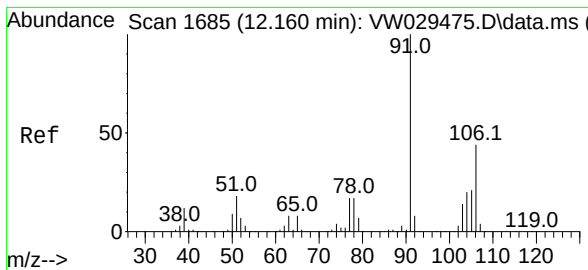
Tgt Ion:106 Resp: 357494

Ion Ratio Lower Upper

106 100

91 206.8 149.3 277.3

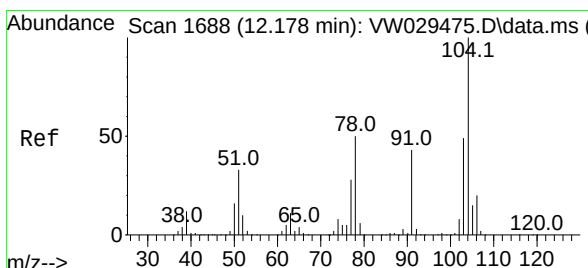
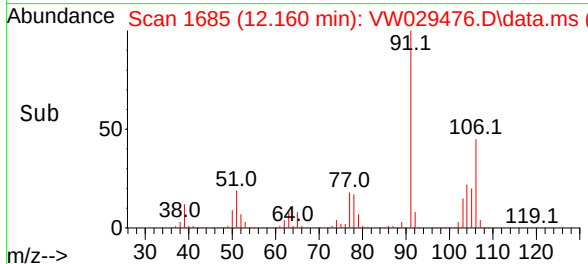
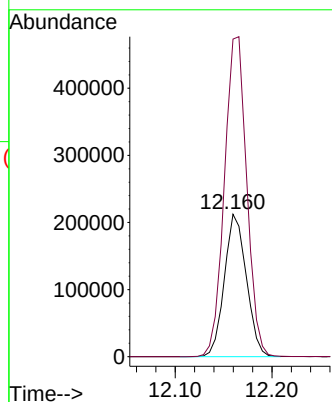
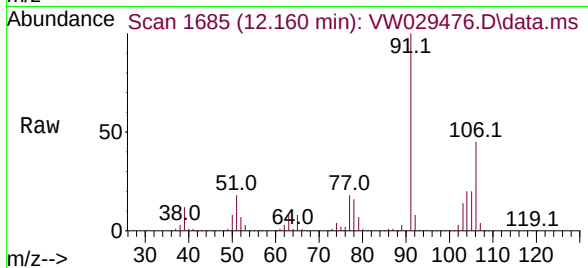




#54
o-Xylene
Concen: 57.733 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

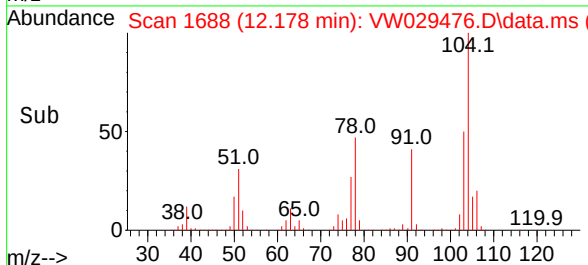
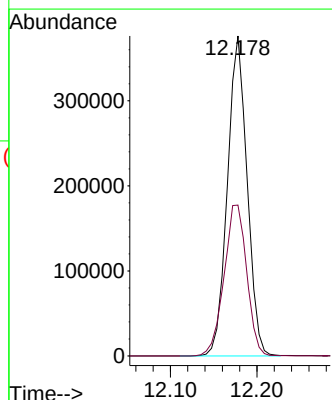
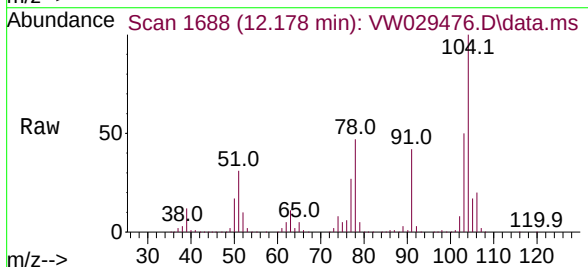
Instrument :
MSVOA_W
ClientSampleId :

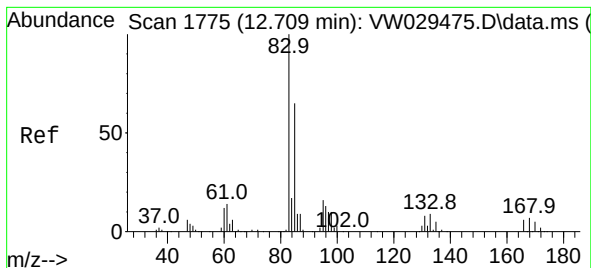
Tgt Ion:106 Resp: 335262
Ion Ratio Lower Upper
106 100
91 223.0 159.2 295.6



#55
Styrene
Concen: 58.840 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029476.D
Acq: 08 Jul 2024 12:36

Tgt Ion:104 Resp: 593654
Ion Ratio Lower Upper
104 100
78 47.2 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 56.458 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

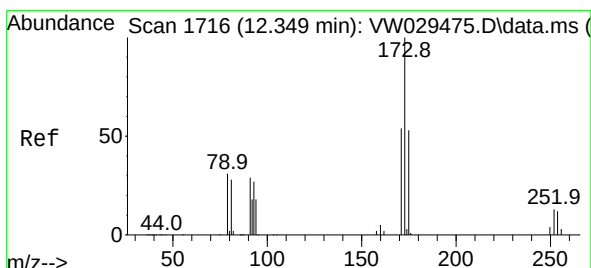
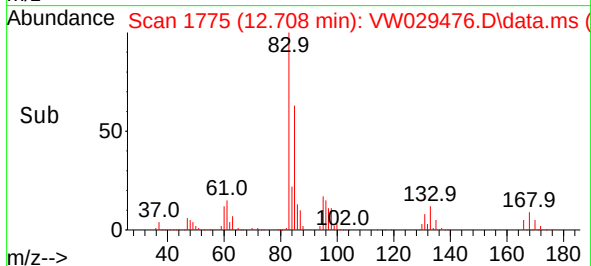
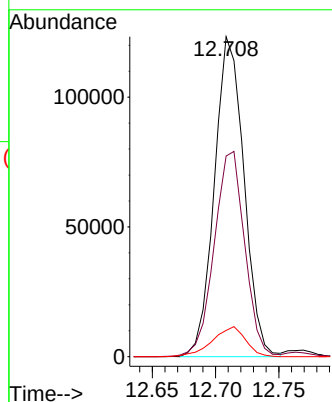
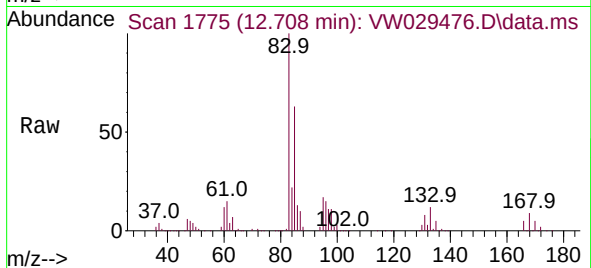
Tgt Ion: 83 Resp: 200419

Ion Ratio Lower Upper

83 100

85 62.7 45.4 84.4

131 8.2 6.4 9.6



#59

Bromoform

Concen: 63.454 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

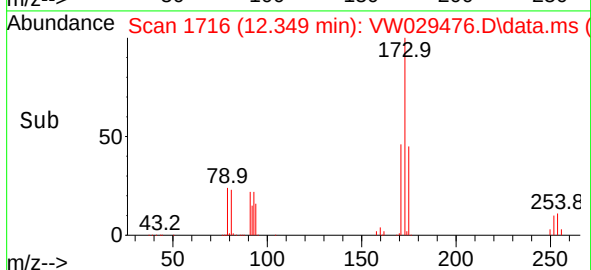
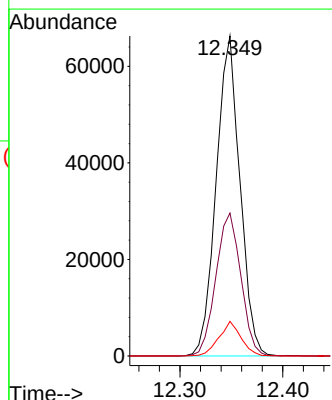
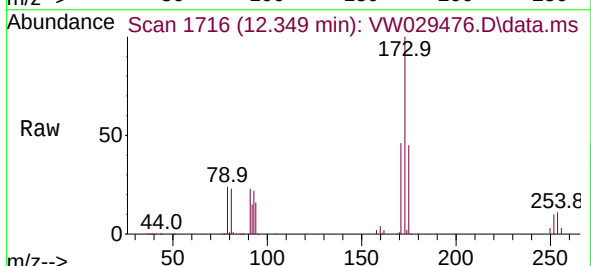
Tgt Ion:173 Resp: 106477

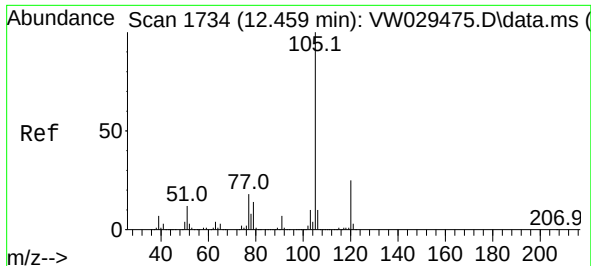
Ion Ratio Lower Upper

173 100

175 46.8 40.4 60.6

254 10.1 8.8 13.2





#60

Isopropylbenzene

Concen: 59.431 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

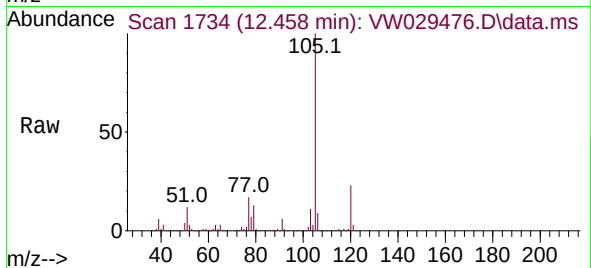
Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :



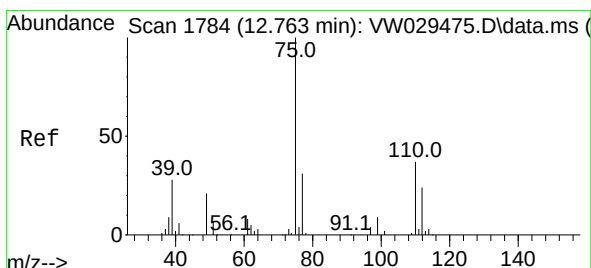
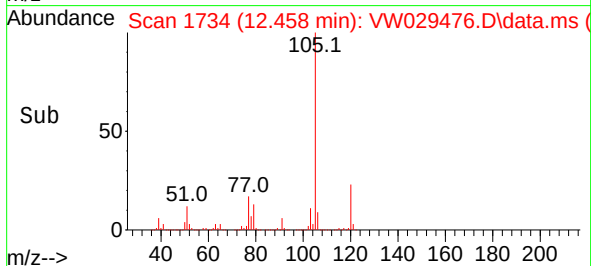
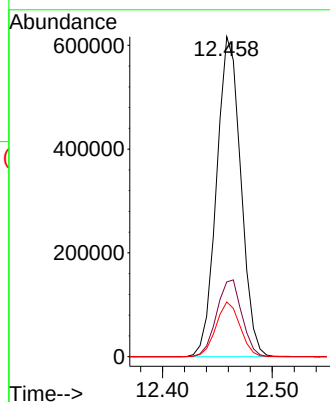
Tgt Ion:105 Resp: 948813

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.4

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 56.520 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

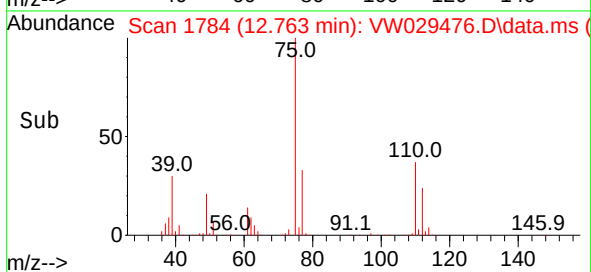
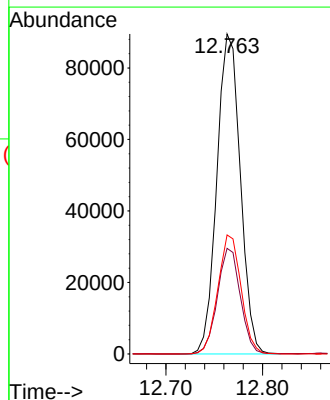
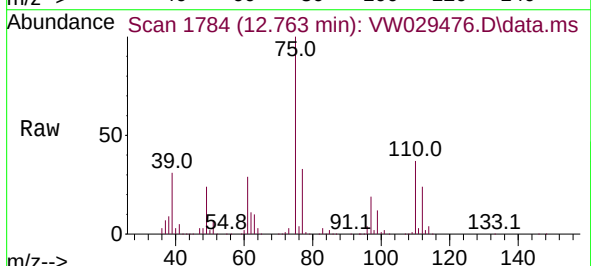
Tgt Ion: 75 Resp: 150524

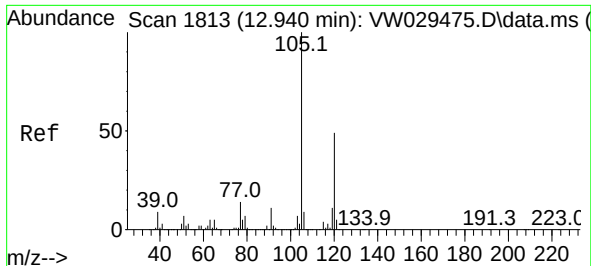
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

110 36.8 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 61.481 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

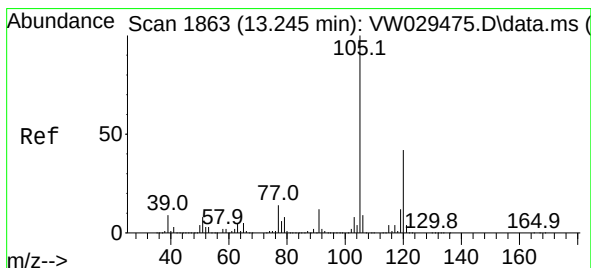
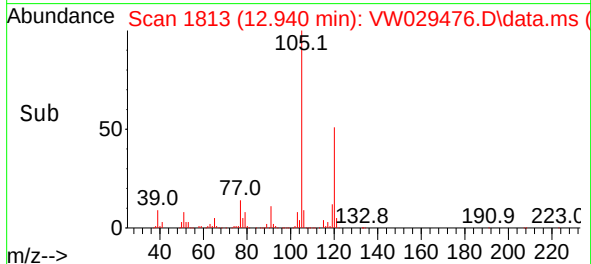
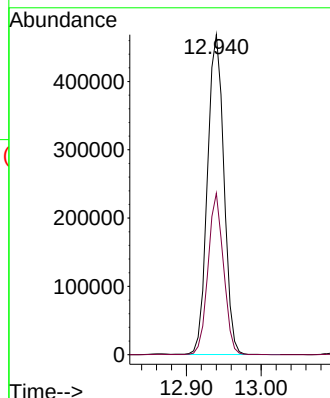
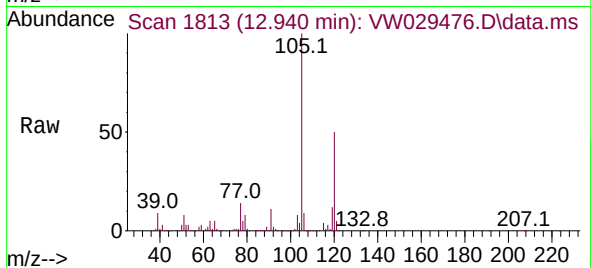
ClientSampleId :

Tgt Ion:105 Resp: 714727

Ion Ratio Lower Upper

105 100

120 47.4 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 61.130 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029476.D

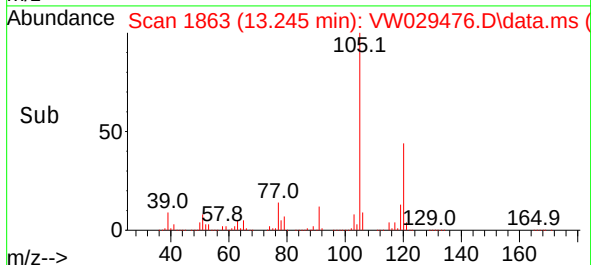
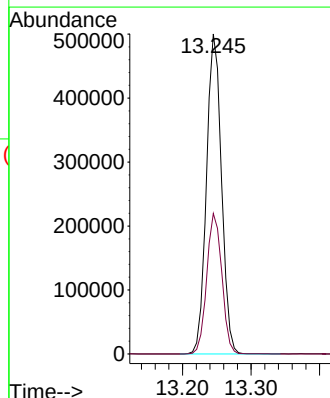
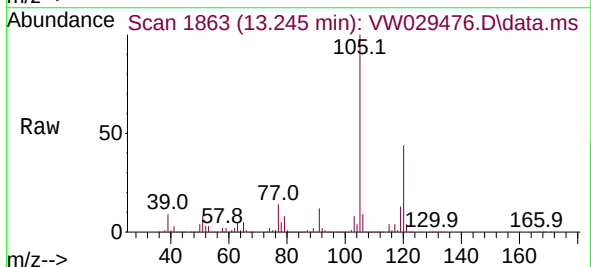
Acq: 08 Jul 2024 12:36

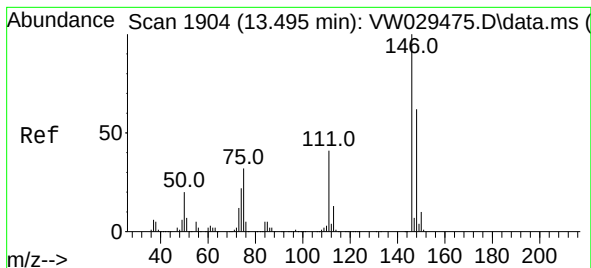
Tgt Ion:105 Resp: 762867

Ion Ratio Lower Upper

105 100

120 44.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 56.532 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

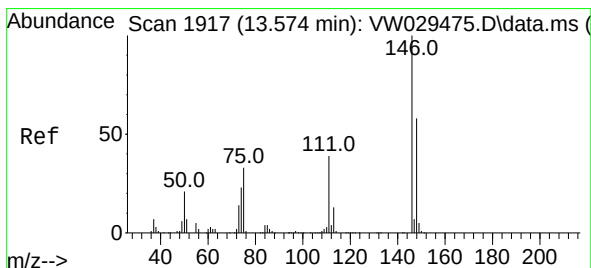
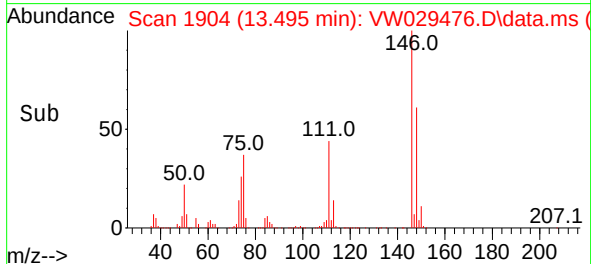
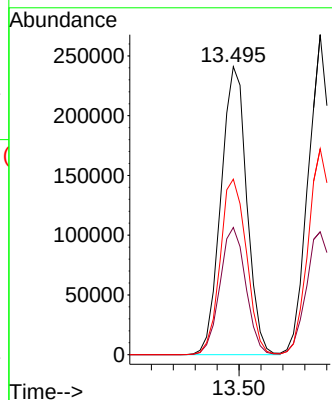
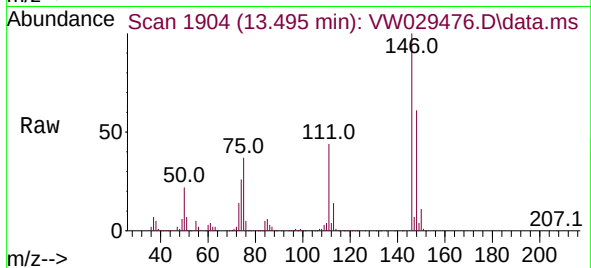
Tgt Ion:146 Resp: 394527

Ion Ratio Lower Upper

146 100

111 44.2 28.6 53.2

148 61.0 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 55.028 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

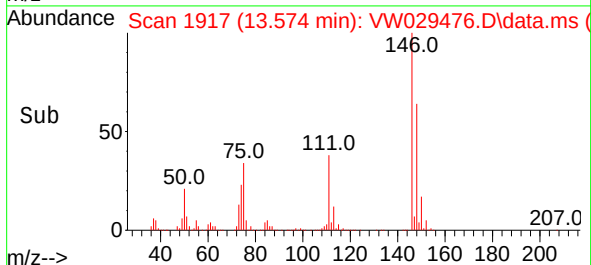
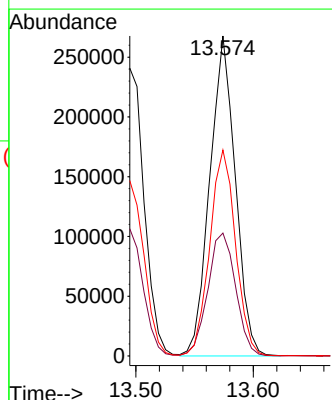
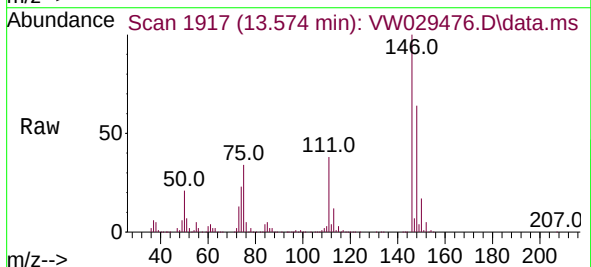
Tgt Ion:146 Resp: 404996

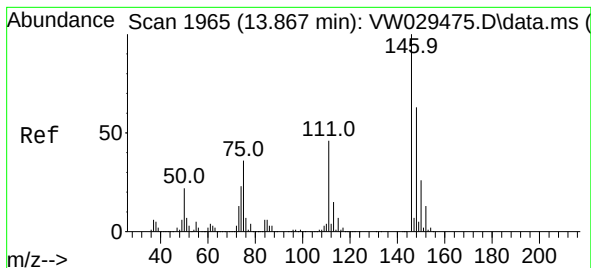
Ion Ratio Lower Upper

146 100

111 38.4 27.6 51.4

148 64.3 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 58.517 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :

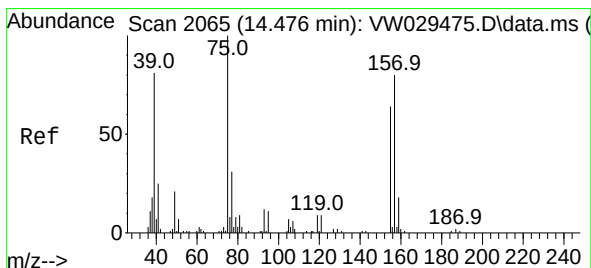
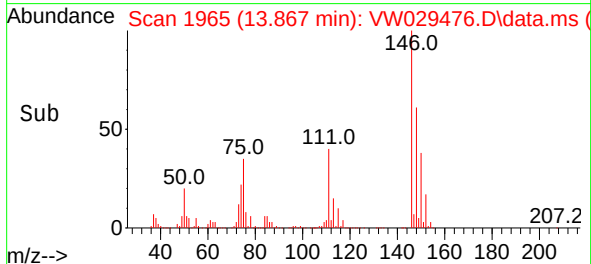
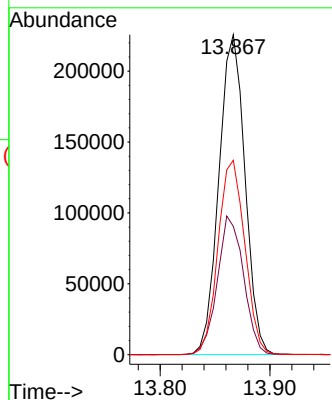
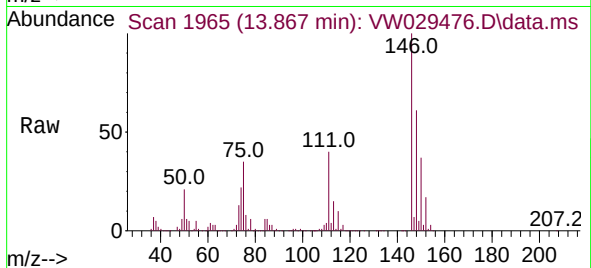
Tgt Ion:146 Resp: 372997

Ion Ratio Lower Upper

146 100

111 40.1 37.1 55.7

148 60.8 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 57.332 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

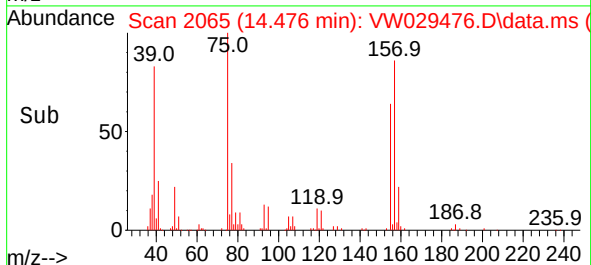
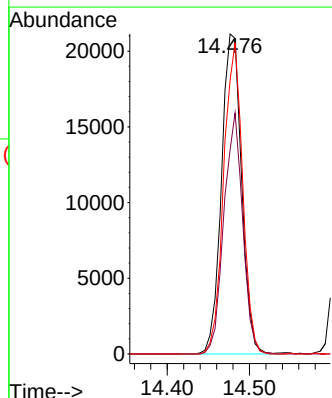
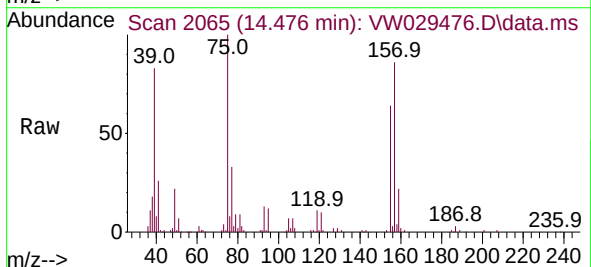
Tgt Ion: 75 Resp: 35851

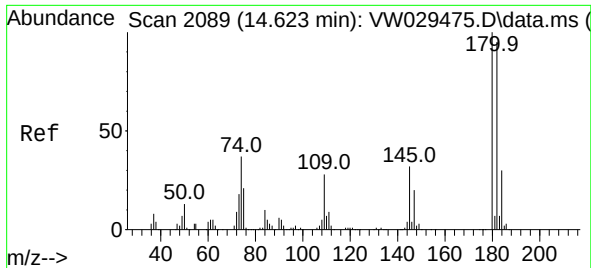
Ion Ratio Lower Upper

75 100

155 63.9 51.2 76.8

157 85.6 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 54.876 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

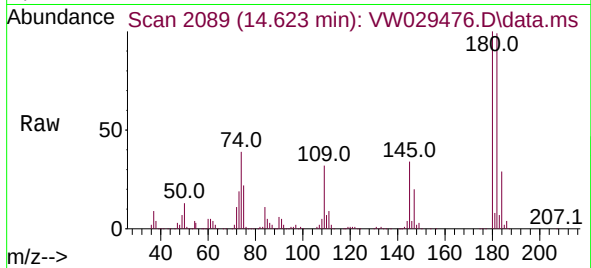
Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 254703

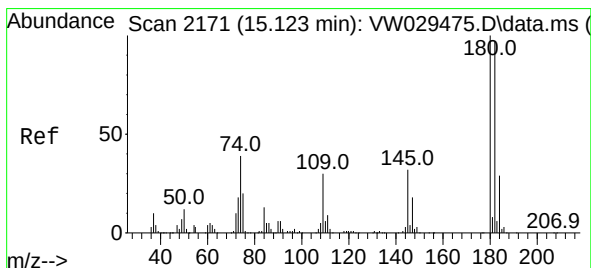
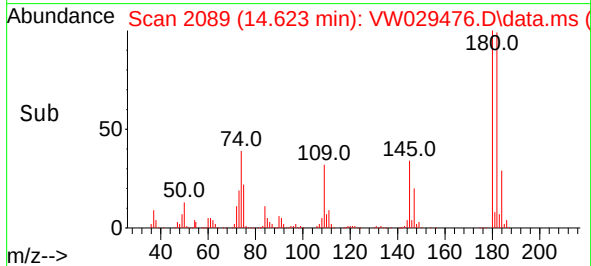
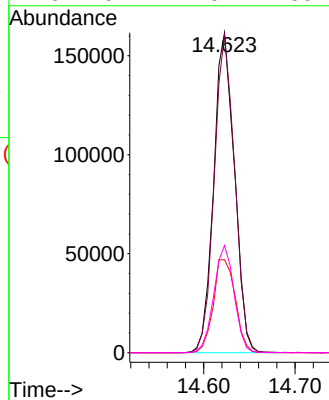
Ion Ratio Lower Upper

180 100

182 98.0 77.9 116.9

184 30.9 24.4 36.6

145 32.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 62.444 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029476.D

Acq: 08 Jul 2024 12:36

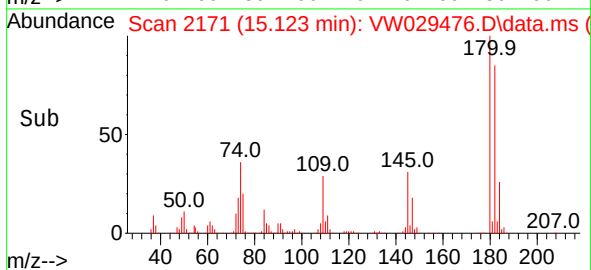
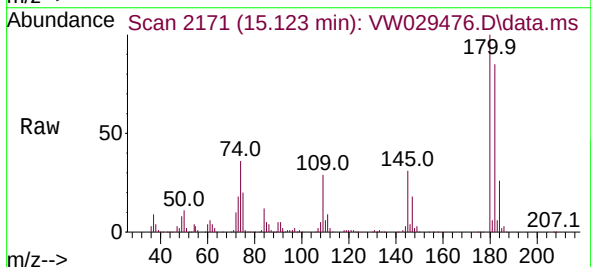
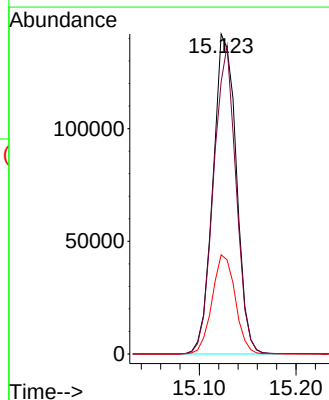
Tgt Ion:180 Resp: 237649

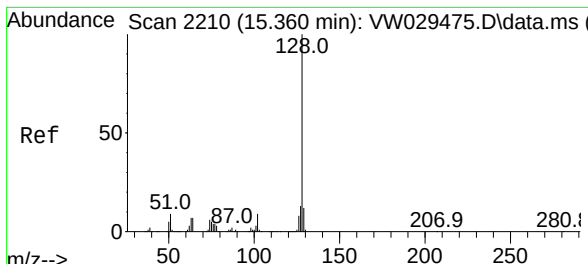
Ion Ratio Lower Upper

180 100

182 92.8 74.7 112.1

145 30.8 26.2 39.2



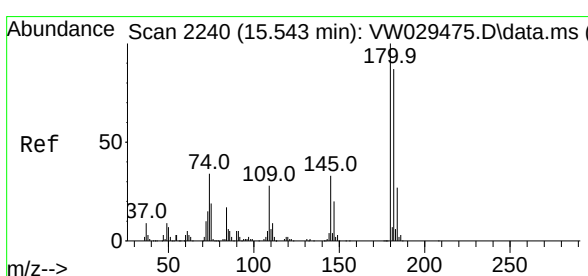
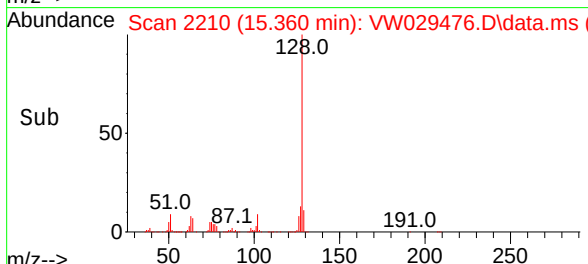
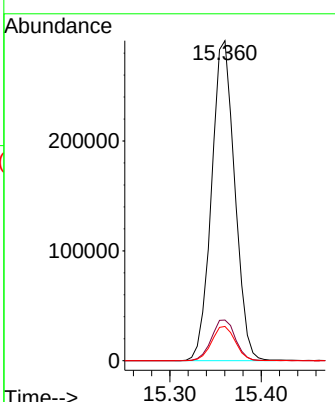
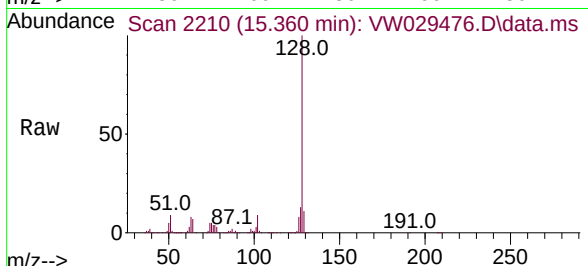


#71
 Naphthalene
 Concen: 67.302 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW029476.D
 Acq: 08 Jul 2024 12:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 514183

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	9.0	13.4



#72
 1,2,3-Trichlorobenzene
 Concen: 58.112 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW029476.D
 Acq: 08 Jul 2024 12:36

Tgt Ion:180 Resp: 203643

Ion	Ratio	Lower	Upper
180	100		
182	99.1	73.4	110.0
145	35.0	26.9	40.3

