

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028177.D
 Acq On : 14 Mar 2024 13:39
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:24:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	192572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	178907	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	9818	4.357	ug/L	0.00
7) Chloroethane-d5	2.899	69	6104	3.919	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	5999	4.263	ug/L	0.00
21) 2-Butanone-d5	7.167	46	254	0.391	ug/L	0.09
24) Chloroform-d	7.648	84	23919	4.212	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	13399	4.282	ug/L	0.00
32) Benzene-d6	8.276	84	44682	4.091	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	12942	4.117	ug/L	0.00
41) Toluene-d8	10.318	98	41612	4.130	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5409	3.789	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3840	7.481	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9761	4.204	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	13787	4.065	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	14962	5.551	ug/L	99
3) Chloromethane	2.216	50	10208	5.152	ug/L	99
5) Vinyl chloride	2.369	62	12264	5.476	ug/L	92
6) Bromomethane	2.783	94	7150	5.361	ug/L	80
8) Chloroethane	2.930	64	6382	5.302	ug/L	99
9) Trichlorofluoromethane	3.265	101	12680	4.683	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	12481	4.819	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	13173	5.265	ug/L	84
13) Acetone	4.131	43	6159	8.747	ug/L	95
14) Carbon disulfide	4.393	76	42955	5.538	ug/L	98
15) Methyl Acetate	4.667	43	2506	2.236	ug/L	100
16) Methylene chloride	4.917	84	18136	6.177	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	14078	5.327	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	22169	5.560	ug/L #	81
19) 1,1-Dichloroethane	6.216	63	28507	5.572	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	15276	5.351	ug/L	94
22) 2-Butanone	7.173	43	9288	11.496	ug/L	99
23) Bromochloromethane	7.514	128	7095	5.623	ug/L	91
25) Chloroform	7.679	83	28638	5.437	ug/L	98
27) 1,2-Dichloroethane	8.398	62	20894	5.618	ug/L	98
29) Cyclohexane	7.959	56	24705	5.293	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	24896	5.309	ug/L	100
31) Carbon tetrachloride	8.069	117	23598	5.364	ug/L	98
33) Benzene	8.325	78	59937	5.444	ug/L	100
34) Trichloroethene	9.093	95	16358	5.326	ug/L	98
35) Methylcyclohexane	9.337	83	27362	5.270	ug/L	99
37) 1,2-Dichloropropane	9.361	63	15458	5.490	ug/L #	96
38) Bromodichloromethane	9.642	83	20689	5.449	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	22970	5.094	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	17032	10.958	ug/L	98
42) Toluene	10.386	91	65558	5.456	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	19658	5.163	ug/L	92

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

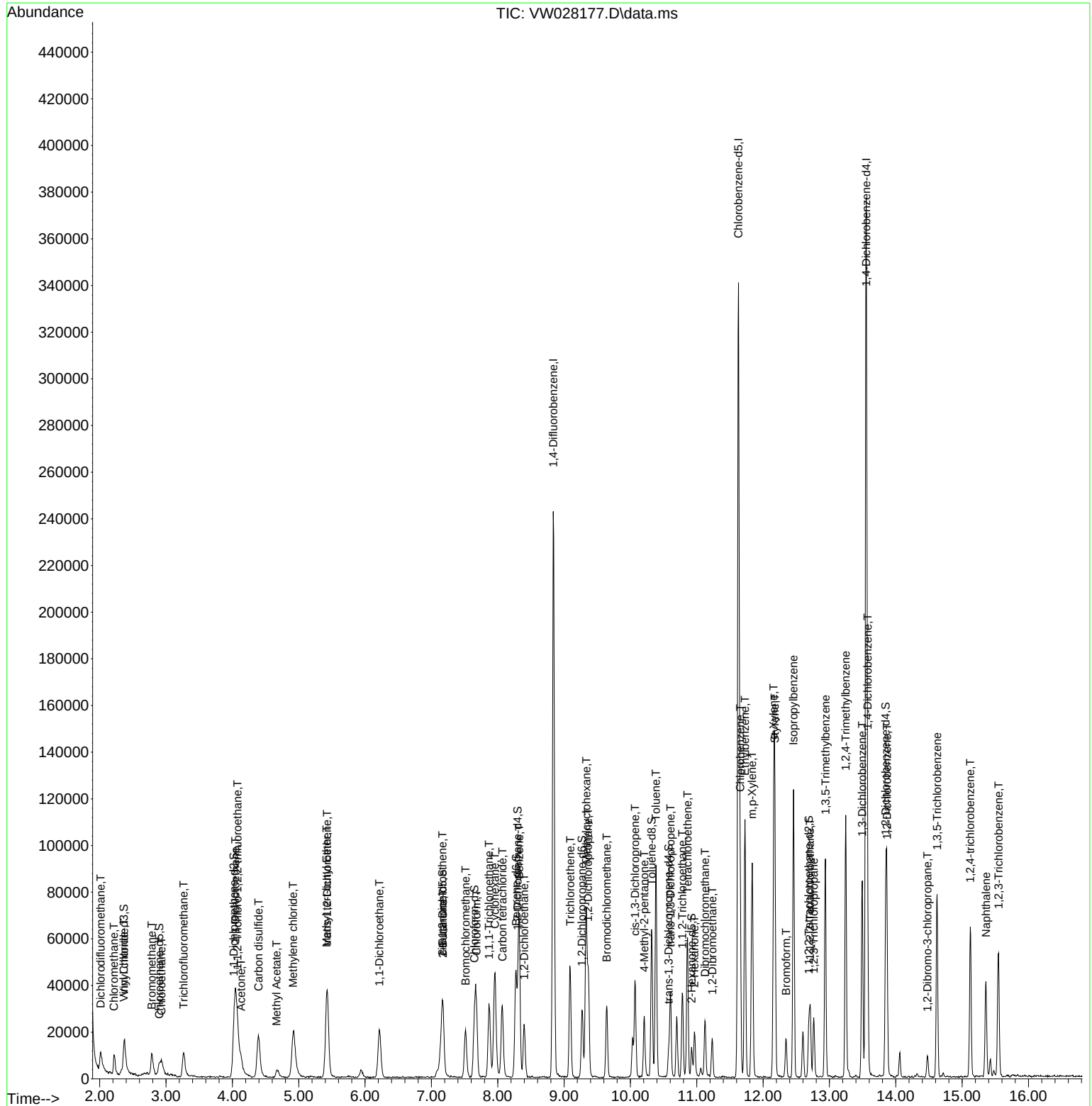
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	10908	5.361	ug/L	97
46) Tetrachloroethene	10.861	164	13668	5.521	ug/L	96
48) 2-Hexanone	10.965	43	12857	10.560	ug/L	97
49) Dibromochloromethane	11.123	129	12412	5.151	ug/L	97
50) 1,2-Dibromoethane	11.233	107	10925	5.616	ug/L	93
51) Chlorobenzene	11.654	112	41909	5.495	ug/L	97
52) Ethylbenzene	11.727	91	73617	5.249	ug/L	97
53) m,p-Xylene	11.836	106	28095	5.323	ug/L	99
54) o-Xylene	12.160	106	25335	5.176	ug/L	94
55) Styrene	12.178	104	44600	5.305	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	13032	5.600	ug/L	99
59) Bromoform	12.349	173	7408	5.310	ug/L	98
60) Isopropylbenzene	12.458	105	72236	5.222	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	10024	5.641	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	48134	5.186	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	59253	5.287	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	33348	5.404	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	34462	5.584	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	28450	5.353	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	2390	5.726	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	23138	5.382	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	20130	5.512	ug/L	98
71) Naphthalene	15.360	128	33803	5.393	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	16981	5.640	ug/L	97

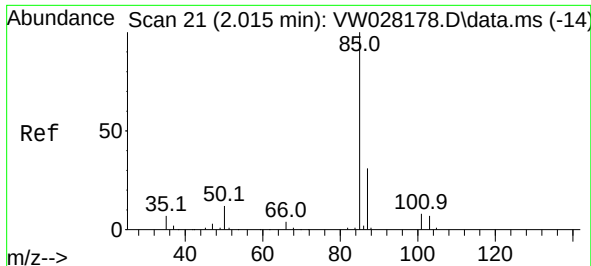
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 15 01:24:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
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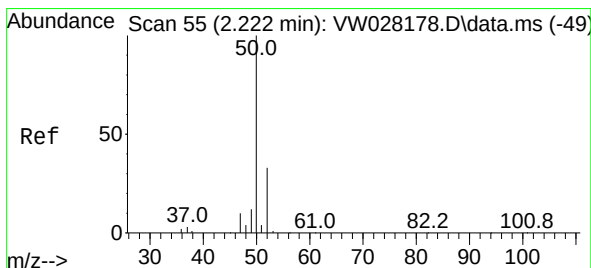
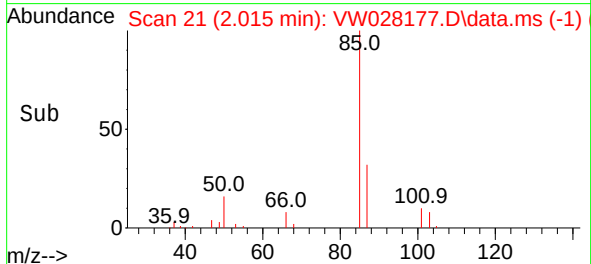
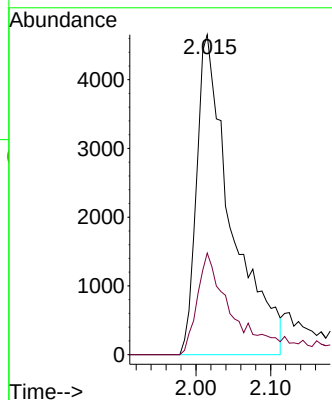
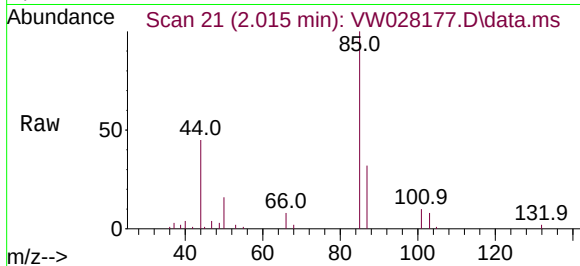




#2
 Dichlorodifluoromethane
 Concen: 5.551 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028177.D
 Acq: 14 Mar 2024 13:39

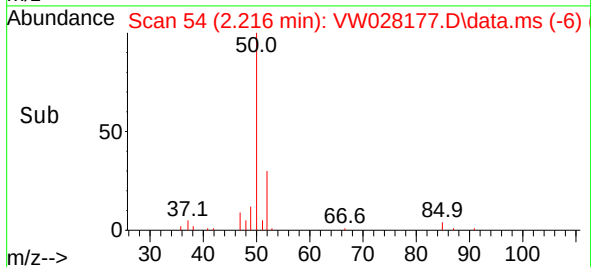
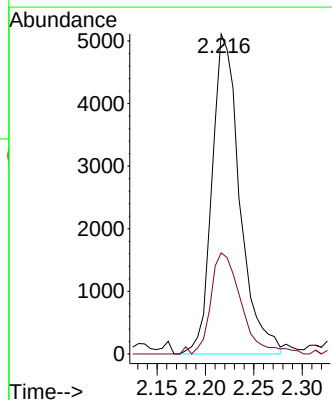
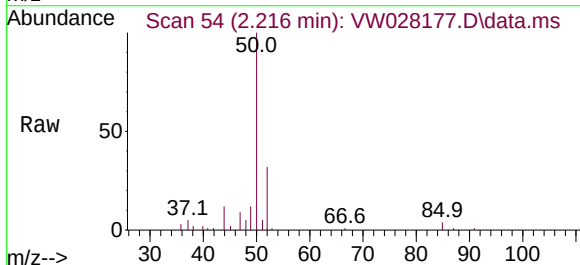
Instrument :
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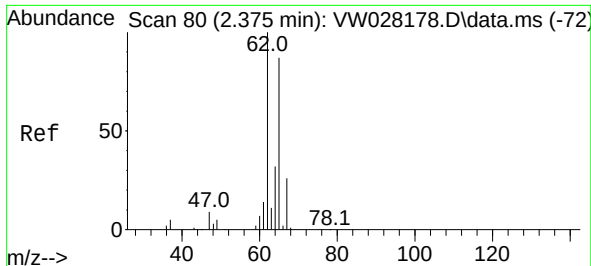
Tgt Ion: 85 Resp: 14962
 Ion Ratio Lower Upper
 85 100
 87 25.5 20.9 31.3



#3
 Chloromethane
 Concen: 5.152 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW028177.D
 Acq: 14 Mar 2024 13:39

Tgt Ion: 50 Resp: 10208
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.7 42.1

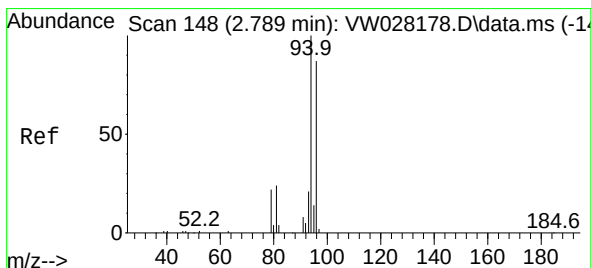
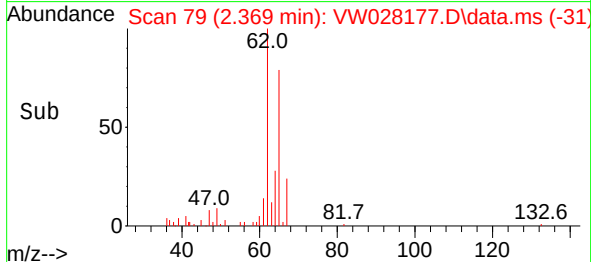
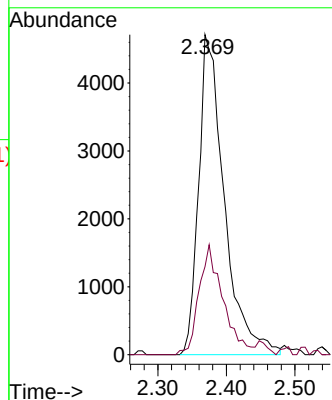
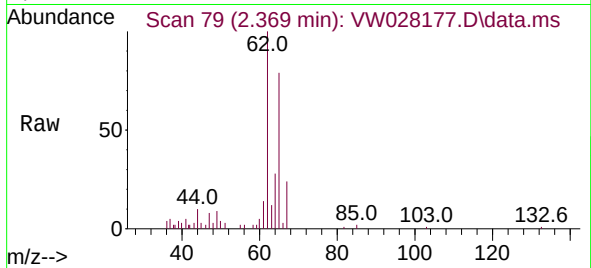




#5
 Vinyl chloride
 Concen: 5.476 ug/L
 RT: 2.369 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW028177.D
 Acq: 14 Mar 2024 13:39

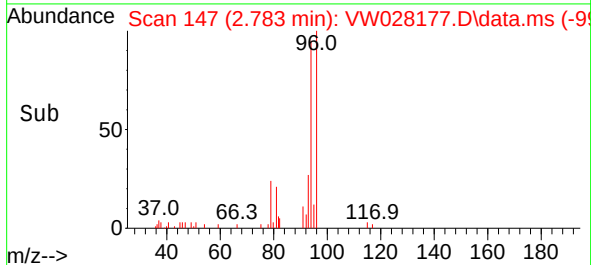
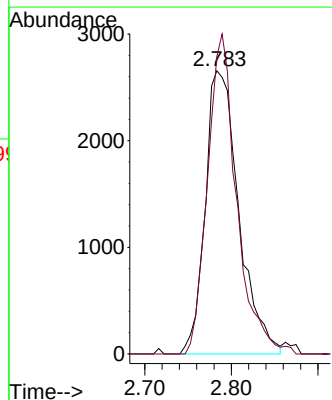
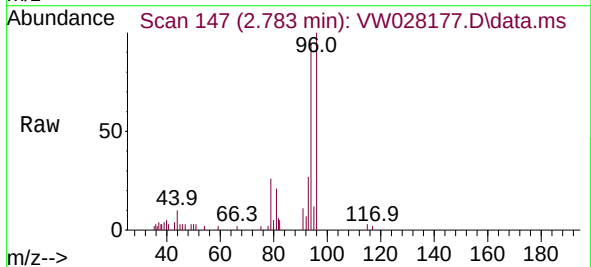
Instrument :
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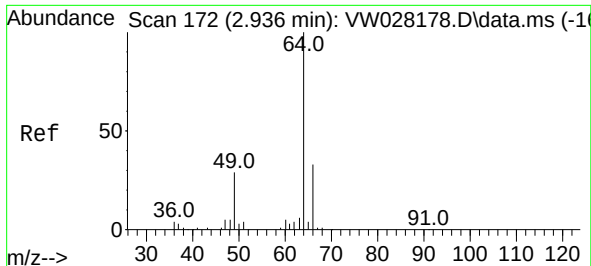
Tgt Ion: 62 Resp: 12264
 Ion Ratio Lower Upper
 62 100
 64 27.5 22.5 41.7



#6
 Bromomethane
 Concen: 5.361 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW028177.D
 Acq: 14 Mar 2024 13:39

Tgt Ion: 94 Resp: 7150
 Ion Ratio Lower Upper
 94 100
 96 105.0 60.8 113.0

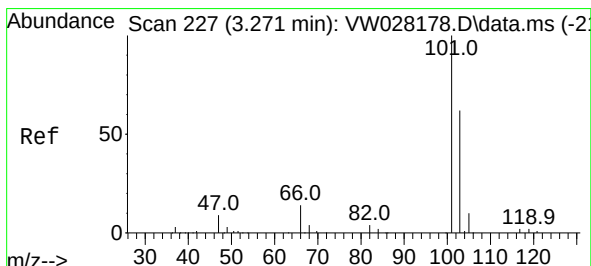
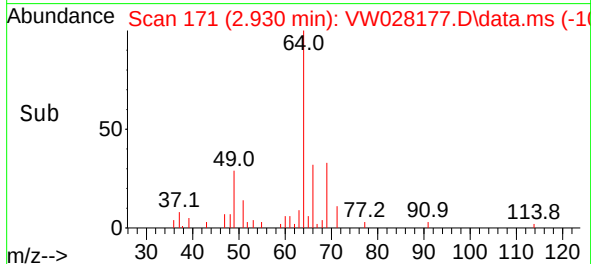
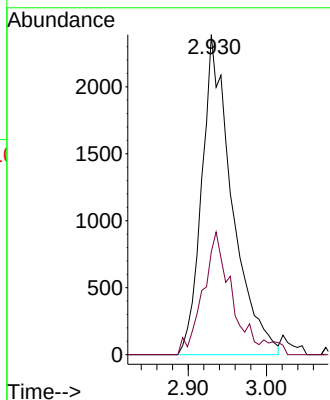
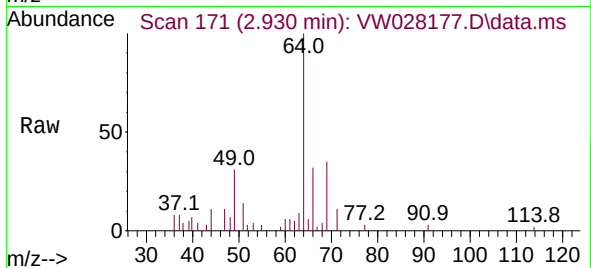




#8
Chloroethane
Concen: 5.302 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

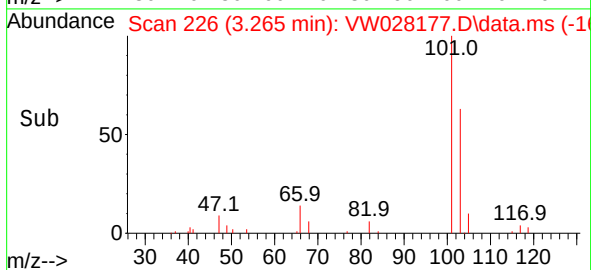
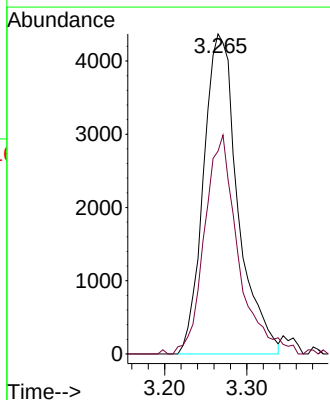
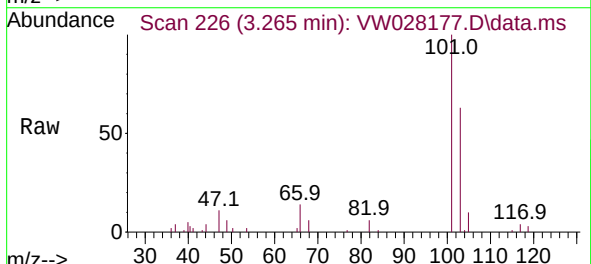
Instrument :
MSVOA_W
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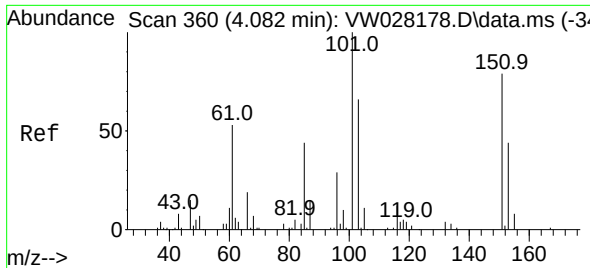
Tgt Ion: 64 Resp: 6382
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.683 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

Tgt Ion:101 Resp: 12680
Ion Ratio Lower Upper
101 100
103 65.4 50.9 76.3





#10

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

Concen: 4.819 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

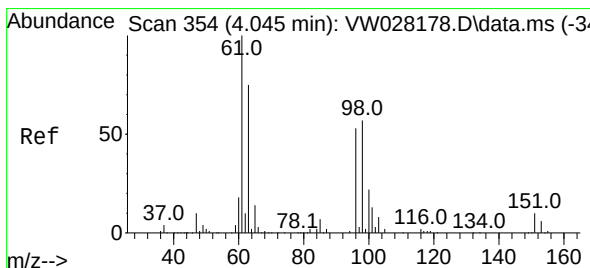
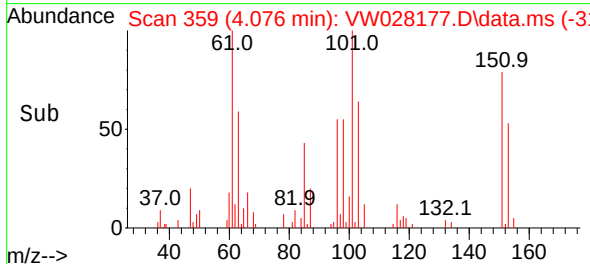
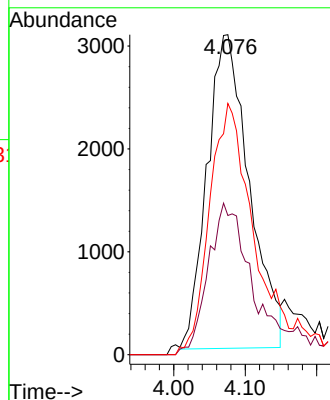
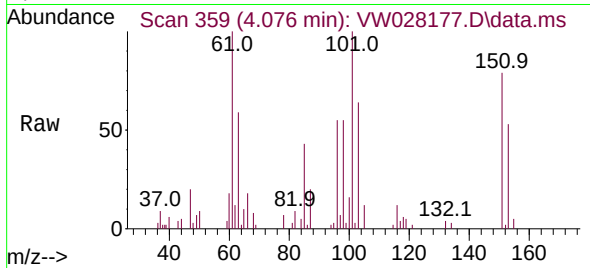
Tgt Ion:101 Resp: 12481

Ion Ratio Lower Upper

101 100

85 21.4 36.4 54.6#

151 77.1 58.4 87.6



#12

1,1-Dichloroethene

Concen: 5.265 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

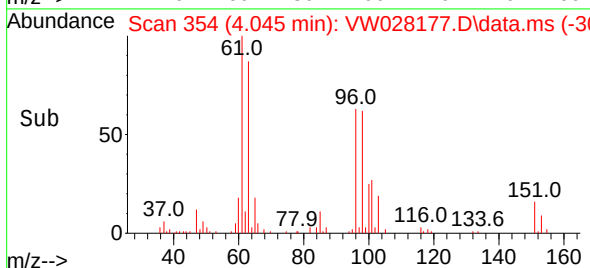
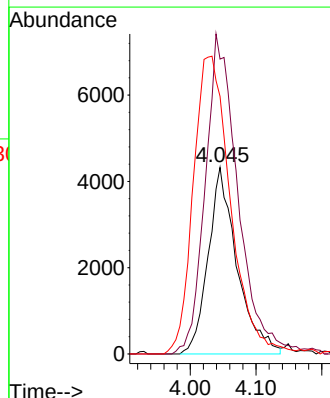
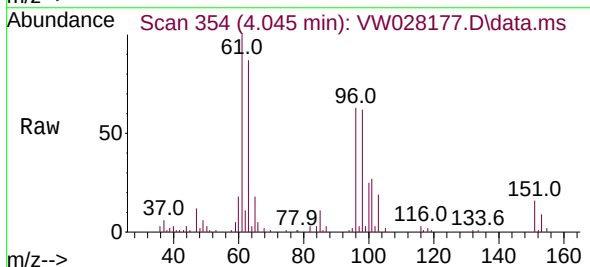
Tgt Ion: 96 Resp: 13173

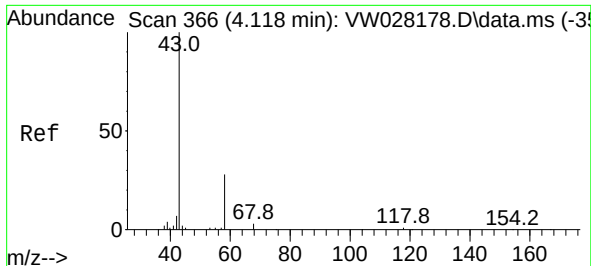
Ion Ratio Lower Upper

96 100

61 158.1 132.2 245.4

63 138.1 104.6 194.2

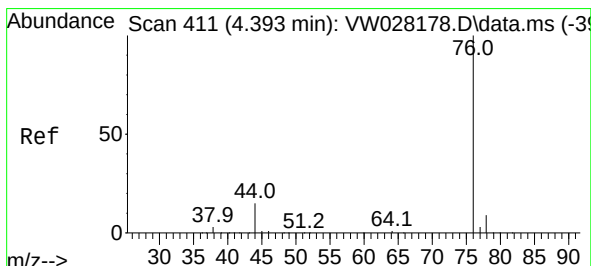
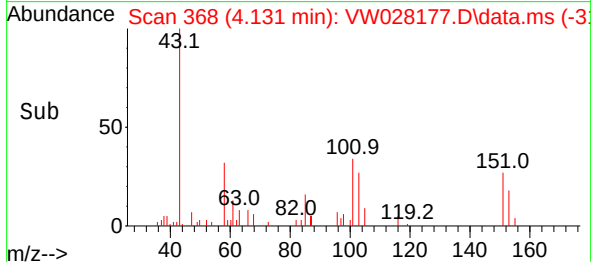
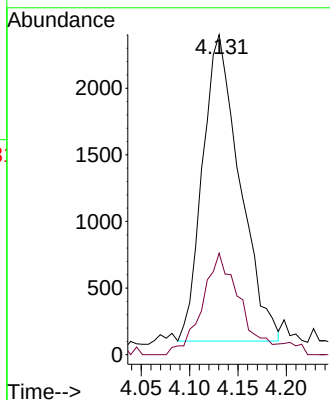
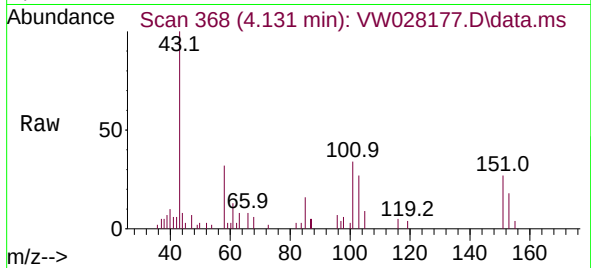




#13
Acetone
Concen: 8.747 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

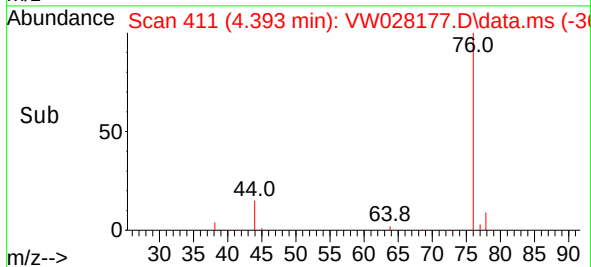
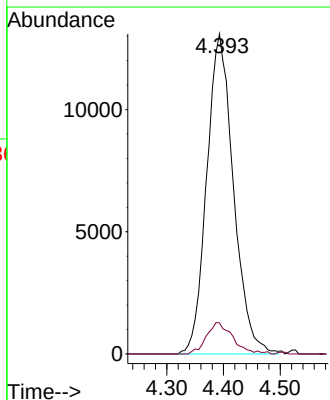
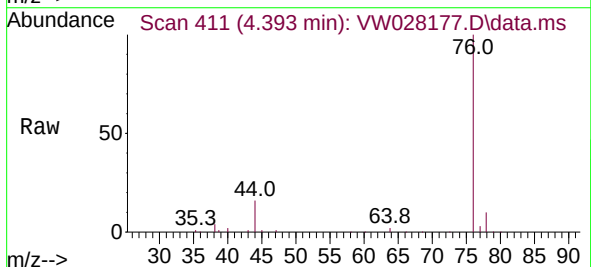
Instrument :
MSVOA_W
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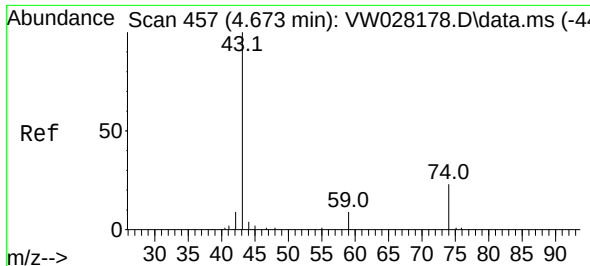
Tgt Ion: 43 Resp: 6159
Ion Ratio Lower Upper
43 100
58 26.3 0.0 57.8



#14
Carbon disulfide
Concen: 5.538 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

Tgt Ion: 76 Resp: 42955
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

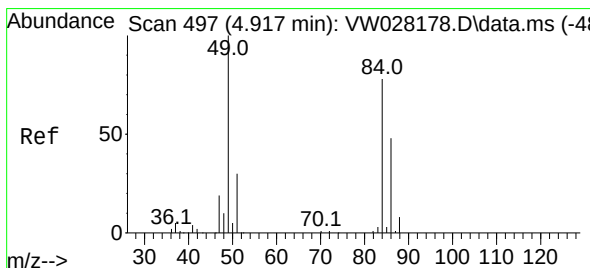
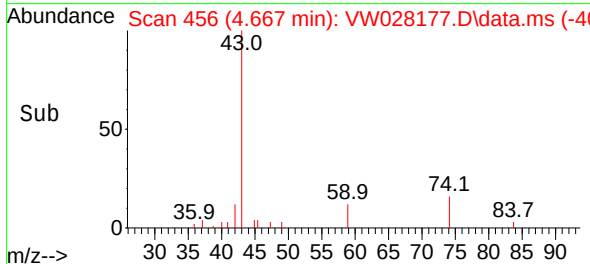
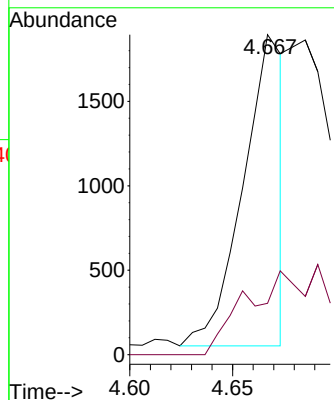
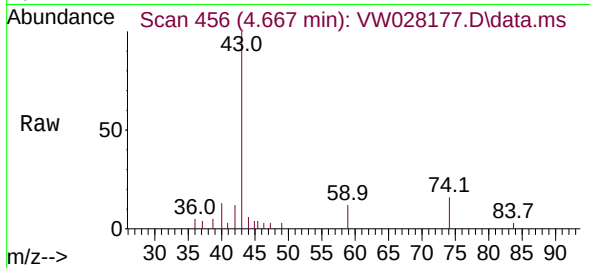




#15
Methyl Acetate
Concen: 2.236 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

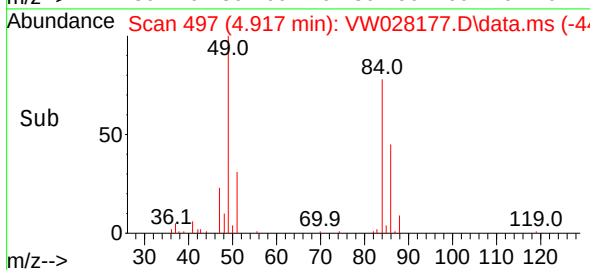
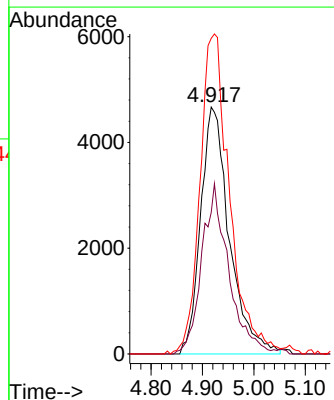
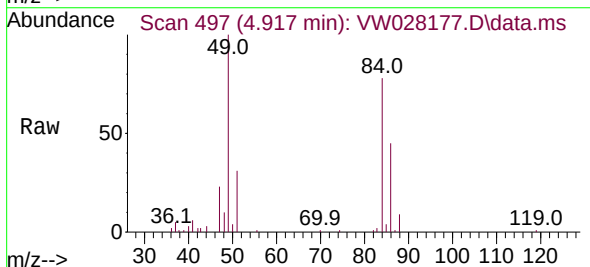
Instrument :
MSVOA_W
ClientSampleId :

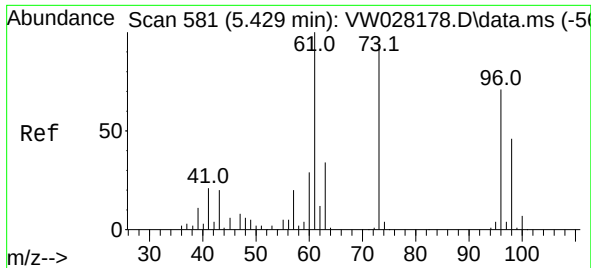
Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2



#16
Methylene chloride
Concen: 6.177 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

Tgt Ion: 84 Resp: 18136
Ion Ratio Lower Upper
84 100
86 57.3 43.1 80.1
49 127.8 89.4 166.0

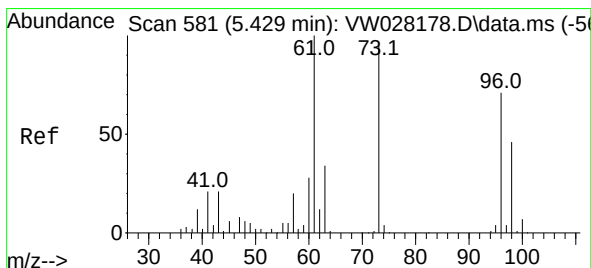
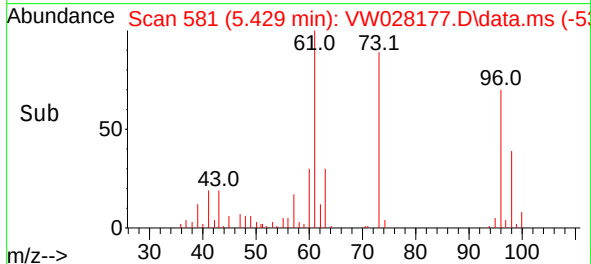
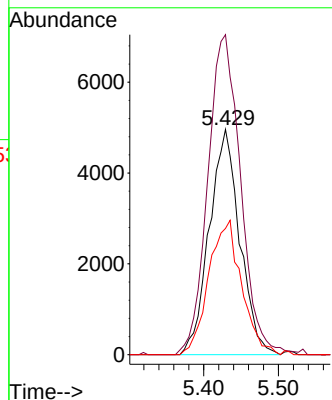
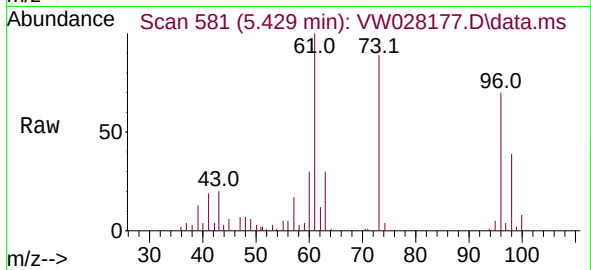




#17
trans-1,2-Dichloroethene
Concen: 5.327 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

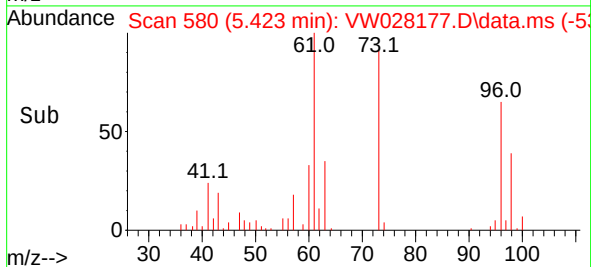
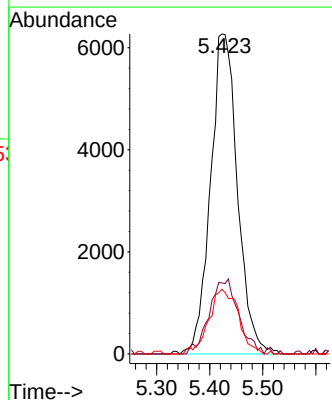
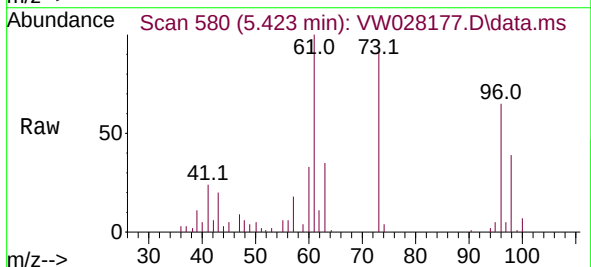
Instrument :
MSVOA_W
ClientSampleId :

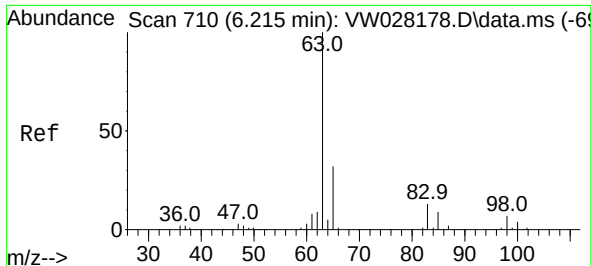
Tgt Ion: 96 Resp: 14078
Ion Ratio Lower Upper
96 100
61 142.0 98.4 182.8
98 56.0 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 5.560 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

Tgt Ion: 73 Resp: 22169
Ion Ratio Lower Upper
73 100
43 12.0 18.2 27.4#
57 14.4 17.4 26.2#





#19

1,1-Dichloroethane

Concen: 5.572 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028177.D

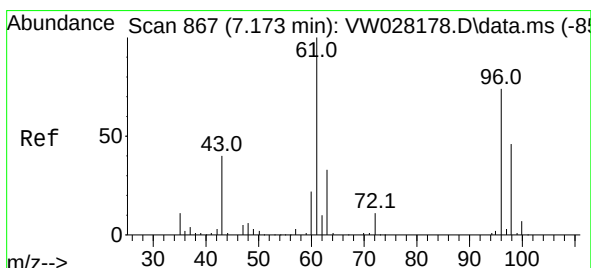
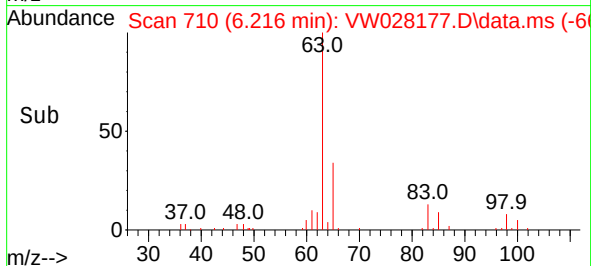
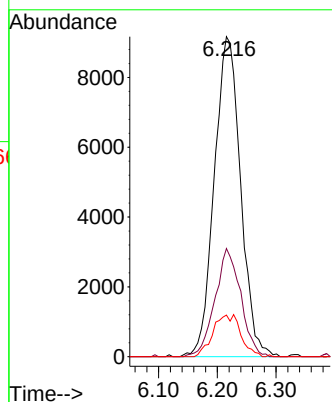
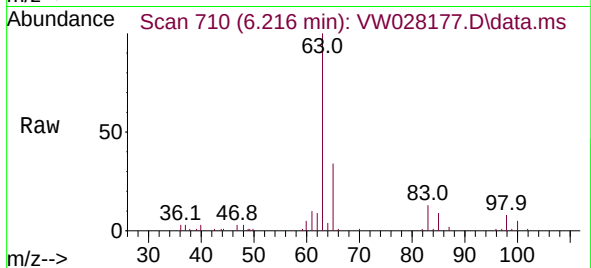
Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	28507
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.1	41.1
83	13.0	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 5.351 ug/L

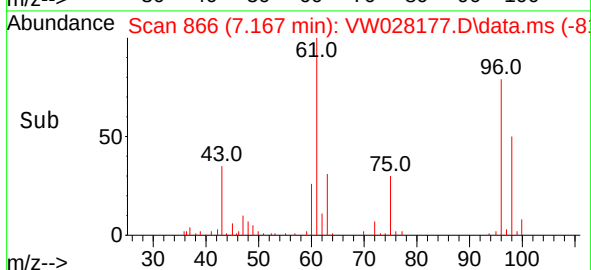
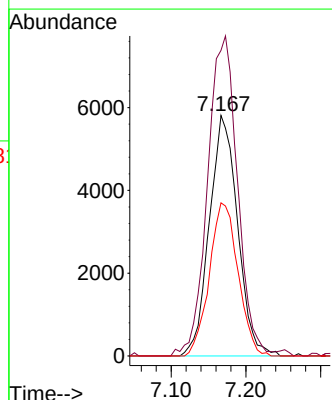
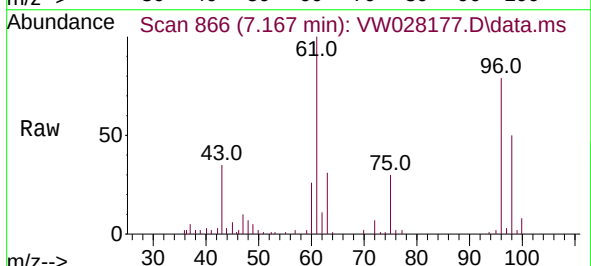
RT: 7.167 min Scan# 866

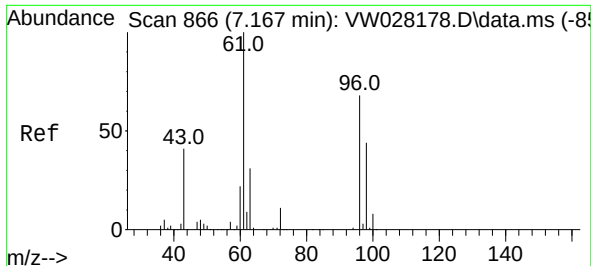
Delta R.T. -0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Tgt Ion:	96	Resp:	15276
Ion	Ratio	Lower	Upper
96	100		
61	127.1	95.7	177.7
98	63.7	43.9	81.5





#22

2-Butanone

Concen: 11.496 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

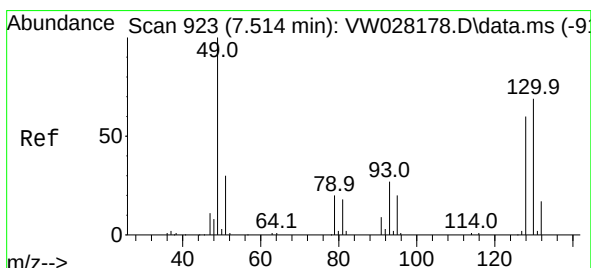
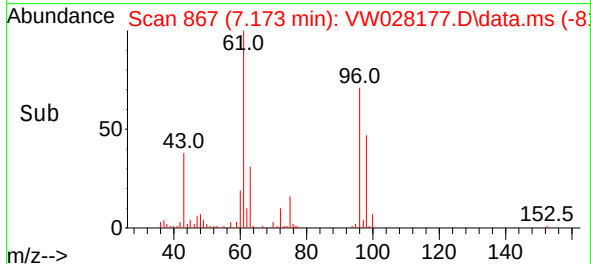
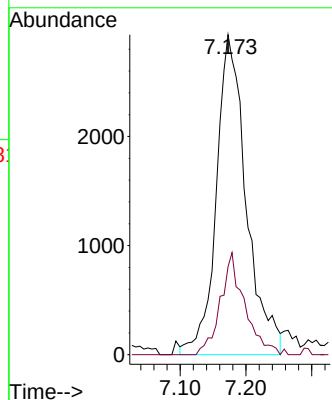
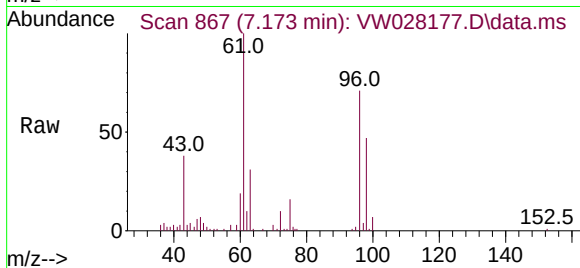
ClientSampleId :

Tgt Ion: 43 Resp: 9288

Ion Ratio Lower Upper

43 100

72 24.9 12.8 38.4



#23

Bromochloromethane

Concen: 5.623 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Tgt Ion: 128 Resp: 7095

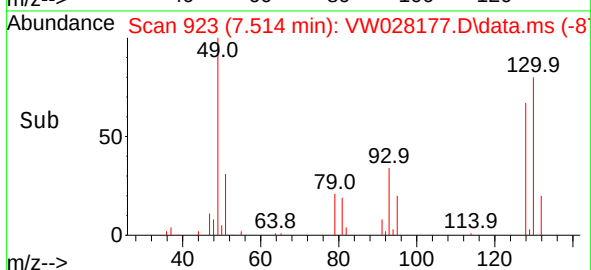
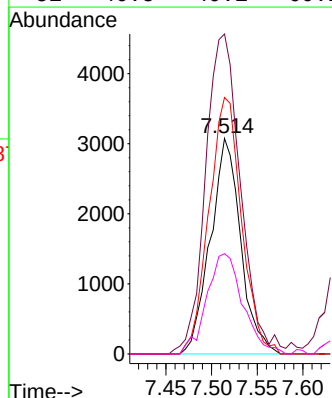
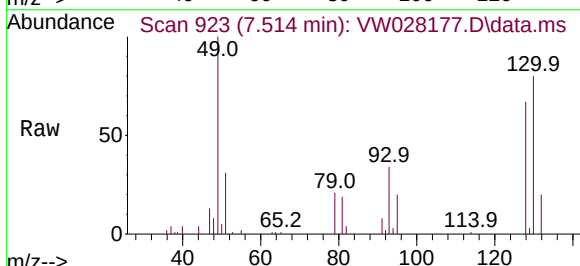
Ion Ratio Lower Upper

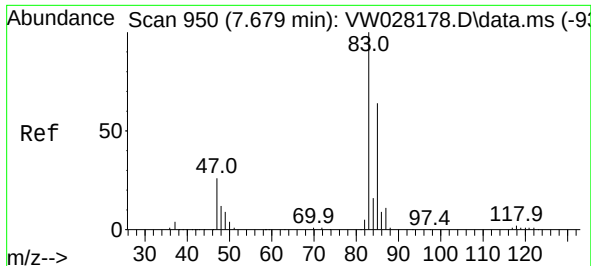
128 100

49 148.5 116.6 216.6

130 119.0 80.1 148.7

51 46.5 40.1 60.1





#25

Chloroform

Concen: 5.437 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

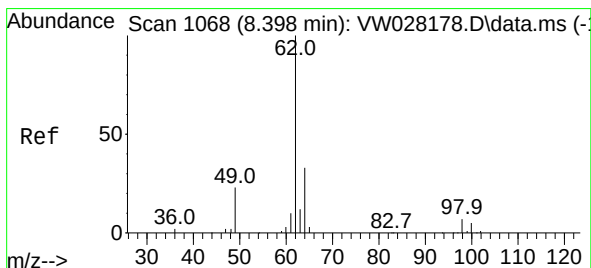
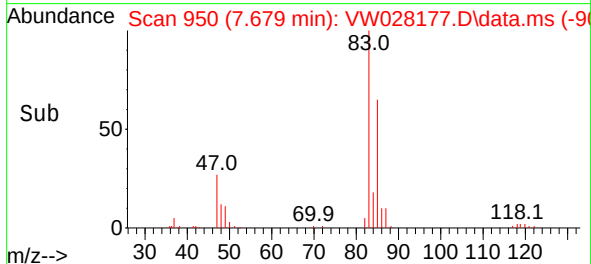
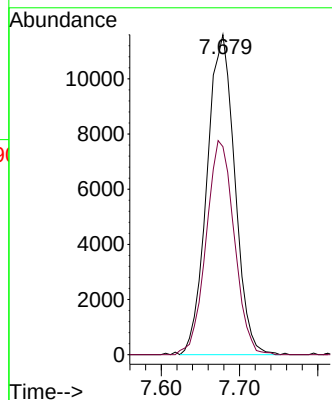
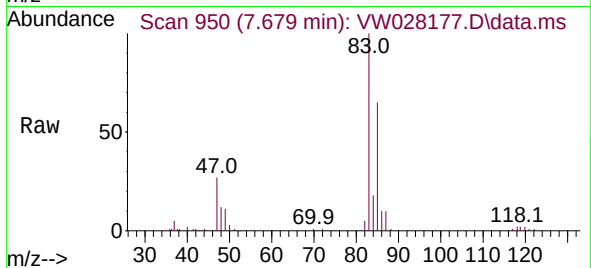
ClientSampleId :

Tgt Ion: 83 Resp: 28638

Ion Ratio Lower Upper

83 100

85 65.0 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.618 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028177.D

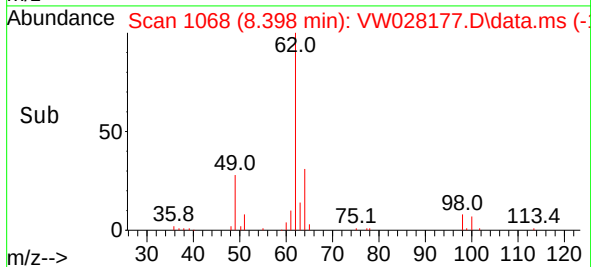
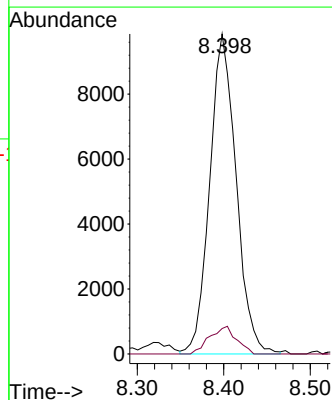
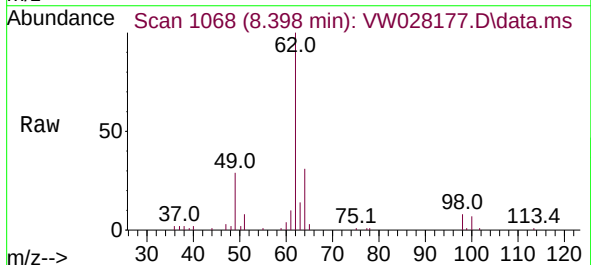
Acq: 14 Mar 2024 13:39

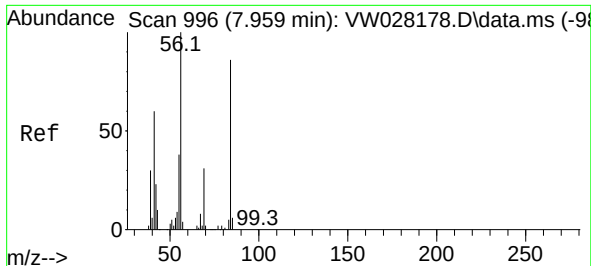
Tgt Ion: 62 Resp: 20894

Ion Ratio Lower Upper

62 100

98 8.0 5.9 8.9





#29

Cyclohexane

Concen: 5.293 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

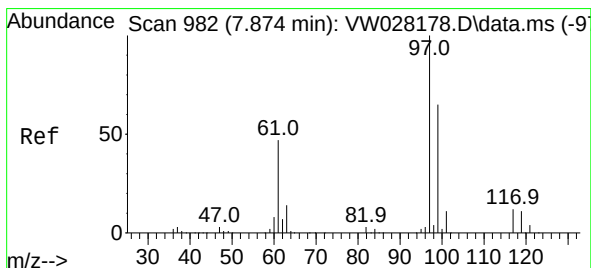
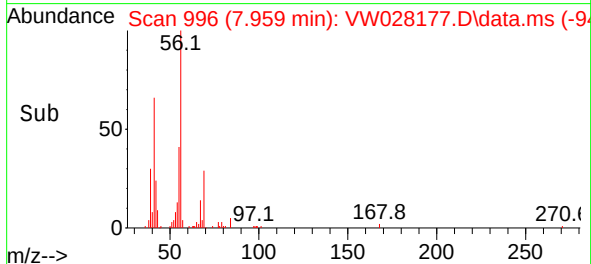
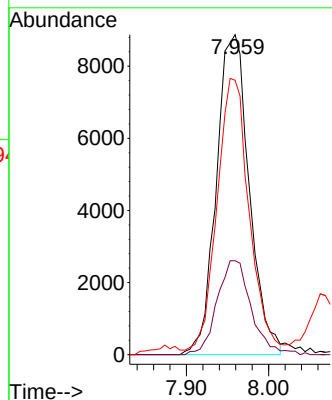
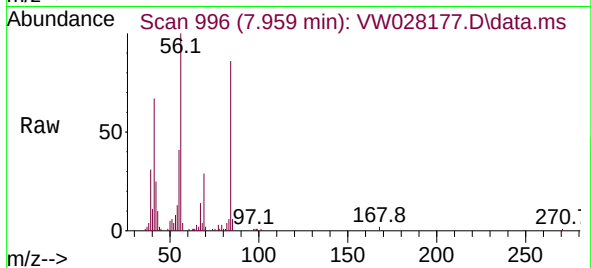
Tgt Ion: 56 Resp: 24705

Ion Ratio Lower Upper

56 100

69 29.9 24.0 36.0

84 85.4 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 5.309 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

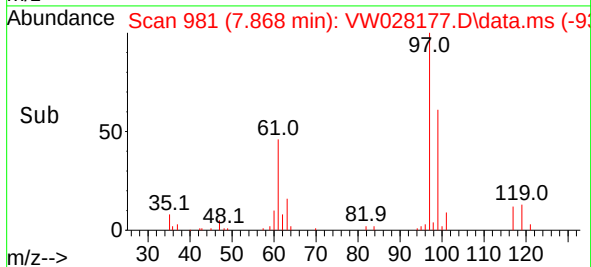
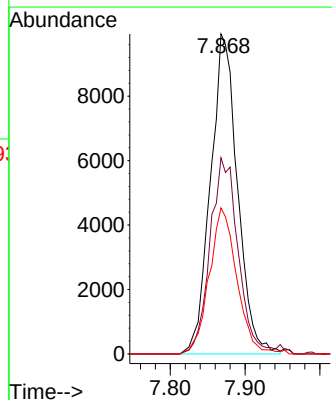
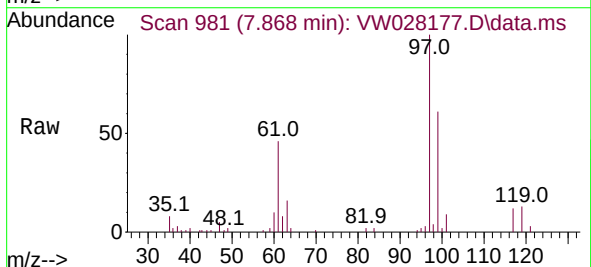
Tgt Ion: 97 Resp: 24896

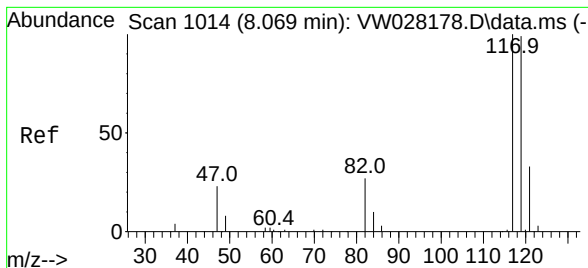
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 46.2 37.0 55.6





#31

Carbon tetrachloride

Concen: 5.364 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

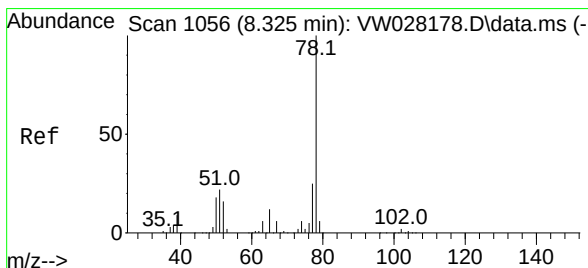
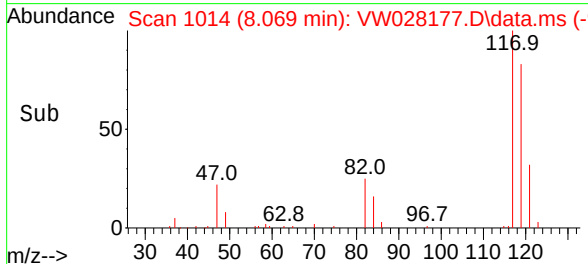
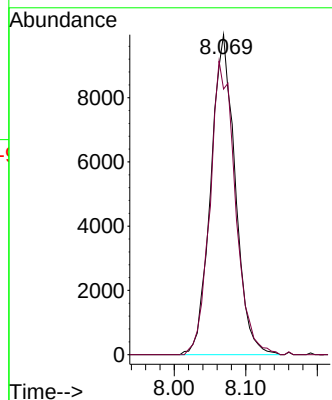
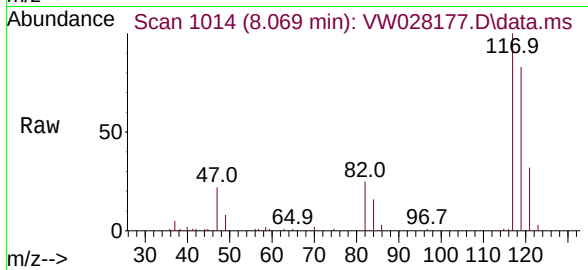
ClientSampleId :

Tgt Ion:117 Resp: 23598

Ion Ratio Lower Upper

117 100

119 95.4 78.2 117.4



#33

Benzene

Concen: 5.444 ug/L

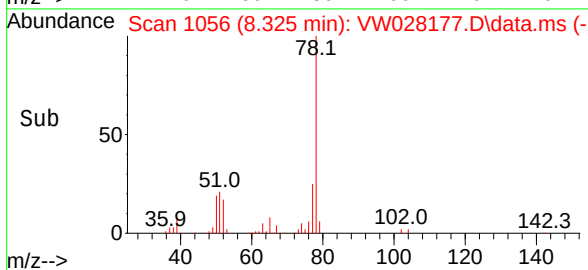
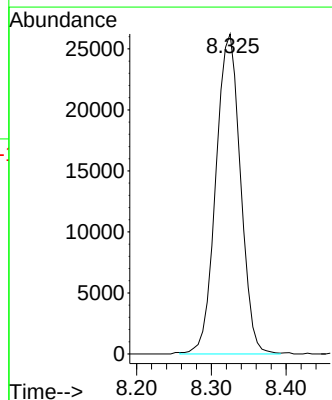
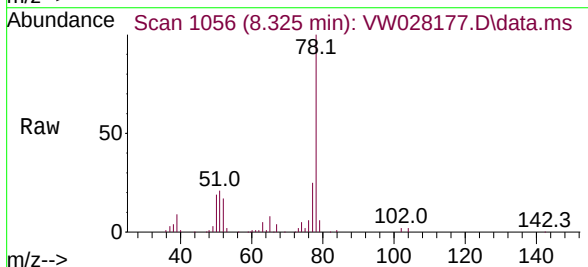
RT: 8.325 min Scan# 1056

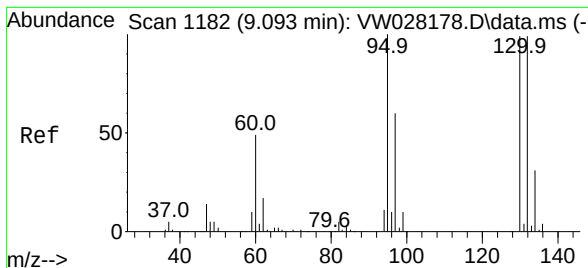
Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Tgt Ion: 78 Resp: 59937





#34

Trichloroethene

Concen: 5.326 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 16358

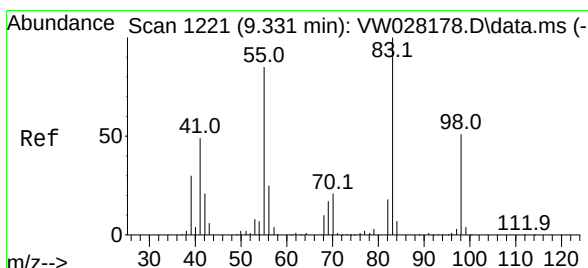
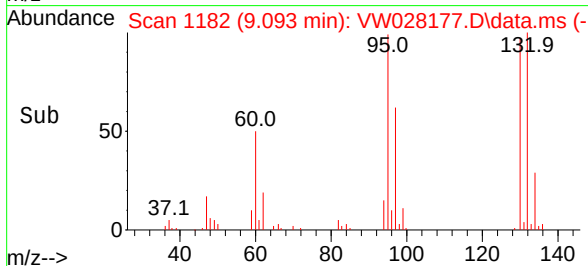
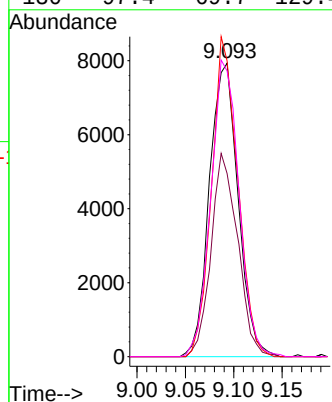
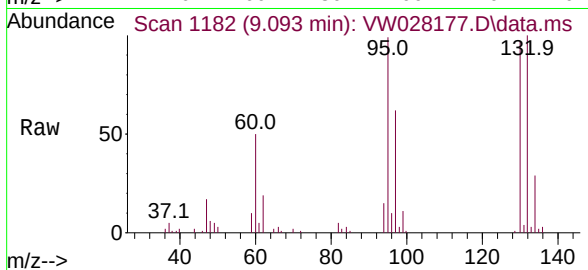
Ion Ratio Lower Upper

95 100

97 62.4 42.4 78.6

132 100.8 69.4 128.8

130 97.4 69.7 129.4



#35

Methylcyclohexane

Concen: 5.270 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

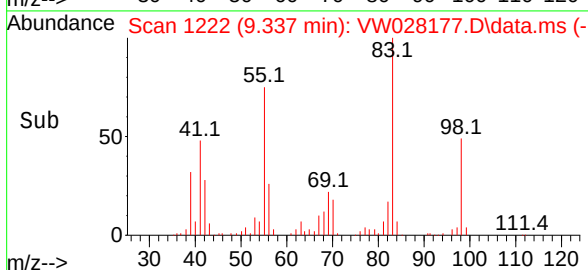
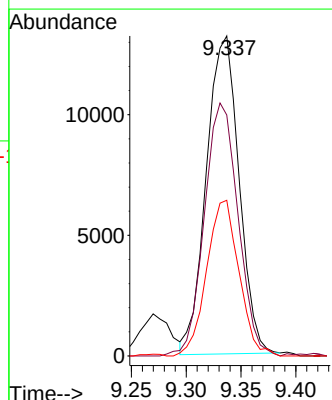
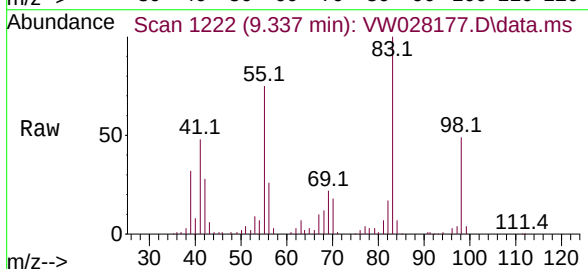
Tgt Ion: 83 Resp: 27362

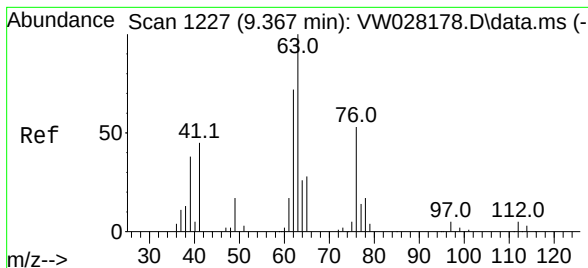
Ion Ratio Lower Upper

83 100

55 82.1 64.2 96.4

98 48.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.490 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

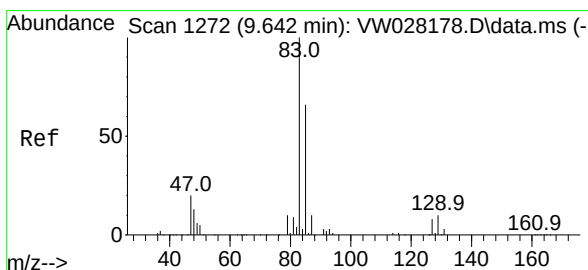
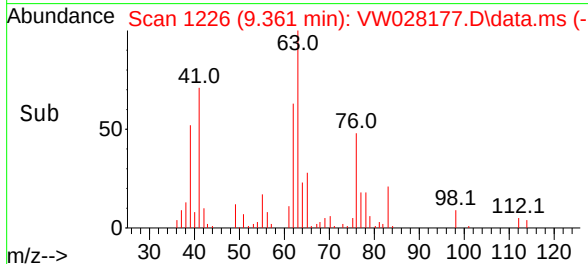
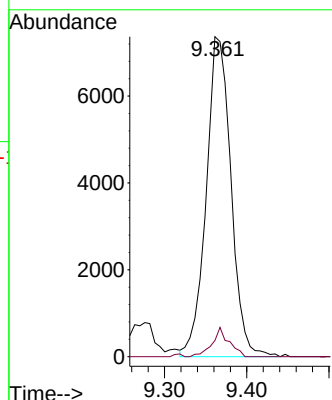
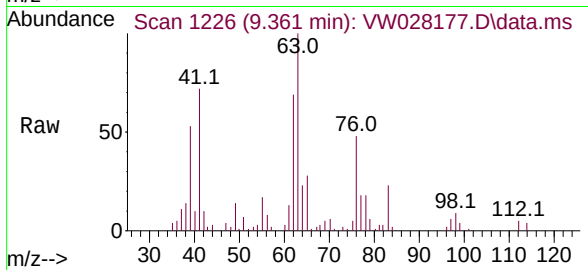
ClientSampleId :

Tgt Ion: 63 Resp: 15458

Ion Ratio Lower Upper

63 100

112 6.2 3.8 5.8#



#38

Bromodichloromethane

Concen: 5.449 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

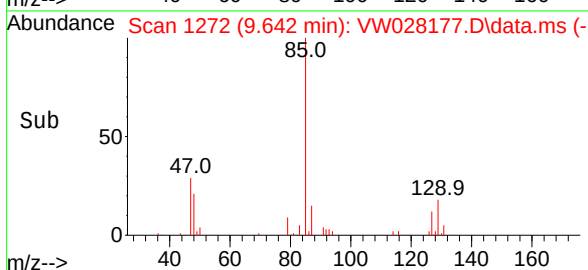
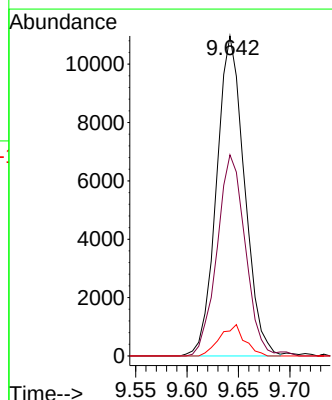
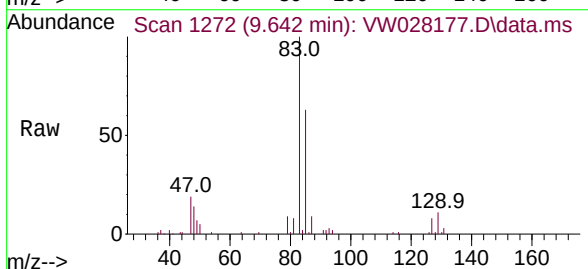
Tgt Ion: 83 Resp: 20689

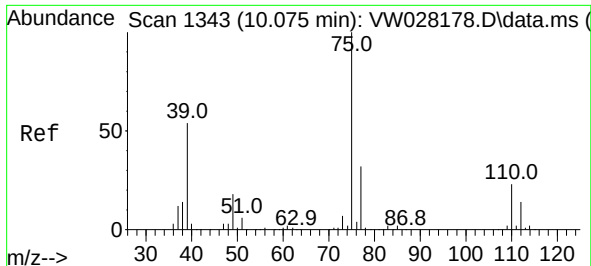
Ion Ratio Lower Upper

83 100

85 62.8 45.8 85.2

127 7.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.094 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

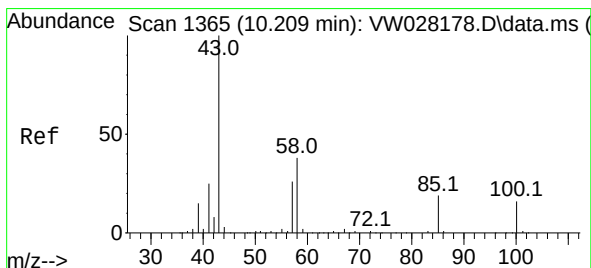
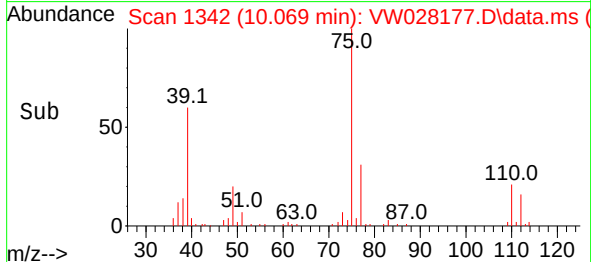
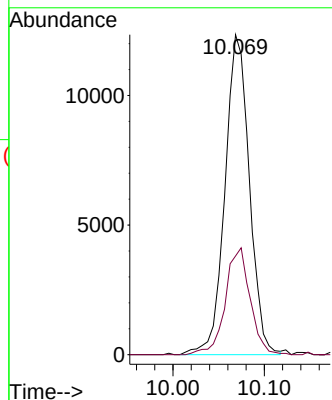
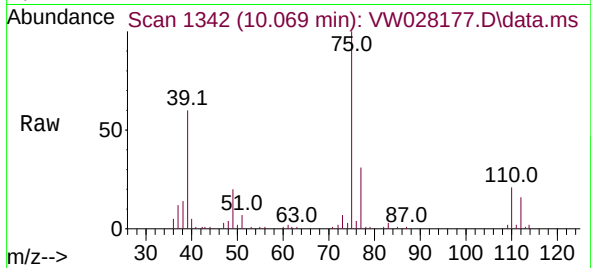
ClientSampleId :

Tgt Ion: 75 Resp: 22970

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 10.958 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

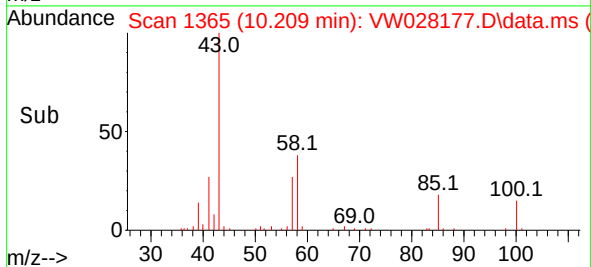
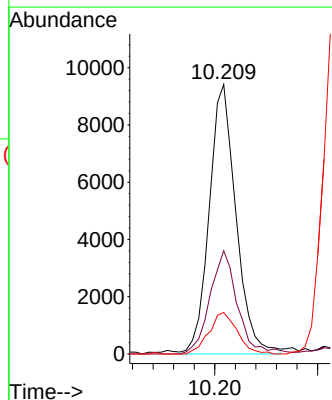
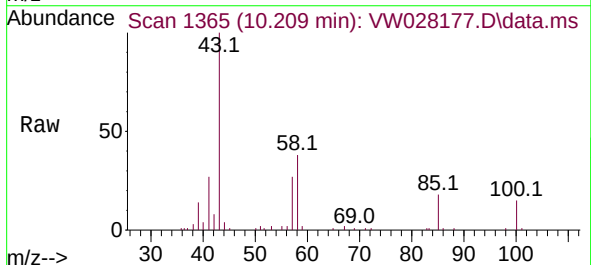
Tgt Ion: 43 Resp: 17032

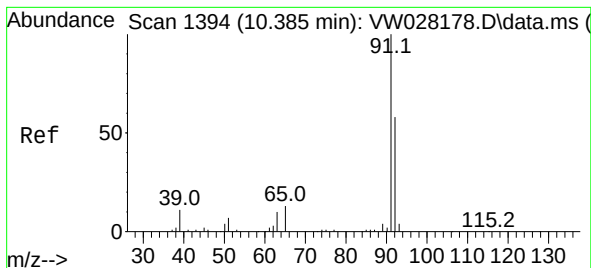
Ion Ratio Lower Upper

43 100

58 38.5 30.1 45.1

100 16.3 11.8 17.8





#42

Toluene

Concen: 5.456 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

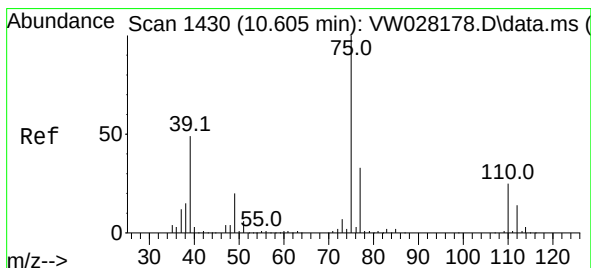
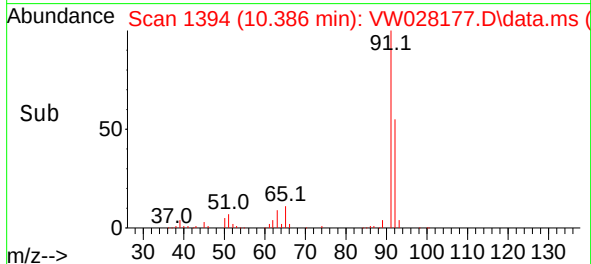
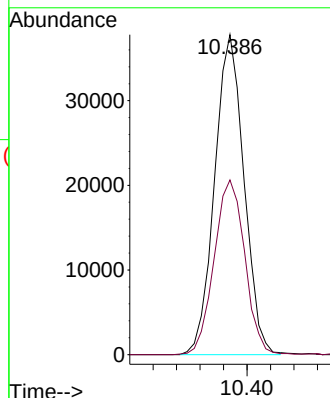
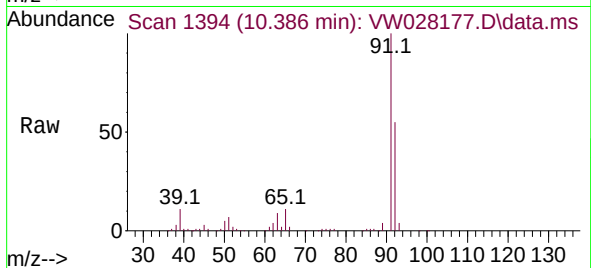
ClientSampleId :

Tgt Ion: 91 Resp: 65558

Ion Ratio Lower Upper

91 100

92 54.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.163 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028177.D

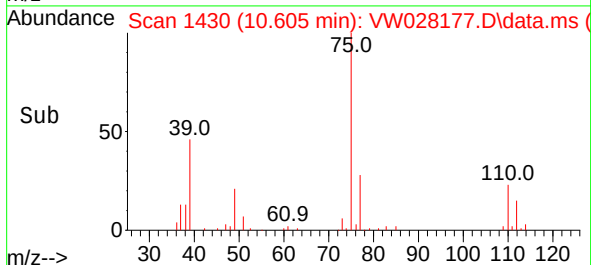
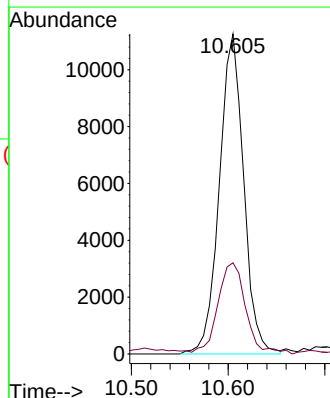
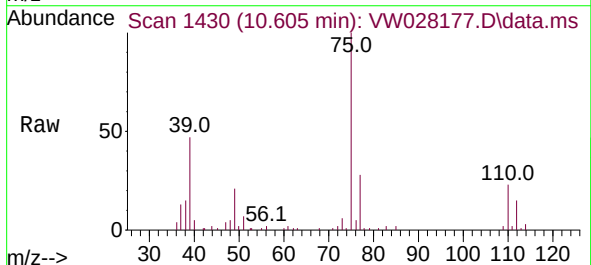
Acq: 14 Mar 2024 13:39

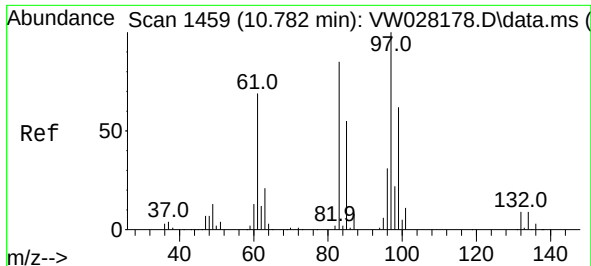
Tgt Ion: 75 Resp: 19658

Ion Ratio Lower Upper

75 100

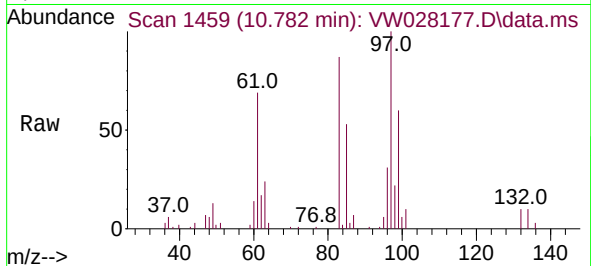
77 28.5 23.0 42.6



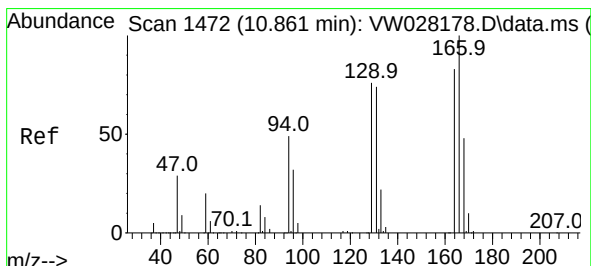
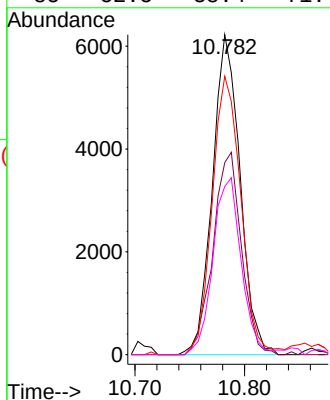
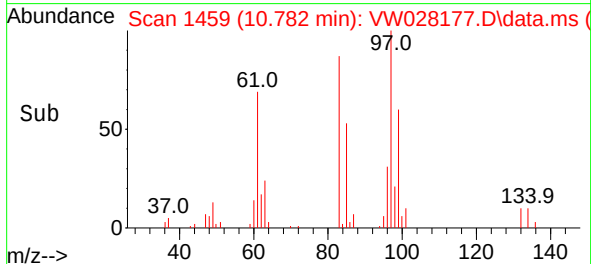


#45
1,1,2-Trichloroethane
Concen: 5.361 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

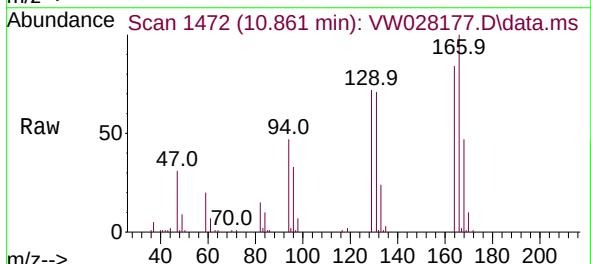
Instrument :
MSVOA_W
ClientSampleId :



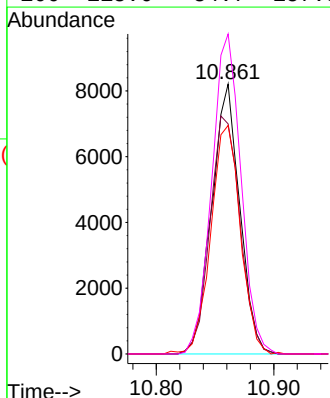
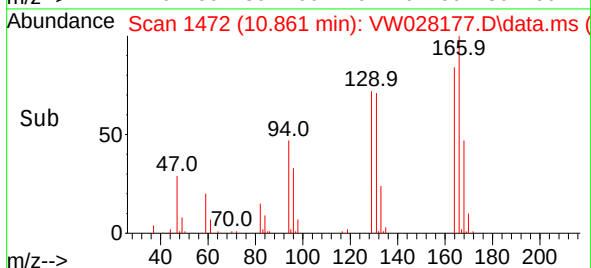
Tgt Ion:	97	Resp:	10908
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.4	80.6
83	87.0	59.4	110.4
85	52.5	38.4	71.4

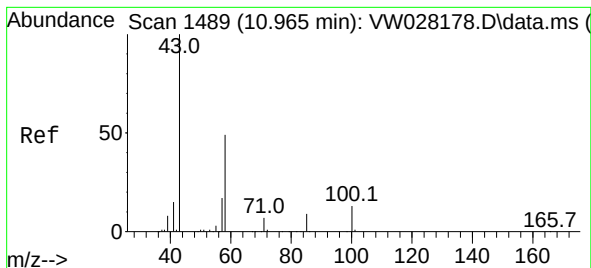


#46
Tetrachloroethene
Concen: 5.521 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39



Tgt Ion:	164	Resp:	13668
Ion	Ratio	Lower	Upper
164	100		
129	85.2	64.0	119.0
131	84.7	62.6	116.3
166	118.6	84.7	157.3





#48

2-Hexanone

Concen: 10.560 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

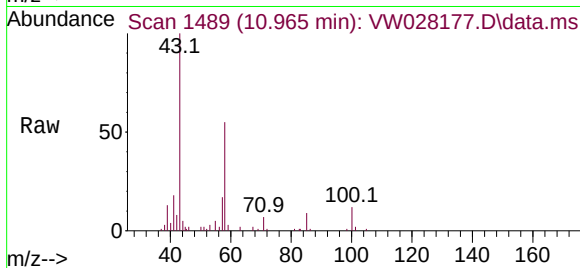
Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 12857

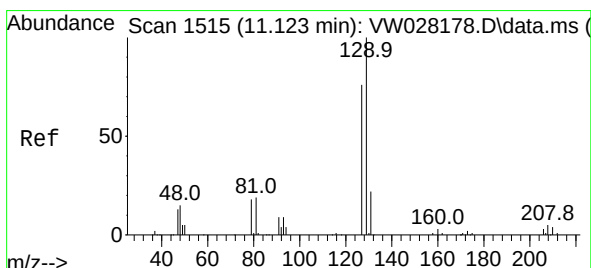
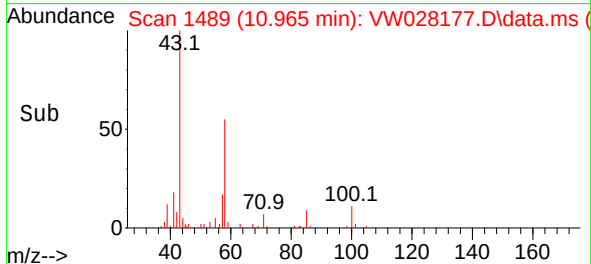
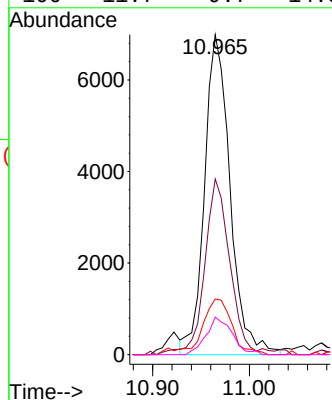
Ion Ratio Lower Upper

43 100

58 53.5 40.6 61.0

57 19.0 15.7 23.5

100 11.7 9.7 14.5



#49

Dibromochloromethane

Concen: 5.151 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028177.D

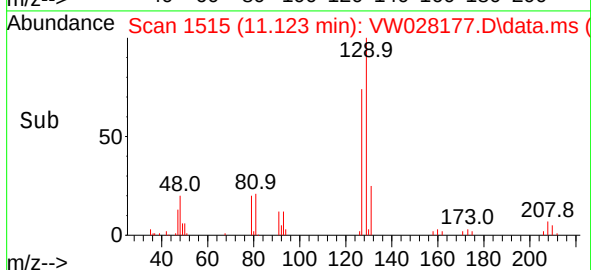
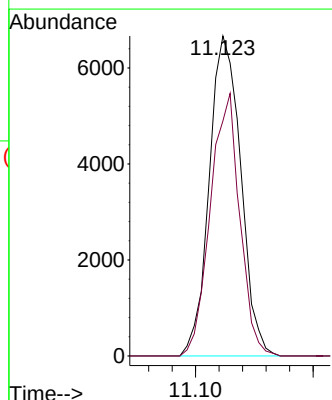
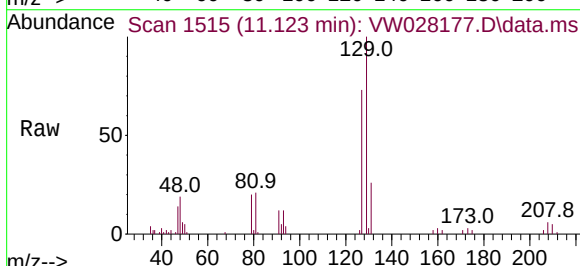
Acq: 14 Mar 2024 13:39

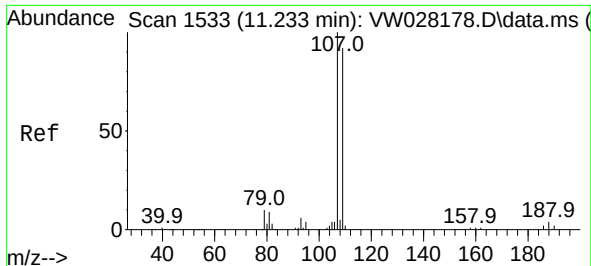
Tgt Ion:129 Resp: 12412

Ion Ratio Lower Upper

129 100

127 73.4 53.1 98.7





#50

1,2-Dibromoethane

Concen: 5.616 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028177.D

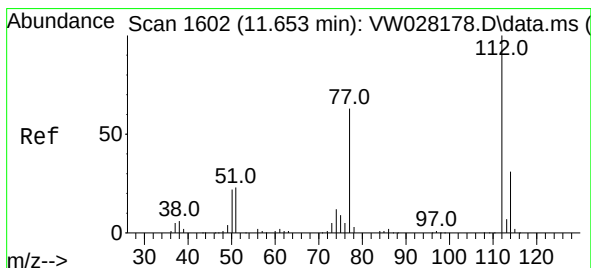
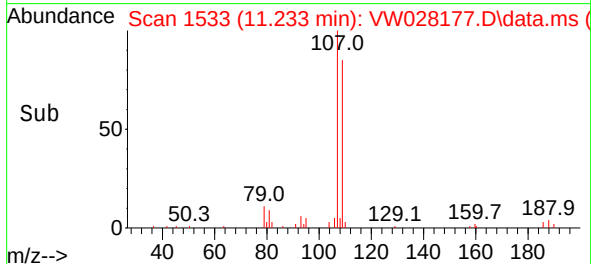
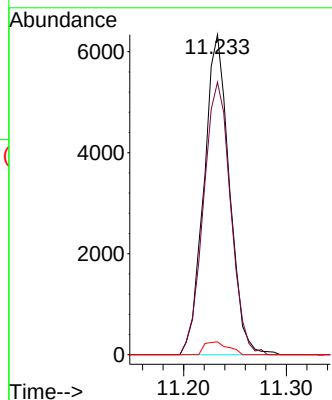
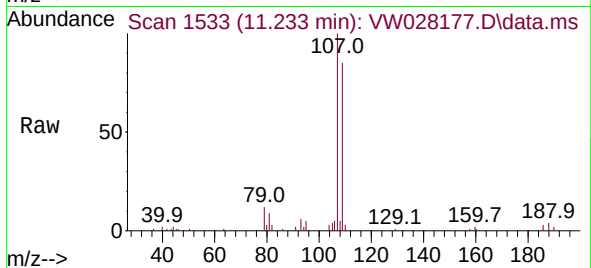
Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	10925
Ion Ratio	Lower	Upper
107	100	
109	85.1	64.4 119.6
188	4.0	3.4 5.2



#51

Chlorobenzene

Concen: 5.495 ug/L

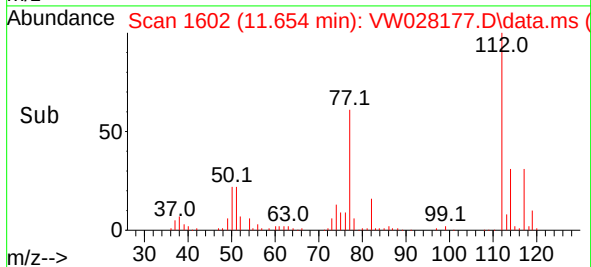
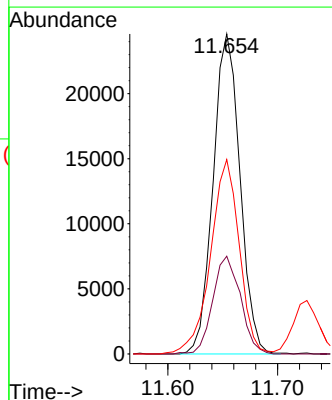
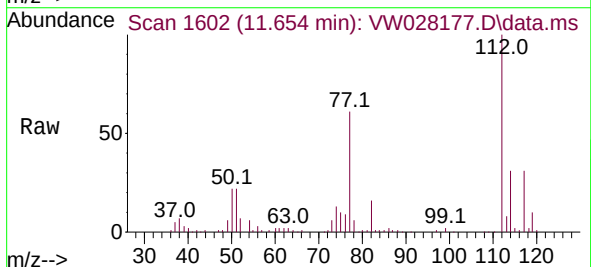
RT: 11.654 min Scan# 1602

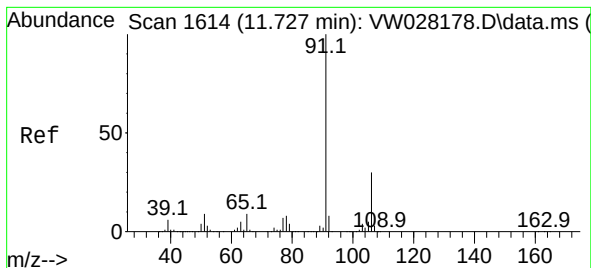
Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Tgt Ion:112	Resp:	41909
Ion Ratio	Lower	Upper
112	100	
114	30.6	21.8 40.6
77	60.8	50.6 76.0





#52

Ethylbenzene

Concen: 5.249 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

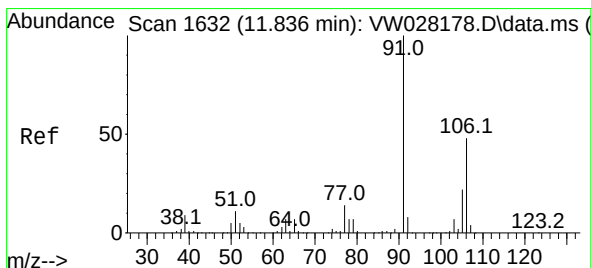
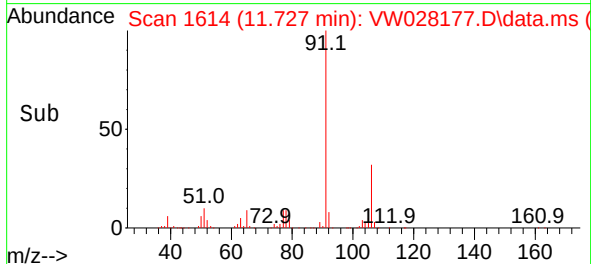
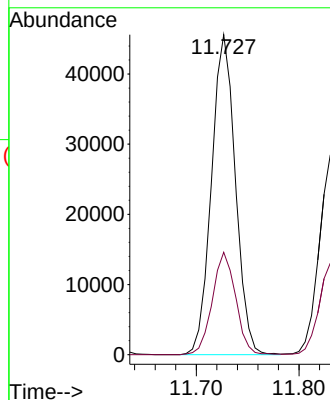
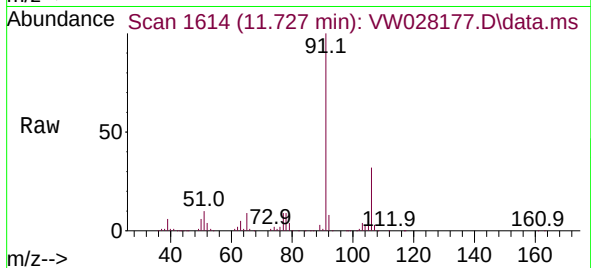
ClientSampleId :

Tgt Ion: 91 Resp: 73617

Ion Ratio Lower Upper

91 100

106 32.0 21.3 39.5



#53

m,p-Xylene

Concen: 5.323 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028177.D

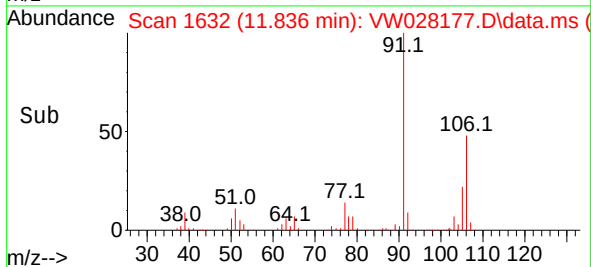
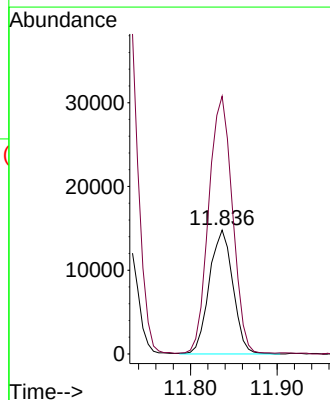
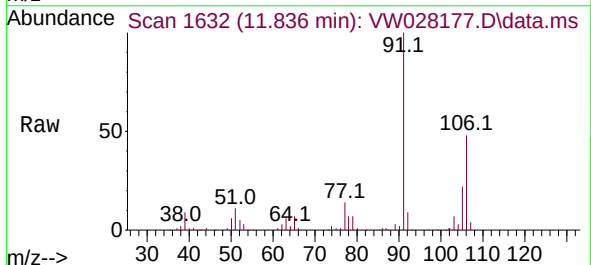
Acq: 14 Mar 2024 13:39

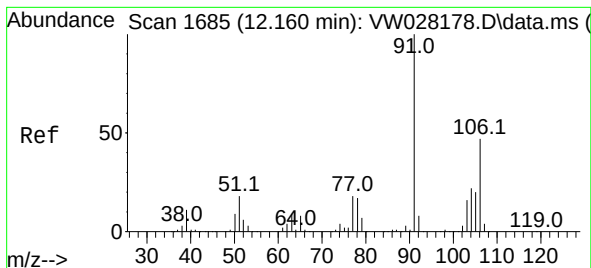
Tgt Ion:106 Resp: 28095

Ion Ratio Lower Upper

106 100

91 208.1 147.1 273.1





#54

o-Xylene

Concen: 5.176 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

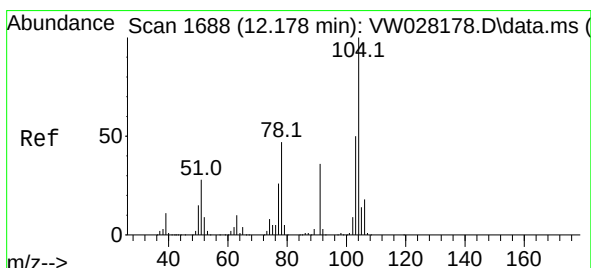
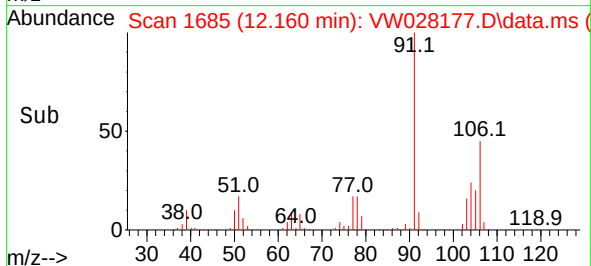
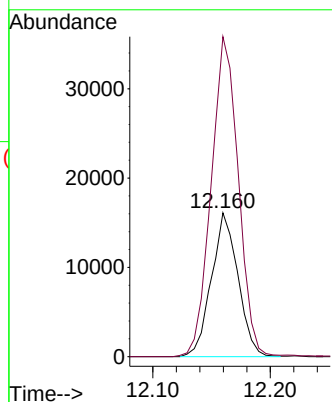
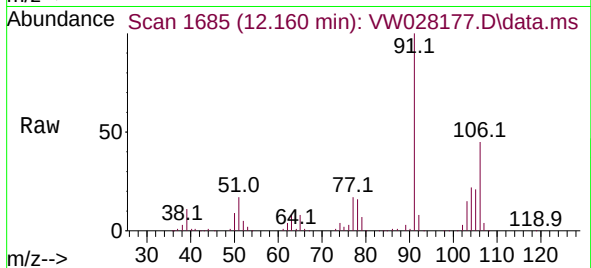
ClientSampleId :

Tgt Ion:106 Resp: 25335

Ion Ratio Lower Upper

106 100

91 222.4 149.2 277.2



#55

Styrene

Concen: 5.305 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028177.D

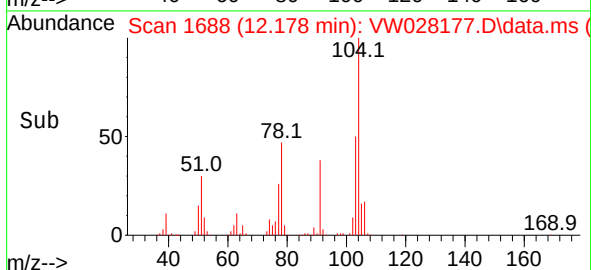
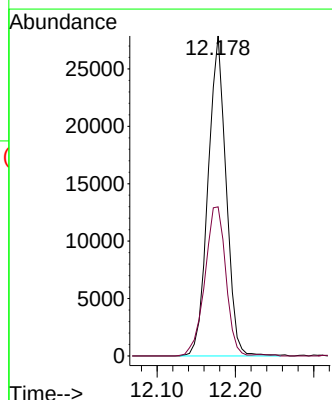
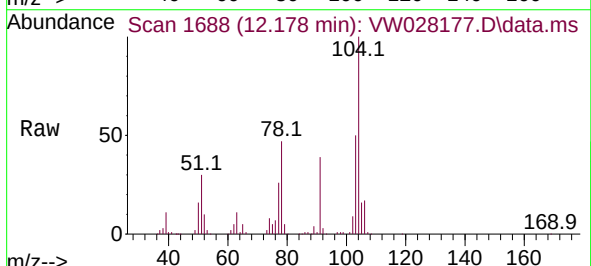
Acq: 14 Mar 2024 13:39

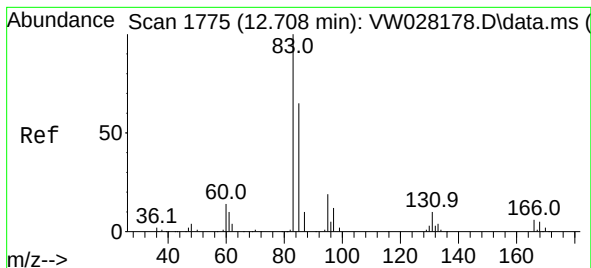
Tgt Ion:104 Resp: 44600

Ion Ratio Lower Upper

104 100

78 46.6 33.2 61.7

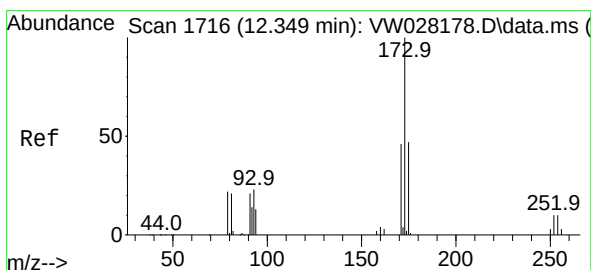
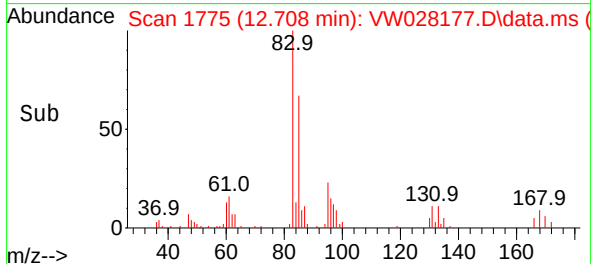
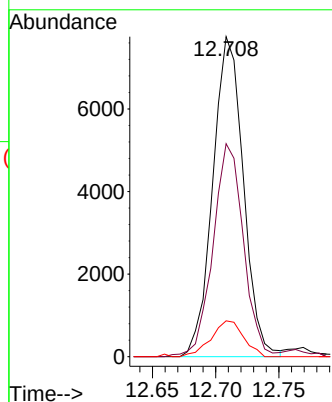
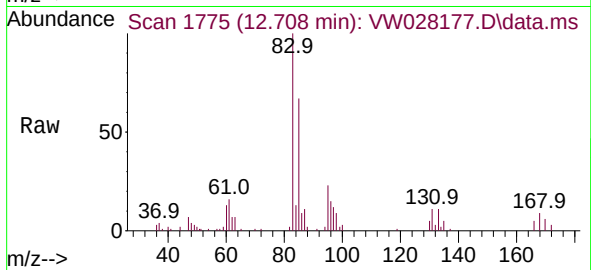




#57
1,1,2,2-Tetrachloroethane
Concen: 5.600 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

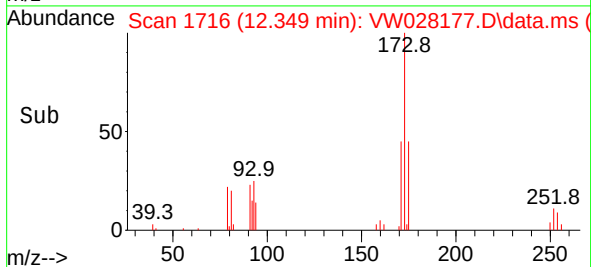
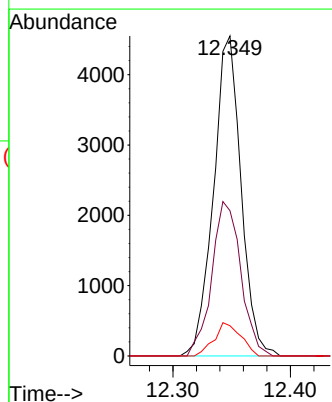
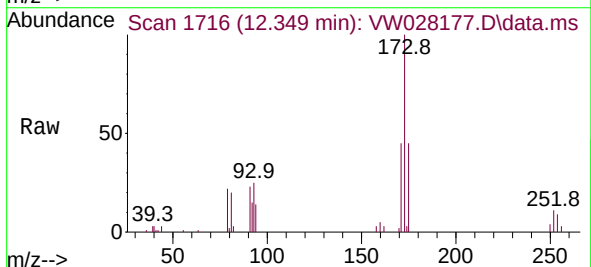
Instrument :
MSVOA_W
ClientSampleId :

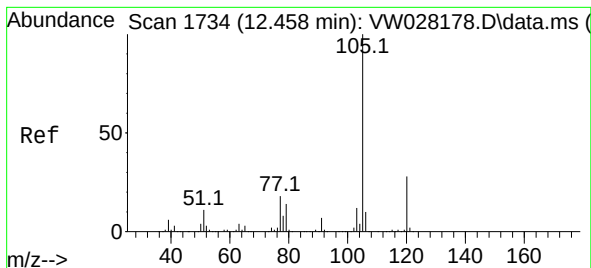
Tgt Ion: 83 Resp: 13032
Ion Ratio Lower Upper
83 100
85 66.5 47.0 87.2
131 11.2 8.9 13.3



#59
Bromoform
Concen: 5.310 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

Tgt Ion:173 Resp: 7408
Ion Ratio Lower Upper
173 100
175 50.8 39.8 59.6
254 10.0 8.5 12.7





#60

Isopropylbenzene

Concen: 5.222 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

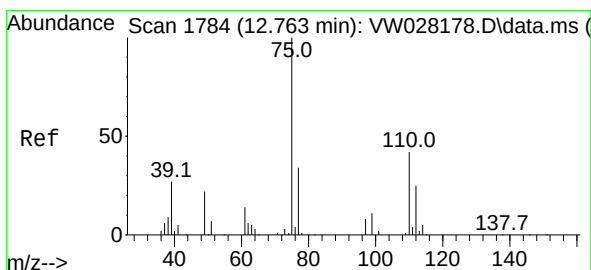
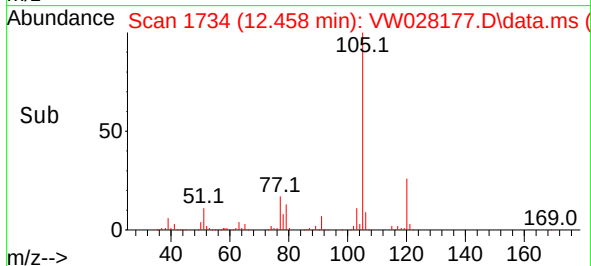
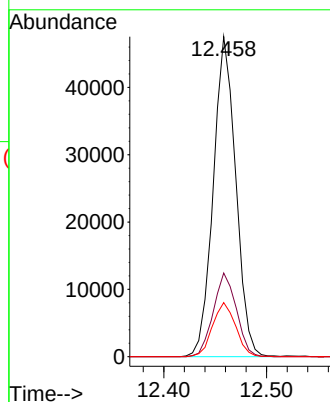
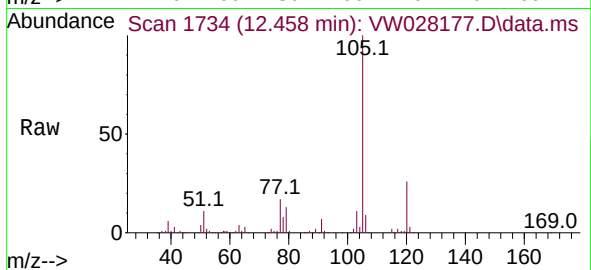
Tgt Ion:105 Resp: 72236

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 17.4 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 5.641 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

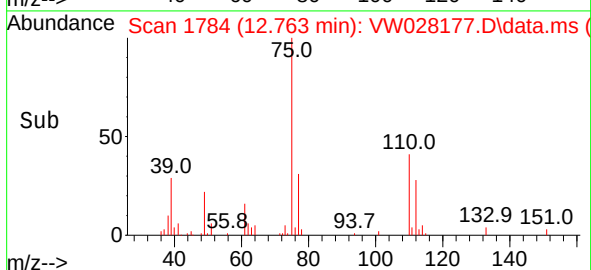
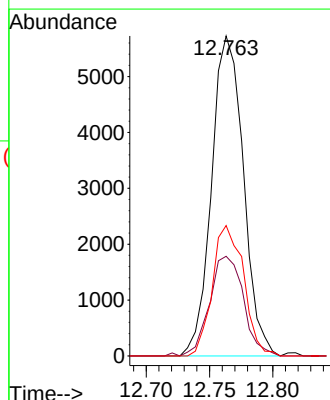
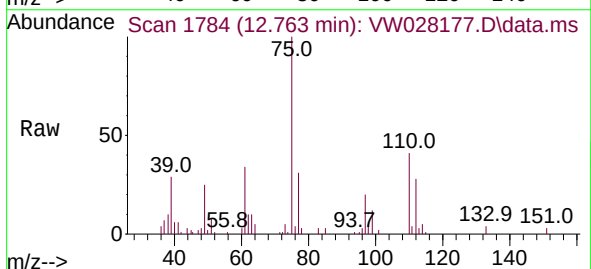
Tgt Ion: 75 Resp: 10024

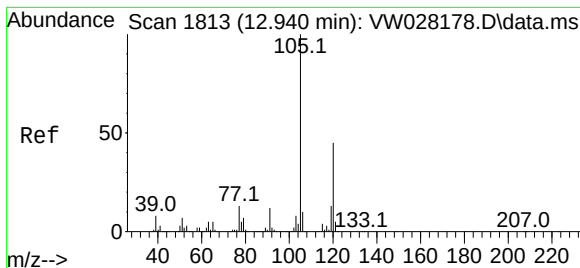
Ion Ratio Lower Upper

75 100

77 33.0 26.0 39.0

110 40.0 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 5.186 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

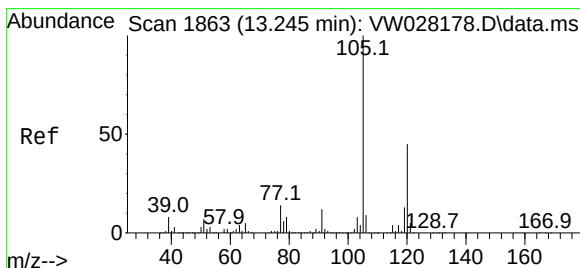
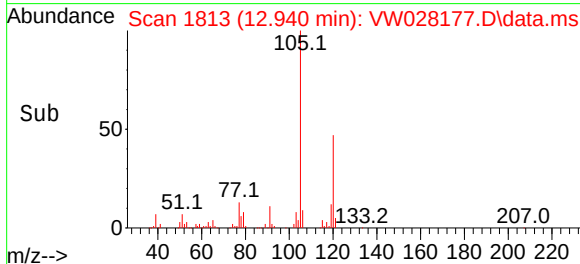
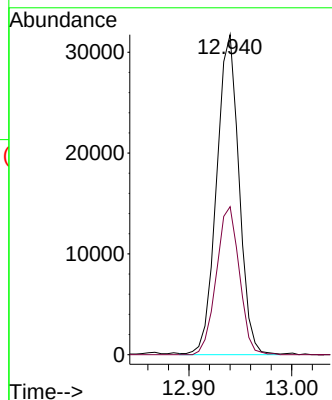
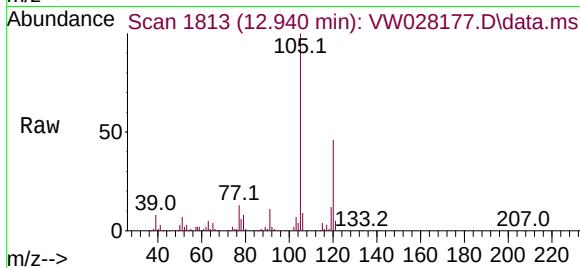
ClientSampleId :

Tgt Ion:105 Resp: 48134

Ion Ratio Lower Upper

105 100

120 47.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 5.287 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028177.D

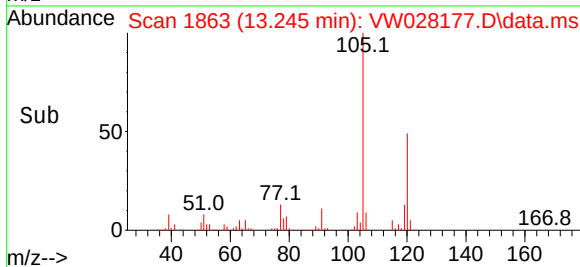
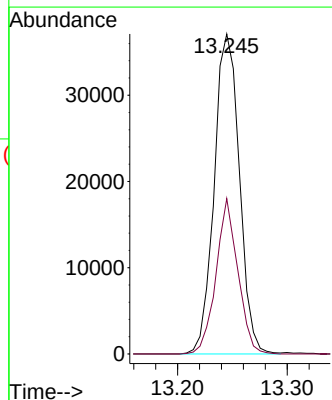
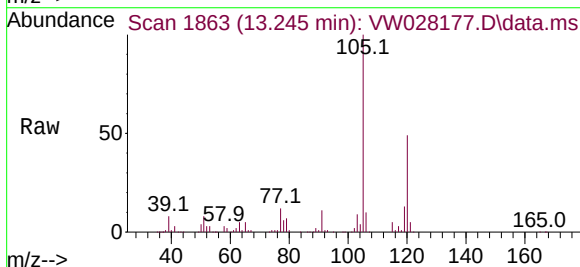
Acq: 14 Mar 2024 13:39

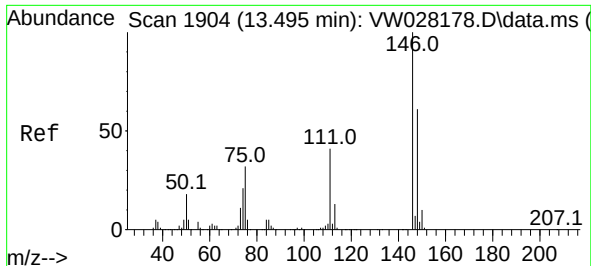
Tgt Ion:105 Resp: 59253

Ion Ratio Lower Upper

105 100

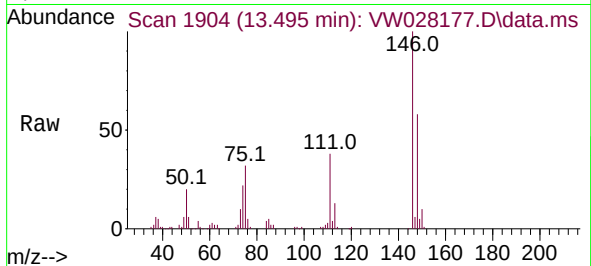
120 42.1 35.6 53.4



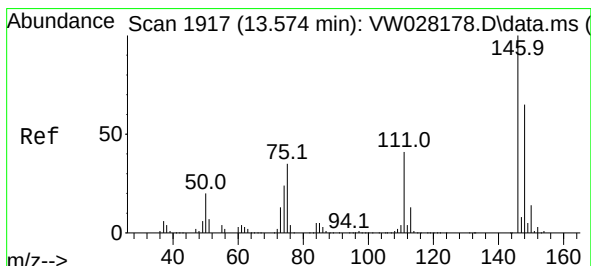
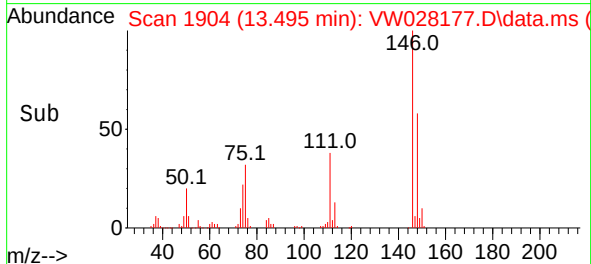
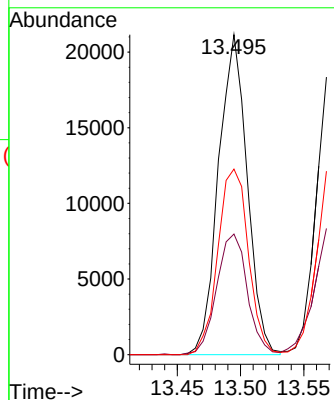


#64
1,3-Dichlorobenzene
Concen: 5.404 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

Instrument :
MSVOA_W
ClientSampleId :

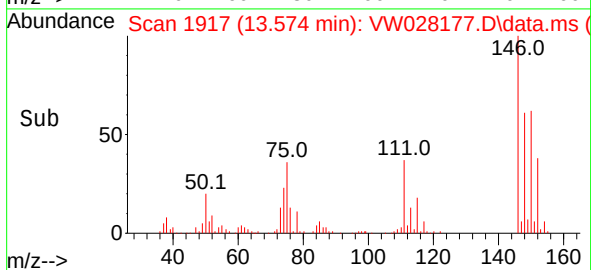
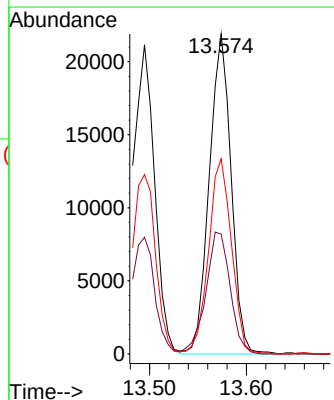
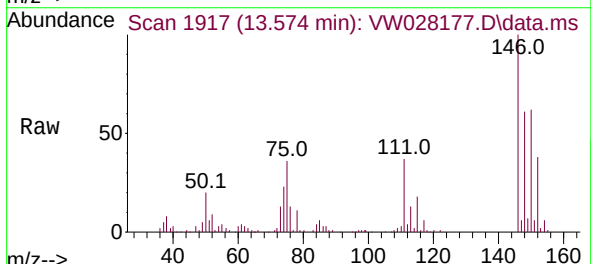


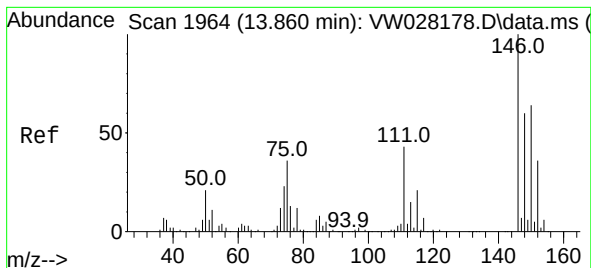
Tgt Ion:146 Resp: 33348
Ion Ratio Lower Upper
146 100
111 37.7 28.5 52.9
148 58.0 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 5.584 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028177.D
Acq: 14 Mar 2024 13:39

Tgt Ion:146 Resp: 34462
Ion Ratio Lower Upper
146 100
111 37.5 28.8 53.6
148 61.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.353 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

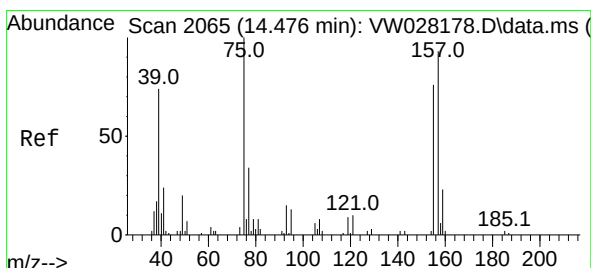
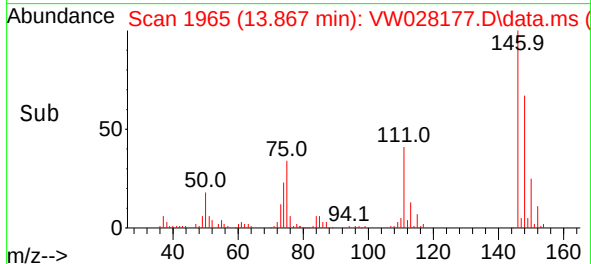
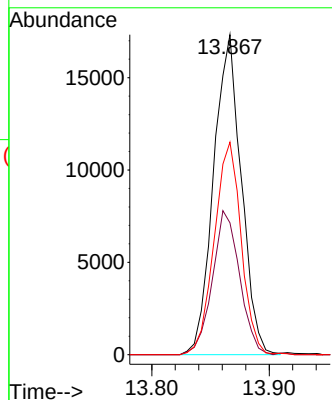
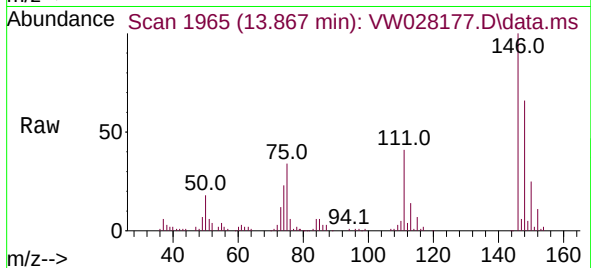
Tgt Ion:146 Resp: 28450

Ion Ratio Lower Upper

146 100

111 41.2 34.2 51.2

148 66.4 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.726 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

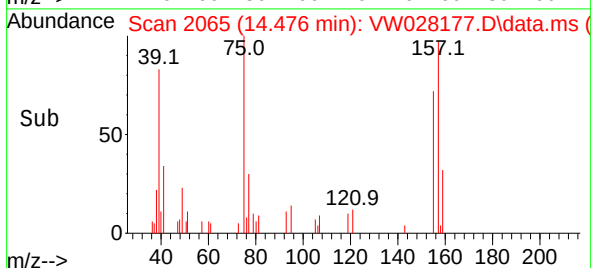
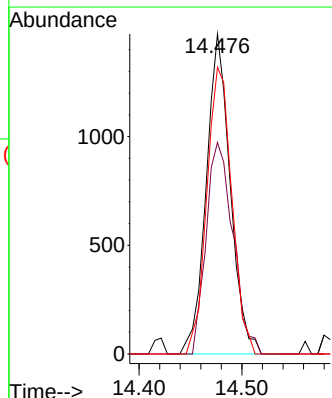
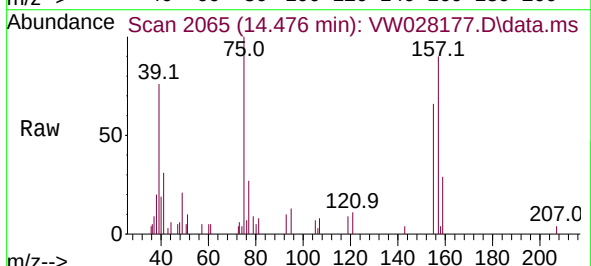
Tgt Ion: 75 Resp: 2390

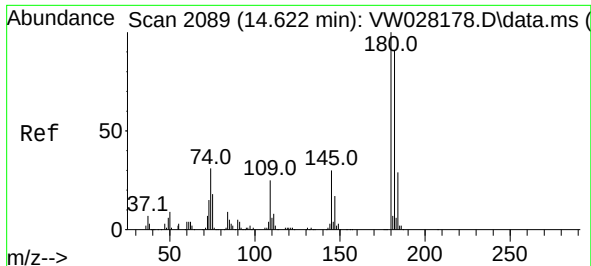
Ion Ratio Lower Upper

75 100

155 66.1 61.1 91.7

157 89.6 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 5.382 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 23138

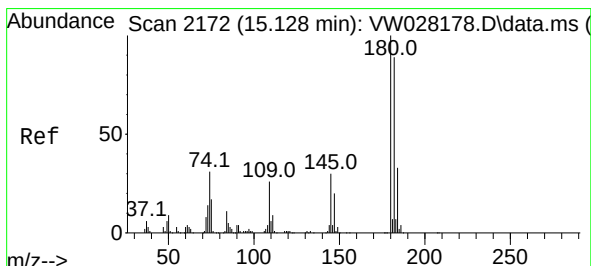
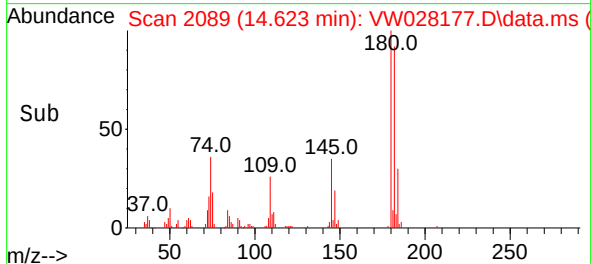
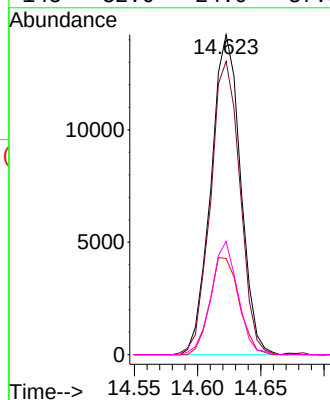
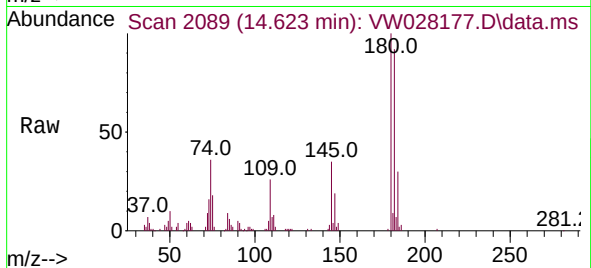
Ion Ratio Lower Upper

180 100

182 91.2 76.6 114.8

184 29.9 23.5 35.3

145 32.0 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 5.512 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

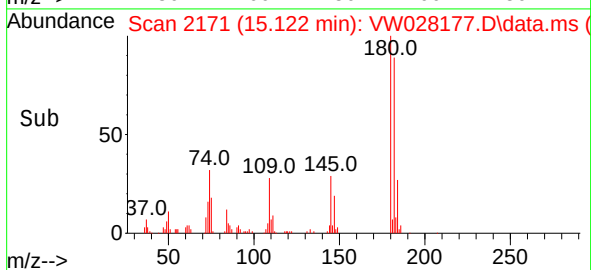
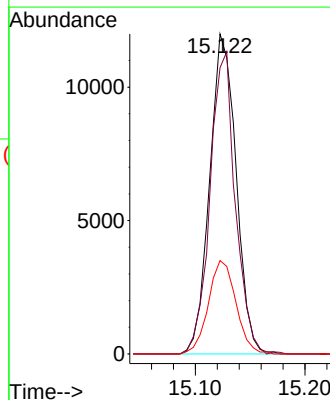
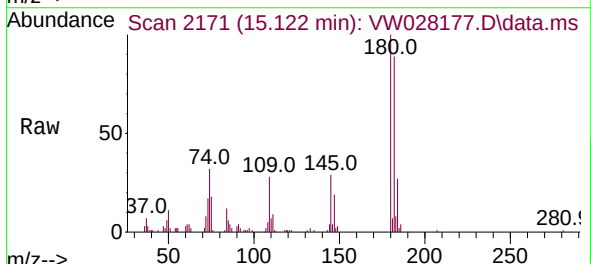
Tgt Ion:180 Resp: 20130

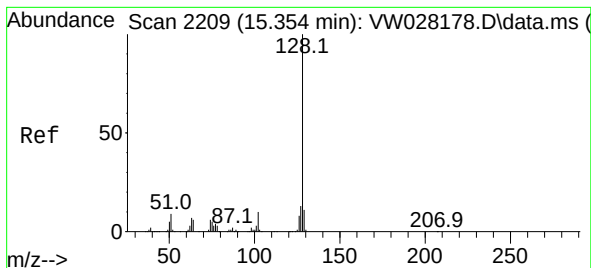
Ion Ratio Lower Upper

180 100

182 89.9 73.8 110.8

145 30.4 25.0 37.6





#71

Naphthalene

Concen: 5.393 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Instrument :

MSVOA_W

ClientSampleId :

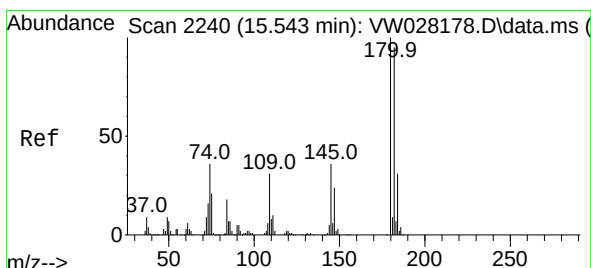
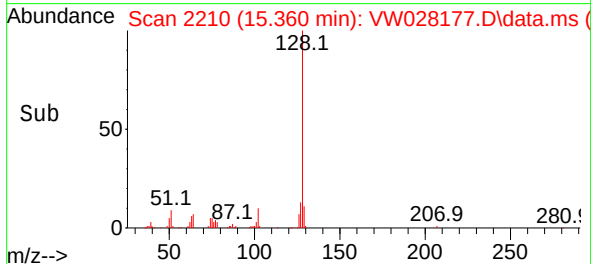
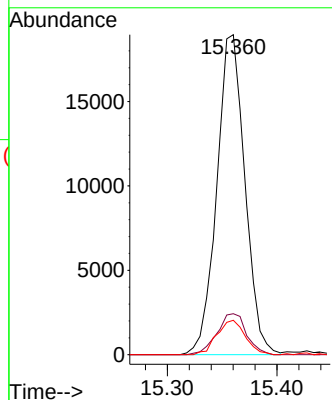
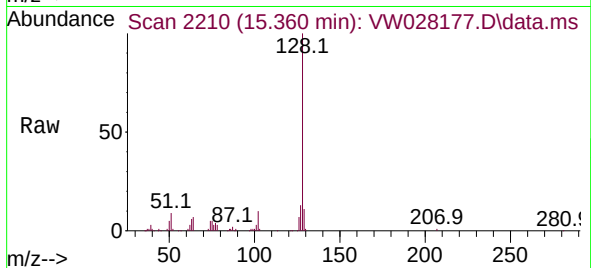
Tgt Ion:128 Resp: 33803

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 5.640 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028177.D

Acq: 14 Mar 2024 13:39

Tgt Ion:180 Resp: 16981

Ion Ratio Lower Upper

180 100

182 97.8 76.0 114.0

145 35.8 27.1 40.7

