

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
 Data File : VW030280.D
 Acq On : 27 Sep 2024 15:13
 Operator : SY/MD
 Sample : VSTD00504
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 28 01:45:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 28 01:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	198271	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	177556	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	89780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	8135	5.251	ug/L	0.00
7) Chloroethane-d5	2.905	69	4659	4.133	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	5598	4.950	ug/L	0.00
21) 2-Butanone-d5	7.093	46	5432	8.718	ug/L	0.02
24) Chloroform-d	7.654	84	25420	4.772	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	13251	4.766	ug/L	0.00
32) Benzene-d6	8.276	84	48529	4.877	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	14330	4.788	ug/L	0.00
41) Toluene-d8	10.325	98	43679	4.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5885	4.727	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	4276	8.652	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	11021	4.928	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	14136	4.742	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	9529	4.397	ug/L	99
3) Chloromethane	2.222	50	9292	5.473	ug/L	95
5) Vinyl chloride	2.381	62	9696	5.372	ug/L	98
6) Bromomethane	2.783	94	6297	5.242	ug/L	87
8) Chloroethane	2.930	64	4836	4.849	ug/L	100
9) Trichlorofluoromethane	3.277	101	11287	4.855	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9513	4.015	ug/L #	75
12) 1,1-Dichloroethene	4.051	96	11482	4.985	ug/L	95
13) Acetone	4.124	43	6130	9.151	ug/L	78
14) Carbon disulfide	4.393	76	40272	5.257	ug/L #	95
15) Methyl Acetate	4.673	43	5371	4.982	ug/L #	54
16) Methylene chloride	4.917	84	9235	3.026	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	13670	5.112	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	21281	5.004	ug/L	99
19) 1,1-Dichloroethane	6.228	63	25720	5.051	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	14836	5.022	ug/L	94
22) 2-Butanone	7.173	43	7974	9.277	ug/L	94
23) Bromochloromethane	7.520	128	6475	5.020	ug/L	92
25) Chloroform	7.685	83	26823	5.079	ug/L	100
27) 1,2-Dichloroethane	8.398	62	17579	5.019	ug/L	98
29) Cyclohexane	7.959	56	20690	5.286	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	21593	5.250	ug/L	99
31) Carbon tetrachloride	8.069	117	19237	5.233	ug/L	95
33) Benzene	8.325	78	57803	5.345	ug/L	100
34) Trichloroethene	9.093	95	15005	5.216	ug/L	95
35) Methylcyclohexane	9.337	83	24051	5.448	ug/L	99
37) 1,2-Dichloropropane	9.367	63	15283	5.356	ug/L	99
38) Bromodichloromethane	9.648	83	18421	5.142	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	20978	4.795	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	14775	10.067	ug/L	98
42) Toluene	10.386	91	60297	5.208	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	17658	4.871	ug/L	98

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

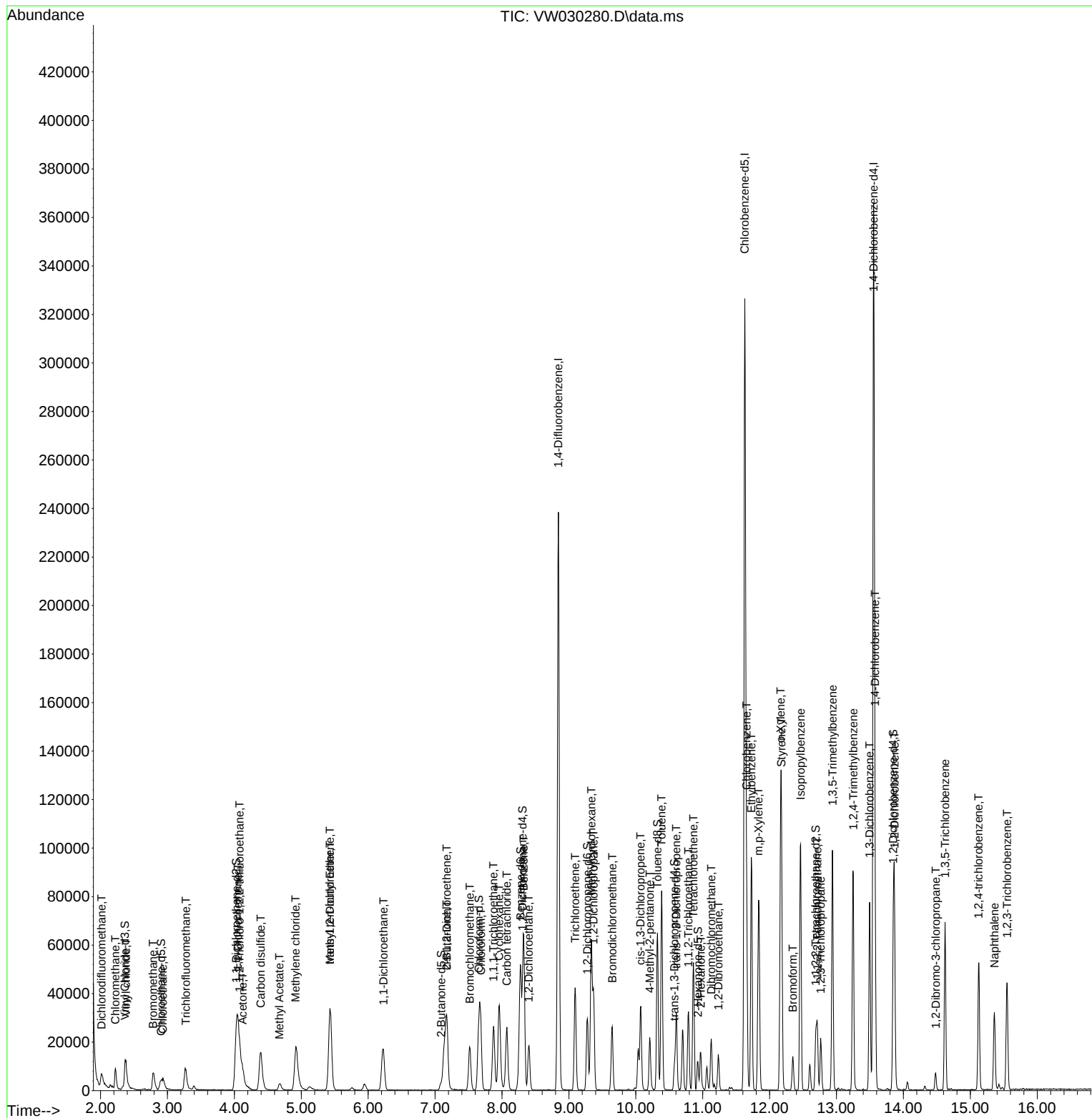
45) 1,1,2-Trichloroethane	10.788	97	10406	5.175	ug/L	99
46) Tetrachloroethene	10.861	164	11607	5.395	ug/L	94
48) 2-Hexanone	10.971	43	10737	9.935	ug/L	95
49) Dibromochloromethane	11.129	129	11274	4.982	ug/L	89
50) 1,2-Dibromoethane	11.233	107	9884	5.195	ug/L	84
51) Chlorobenzene	11.654	112	39726	5.310	ug/L	97
52) Ethylbenzene	11.727	91	67402	5.139	ug/L	99
53) m,p-Xylene	11.836	106	25593	5.227	ug/L	91
54) o-Xylene	12.166	106	23911	5.131	ug/L	92
55) Styrene	12.178	104	39508	4.970	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	12801	5.436	ug/L #	98
59) Bromoform	12.349	173	6406	4.925	ug/L #	98
60) Isopropylbenzene	12.464	105	65611	5.149	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	9010	5.279	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	50915	4.940	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	50557	4.964	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	29535	5.186	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	30662	5.271	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	26529	5.225	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.482	75	2070	5.293	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	20517	5.220	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	16215	4.983	ug/L	98
71) Naphthalene	15.360	128	28634	4.810	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	14728	5.170	ug/L	97

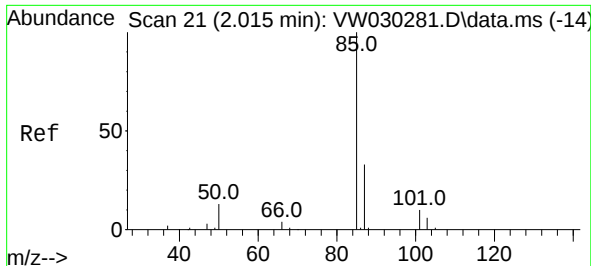
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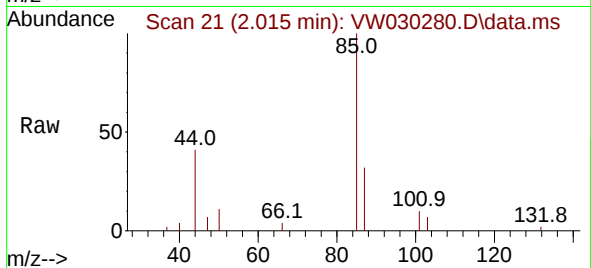
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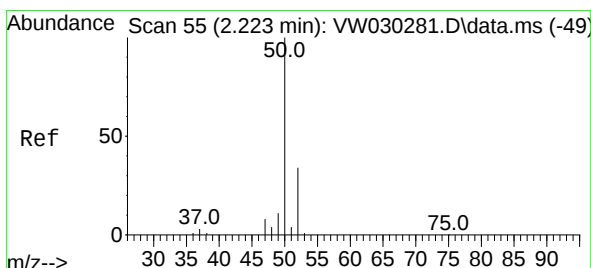
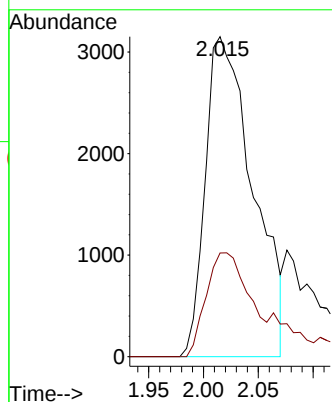
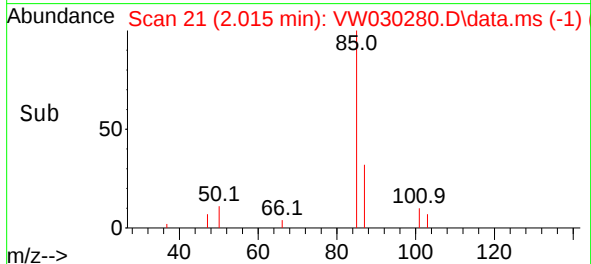


#2
 Dichlorodifluoromethane
 Concen: 4.397 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

Instrument :
 MSVOA_W
 ClientSampleId :

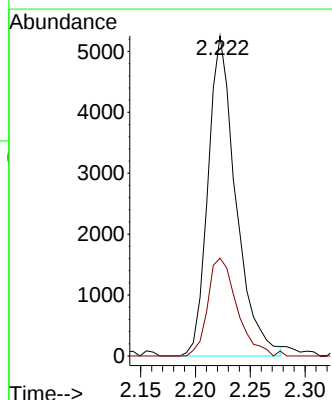
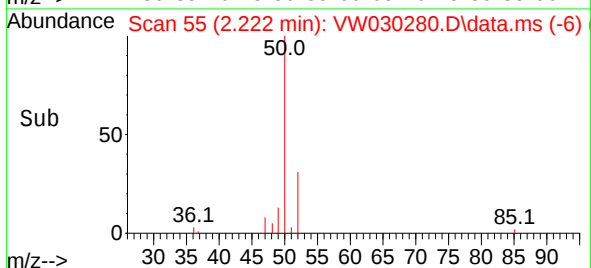
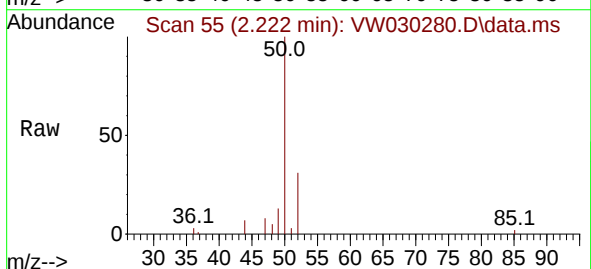


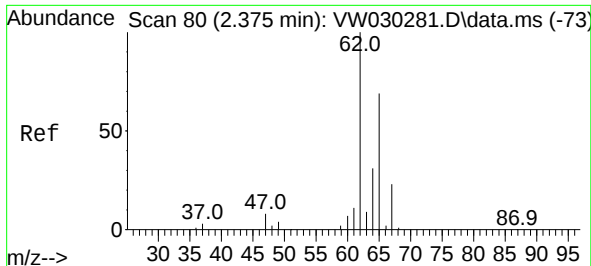
Tgt Ion: 85 Resp: 9529
 Ion Ratio Lower Upper
 85 100
 87 29.6 24.0 36.0



#3
 Chloromethane
 Concen: 5.473 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

Tgt Ion: 50 Resp: 9292
 Ion Ratio Lower Upper
 50 100
 52 30.6 23.5 43.7

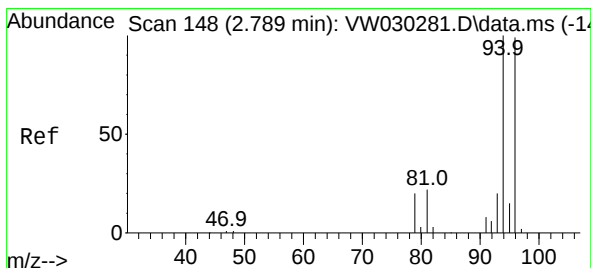
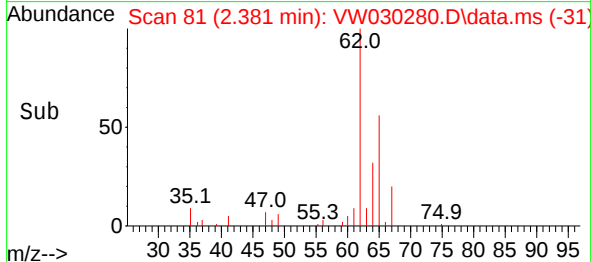
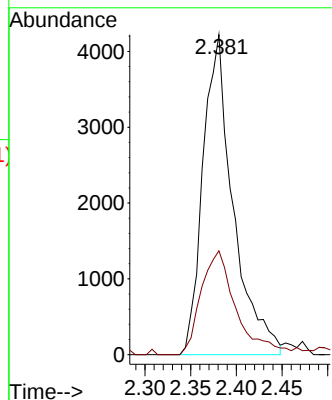
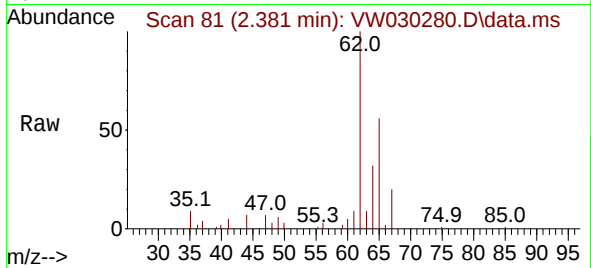




#5
 Vinyl chloride
 Concen: 5.372 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

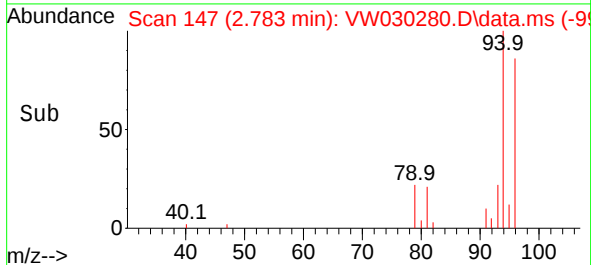
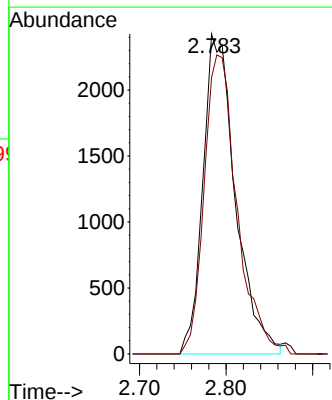
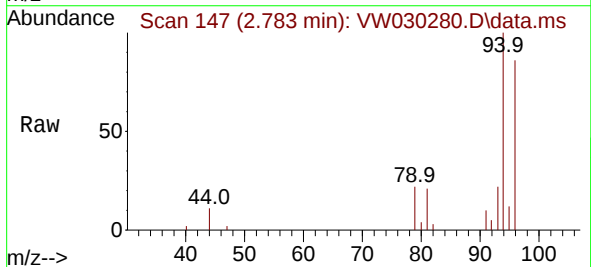
Instrument :
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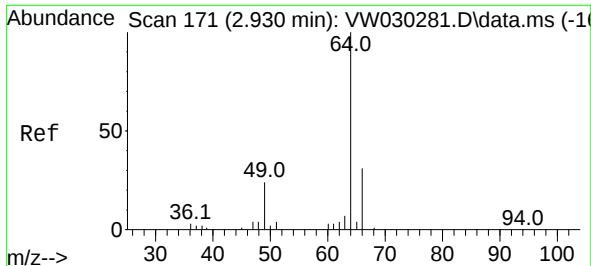
Tgt Ion: 62 Resp: 9696
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.1 41.1



#6
 Bromomethane
 Concen: 5.242 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

Tgt Ion: 94 Resp: 6297
 Ion Ratio Lower Upper
 94 100
 96 86.4 69.7 129.4

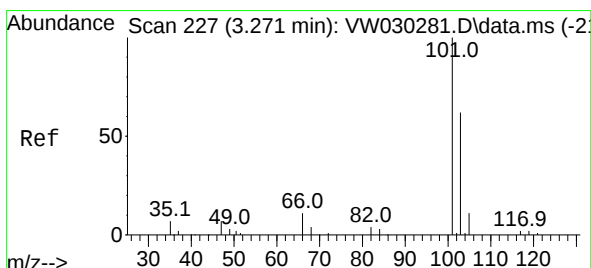
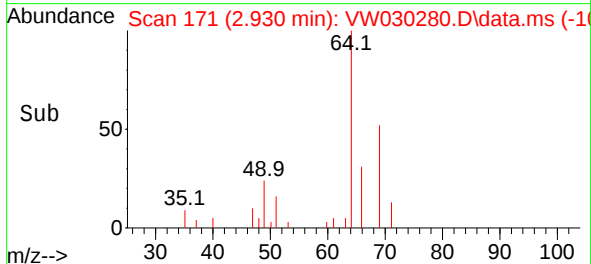
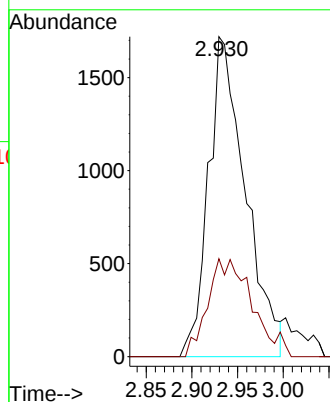
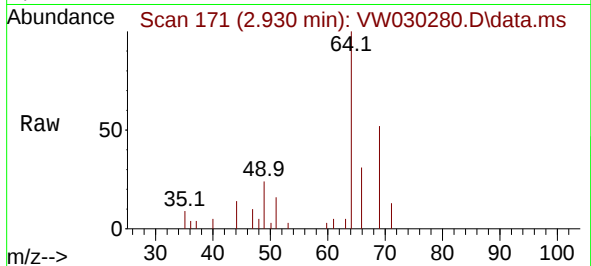




#8
Chloroethane
Concen: 4.849 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

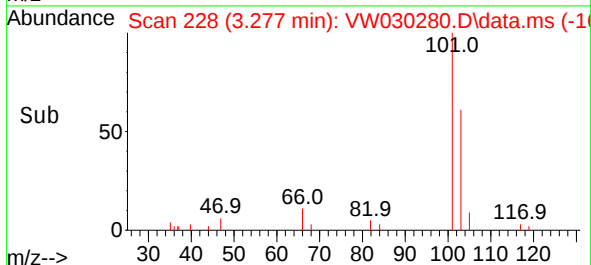
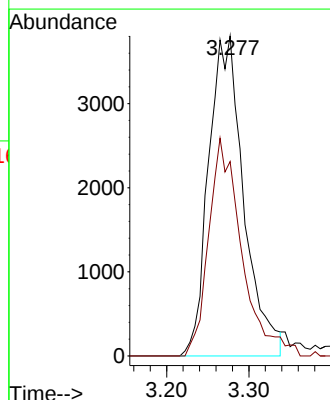
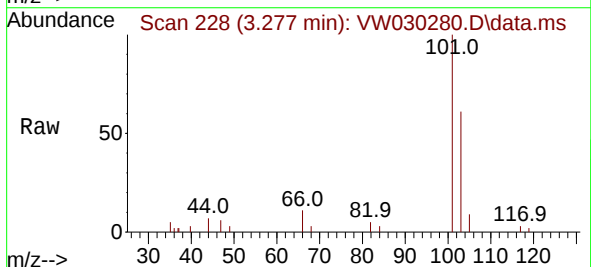
Instrument :
MSVOA_W
ClientSampleId :

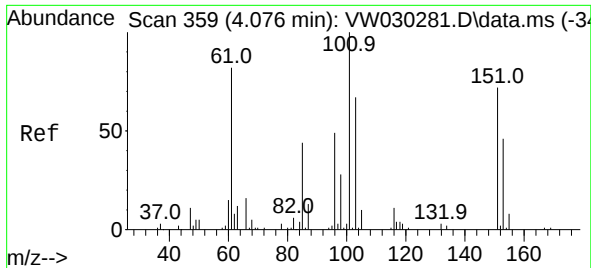
Tgt Ion: 64 Resp: 4836
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.855 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Tgt Ion: 101 Resp: 11287
Ion Ratio Lower Upper
101 100
103 61.3 50.2 75.4





#10

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

Concen: 4.015 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :

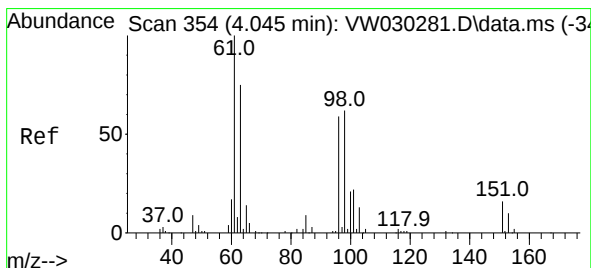
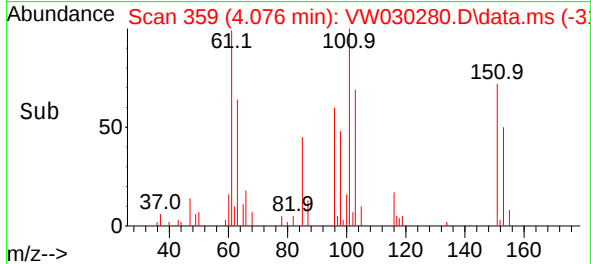
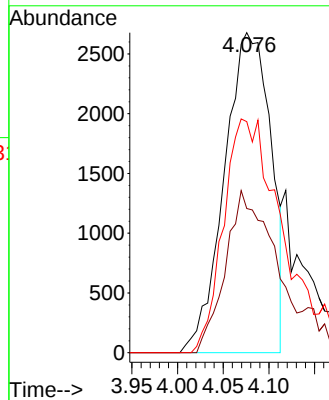
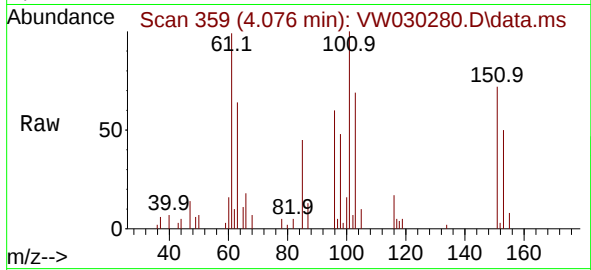
Tgt Ion:101 Resp: 9513

Ion Ratio Lower Upper

101 100

85 52.4 30.5 45.7#

151 46.2 52.9 79.3#



#12

1,1-Dichloroethene

Concen: 4.985 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

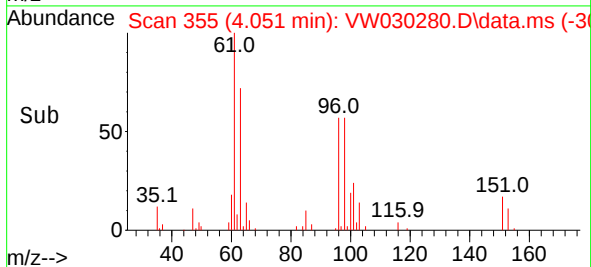
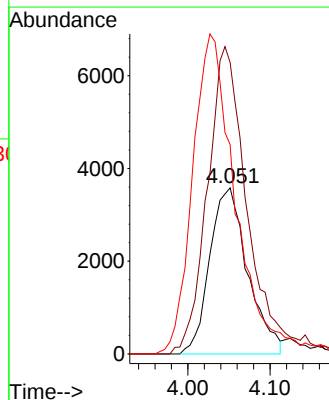
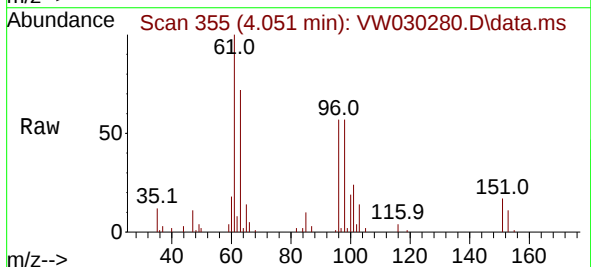
Tgt Ion: 96 Resp: 11482

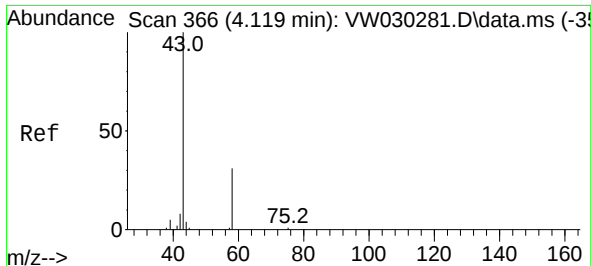
Ion Ratio Lower Upper

96 100

61 175.5 120.1 223.1

63 126.1 94.8 176.2





#13

Acetone

Concen: 9.151 ug/L

RT: 4.124 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW030280.D

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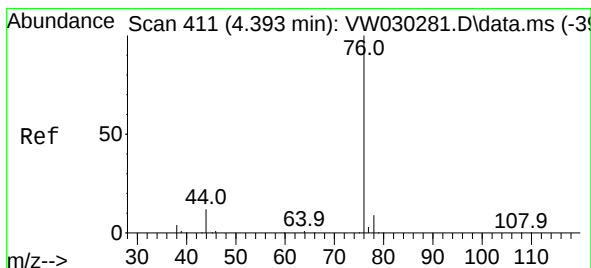
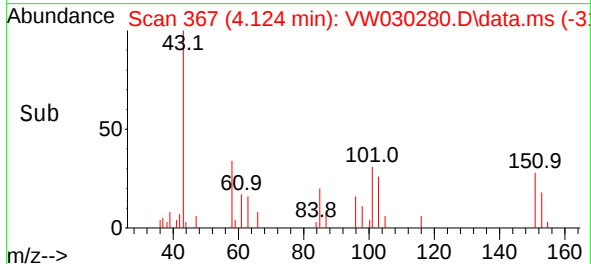
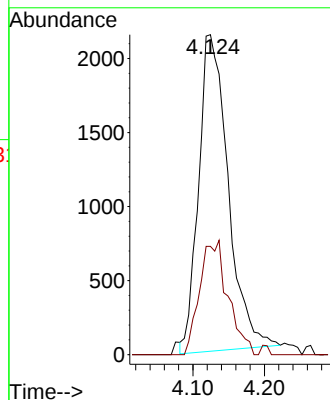
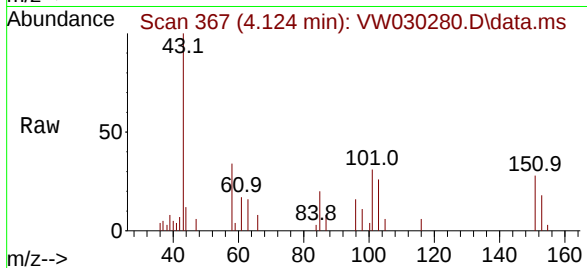
ClientSampleId :

Tgt Ion: 43 Resp: 6130

Ion Ratio Lower Upper

43 100

58 20.0 0.0 64.0



#14

Carbon disulfide

Concen: 5.257 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW030280.D

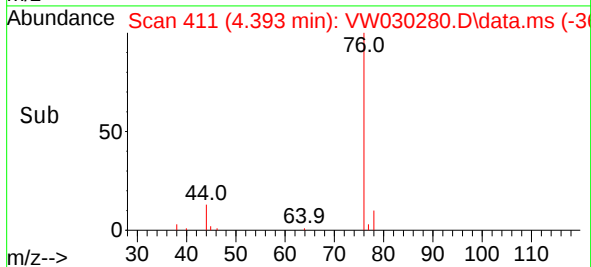
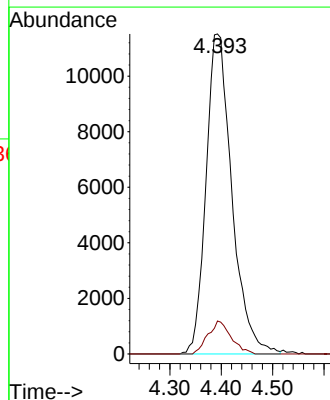
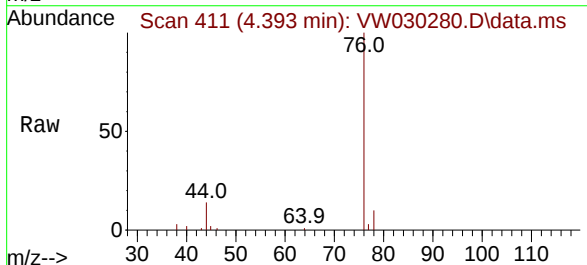
Acq: 27 Sep 2024 15:13

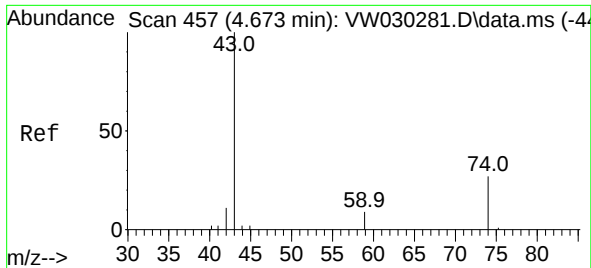
Tgt Ion: 76 Resp: 40272

Ion Ratio Lower Upper

76 100

78 10.3 6.8 10.2#

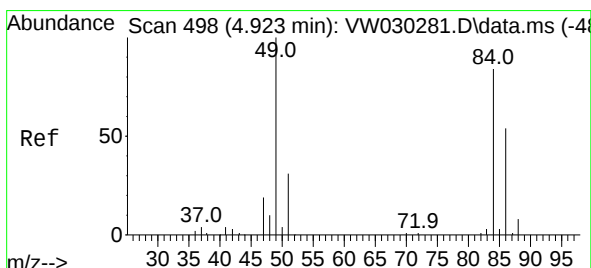
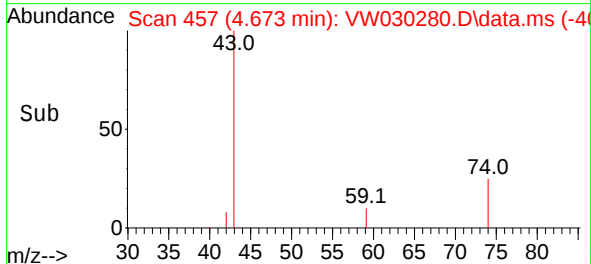
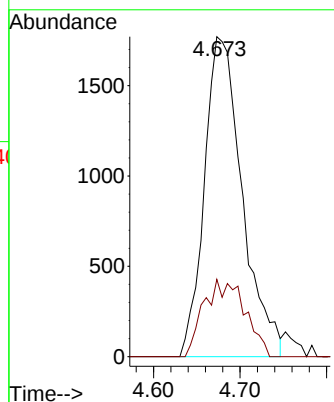
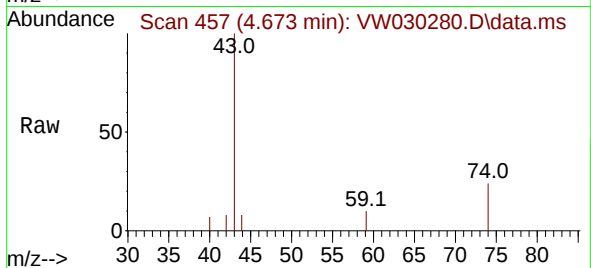




#15
Methyl Acetate
Concen: 4.982 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

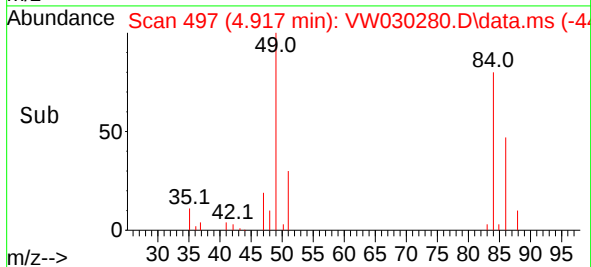
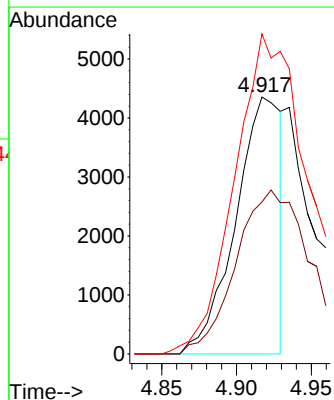
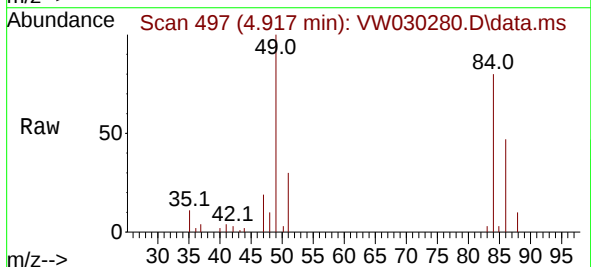
Instrument :
MSVOA_W
ClientSampleId :

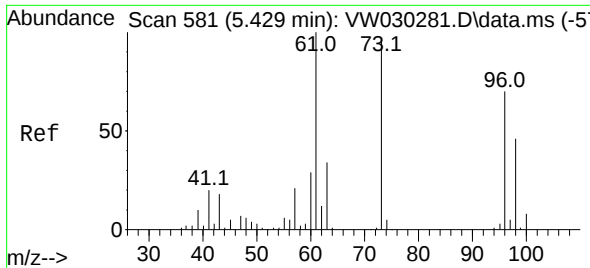
Tgt Ion: 43 Resp: 5371
Ion Ratio Lower Upper
43 100
74 1.6 19.8 29.6#



#16
Methylene chloride
Concen: 3.026 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Tgt Ion: 84 Resp: 9235
Ion Ratio Lower Upper
84 100
86 59.1 44.8 83.2
49 124.5 83.6 155.2





#17

trans-1,2-Dichloroethene

Concen: 5.112 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :

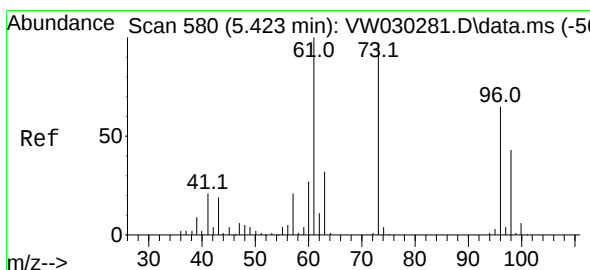
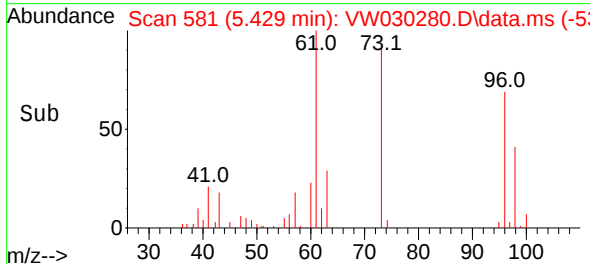
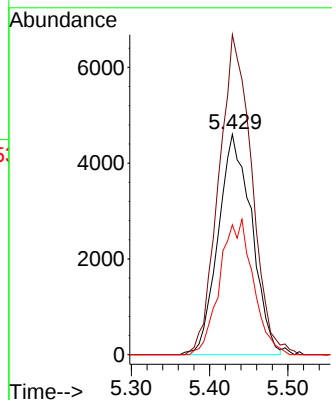
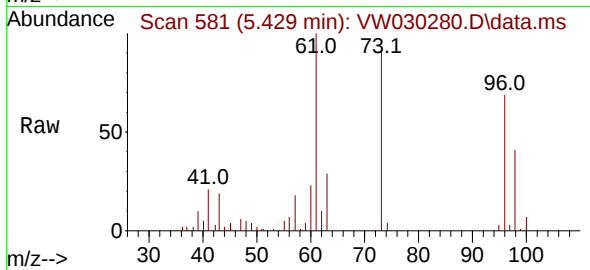
Tgt Ion: 96 Resp: 13670

Ion Ratio Lower Upper

96 100

61 145.2 100.3 186.3

98 59.0 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 5.004 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

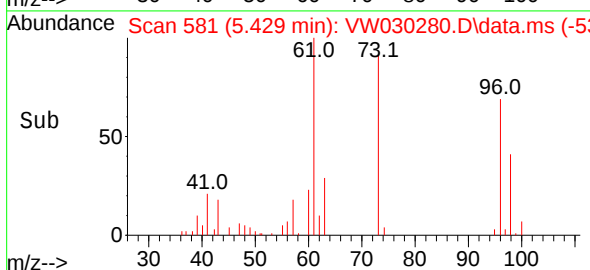
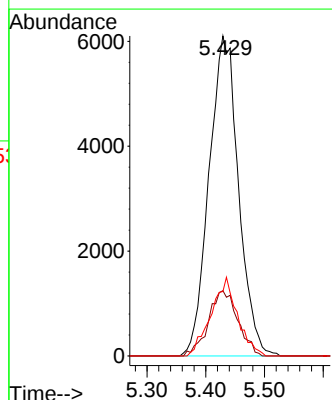
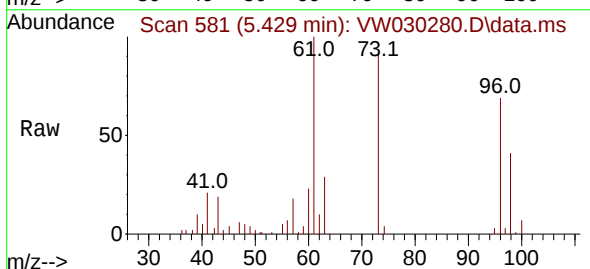
Tgt Ion: 73 Resp: 21281

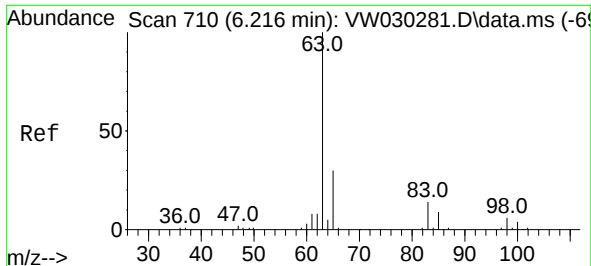
Ion Ratio Lower Upper

73 100

43 20.4 15.9 23.9

57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 5.051 ug/L

RT: 6.228 min Scan# 710

Delta R.T. 0.012 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :

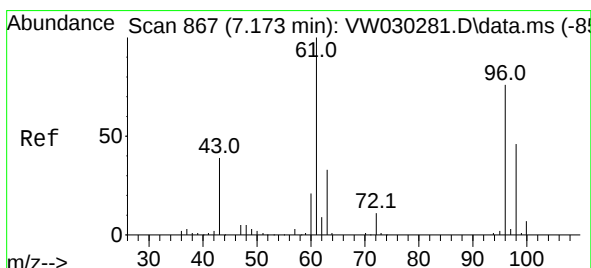
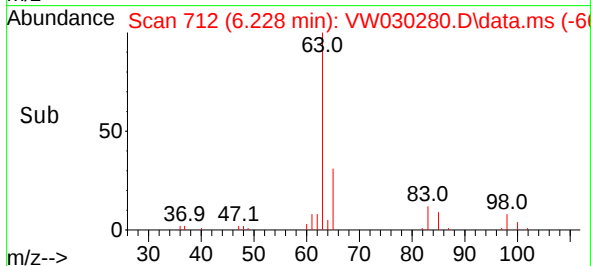
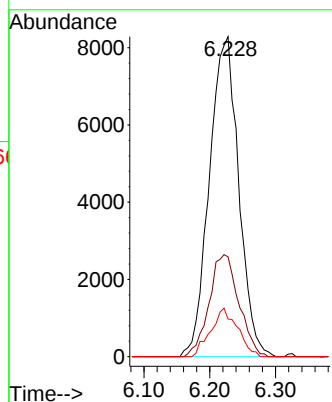
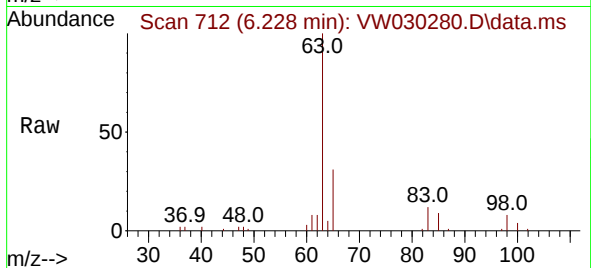
Tgt Ion: 63 Resp: 25720

Ion Ratio Lower Upper

63 100

65 31.2 20.7 38.5

83 11.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 5.022 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

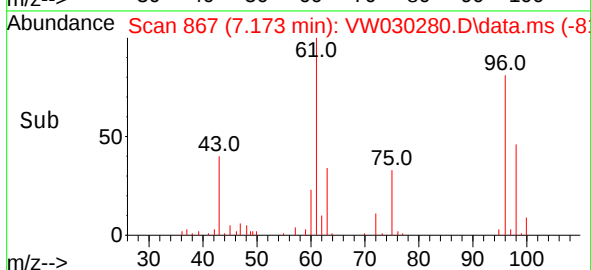
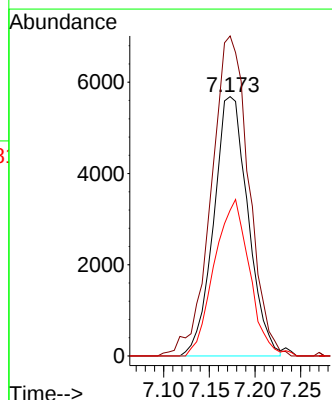
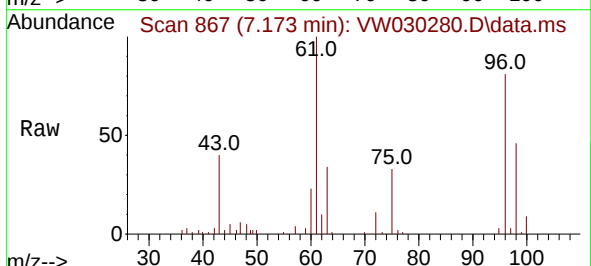
Tgt Ion: 96 Resp: 14836

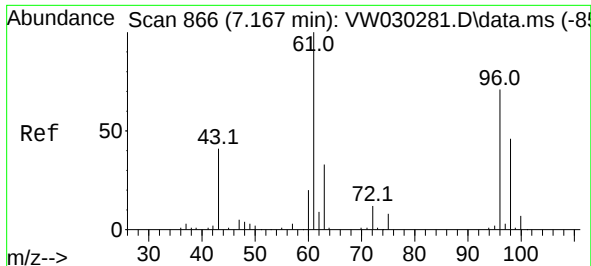
Ion Ratio Lower Upper

96 100

61 123.4 92.0 170.9

98 56.2 41.9 77.9





#22

2-Butanone

Concen: 9.277 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

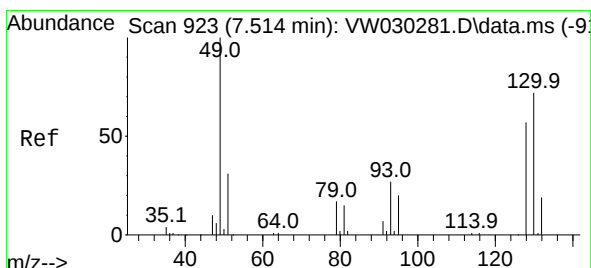
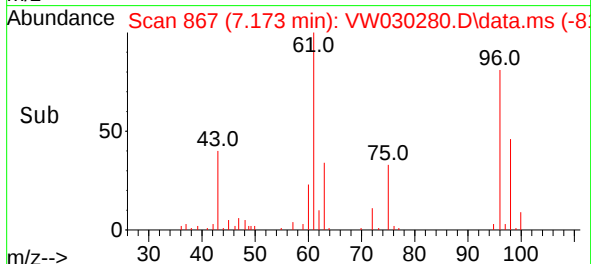
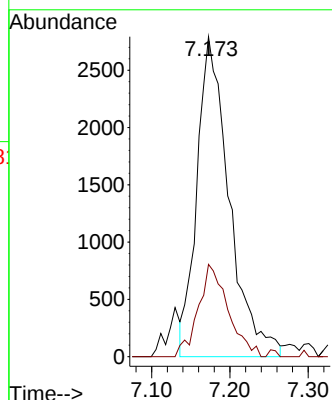
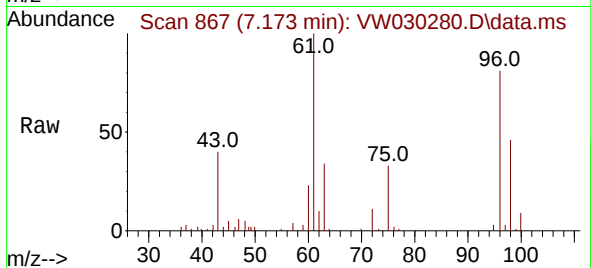
ClientSampleId :

Tgt Ion: 43 Resp: 7974

Ion Ratio Lower Upper

43 100

72 25.1 14.1 42.3



#23

Bromochloromethane

Concen: 5.020 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Tgt Ion: 128 Resp: 6475

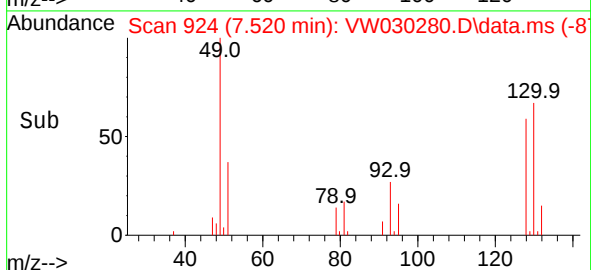
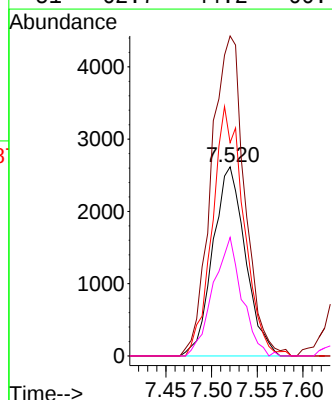
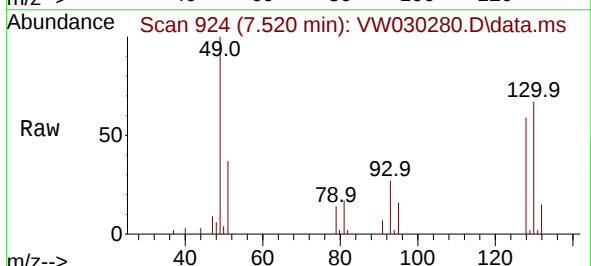
Ion Ratio Lower Upper

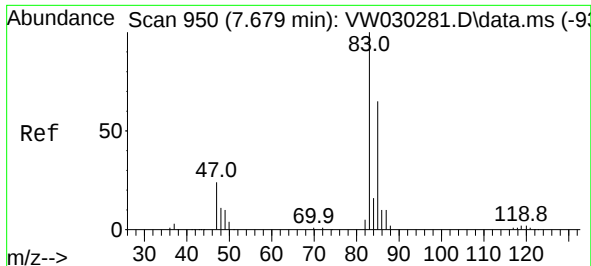
128 100

49 169.3 123.1 228.5

130 112.8 89.2 165.6

51 62.7 44.2 66.4





#25

Chloroform

Concen: 5.079 ug/L

RT: 7.685 min Scan# 951

Delta R.T. 0.006 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

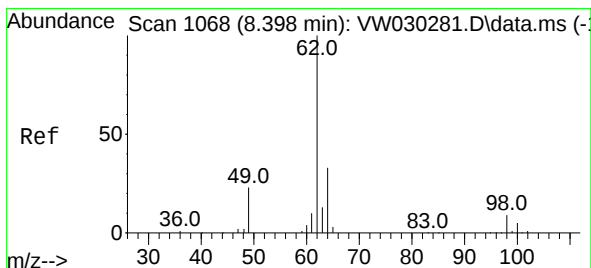
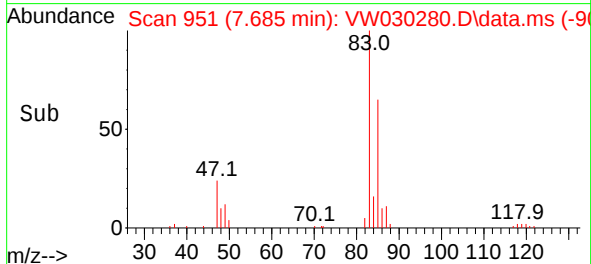
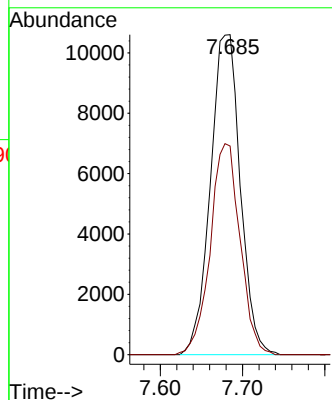
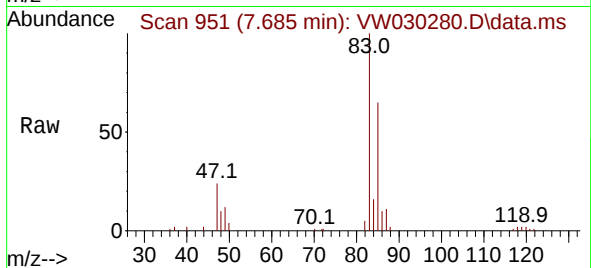
ClientSampleId :

Tgt Ion: 83 Resp: 26823

Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.0



#27

1,2-Dichloroethane

Concen: 5.019 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030280.D

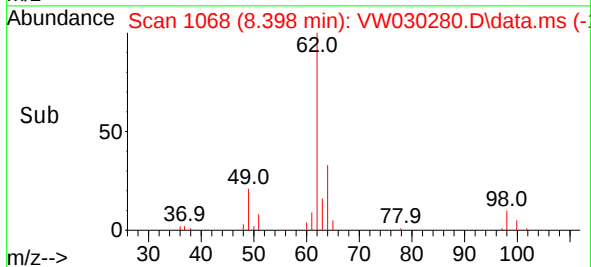
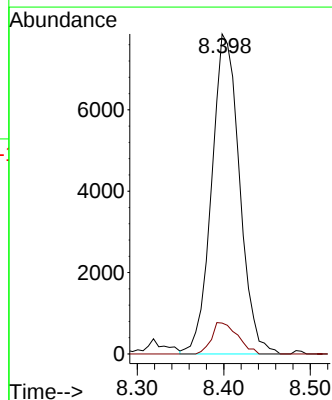
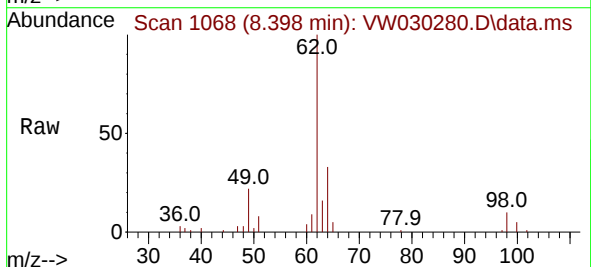
Acq: 27 Sep 2024 15:13

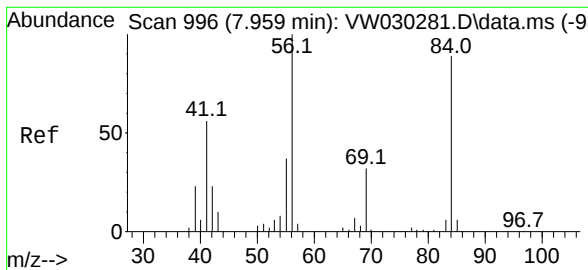
Tgt Ion: 62 Resp: 17579

Ion Ratio Lower Upper

62 100

98 9.7 7.0 10.6





#29

Cyclohexane

Concen: 5.286 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :

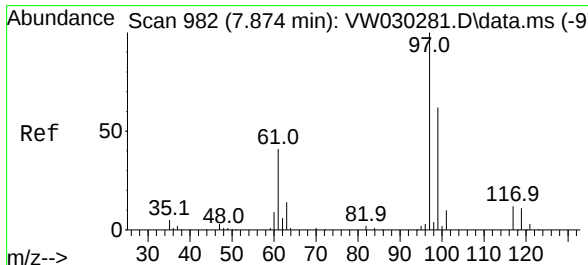
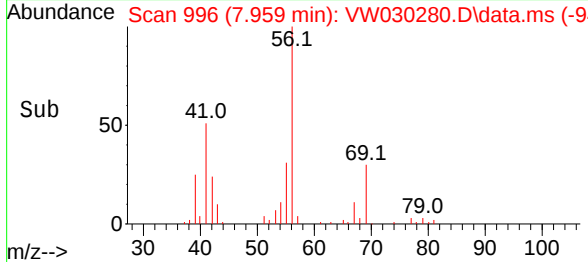
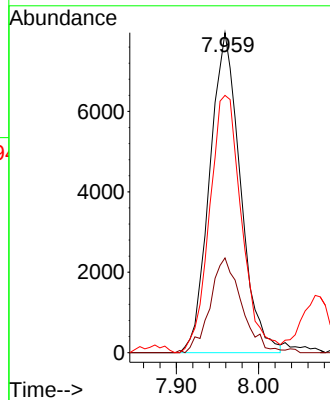
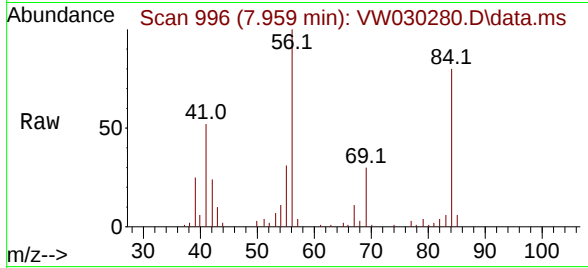
Tgt Ion: 56 Resp: 20690

Ion Ratio Lower Upper

56 100

69 29.9 24.5 36.7

84 84.0 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 5.250 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

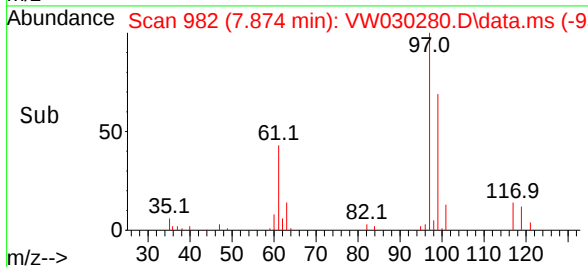
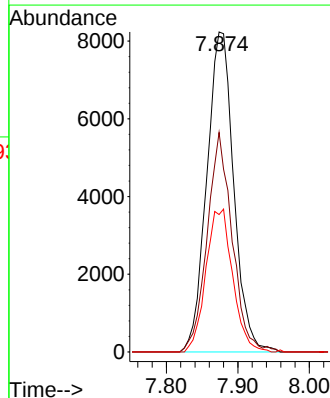
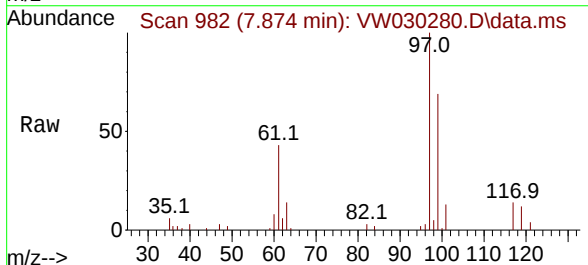
Tgt Ion: 97 Resp: 21593

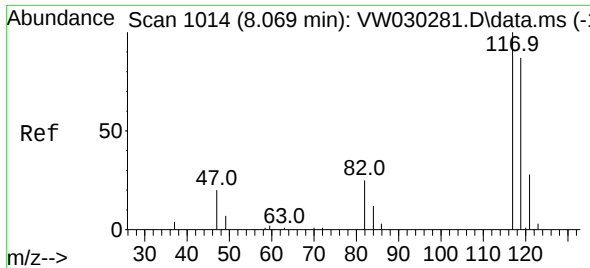
Ion Ratio Lower Upper

97 100

99 63.2 50.9 76.3

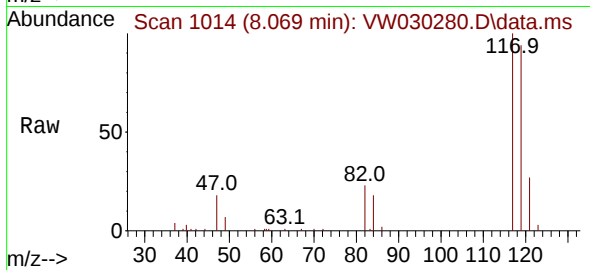
61 44.3 34.1 51.1



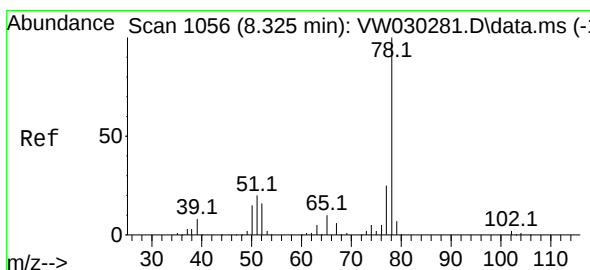
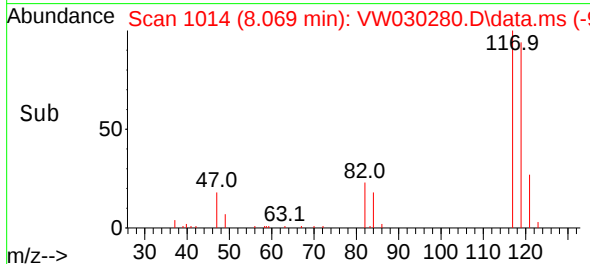
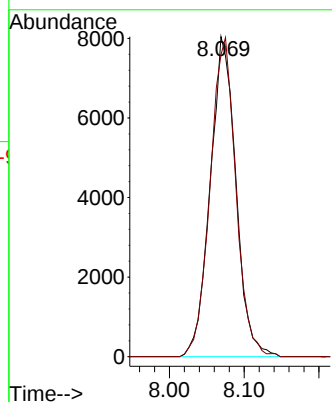


#31
Carbon tetrachloride
Concen: 5.233 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Instrument :
MSVOA_W
ClientSampleId :

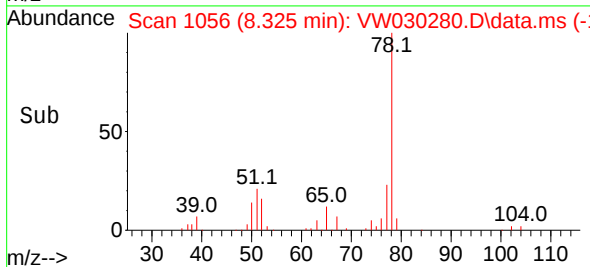
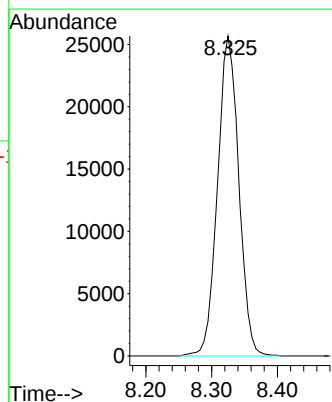
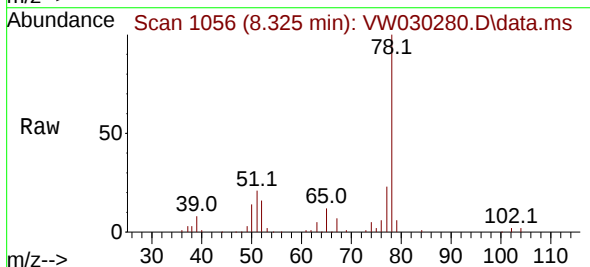


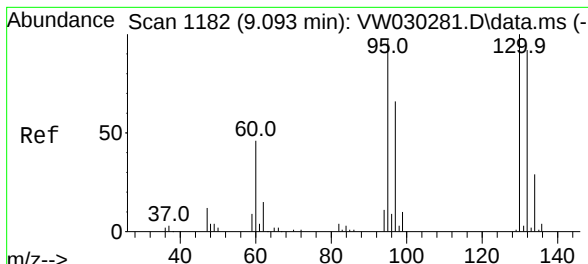
Tgt Ion:117 Resp: 19237
Ion Ratio Lower Upper
117 100
119 99.5 75.5 113.3



#33
Benzene
Concen: 5.345 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Tgt Ion: 78 Resp: 57803





#34

Trichloroethene

Concen: 5.216 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

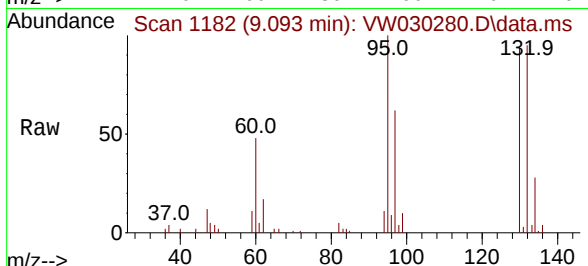
Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 15005

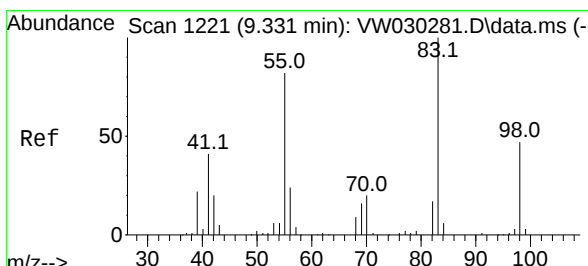
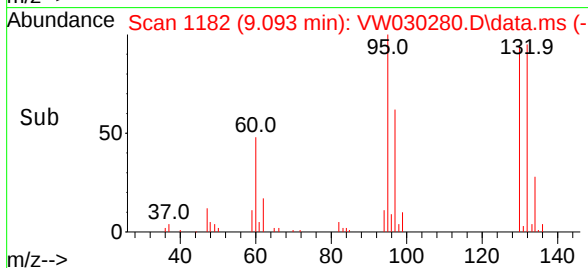
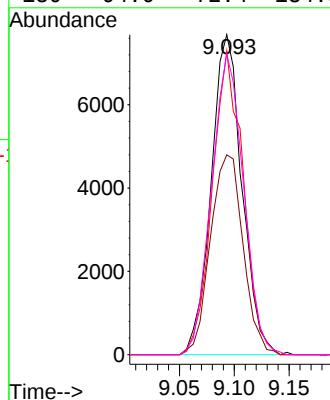
Ion Ratio Lower Upper

95 100

97 62.5 47.5 88.1

132 94.9 66.7 123.9

130 94.0 72.4 134.5



#35

Methylcyclohexane

Concen: 5.448 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

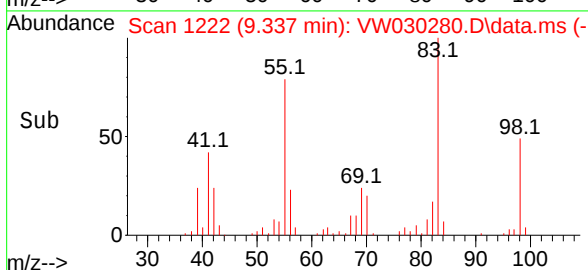
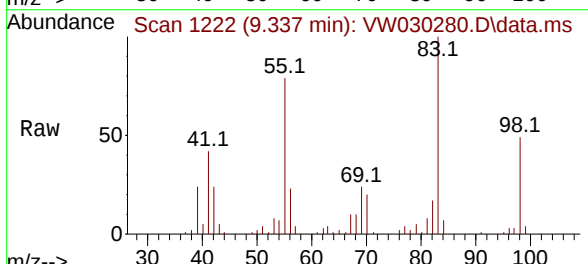
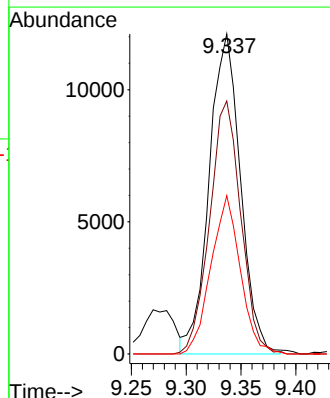
Tgt Ion: 83 Resp: 24051

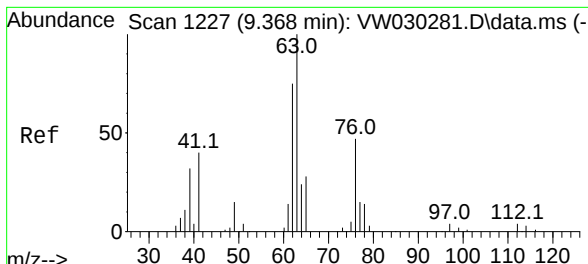
Ion Ratio Lower Upper

83 100

55 78.6 61.7 92.5

98 46.6 37.2 55.8



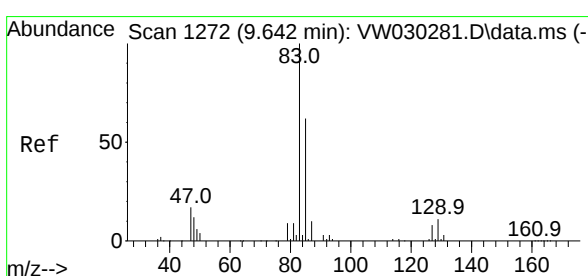
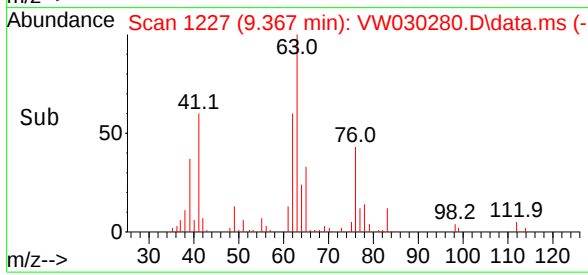
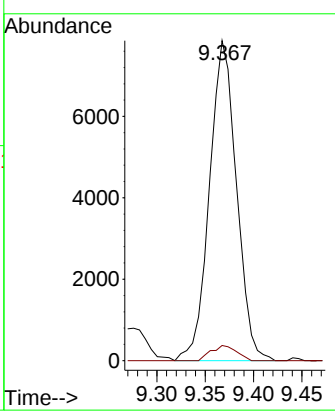
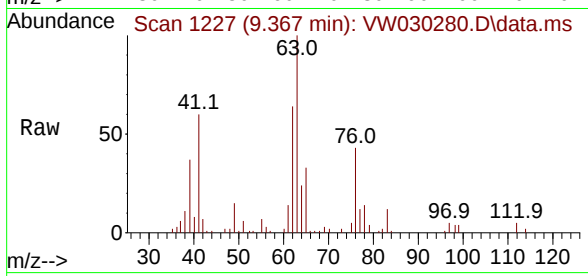


#37
 1,2-Dichloropropane
 Concen: 5.356 ug/L
 RT: 9.367 min Scan# 1227
 Delta R.T. -0.000 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 63 Resp: 15283

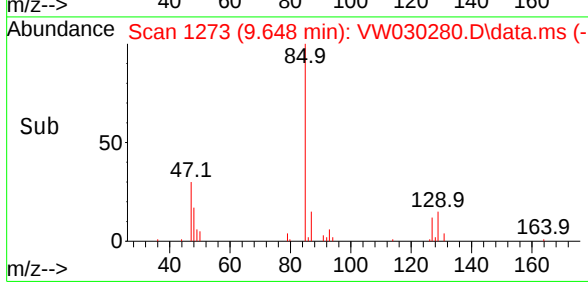
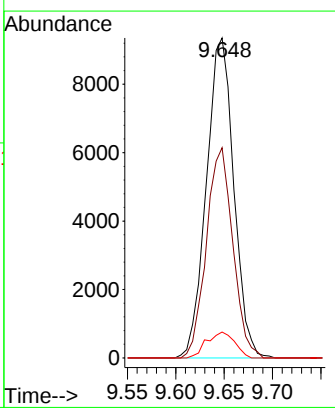
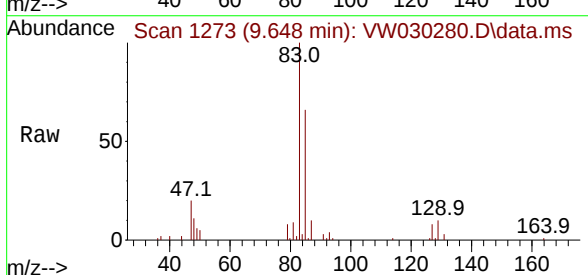
Ion	Ratio	Lower	Upper
63	100		
112	4.5	3.4	5.2

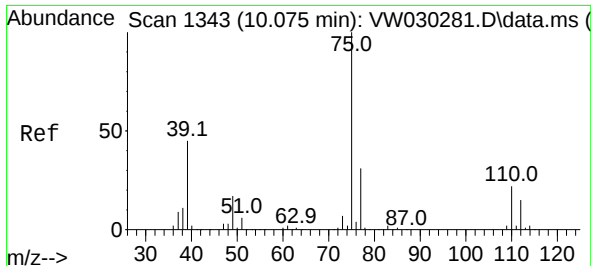


#38
 Bromodichloromethane
 Concen: 5.142 ug/L
 RT: 9.648 min Scan# 1273
 Delta R.T. 0.006 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

Tgt Ion: 83 Resp: 18421

Ion	Ratio	Lower	Upper
83	100		
85	65.7	43.5	80.7
127	8.1	6.1	9.1

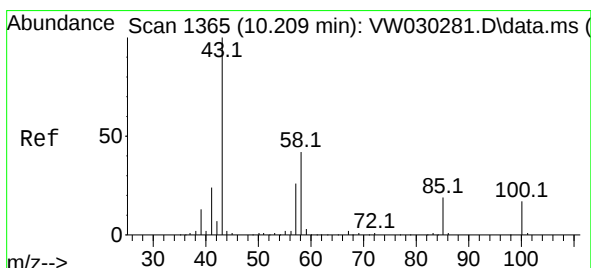
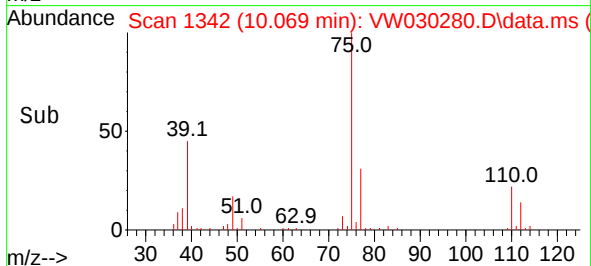
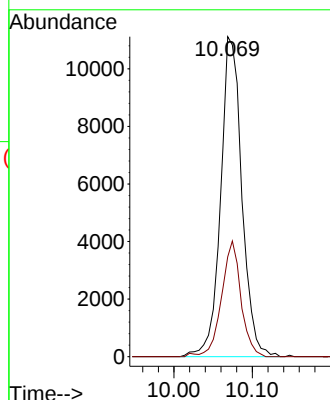
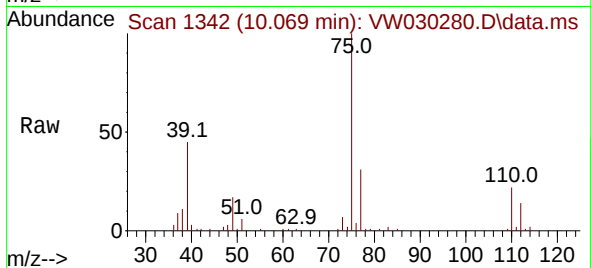




#39
 cis-1,3-Dichloropropene
 Concen: 4.795 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

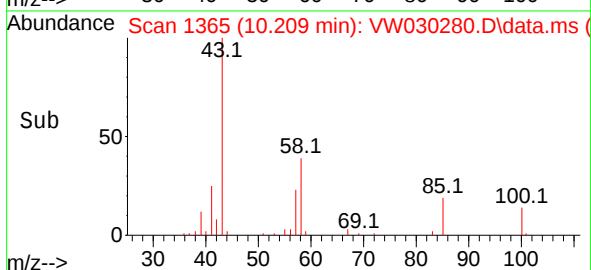
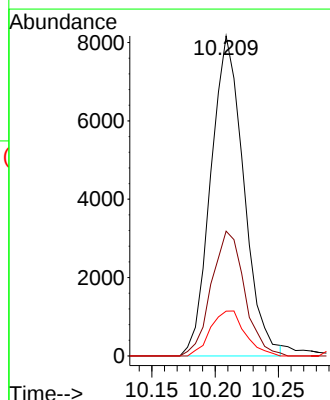
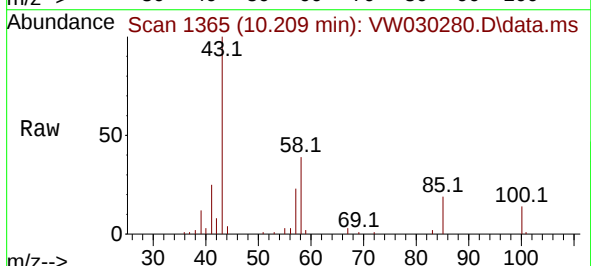
Instrument :
 MSVOA_W
 ClientSampleId :

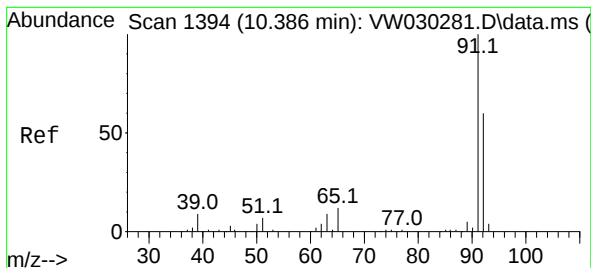
Tgt Ion: 75 Resp: 20978
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 10.067 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

Tgt Ion: 43 Resp: 14775
 Ion Ratio Lower Upper
 43 100
 58 39.2 32.6 48.8
 100 14.8 12.5 18.7





#42

Toluene

Concen: 5.208 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

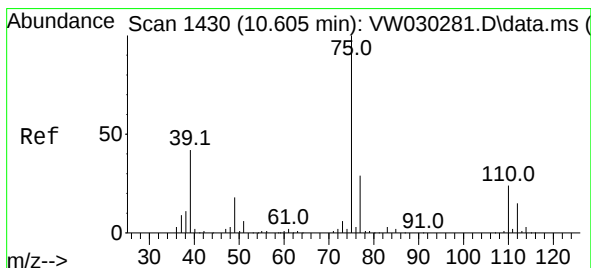
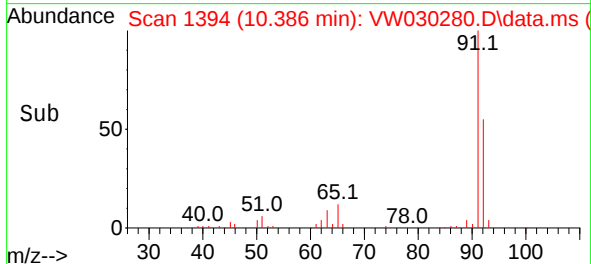
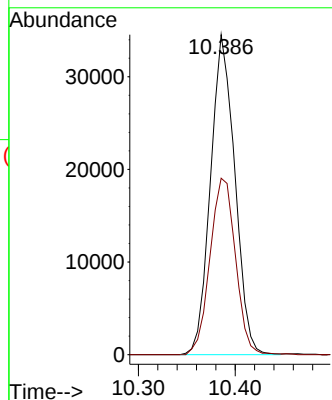
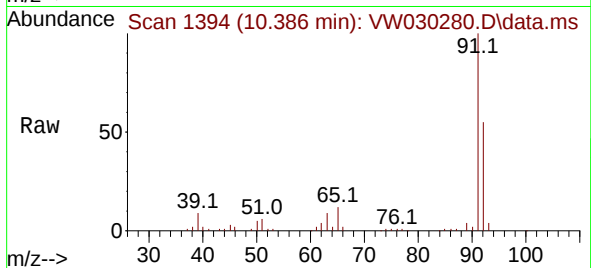
ClientSampleId :

Tgt Ion: 91 Resp: 60297

Ion Ratio Lower Upper

91 100

92 55.1 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 4.871 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030280.D

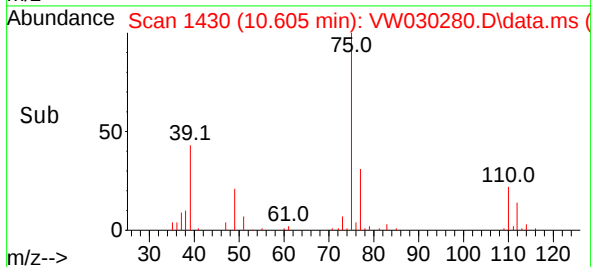
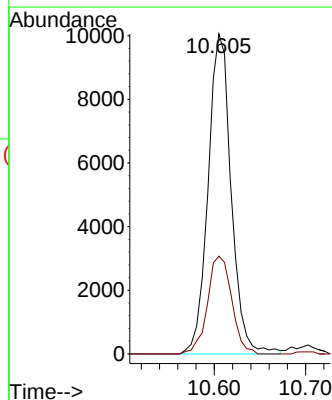
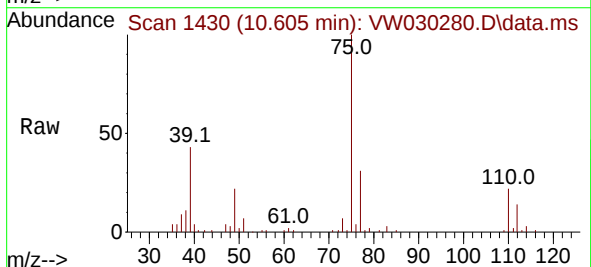
Acq: 27 Sep 2024 15:13

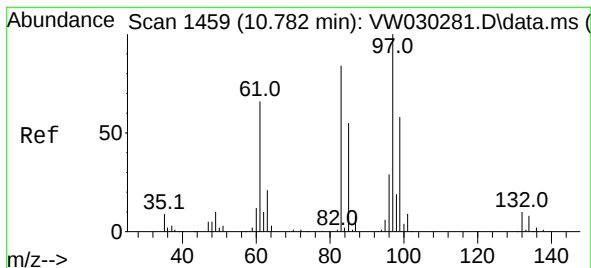
Tgt Ion: 75 Resp: 17658

Ion Ratio Lower Upper

75 100

77 30.6 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 5.175 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

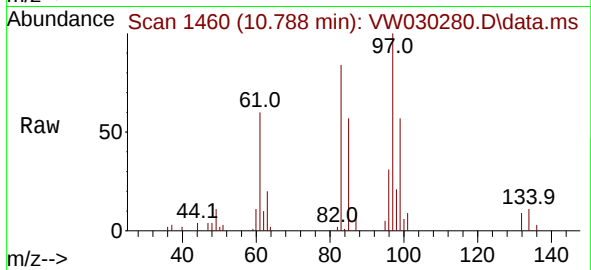
Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 10406

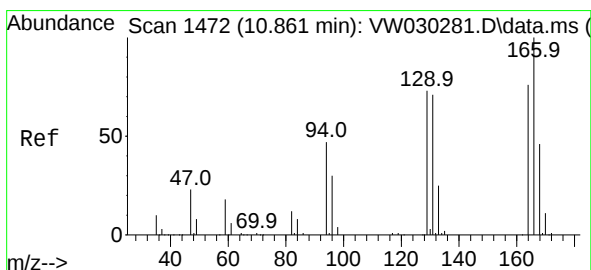
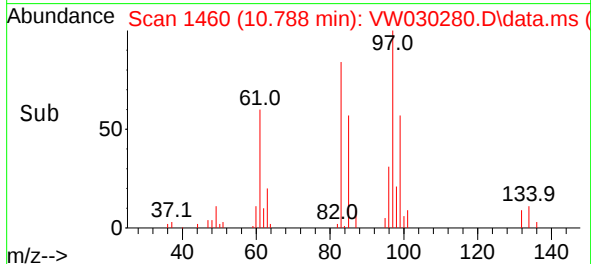
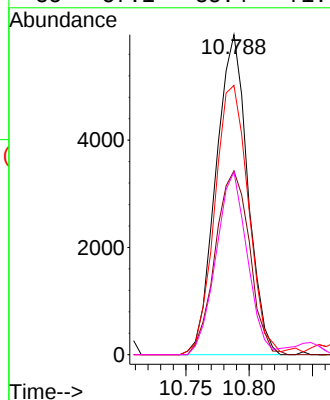
Ion Ratio Lower Upper

97 100

99 57.4 40.8 75.8

83 84.1 59.1 109.7

85 57.1 38.4 71.4



#46

Tetrachloroethene

Concen: 5.395 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Tgt Ion: 164 Resp: 11607

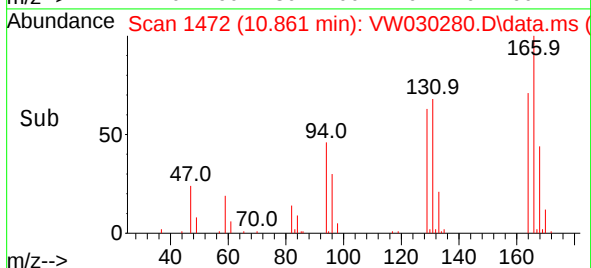
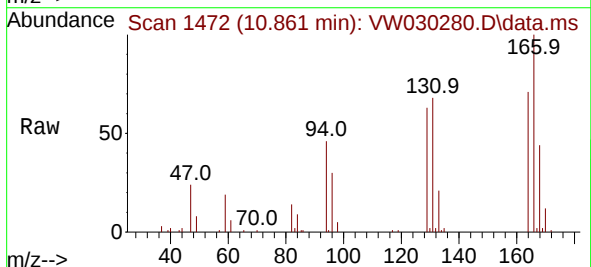
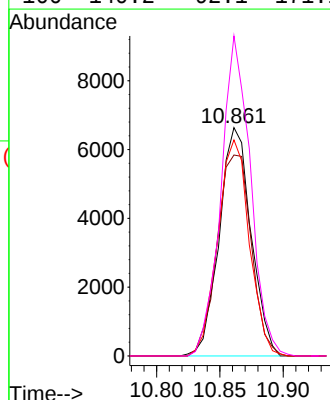
Ion Ratio Lower Upper

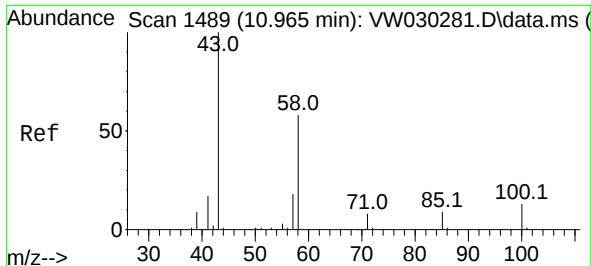
164 100

129 88.0 67.2 124.8

131 94.7 65.9 122.3

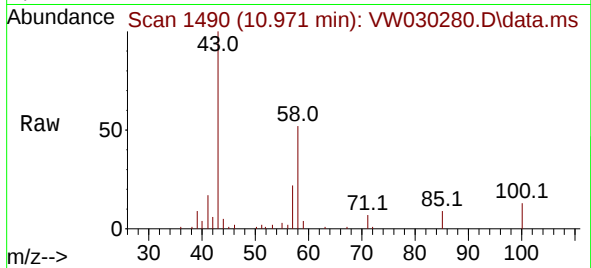
166 140.2 92.1 171.1



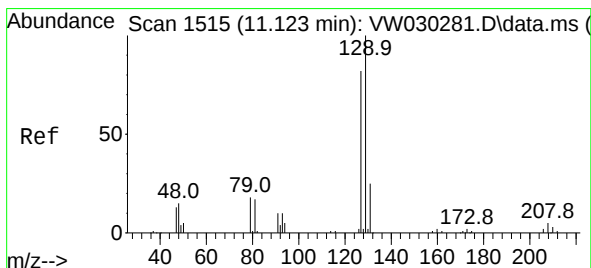
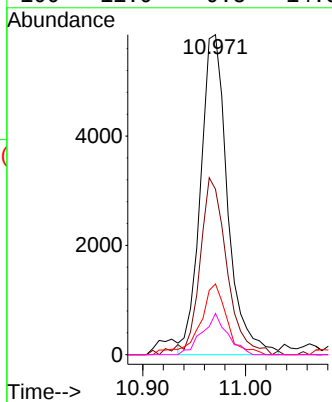
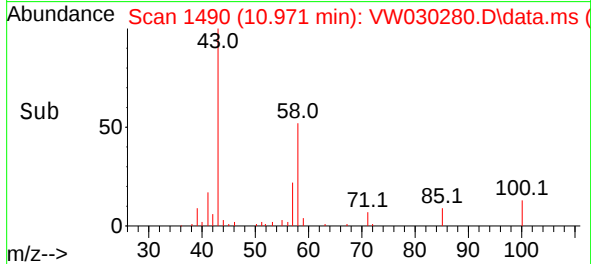


#48
2-Hexanone
Concen: 9.935 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Instrument :
MSVOA_W
ClientSampleId :

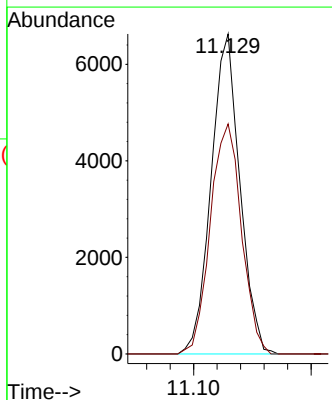
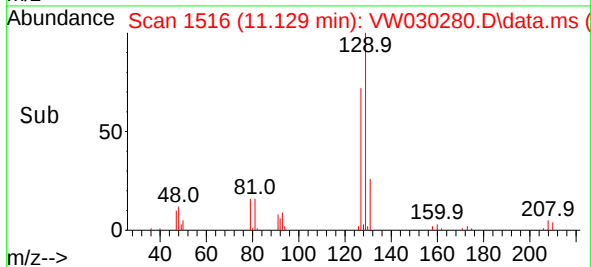
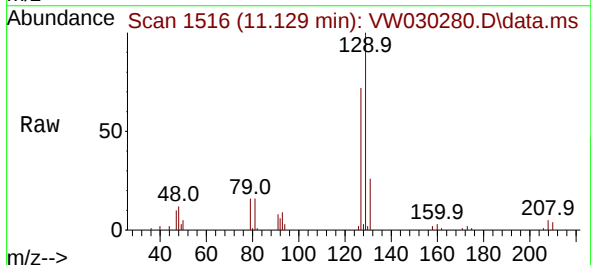


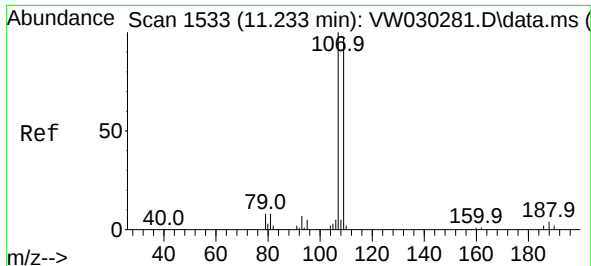
Tgt Ion: 43 Resp: 10737
Ion Ratio Lower Upper
43 100
58 53.5 46.1 69.1
57 22.1 15.3 22.9
100 11.9 9.8 14.8



#49
Dibromochloromethane
Concen: 4.982 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Tgt Ion: 129 Resp: 11274
Ion Ratio Lower Upper
129 100
127 71.9 57.2 106.2





#50

1,2-Dibromoethane

Concen: 5.195 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

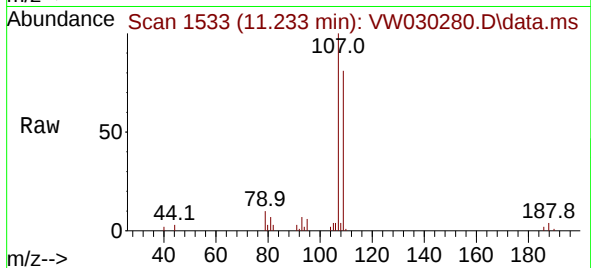
Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

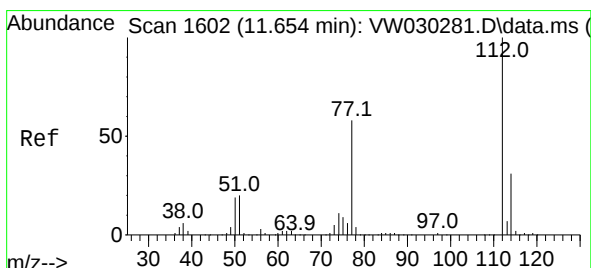
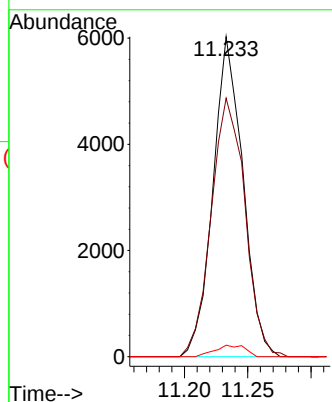
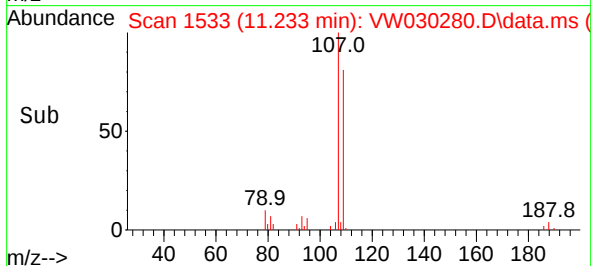
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	9884
Ion Ratio	Lower	Upper	
107	100		
109	80.8	67.8	125.8
188	3.6	2.9	4.3



#51

Chlorobenzene

Concen: 5.310 ug/L

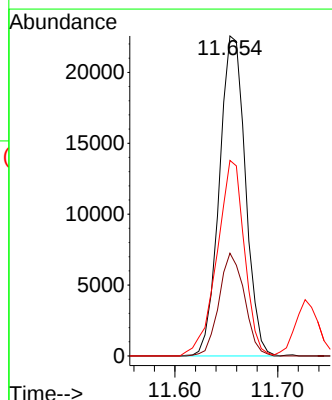
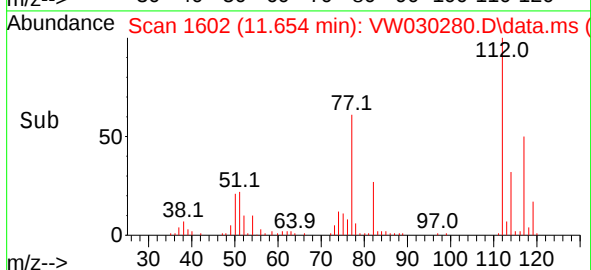
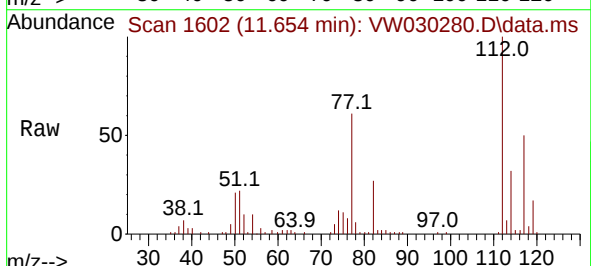
RT: 11.654 min Scan# 1602

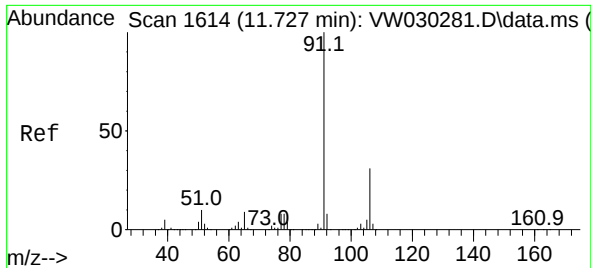
Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Tgt Ion:	112	Resp:	39726
Ion Ratio	Lower	Upper	
112	100		
114	32.1	21.5	39.9
77	61.1	46.7	70.1





#52

Ethylbenzene

Concen: 5.139 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

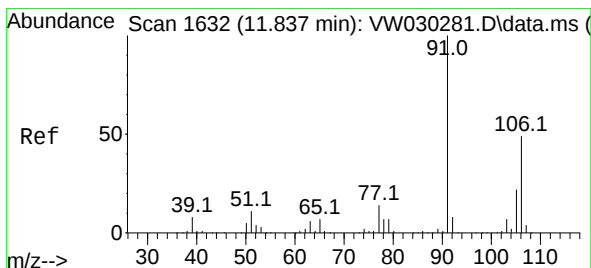
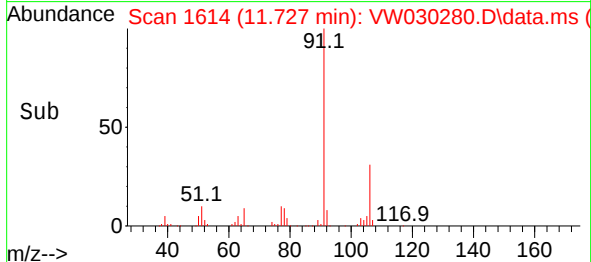
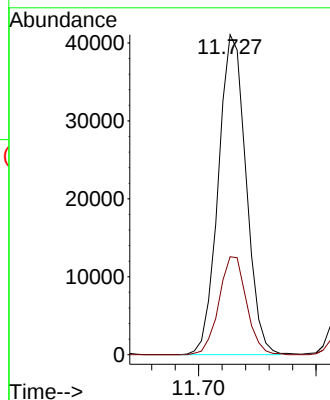
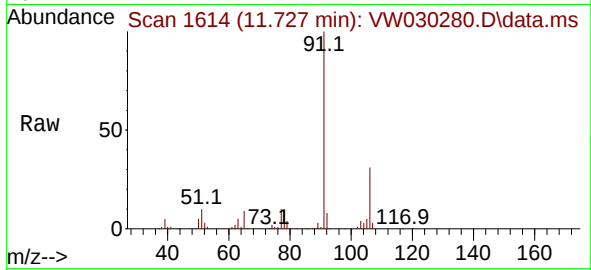
ClientSampleId :

Tgt Ion: 91 Resp: 67402

Ion Ratio Lower Upper

91 100

106 30.6 21.8 40.6



#53

m,p-Xylene

Concen: 5.227 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030280.D

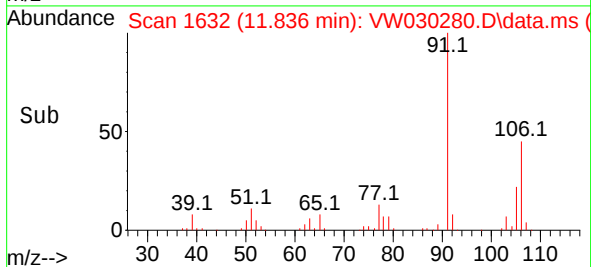
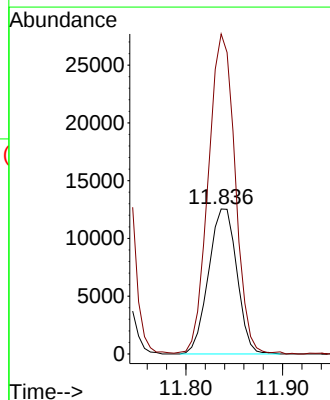
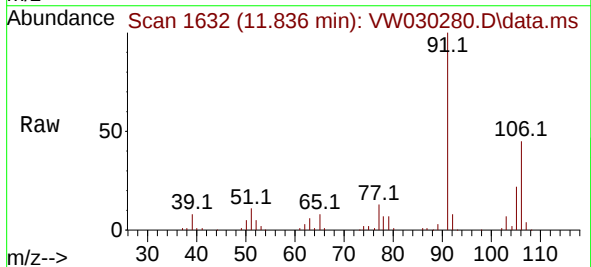
Acq: 27 Sep 2024 15:13

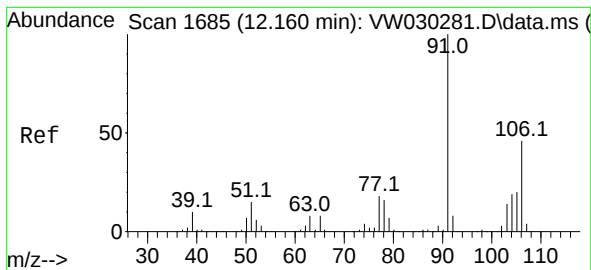
Tgt Ion:106 Resp: 25593

Ion Ratio Lower Upper

106 100

91 220.6 144.4 268.2





#54

o-Xylene

Concen: 5.131 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

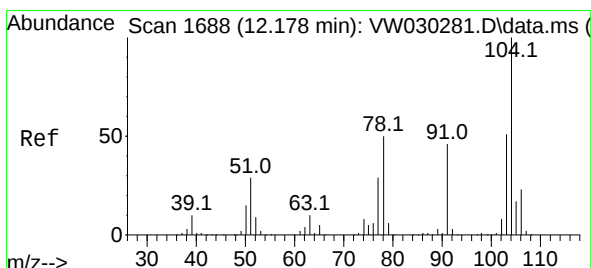
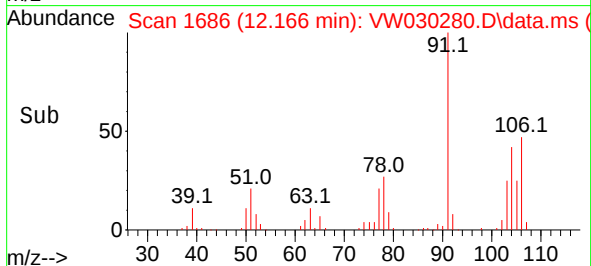
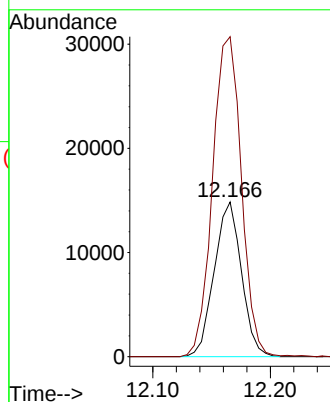
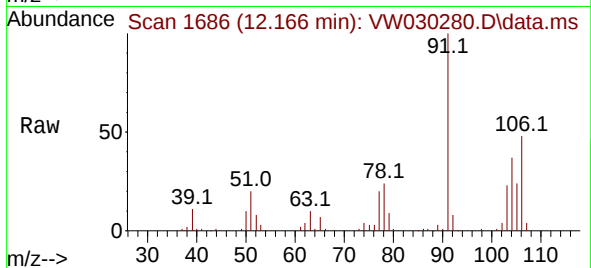
ClientSampleId :

Tgt Ion:106 Resp: 23911

Ion Ratio Lower Upper

106 100

91 206.9 153.6 285.2



#55

Styrene

Concen: 4.970 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030280.D

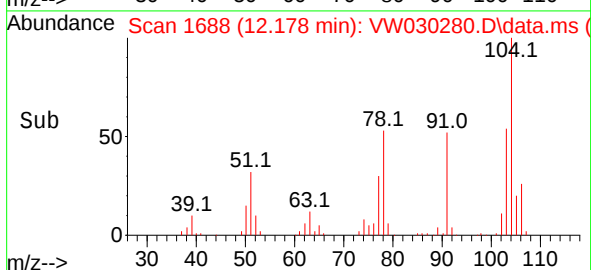
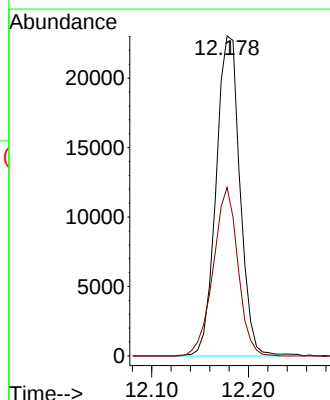
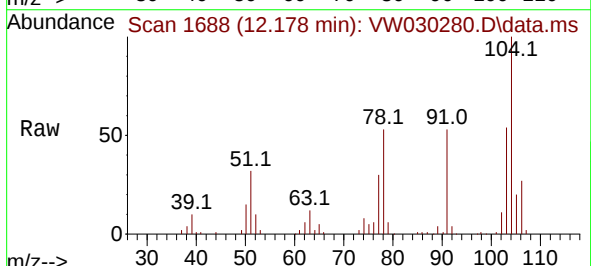
Acq: 27 Sep 2024 15:13

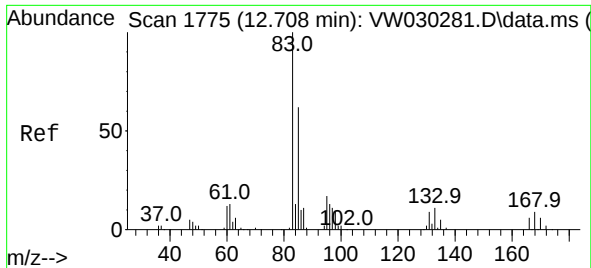
Tgt Ion:104 Resp: 39508

Ion Ratio Lower Upper

104 100

78 52.7 34.6 64.3

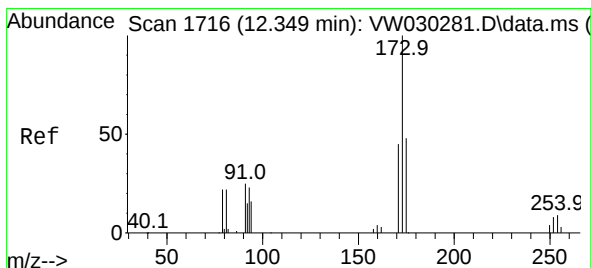
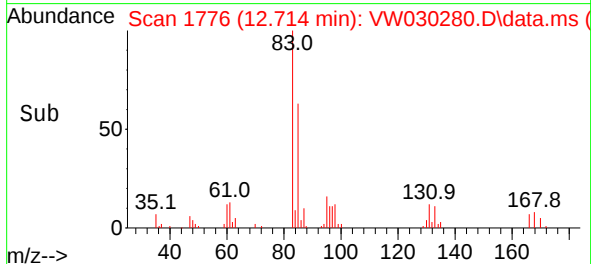
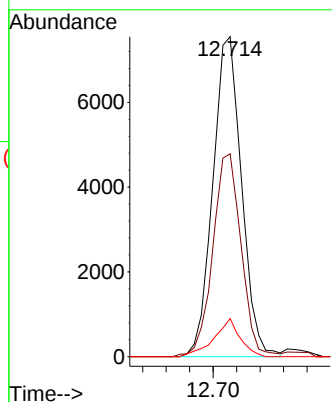
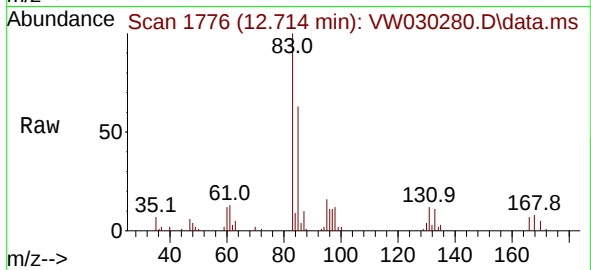




#57
1,1,2,2-Tetrachloroethane
Concen: 5.436 ug/L
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

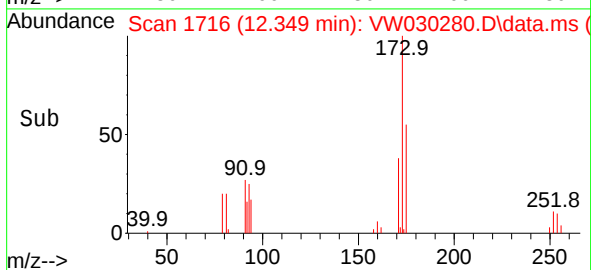
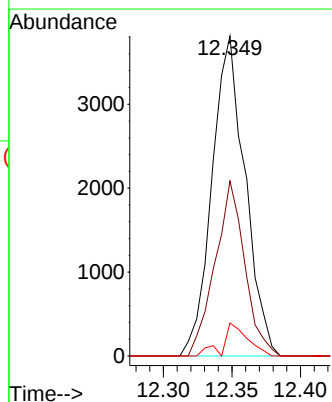
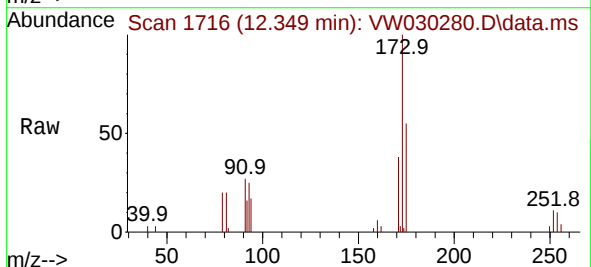
Instrument :
MSVOA_W
ClientSampleId :

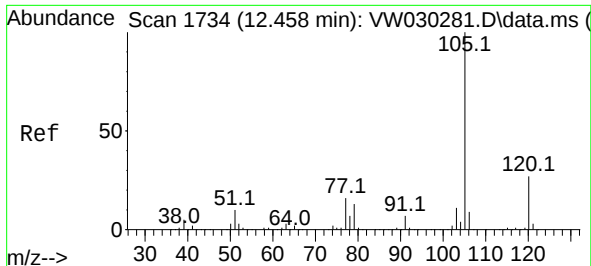
Tgt Ion: 83 Resp: 12801
Ion Ratio Lower Upper
83 100
85 63.4 43.9 81.5
131 11.9 7.1 10.7#



#59
Bromoform
Concen: 4.925 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Tgt Ion:173 Resp: 6406
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 6.4 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.149 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030280.D

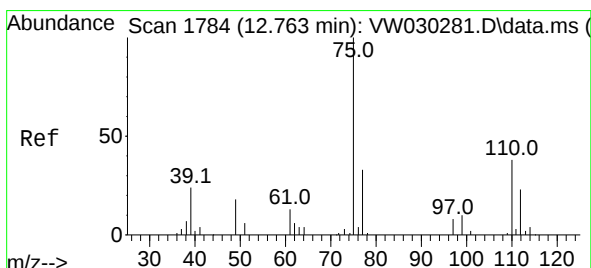
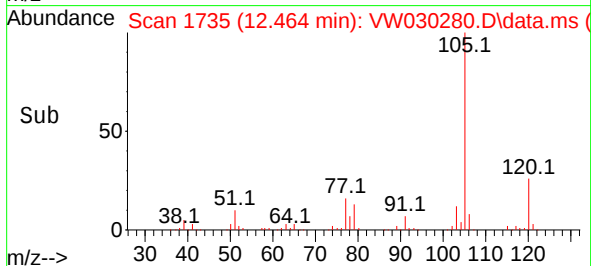
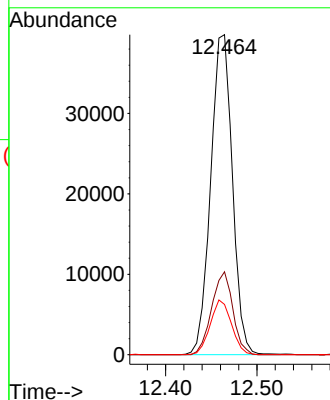
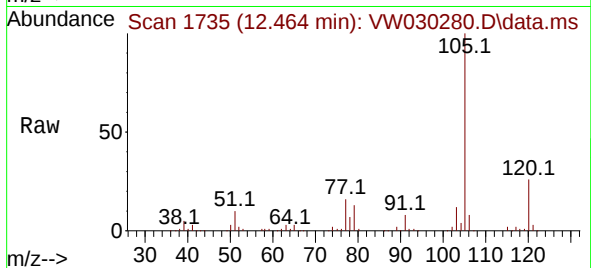
Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	65611
Ion Ratio	Lower	Upper	
105	100		
120	25.3	21.2	31.8
77	16.7	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 5.279 ug/L

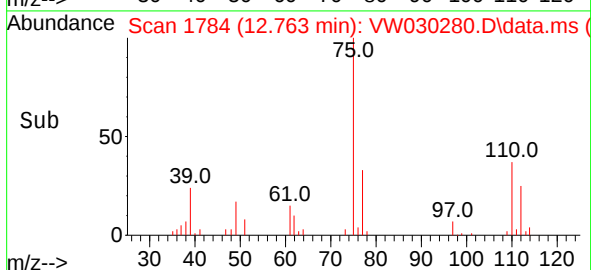
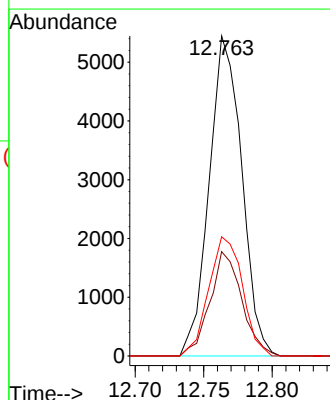
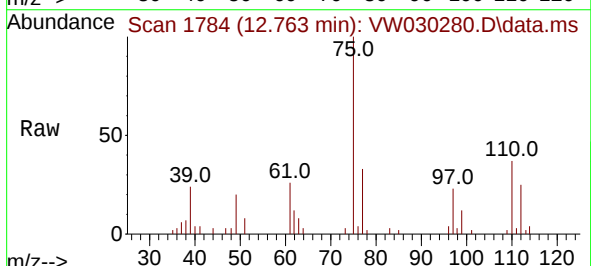
RT: 12.763 min Scan# 1784

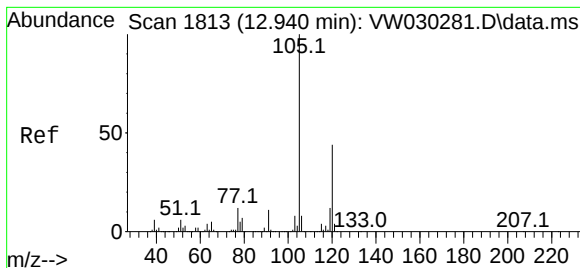
Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Tgt Ion:	75	Resp:	9010
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.4	38.2
110	38.7	30.8	46.2





#62

1,3,5-Trimethylbenzene

Concen: 4.940 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

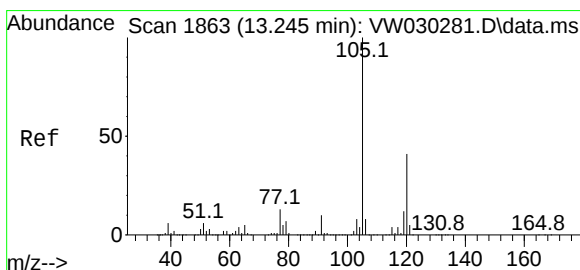
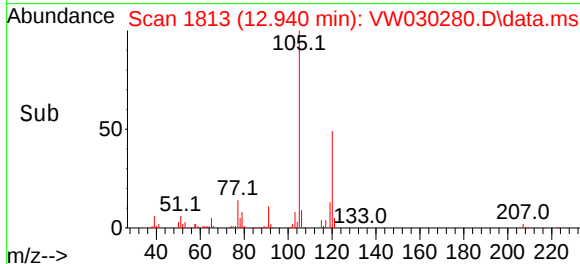
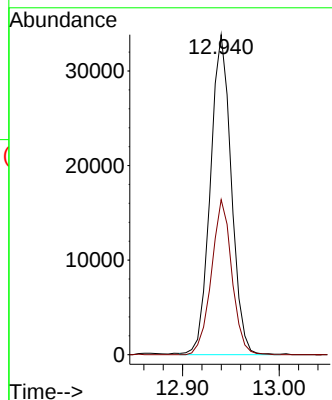
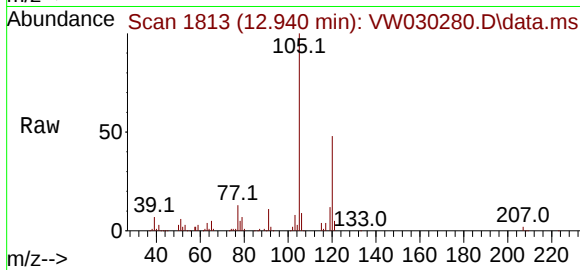
ClientSampleId :

Tgt Ion:105 Resp: 50915

Ion Ratio Lower Upper

105 100

120 47.2 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 4.964 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW030280.D

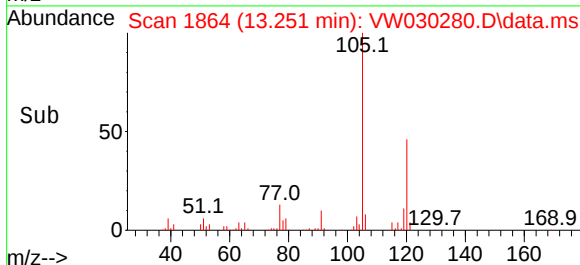
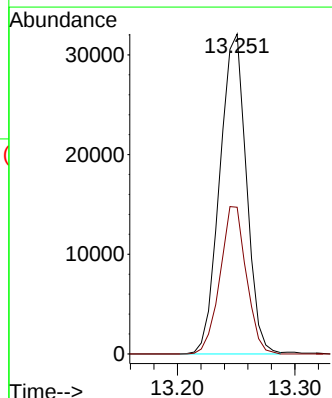
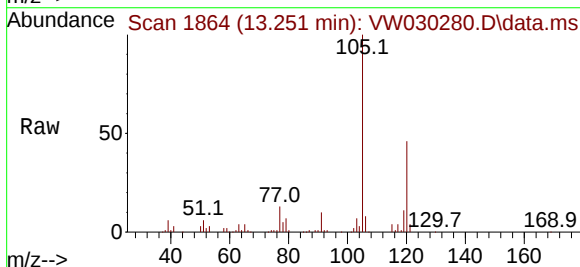
Acq: 27 Sep 2024 15:13

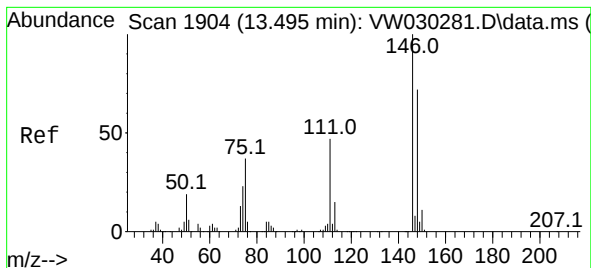
Tgt Ion:105 Resp: 50557

Ion Ratio Lower Upper

105 100

120 45.5 34.4 51.6





#64

1,3-Dichlorobenzene

Concen: 5.186 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

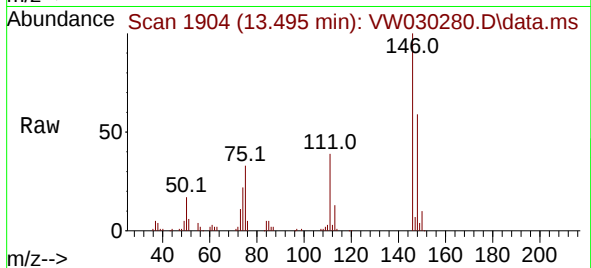
Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

Instrument :

MSVOA_W

ClientSampleId :



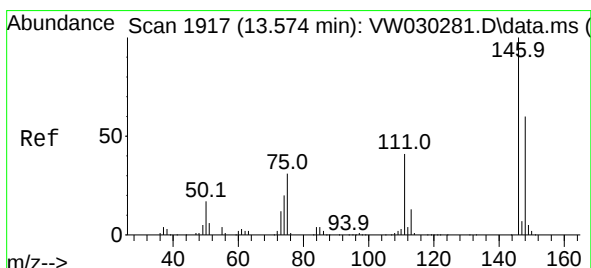
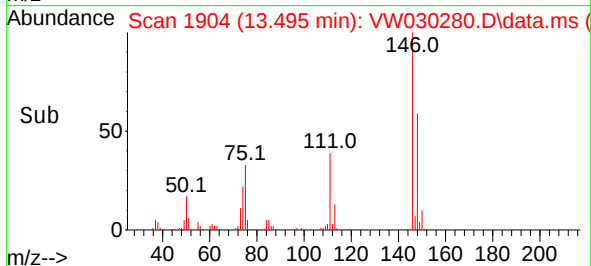
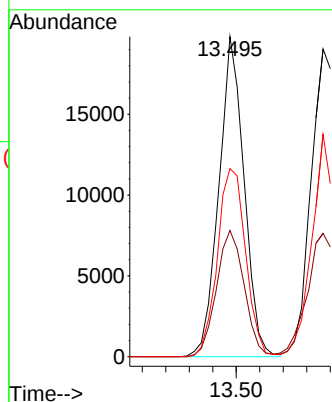
Tgt Ion:146 Resp: 29535

Ion Ratio Lower Upper

146 100

111 39.5 33.2 61.6

148 58.8 50.4 93.6



#65

1,4-Dichlorobenzene

Concen: 5.271 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030280.D

Acq: 27 Sep 2024 15:13

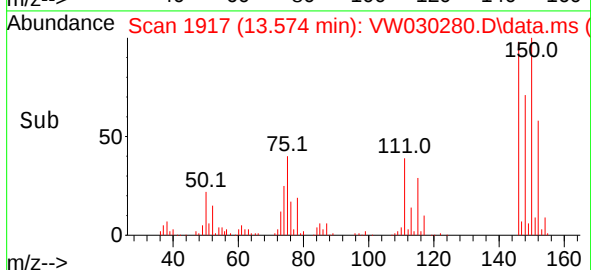
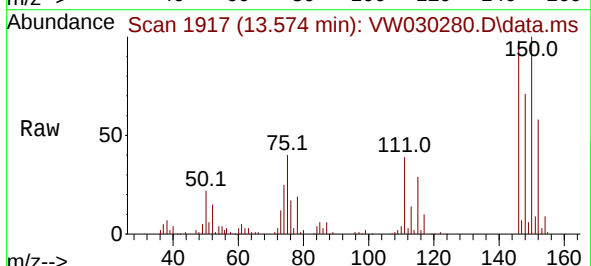
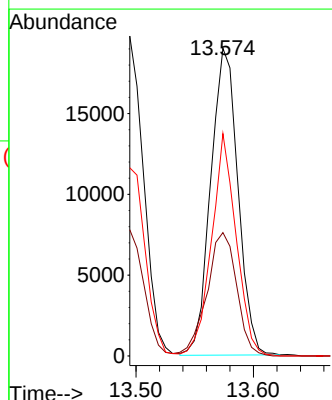
Tgt Ion:146 Resp: 30662

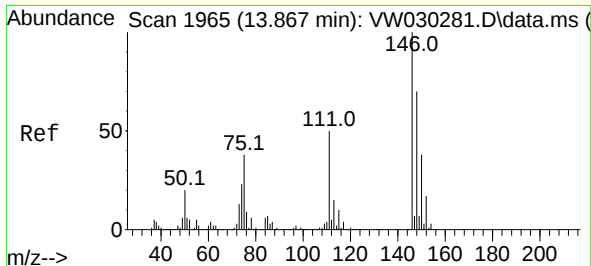
Ion Ratio Lower Upper

146 100

111 40.1 29.1 54.1

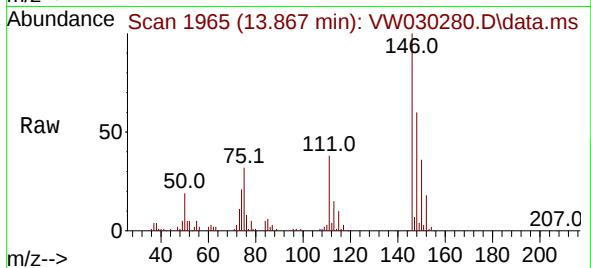
148 72.3 42.1 78.1



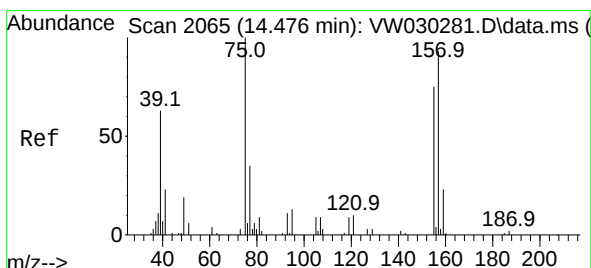
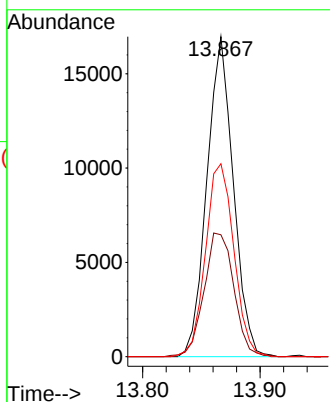
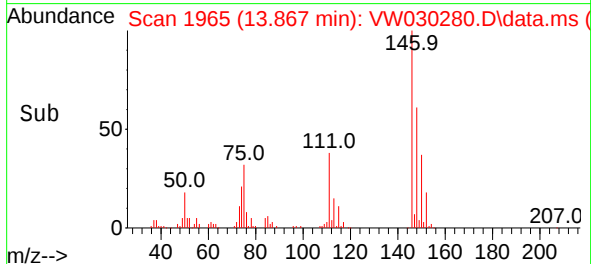


#67
1,2-Dichlorobenzene
Concen: 5.225 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

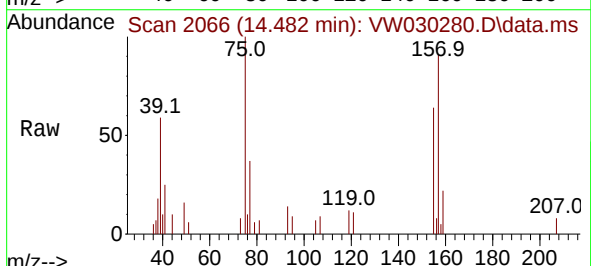
Instrument :
MSVOA_W
ClientSampleId :



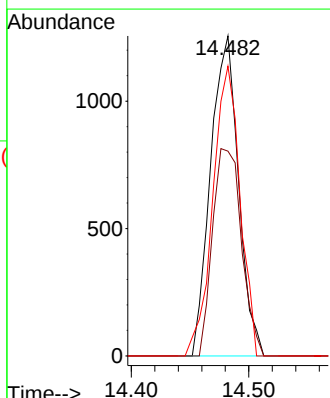
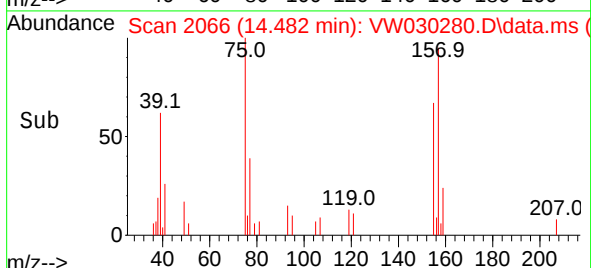
Tgt Ion:146 Resp: 26529
Ion Ratio Lower Upper
146 100
111 38.1 40.1 60.1#
148 60.3 55.7 83.5

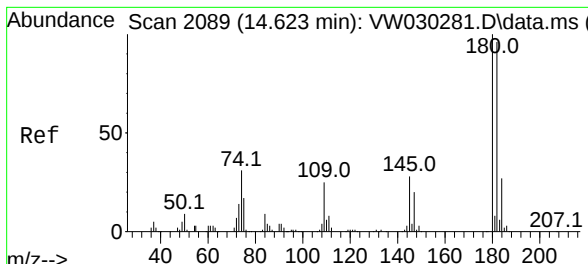


#68
1,2-Dibromo-3-chloropropane
Concen: 5.293 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13



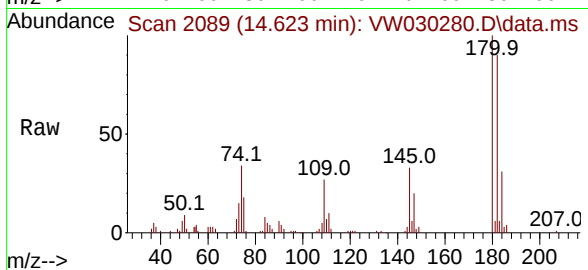
Tgt Ion: 75 Resp: 2070
Ion Ratio Lower Upper
75 100
155 64.0 60.1 90.1
157 90.5 74.3 111.5



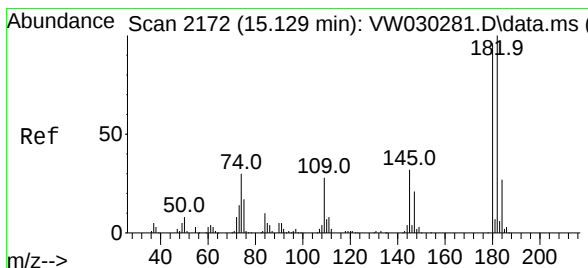
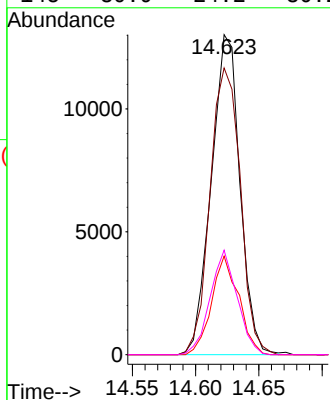
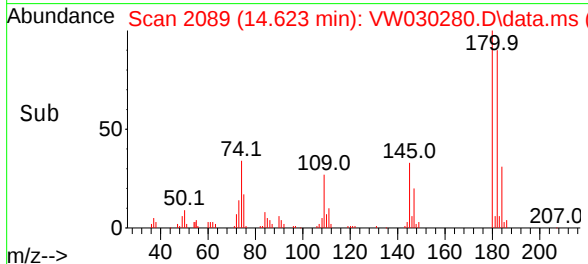


#69
 1,3,5-Trichlorobenzene
 Concen: 5.220 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13

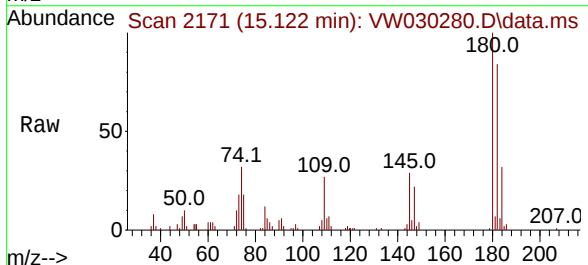
Instrument :
 MSVOA_W
 ClientSampleId :



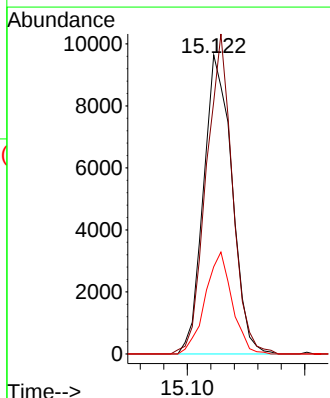
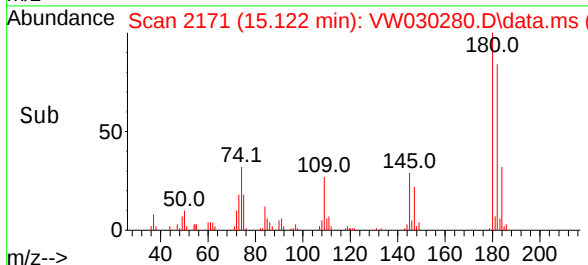
Tgt Ion:180 Resp: 20517
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.4 116.2
 184 29.2 24.5 36.7
 145 30.9 24.2 36.2

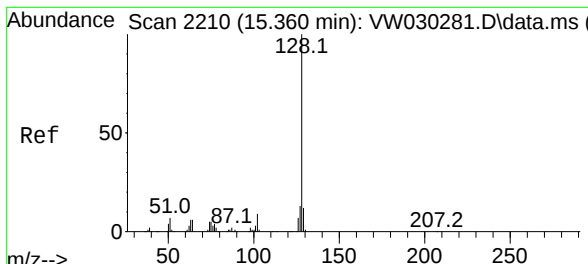


#70
 1,2,4-trichlorobenzene
 Concen: 4.983 ug/L
 RT: 15.122 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW030280.D
 Acq: 27 Sep 2024 15:13



Tgt Ion:180 Resp: 16215
 Ion Ratio Lower Upper
 180 100
 182 98.4 77.2 115.8
 145 32.2 25.3 37.9

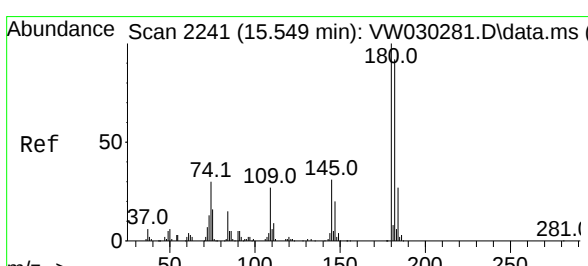
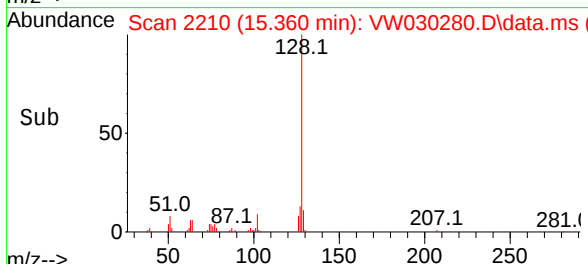
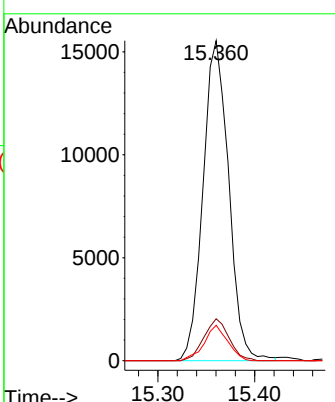
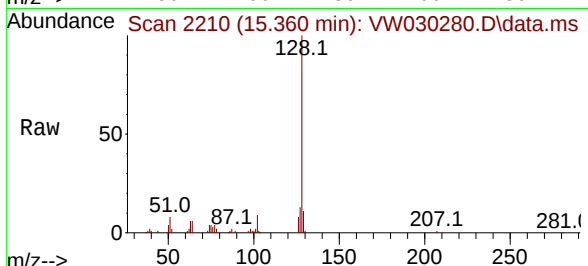




#71
Naphthalene
Concen: 4.810 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	28634
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	10.1	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 5.170 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030280.D
Acq: 27 Sep 2024 15:13

Tgt Ion:	180	Resp:	14728
Ion Ratio	Lower	Upper	
180	100		
182	97.6	75.6	113.4
145	33.3	25.6	38.4

