

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031066.D
 Acq On : 20 Nov 2024 11:03
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 03:49:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	430776	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	398470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	195884	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	13312	2.535	ug/L	0.00
7) Chloroethane-d5	2.893	69	10187	2.458	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.003	65	2381	0.918	ug/L	-0.01
21) 2-Butanone-d5	7.087	46	3111	2.573	ug/L	0.01
24) Chloroform-d	7.648	84	27528	2.352	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	12968	2.268	ug/L	0.00
32) Benzene-d6	8.270	84	51174	2.268	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	15924	2.393	ug/L	0.00
41) Toluene-d8	10.319	98	42823	2.083	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5678	2.050	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3266	3.415	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	11770	2.322	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	16083	2.349	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	7084	1.387	ug/L	96
3) Chloromethane	2.247	50	8462	1.346	ug/L	92
5) Vinyl chloride	2.375	62	10052	1.553	ug/L	94
6) Bromomethane	2.783	94	7437	1.645	ug/L	97
8) Chloroethane	2.930	64	6957	1.792	ug/L	97
9) Trichlorofluoromethane	3.265	101	16972	1.895	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.192	101	370	0.061	ug/L	90
12) 1,1-Dichloroethene	4.131	96	214	0.036	ug/L	71
13) Acetone	4.125	43	6814	4.305	ug/L	77
14) Carbon disulfide	4.381	76	17275	0.903	ug/L	99
15) Methyl Acetate	4.679	43	5846	2.780	ug/L #	76
16) Methylene chloride	4.917	84	12296	1.994	ug/L	85
17) trans-1,2-Dichloroethene	5.429	96	10812	1.688	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	18358	1.990	ug/L #	91
19) 1,1-Dichloroethane	6.216	63	24007	2.139	ug/L	99
20) cis-1,2-Dichloroethene	7.161	96	12604	1.866	ug/L	93
22) 2-Butanone	7.173	43	7503	3.865	ug/L	88
23) Bromochloromethane	7.520	128	6051	1.999	ug/L #	80
25) Chloroform	7.673	83	26111	2.226	ug/L	99
27) 1,2-Dichloroethane	8.404	62	15202	2.175	ug/L	99
29) Cyclohexane	7.953	56	12381	1.328	ug/L #	89
30) 1,1,1-Trichloroethane	7.874	97	21129	2.186	ug/L	98
31) Carbon tetrachloride	8.069	117	18214	2.072	ug/L	100
33) Benzene	8.319	78	48421	1.898	ug/L	100
34) Trichloroethene	9.093	95	14073	2.037	ug/L	93
35) Methylcyclohexane	9.331	83	16393	1.476	ug/L	95
37) 1,2-Dichloropropane	9.368	63	12914	2.031	ug/L #	94
38) Bromodichloromethane	9.642	83	17669	2.208	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	17534	1.829	ug/L	94
40) 4-Methyl-2-pentanone	10.203	43	11829	3.953	ug/L	97
42) Toluene	10.386	91	49770	1.848	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	14717	1.902	ug/L	99

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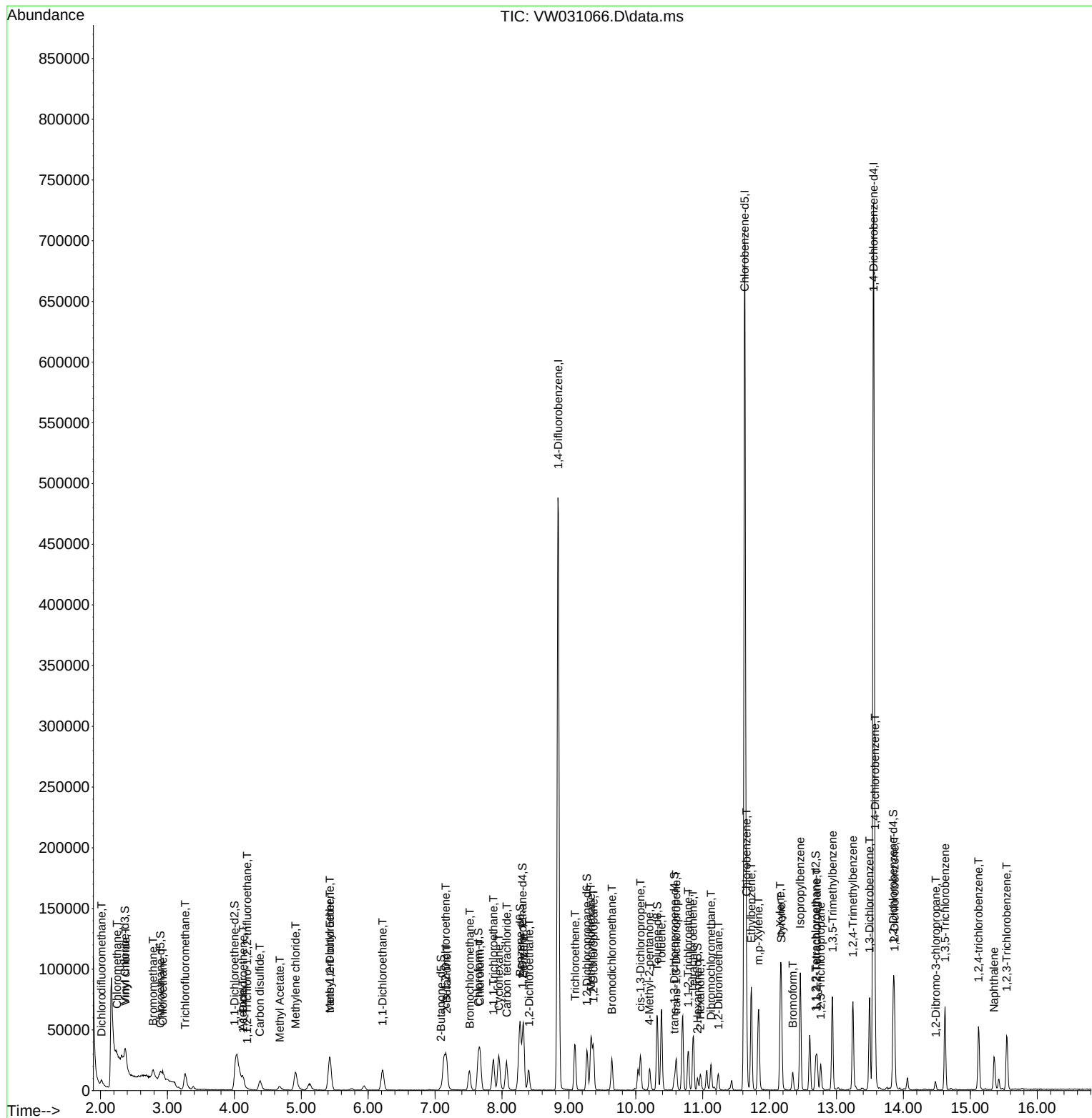
Instrument :
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 ClientSampleId :

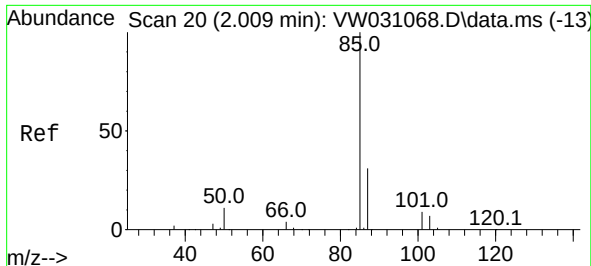
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 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	10645	2.301	ug/L	91
46) Tetrachloroethene	10.855	164	10301	1.864	ug/L	90
48) 2-Hexanone	10.965	43	8353	3.531	ug/L	91
49) Dibromochloromethane	11.123	129	11456	2.227	ug/L	94
50) 1,2-Dibromoethane	11.233	107	9026	2.051	ug/L #	99
51) Chlorobenzene	11.654	112	38785	2.202	ug/L	98
52) Ethylbenzene	11.727	91	58885	1.950	ug/L	99
53) m,p-Xylene	11.837	106	22294	1.934	ug/L	93
54) o-Xylene	12.160	106	19822	1.830	ug/L	93
55) Styrene	12.178	104	32678	1.773	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	12757	2.473	ug/L	92
59) Bromoform	12.349	173	6537	2.230	ug/L	92
60) Isopropylbenzene	12.458	105	55182	1.934	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	9241	2.577	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	40947	1.819	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	40874	1.841	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	29999	2.305	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	33731	2.491	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	27109	2.323	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	1772	2.261	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	21326	2.397	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	16937	2.380	ug/L	97
71) Naphthalene	15.354	128	23875	1.985	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	14770	2.332	ug/L	96

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

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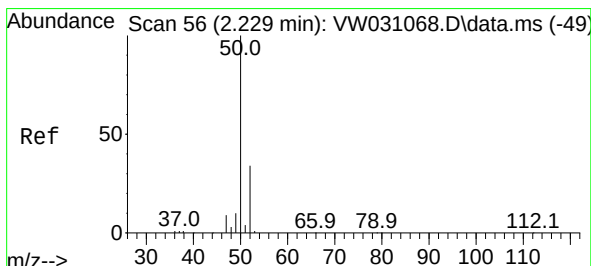
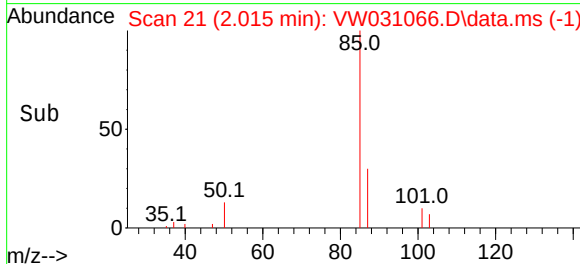
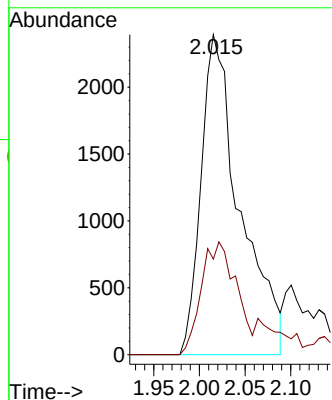
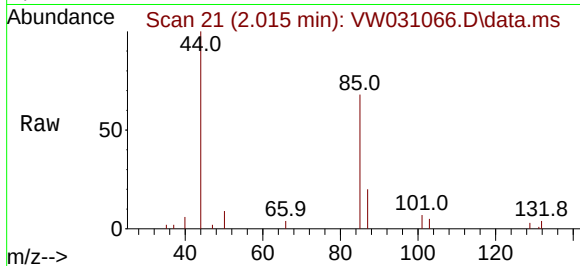




#2
 Dichlorodifluoromethane
 Concen: 1.387 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031066.D
 Acq: 20 Nov 2024 11:03

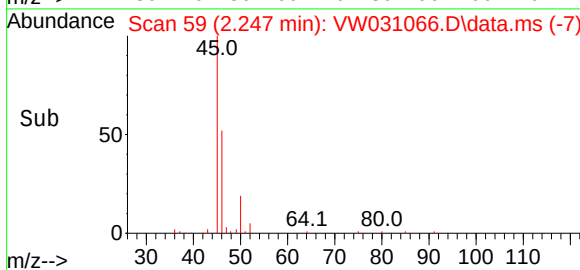
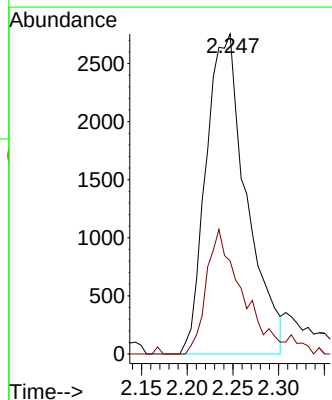
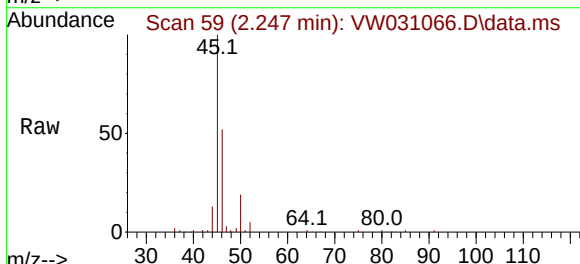
Instrument :
 MSVOA_W
 ClientSampleId :

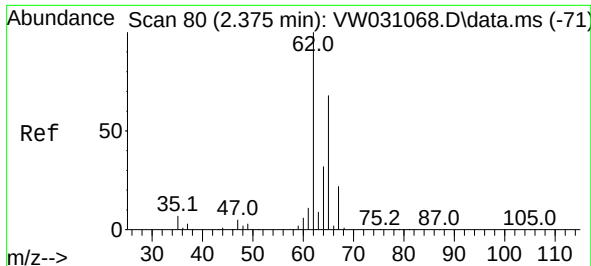
Tgt Ion: 85 Resp: 7084
 Ion Ratio Lower Upper
 85 100
 87 31.7 23.8 35.6



#3
 Chloromethane
 Concen: 1.346 ug/L
 RT: 2.247 min Scan# 59
 Delta R.T. 0.018 min
 Lab File: VW031066.D
 Acq: 20 Nov 2024 11:03

Tgt Ion: 50 Resp: 8462
 Ion Ratio Lower Upper
 50 100
 52 29.0 23.4 43.6

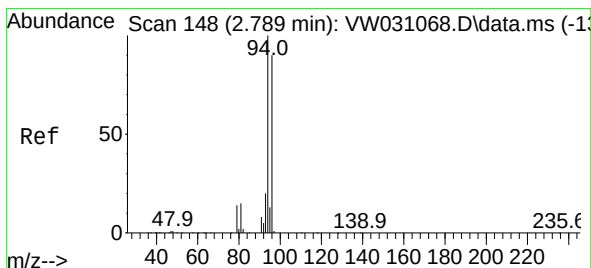
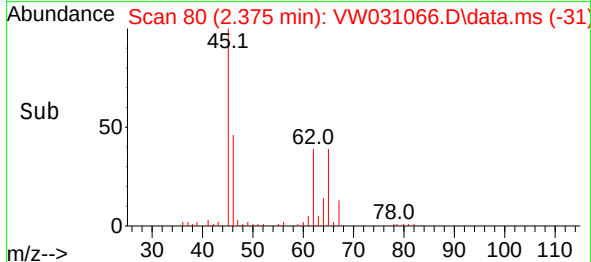
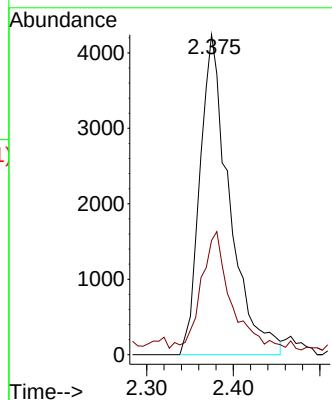
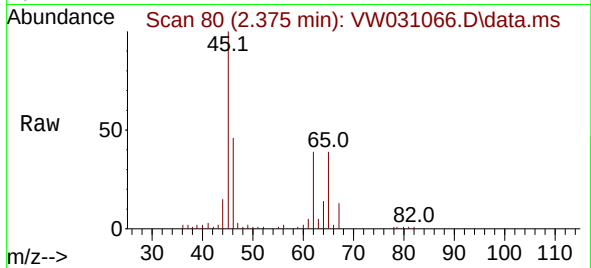




#5
 Vinyl chloride
 Concen: 1.553 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031066.D
 Acq: 20 Nov 2024 11:03

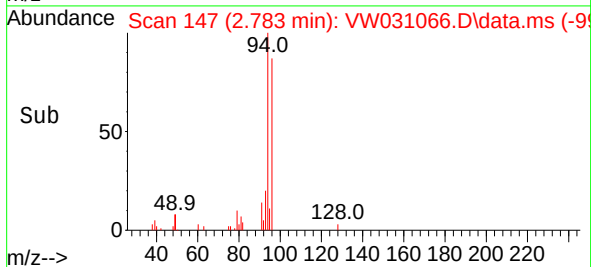
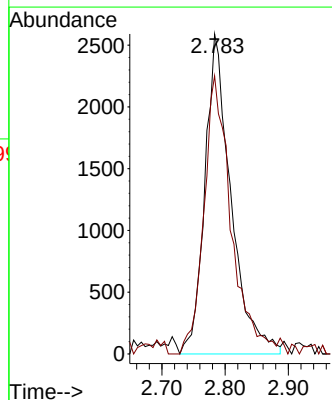
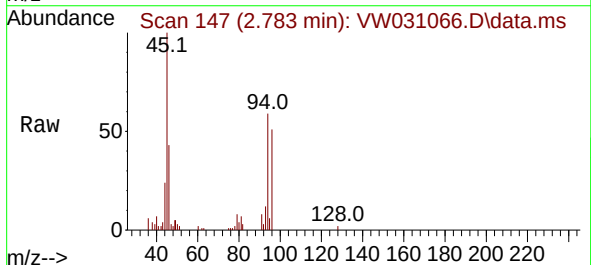
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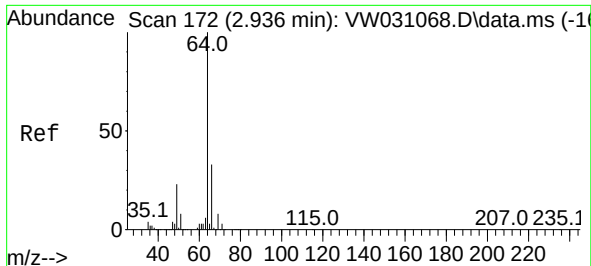
Tgt Ion: 62 Resp: 10052
 Ion Ratio Lower Upper
 62 100
 64 35.7 22.7 42.1



#6
 Bromomethane
 Concen: 1.645 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW031066.D
 Acq: 20 Nov 2024 11:03

Tgt Ion: 94 Resp: 7437
 Ion Ratio Lower Upper
 94 100
 96 86.9 62.6 116.3

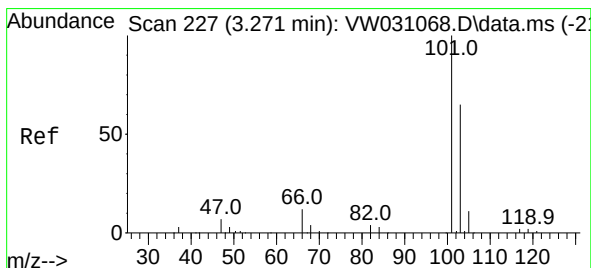
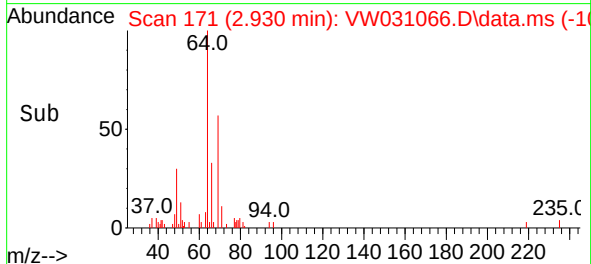
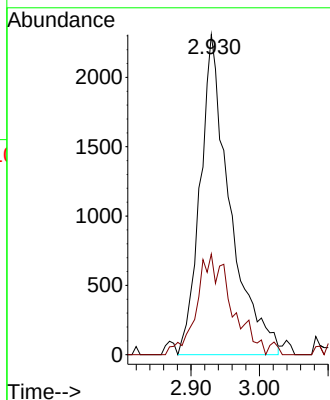
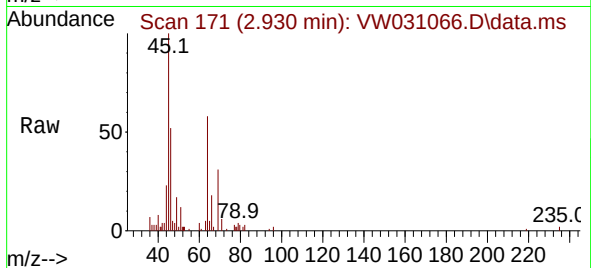




#8
Chloroethane
Concen: 1.792 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

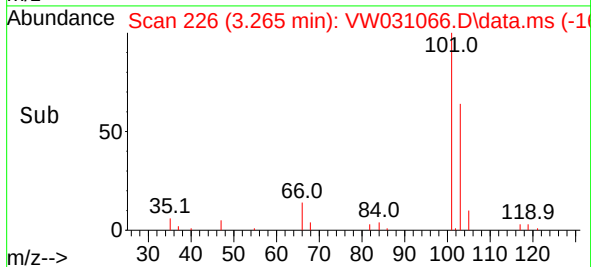
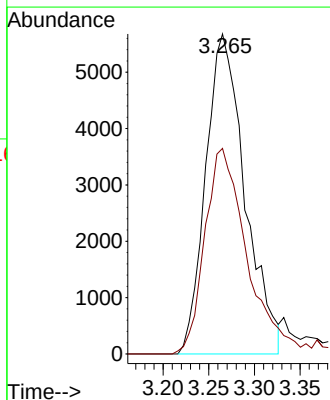
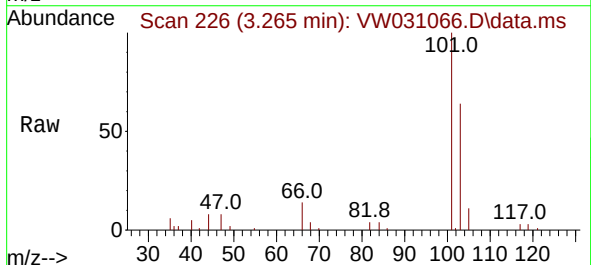
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ClientSampleId :

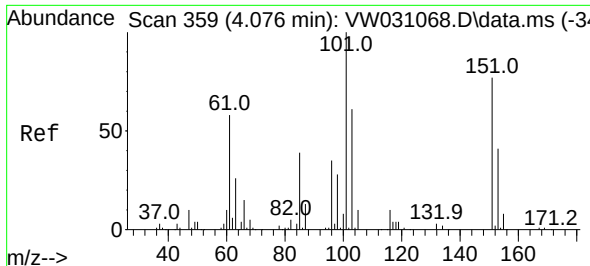
Tgt Ion: 64 Resp: 6957
Ion Ratio Lower Upper
64 100
66 31.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 1.895 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt Ion:101 Resp: 16972
Ion Ratio Lower Upper
101 100
103 69.0 50.7 76.1





#10

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

Concen: 0.061 ug/L

RT: 4.192 min Scan# 31

Delta R.T. 0.116 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :

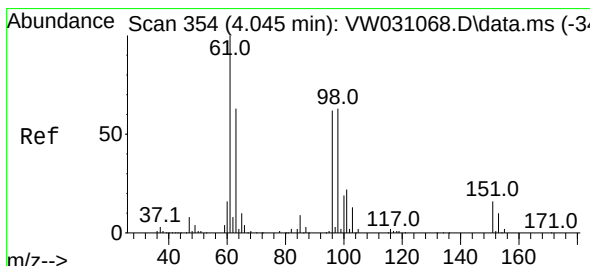
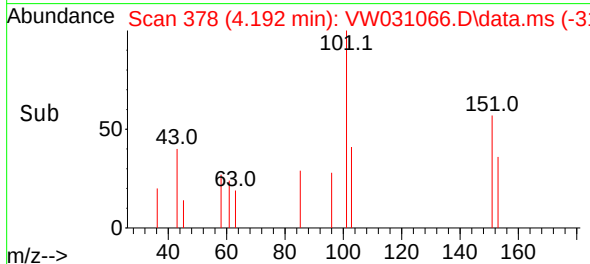
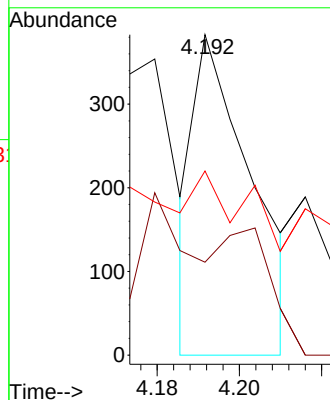
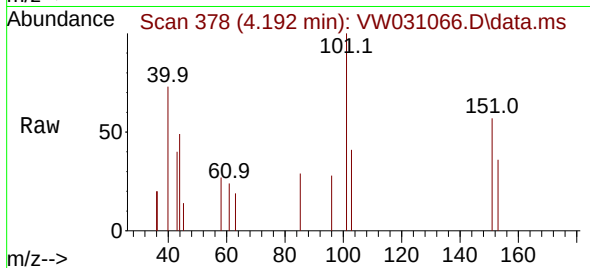
Tgt Ion:101 Resp: 370

Ion Ratio Lower Upper

101 100

85 34.6 33.9 50.9

151 69.7 61.8 92.6



#12

1,1-Dichloroethene

Concen: 0.036 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.085 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

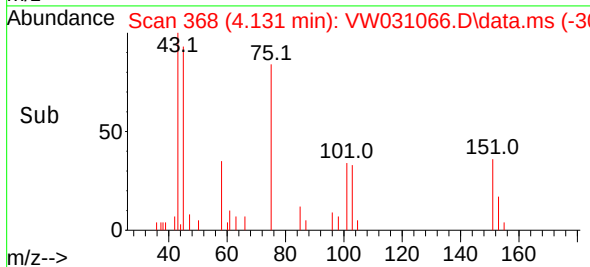
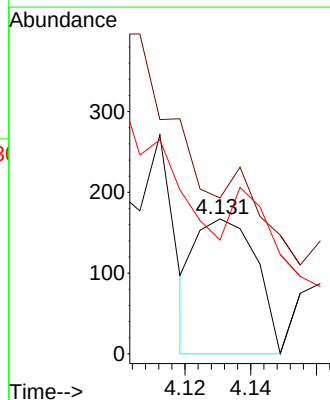
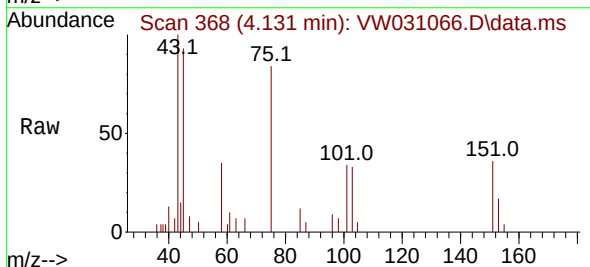
Tgt Ion: 96 Resp: 214

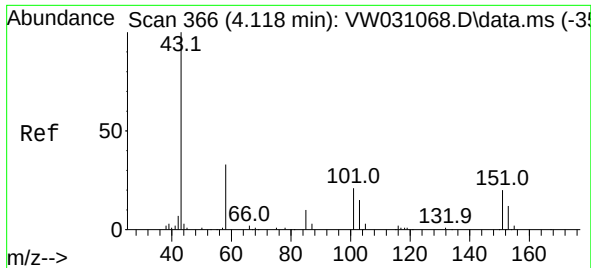
Ion Ratio Lower Upper

96 100

61 115.6 113.5 210.9

63 84.4 73.8 137.2

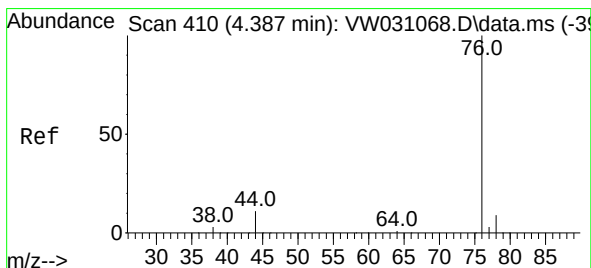
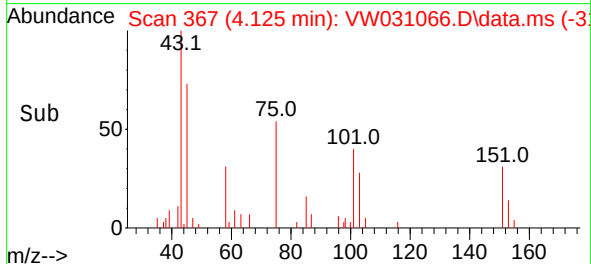
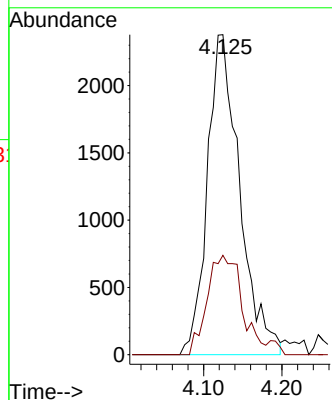
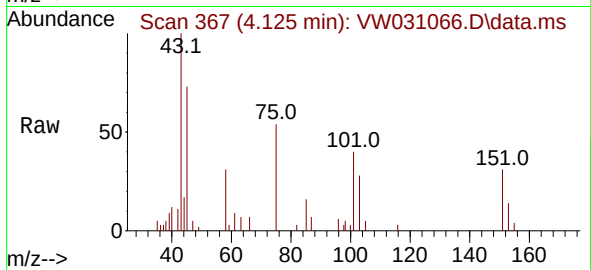




#13
Acetone
Concen: 4.305 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW031066.D
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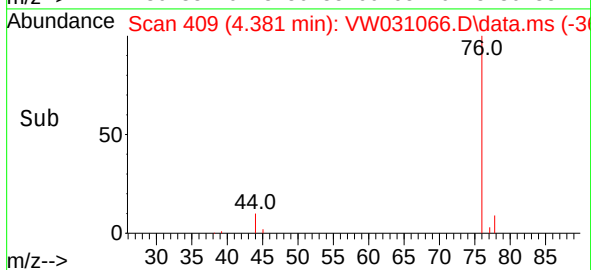
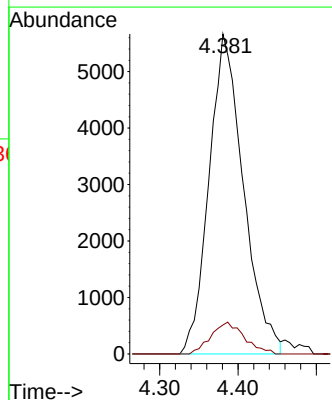
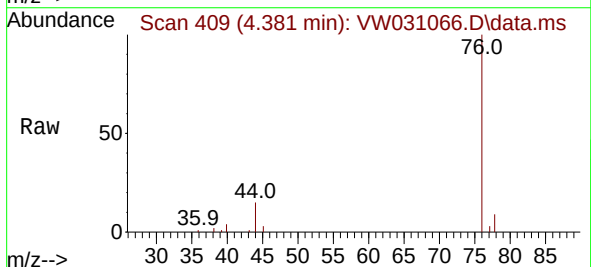
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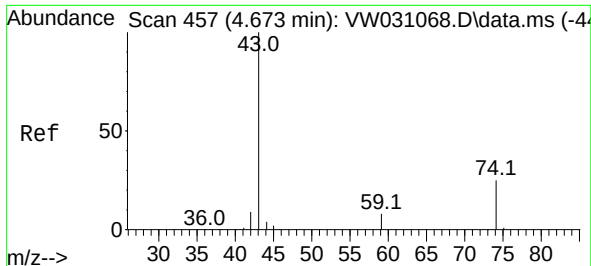
Tgt Ion: 43 Resp: 6814
Ion Ratio Lower Upper
43 100
58 20.6 0.0 67.2



#14
Carbon disulfide
Concen: 0.903 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt Ion: 76 Resp: 17275
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 2.780 ug/L

RT: 4.679 min Scan# 457

Delta R.T. 0.006 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

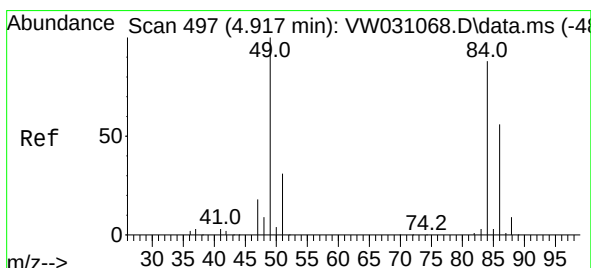
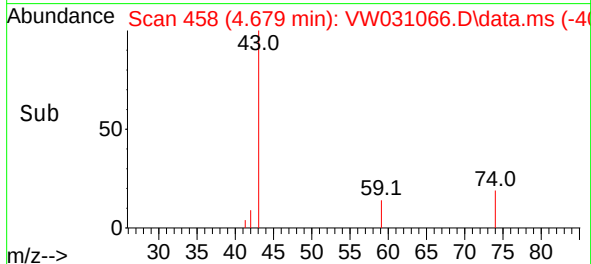
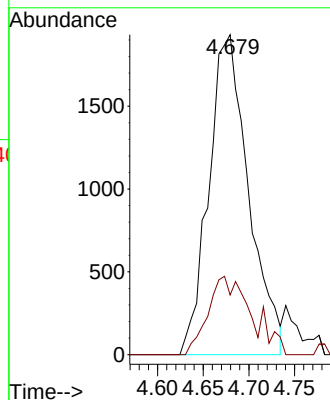
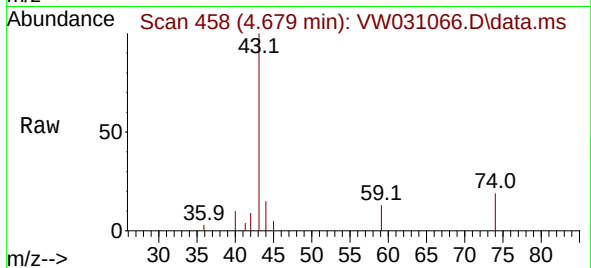
ClientSampleId :

Tgt Ion: 43 Resp: 5846

Ion Ratio Lower Upper

43 100

74 13.9 20.8 31.2#



#16

Methylene chloride

Concen: 1.994 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

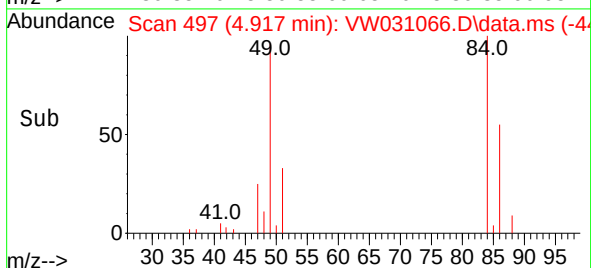
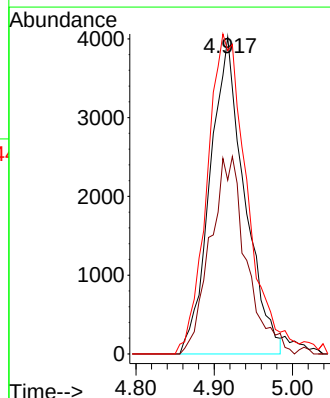
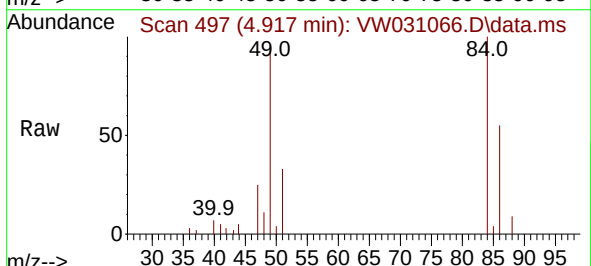
Tgt Ion: 84 Resp: 12296

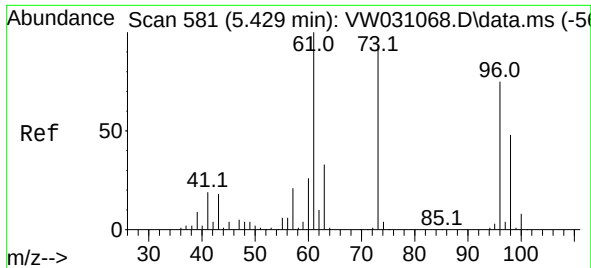
Ion Ratio Lower Upper

84 100

86 54.8 44.9 83.5

49 95.7 79.9 148.5

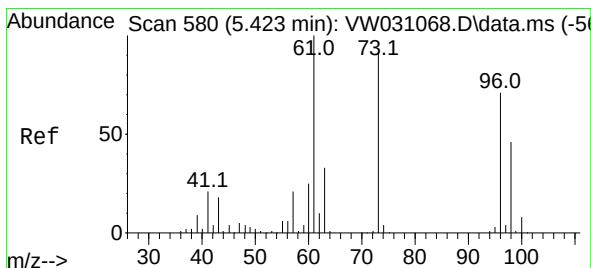
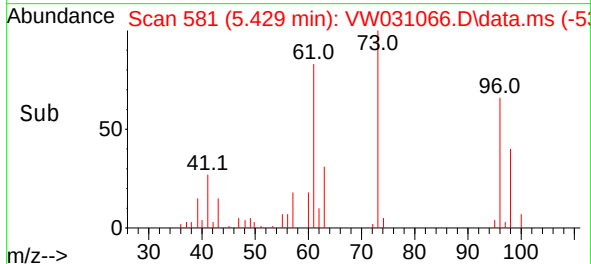
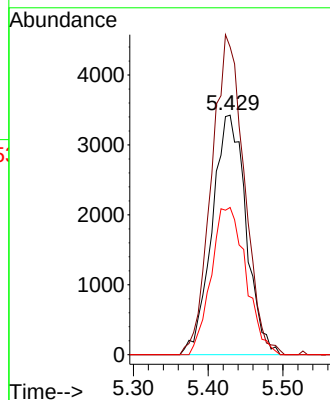
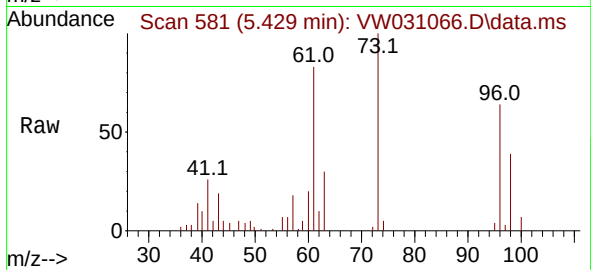




#17
trans-1,2-Dichloroethene
Concen: 1.688 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

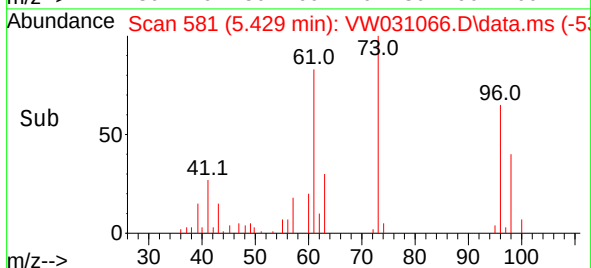
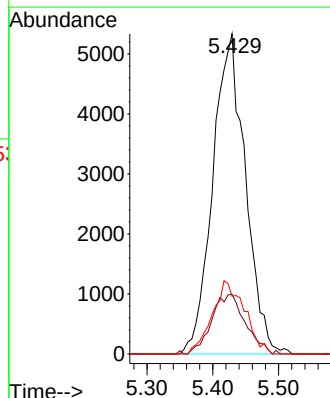
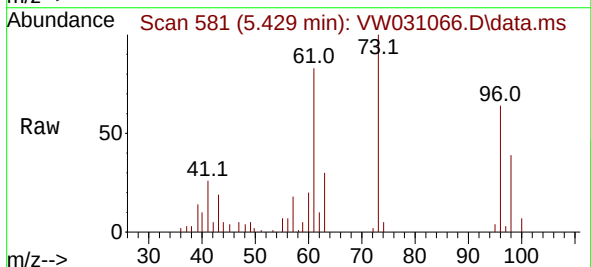
Instrument :
MSVOA_W
ClientSampleId :

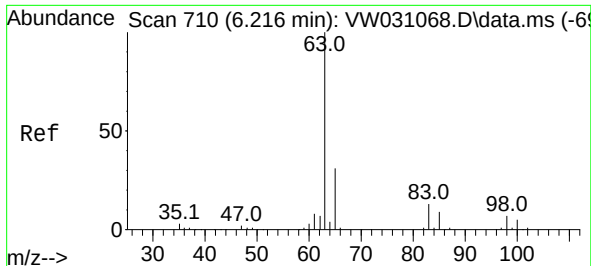
Tgt Ion: 96 Resp: 10812
Ion Ratio Lower Upper
96 100
61 128.5 92.7 172.3
98 61.4 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 1.990 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt Ion: 73 Resp: 18358
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.0
57 14.0 17.6 26.4#





#19

1,1-Dichloroethane

Concen: 2.139 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :

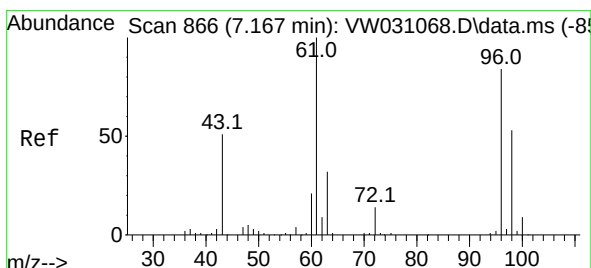
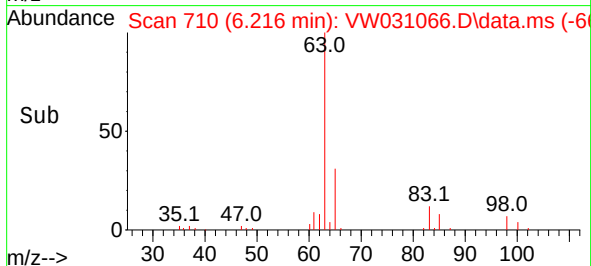
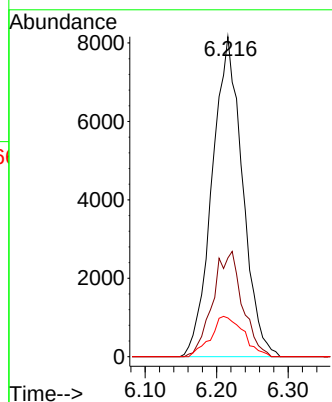
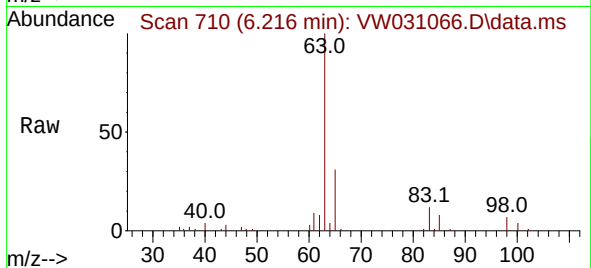
Tgt Ion: 63 Resp: 24007

Ion Ratio Lower Upper

63 100

65 30.8 21.7 40.3

83 12.1 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 1.866 ug/L

RT: 7.161 min Scan# 865

Delta R.T. -0.006 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

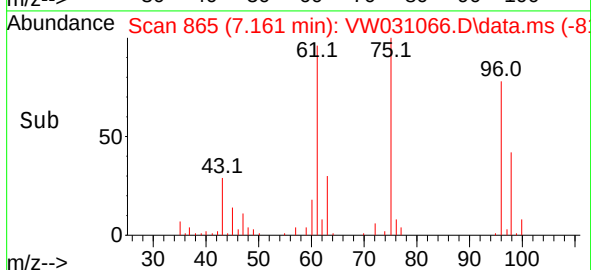
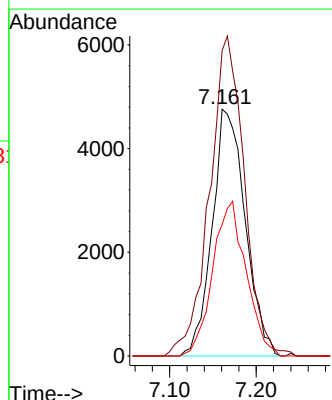
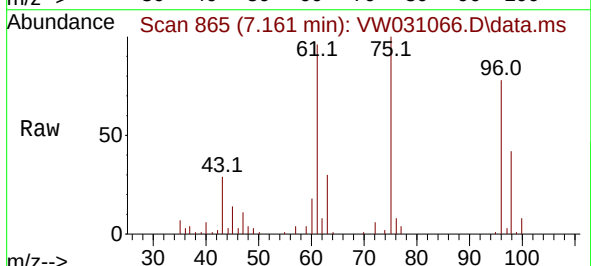
Tgt Ion: 96 Resp: 12604

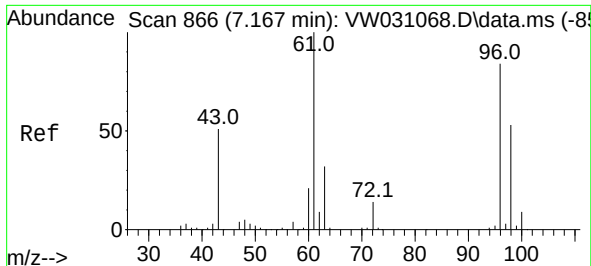
Ion Ratio Lower Upper

96 100

61 123.7 83.7 155.5

98 53.3 43.9 81.5





#22

2-Butanone

Concen: 3.865 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

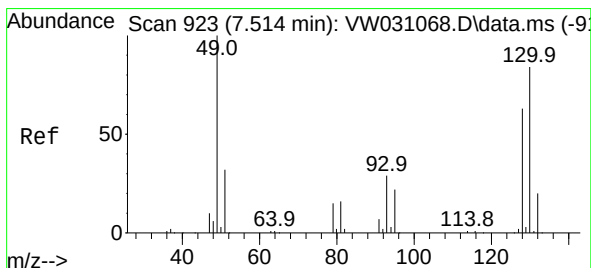
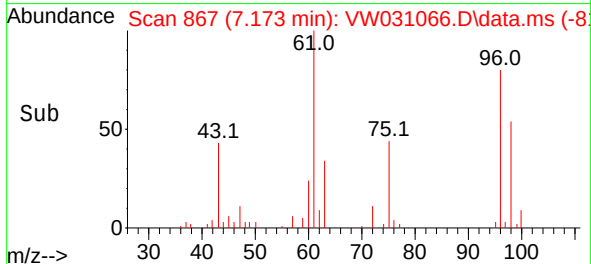
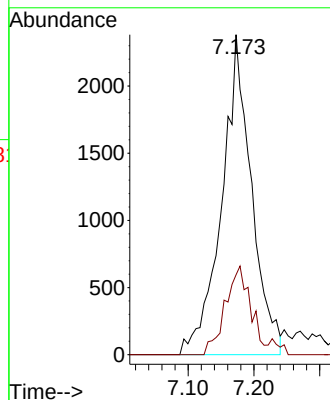
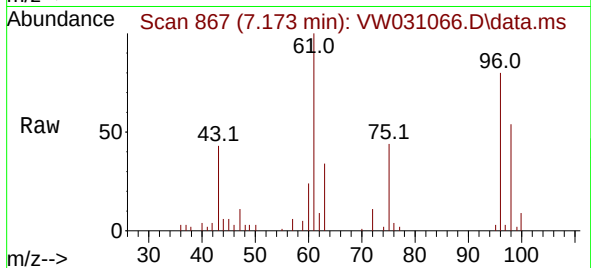
ClientSampleId :

Tgt Ion: 43 Resp: 7503

Ion Ratio Lower Upper

43 100

72 23.4 14.9 44.7



#23

Bromochloromethane

Concen: 1.999 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Tgt Ion: 128 Resp: 6051

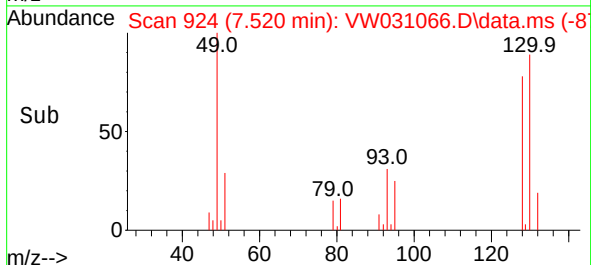
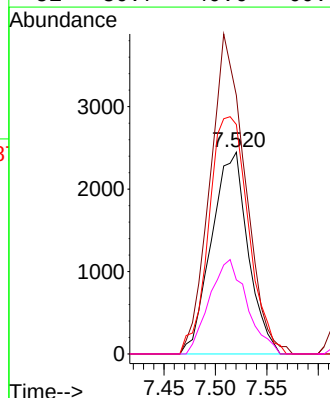
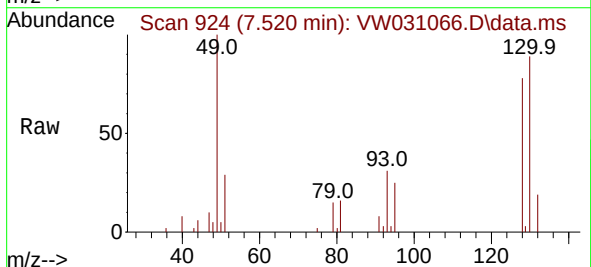
Ion Ratio Lower Upper

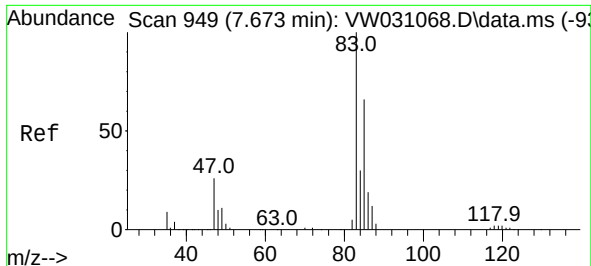
128 100

49 128.2 110.9 206.1

130 113.7 93.7 173.9

51 36.7 40.6 60.8#





#25

Chloroform

Concen: 2.226 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

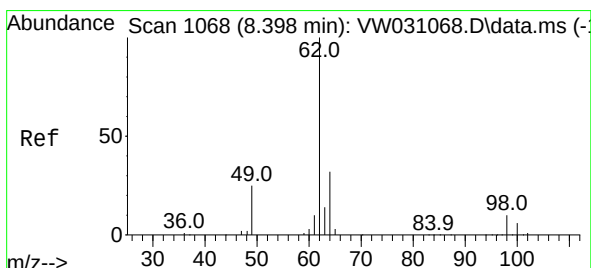
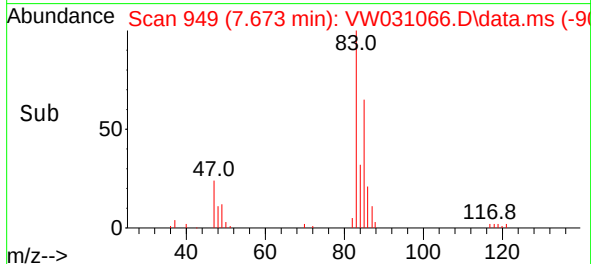
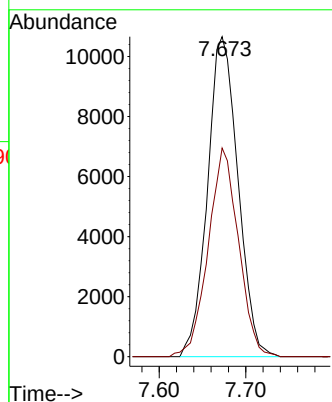
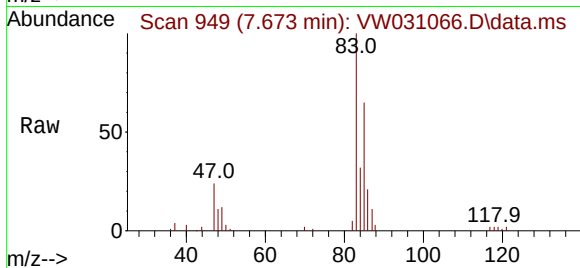
ClientSampleId :

Tgt Ion: 83 Resp: 26111

Ion Ratio Lower Upper

83 100

85 65.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 2.175 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW031066.D

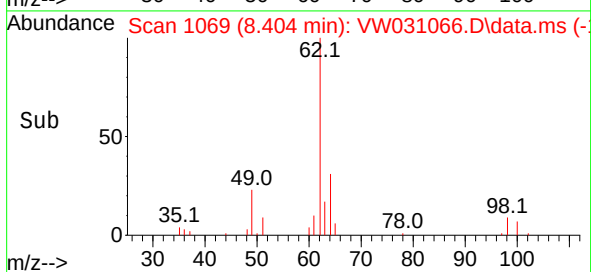
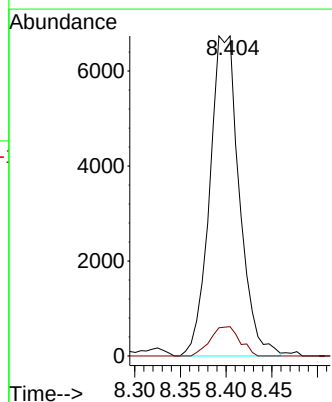
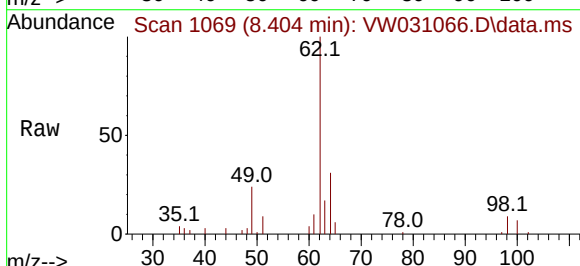
Acq: 20 Nov 2024 11:03

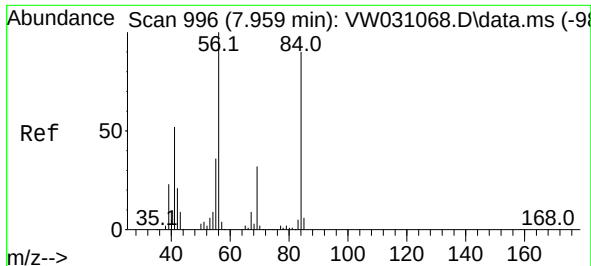
Tgt Ion: 62 Resp: 15202

Ion Ratio Lower Upper

62 100

98 9.1 7.7 11.5





#29

Cyclohexane

Concen: 1.328 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

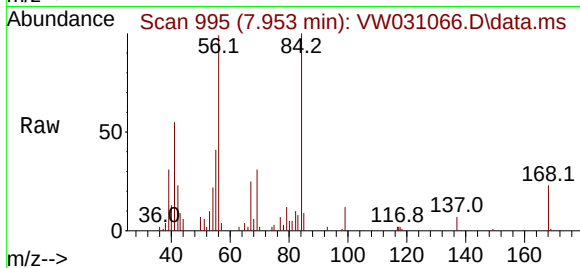
Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :



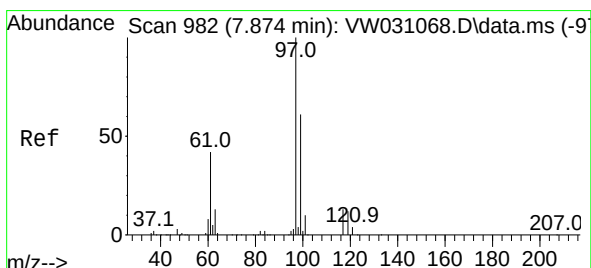
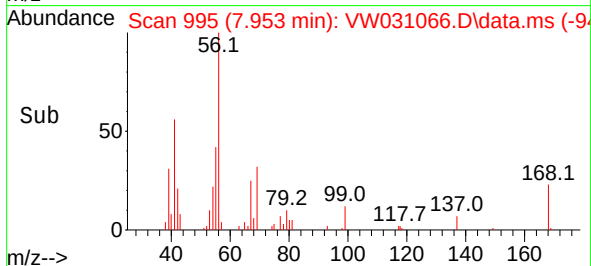
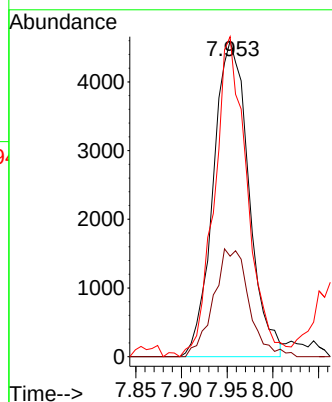
Tgt Ion: 56 Resp: 12381

Ion Ratio Lower Upper

56 100

69 18.0 25.4 38.2#

84 94.0 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 2.186 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

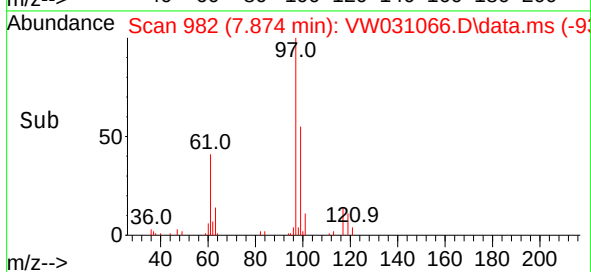
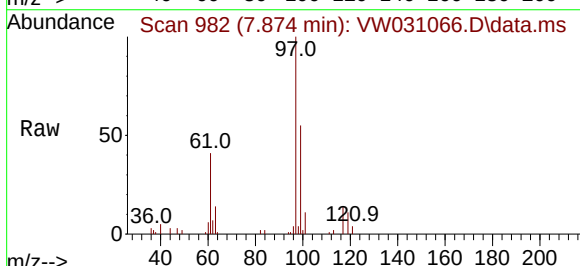
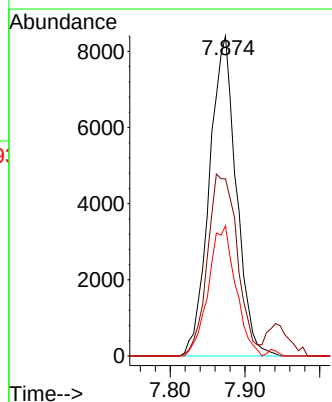
Tgt Ion: 97 Resp: 21129

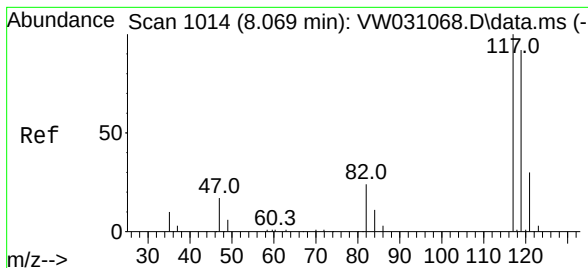
Ion Ratio Lower Upper

97 100

99 62.7 51.6 77.4

61 41.2 33.8 50.6





#31

Carbon tetrachloride

Concen: 2.072 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

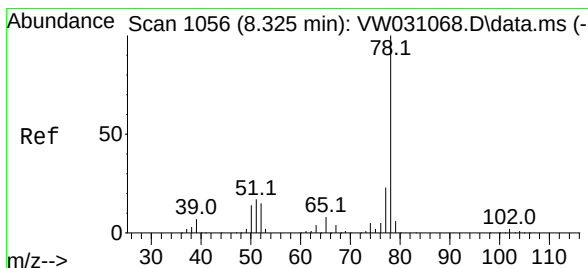
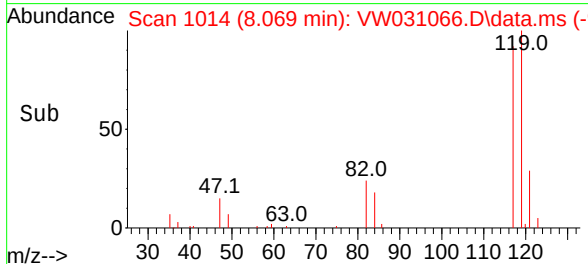
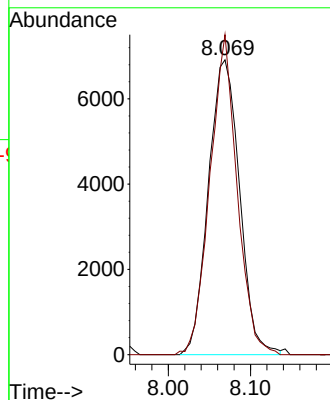
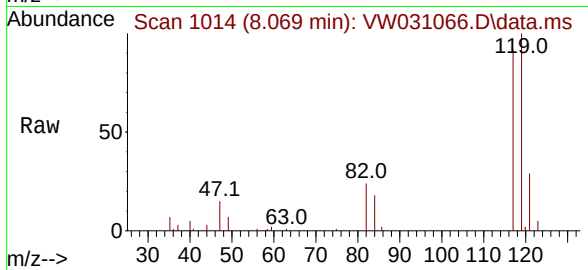
ClientSampleId :

Tgt Ion:117 Resp: 18214

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8



#33

Benzene

Concen: 1.898 ug/L

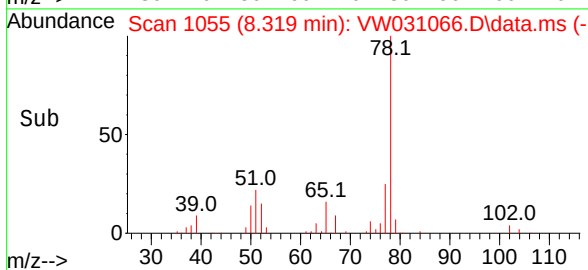
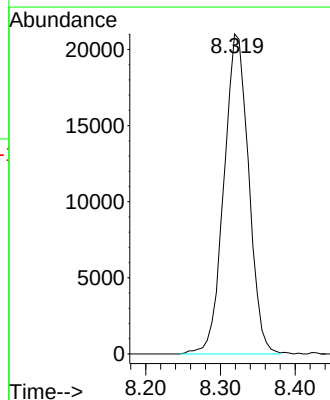
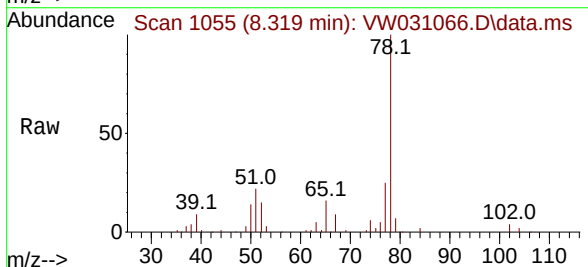
RT: 8.319 min Scan# 1055

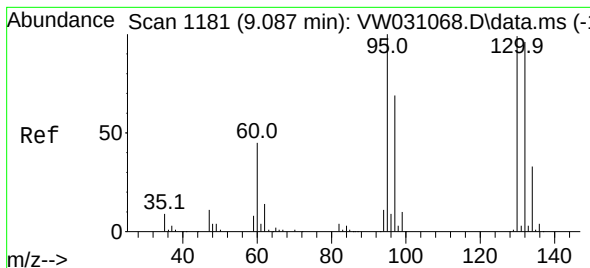
Delta R.T. -0.006 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Tgt Ion: 78 Resp: 48421





#34

Trichloroethene

Concen: 2.037 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 14073

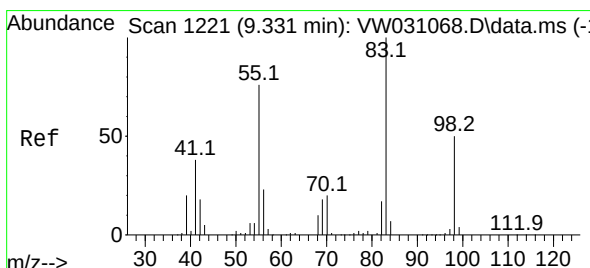
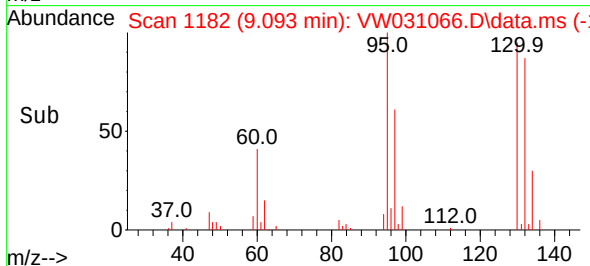
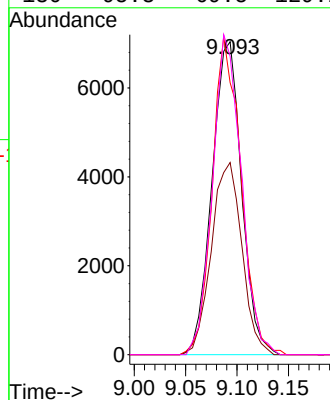
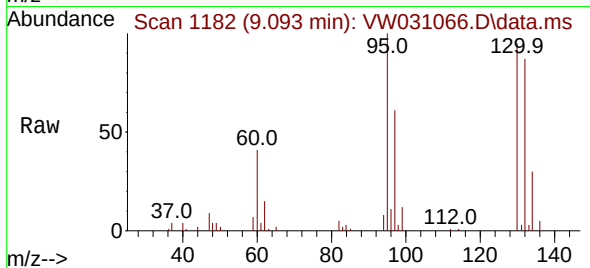
Ion Ratio Lower Upper

95 100

97 61.4 48.0 89.2

132 86.9 67.4 125.2

130 95.3 69.5 129.1



#35

Methylcyclohexane

Concen: 1.476 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

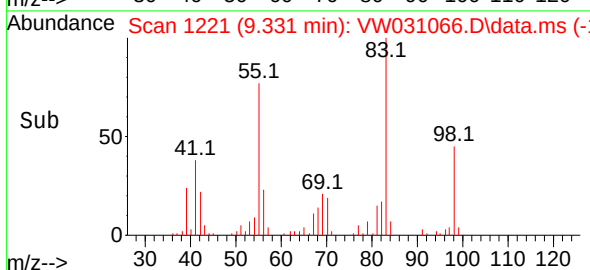
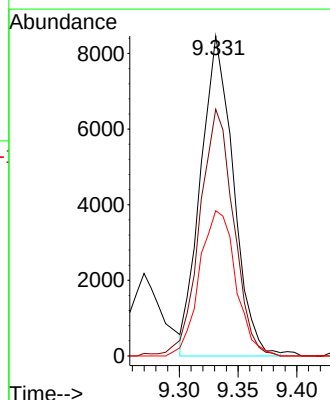
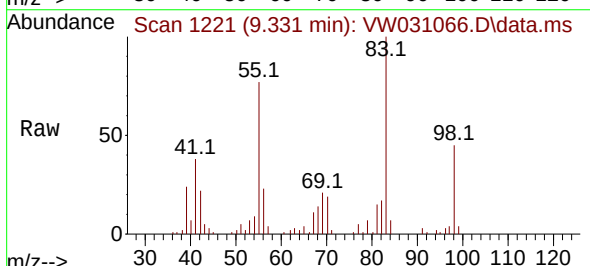
Tgt Ion: 83 Resp: 16393

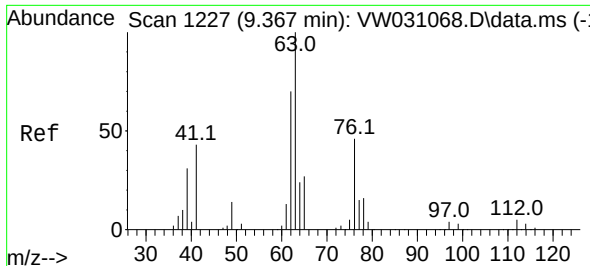
Ion Ratio Lower Upper

83 100

55 79.6 59.5 89.3

98 50.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 2.031 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

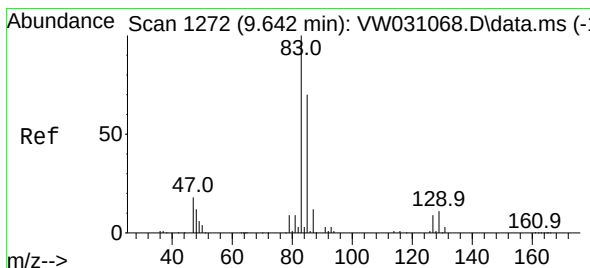
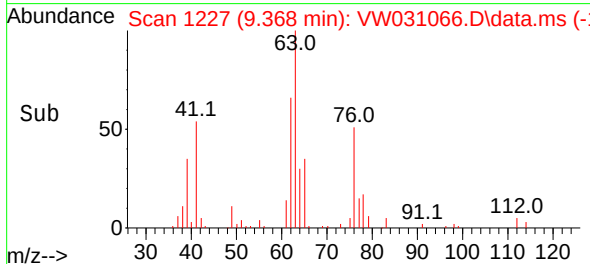
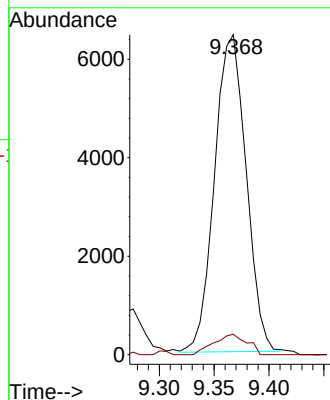
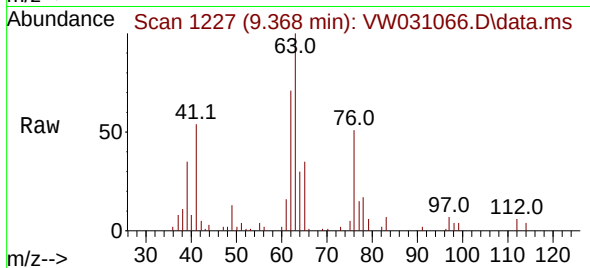
ClientSampleId :

Tgt Ion: 63 Resp: 12914

Ion Ratio Lower Upper

63 100

112 6.7 3.9 5.9#



#38

Bromodichloromethane

Concen: 2.208 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

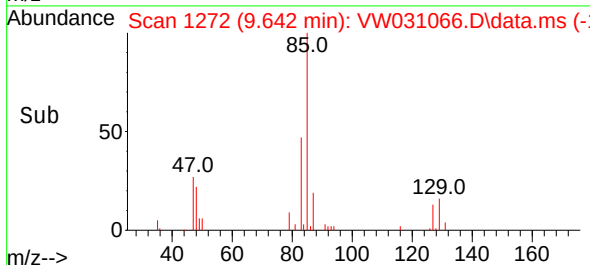
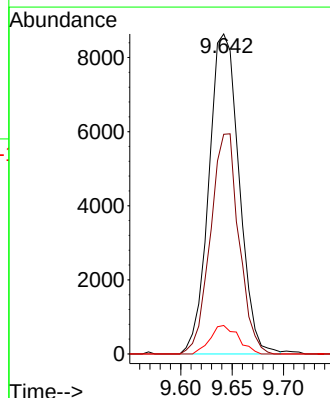
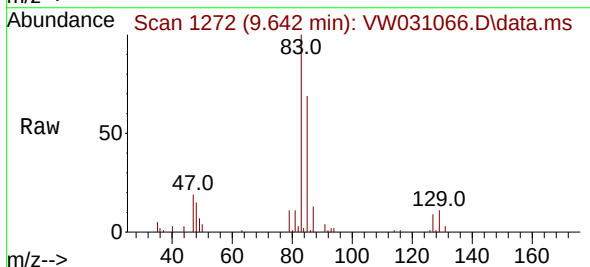
Tgt Ion: 83 Resp: 17669

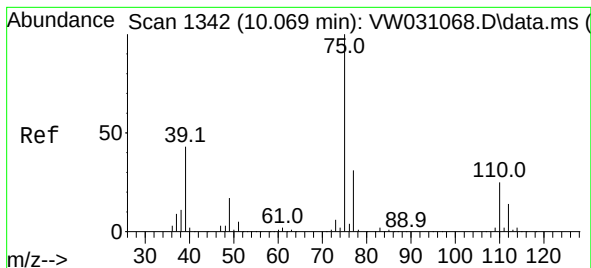
Ion Ratio Lower Upper

83 100

85 68.7 48.7 90.5

127 8.9 7.2 10.8

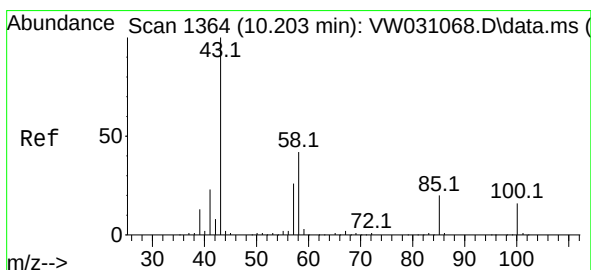
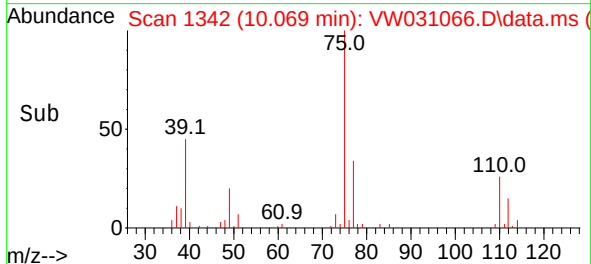
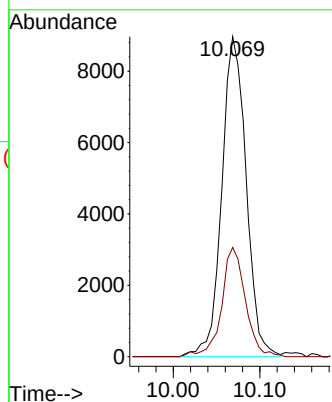
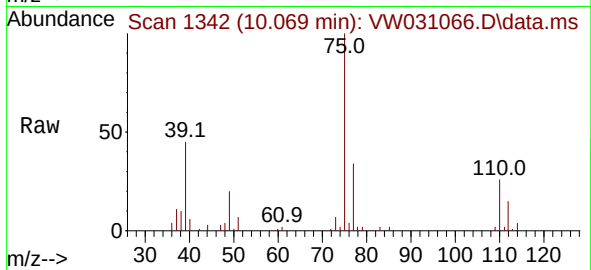




#39
cis-1,3-Dichloropropene
Concen: 1.829 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

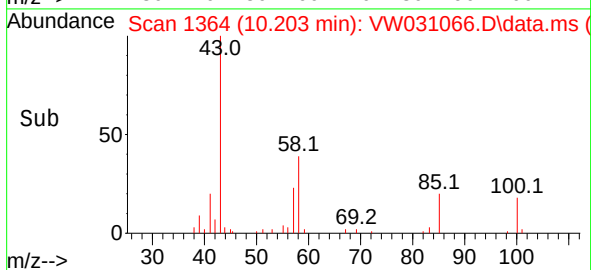
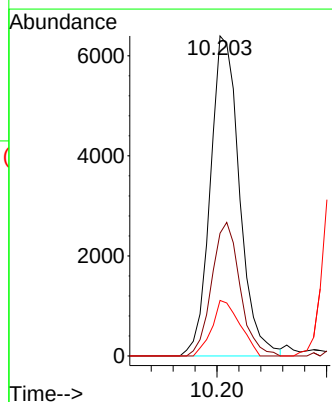
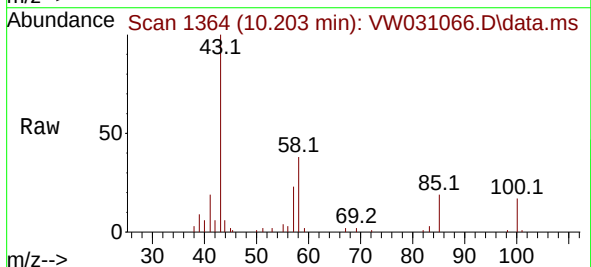
Instrument :
MSVOA_W
ClientSampleId :

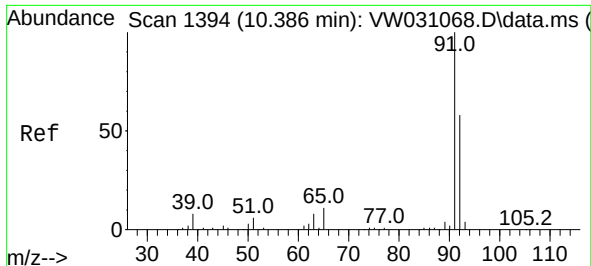
Tgt Ion: 75 Resp: 17534
Ion Ratio Lower Upper
75 100
77 34.1 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 3.953 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt Ion: 43 Resp: 11829
Ion Ratio Lower Upper
43 100
58 40.4 33.7 50.5
100 16.6 14.2 21.2





#42

Toluene

Concen: 1.848 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

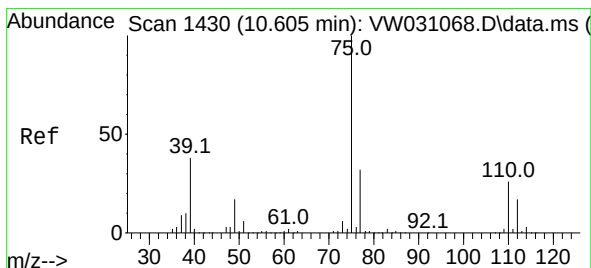
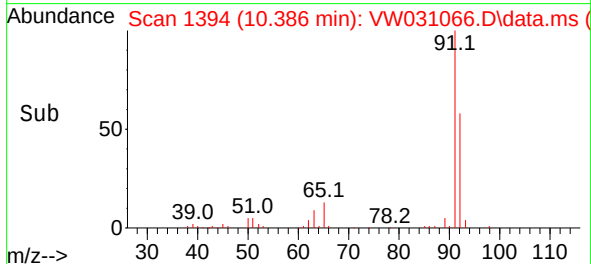
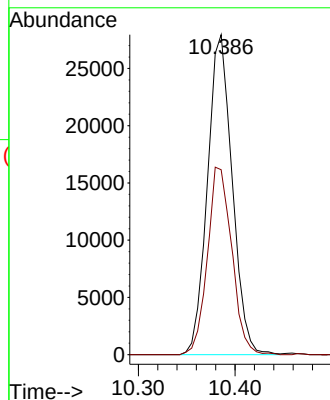
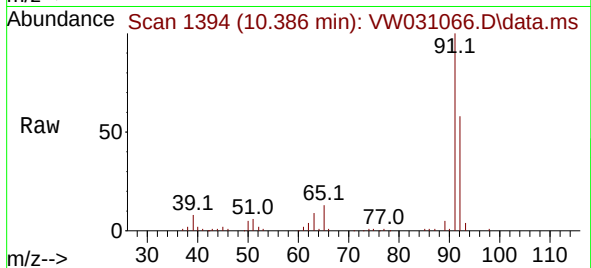
ClientSampleId :

Tgt Ion: 91 Resp: 49770

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 1.902 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031066.D

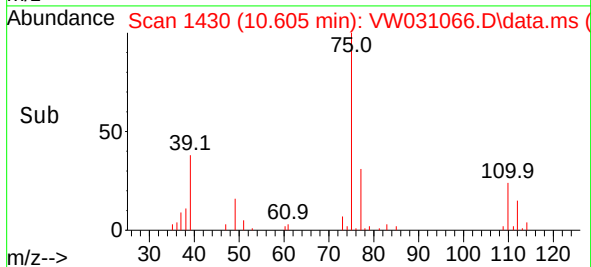
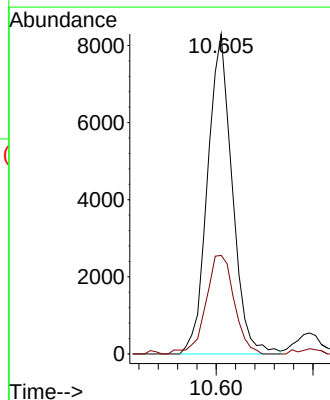
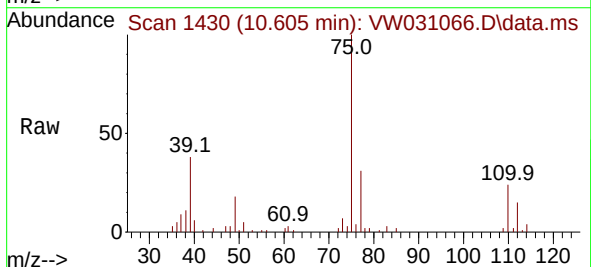
Acq: 20 Nov 2024 11:03

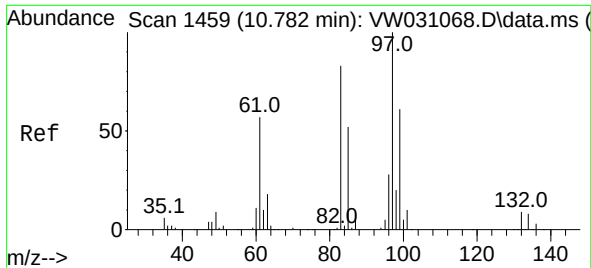
Tgt Ion: 75 Resp: 14717

Ion Ratio Lower Upper

75 100

77 30.8 22.1 41.1

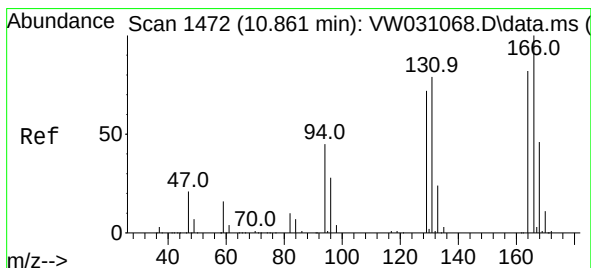
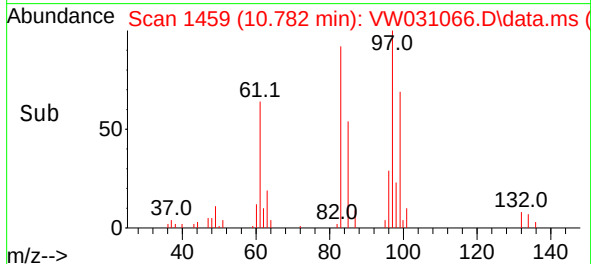
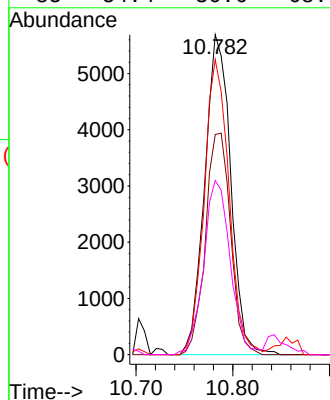
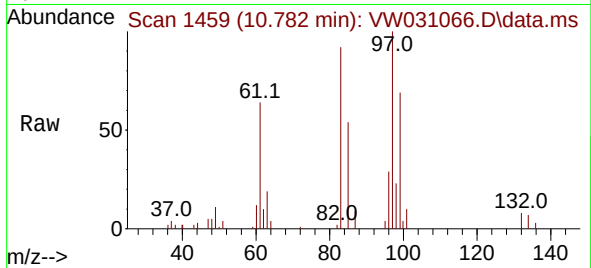




#45
1,1,2-Trichloroethane
Concen: 2.301 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

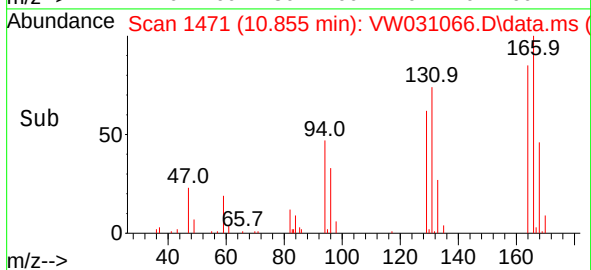
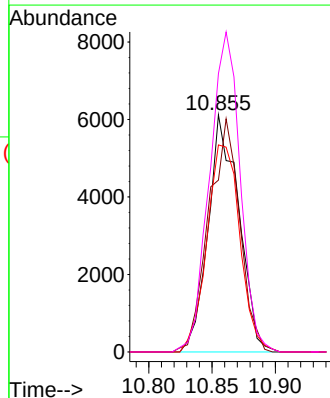
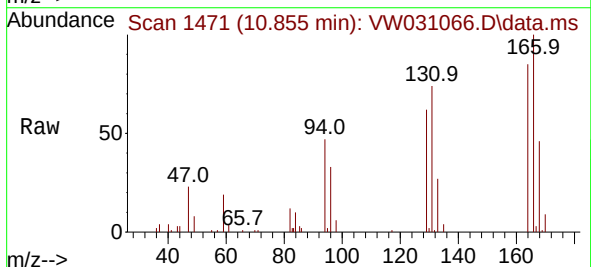
Instrument :
MSVOA_W
ClientSampleId :

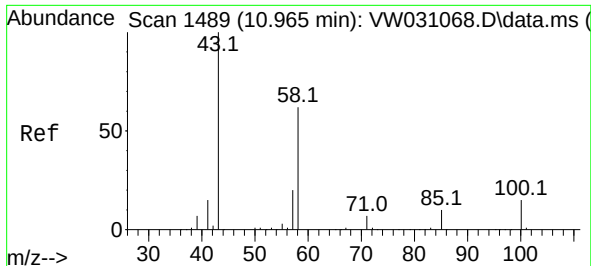
Tgt Ion: 97	Resp: 10645
Ion Ratio	Lower Upper
97 100	
99 68.8	42.4 78.8
83 92.2	57.8 107.4
85 54.4	36.6 68.0



#46
Tetrachloroethene
Concen: 1.864 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt	Ion:164	Resp:	10301
Ion	Ratio	Lower	Upper
164	100		
129	72.5	61.9	114.9
131	87.3	67.9	126.1
166	117.5	85.8	159.3

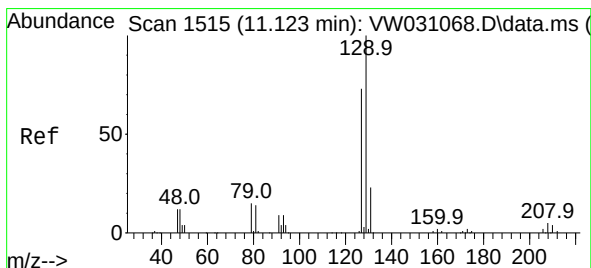
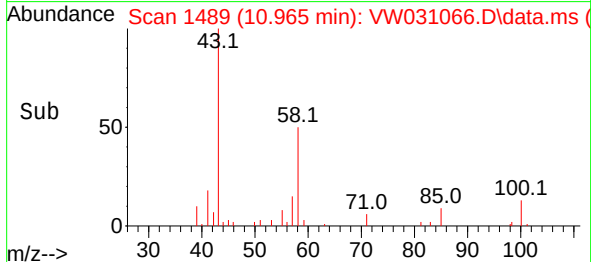
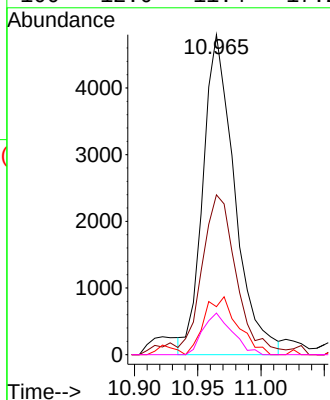
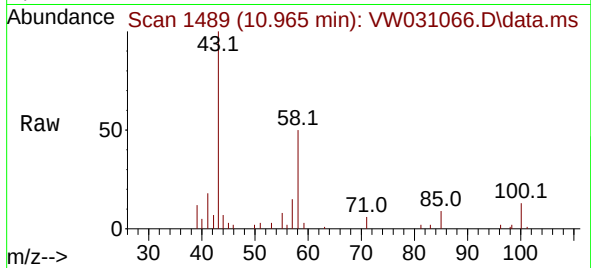




#48
2-Hexanone
Concen: 3.531 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

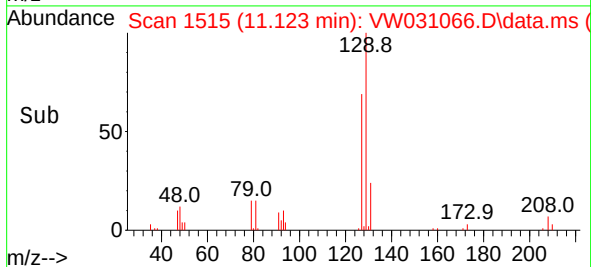
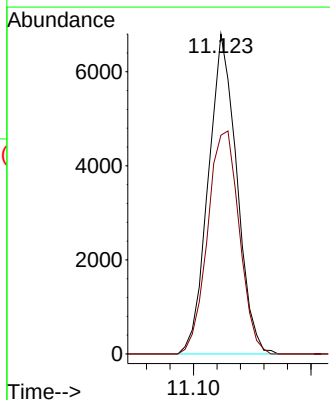
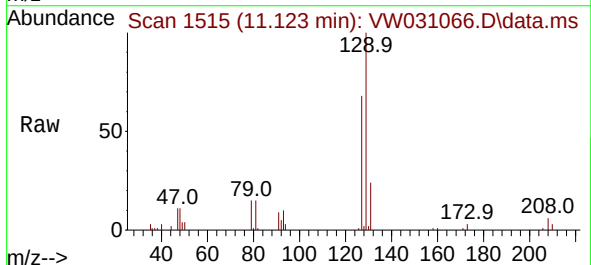
Instrument :
MSVOA_W
ClientSampleId :

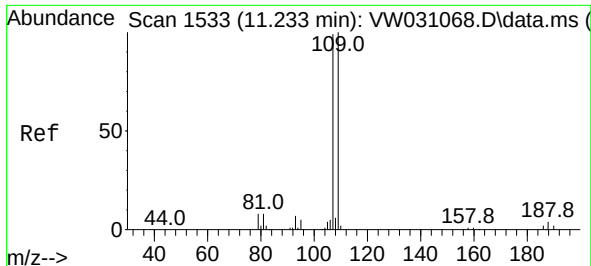
Tgt Ion:	43	Resp:	8353
Ion	Ratio	Lower	Upper
43	100		
58	53.8	49.8	74.6
57	19.2	16.6	24.8
100	12.0	11.4	17.2



#49
Dibromochloromethane
Concen: 2.227 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt Ion:	129	Resp:	11456
Ion	Ratio	Lower	Upper
129	100		
127	68.4	51.4	95.4





#50

1,2-Dibromoethane

Concen: 2.051 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

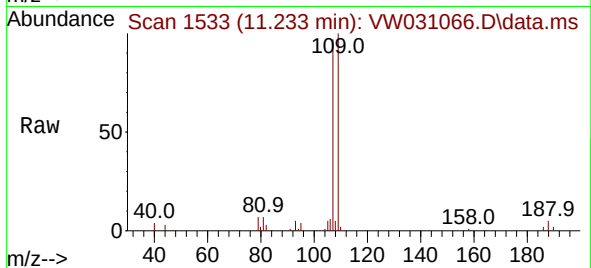
Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :



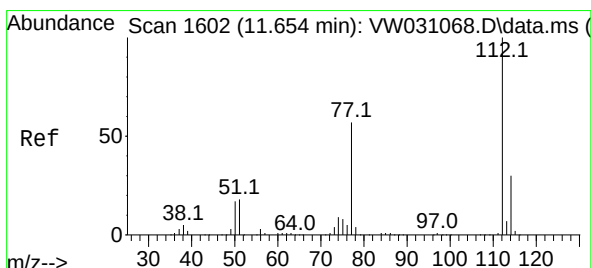
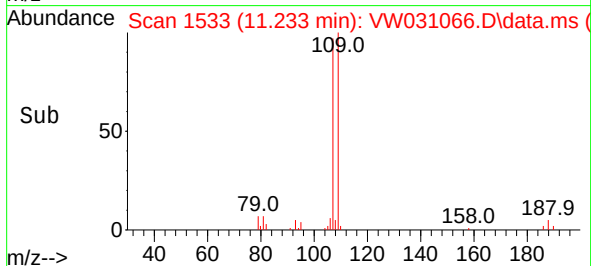
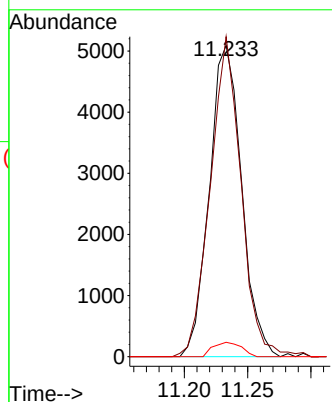
Tgt Ion:107 Resp: 9026

Ion Ratio Lower Upper

107 100

109 102.8 71.0 131.9

188 4.6 3.0 4.4#



#51

Chlorobenzene

Concen: 2.202 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

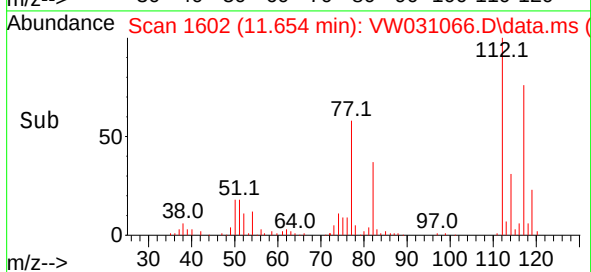
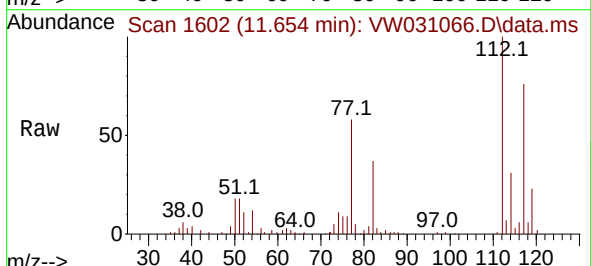
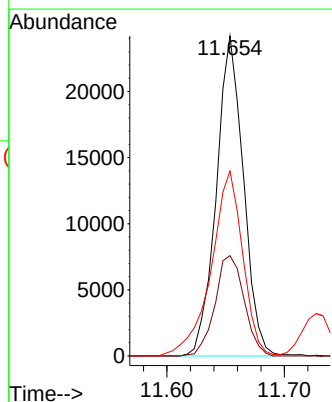
Tgt Ion:112 Resp: 38785

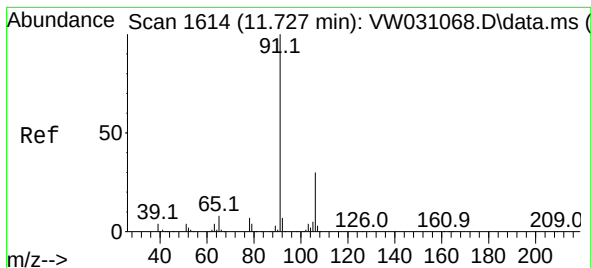
Ion Ratio Lower Upper

112 100

114 31.4 21.2 39.4

77 57.8 45.4 68.0





#52

Ethylbenzene

Concen: 1.950 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

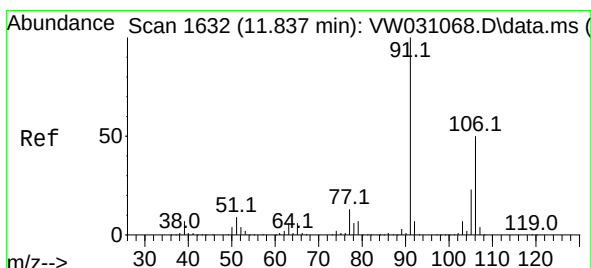
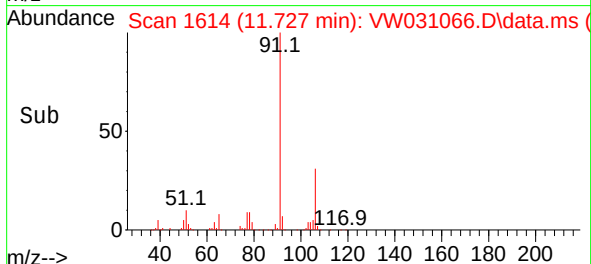
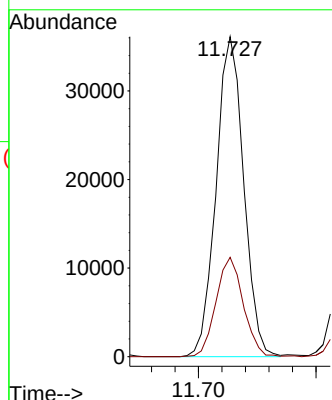
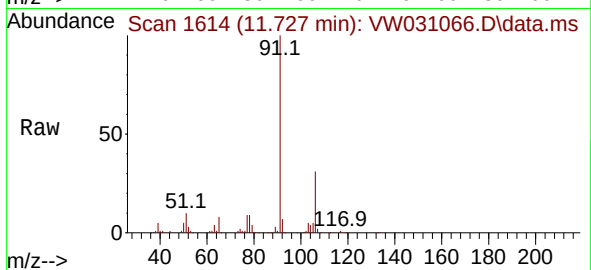
ClientSampleId :

Tgt Ion: 91 Resp: 58885

Ion Ratio Lower Upper

91 100

106 31.0 21.3 39.5



#53

m,p-Xylene

Concen: 1.934 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031066.D

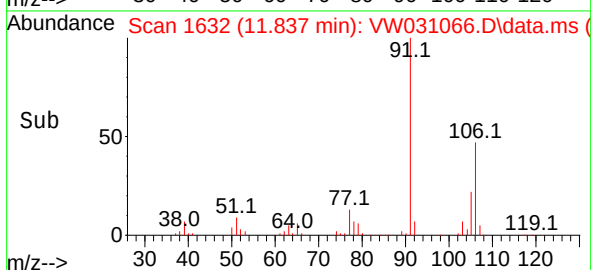
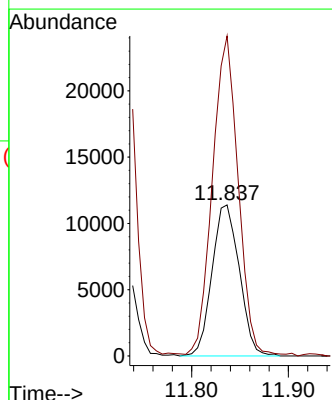
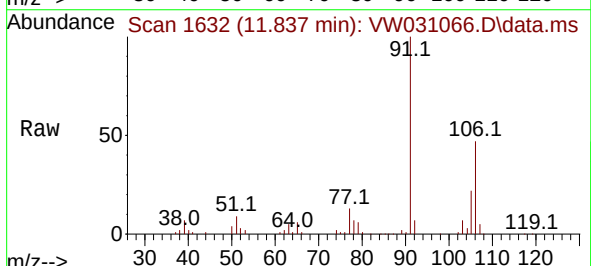
Acq: 20 Nov 2024 11:03

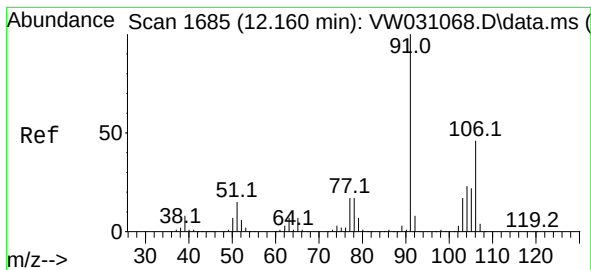
Tgt Ion:106 Resp: 22294

Ion Ratio Lower Upper

106 100

91 211.8 140.9 261.7

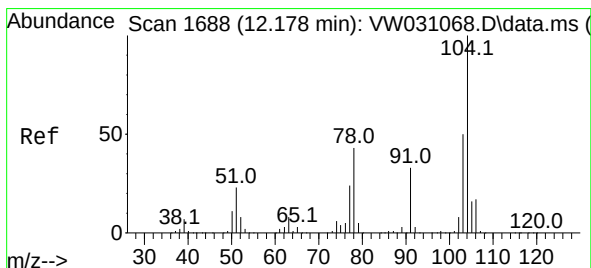
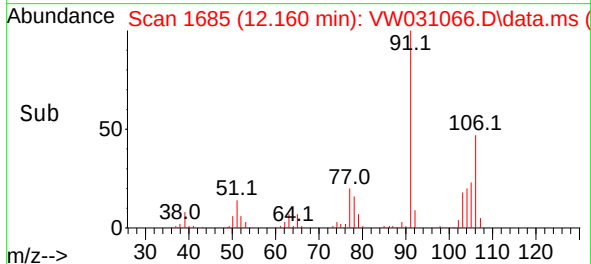
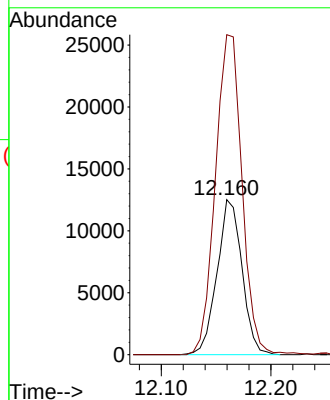
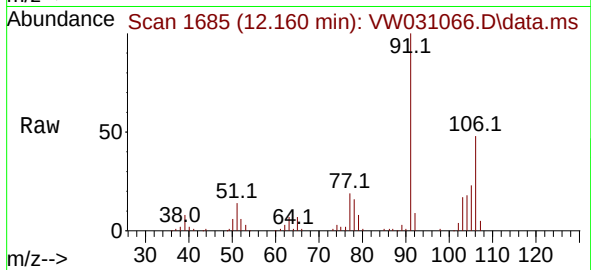




#54
o-Xylene
Concen: 1.830 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

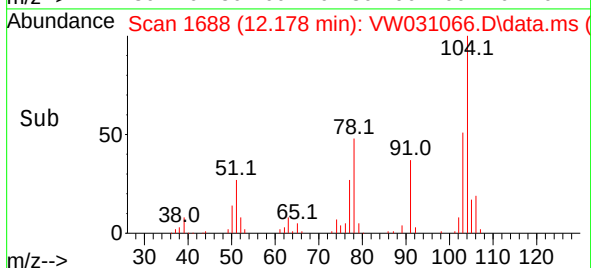
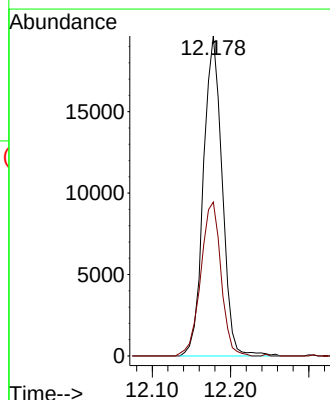
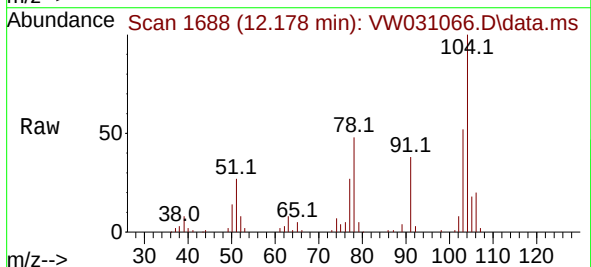
Instrument :
MSVOA_W
ClientSampleId :

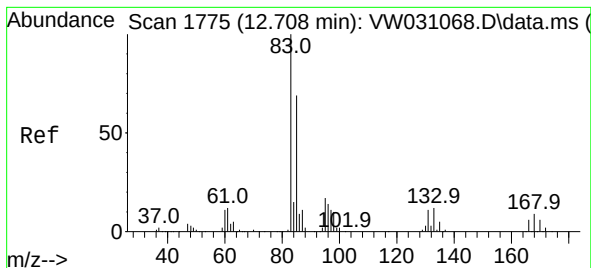
Tgt Ion:106 Resp: 19822
Ion Ratio Lower Upper
106 100
91 206.5 152.7 283.5



#55
Styrene
Concen: 1.773 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt Ion:104 Resp: 32678
Ion Ratio Lower Upper
104 100
78 48.1 30.2 56.0

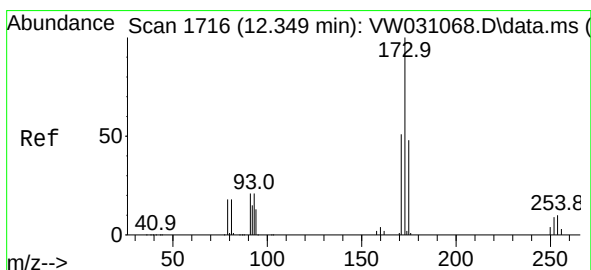
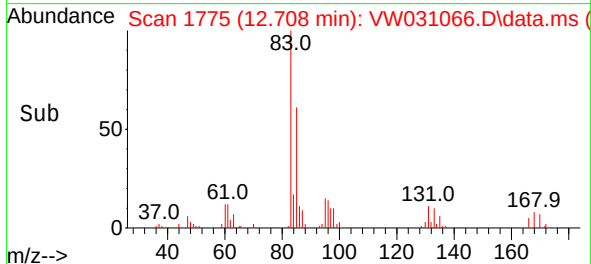
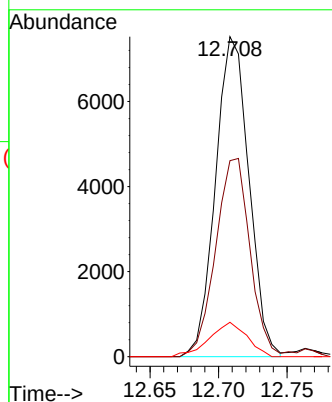
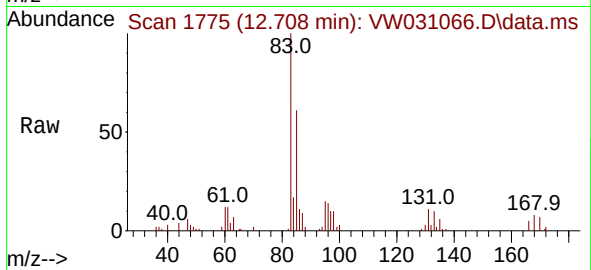




#57
1,1,2,2-Tetrachloroethane
Concen: 2.473 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

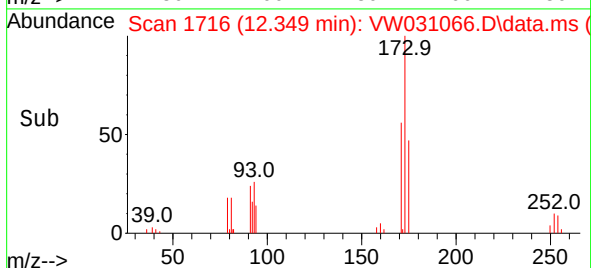
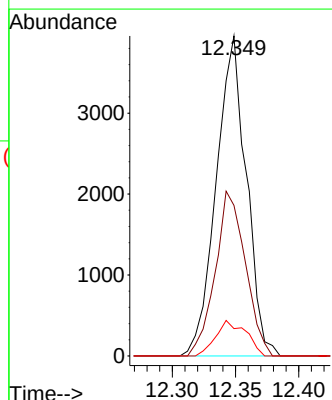
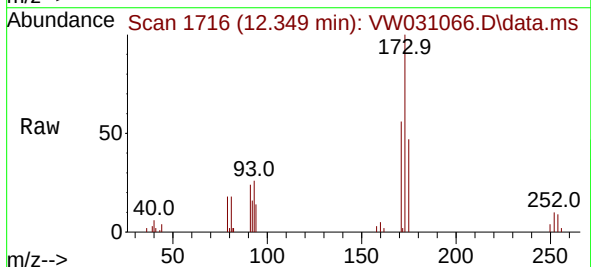
Instrument :
MSVOA_W
ClientSampleId :

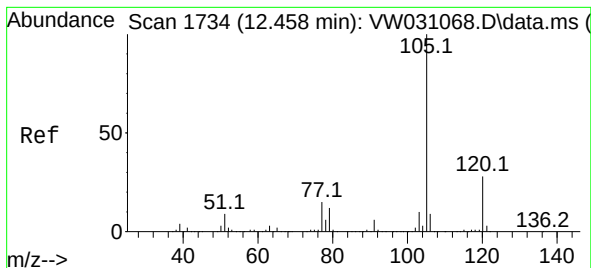
Tgt Ion: 83 Resp: 12757
Ion Ratio Lower Upper
83 100
85 61.2 48.3 89.7
131 10.7 8.9 13.3



#59
Bromoform
Concen: 2.230 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt Ion:173 Resp: 6537
Ion Ratio Lower Upper
173 100
175 51.6 36.6 54.8
254 11.1 7.7 11.5





#60

Isopropylbenzene

Concen: 1.934 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031066.D

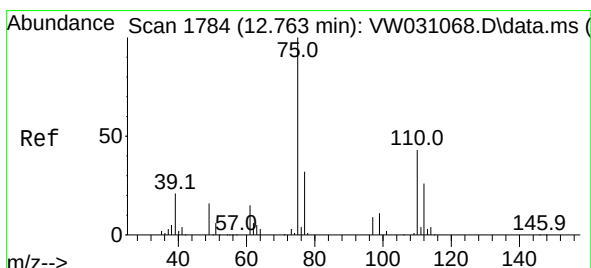
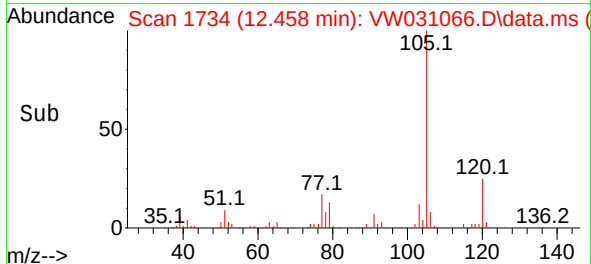
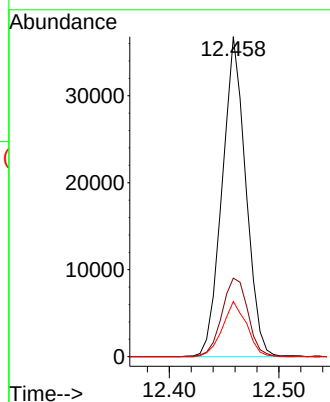
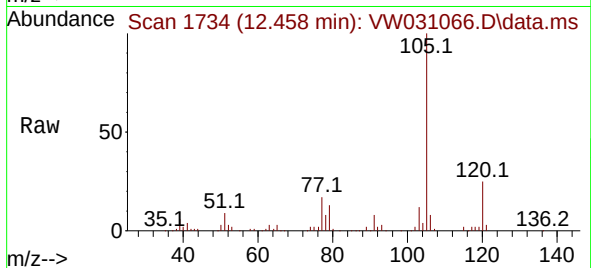
Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105	Resp:	55182
Ion	Ratio	Lower Upper
105	100	
120	27.0	21.5 32.3
77	17.7	12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 2.577 ug/L

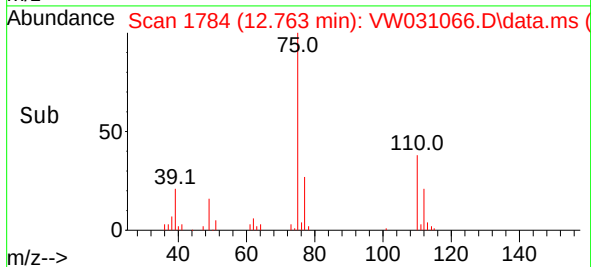
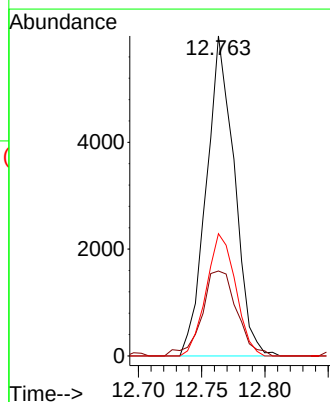
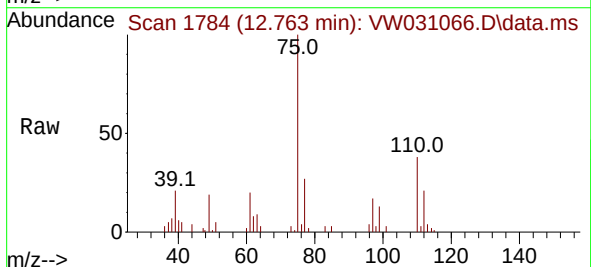
RT: 12.763 min Scan# 1784

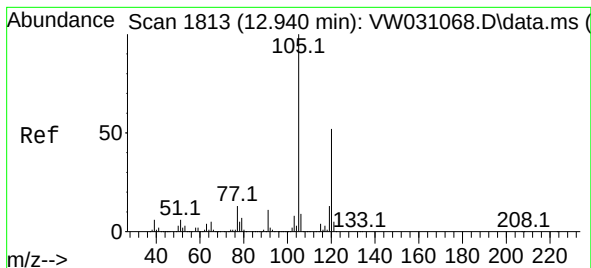
Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Tgt Ion: 75	Resp:	9241
Ion	Ratio	Lower Upper
75	100	
77	32.0	25.4 38.2
110	39.9	33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 1.819 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

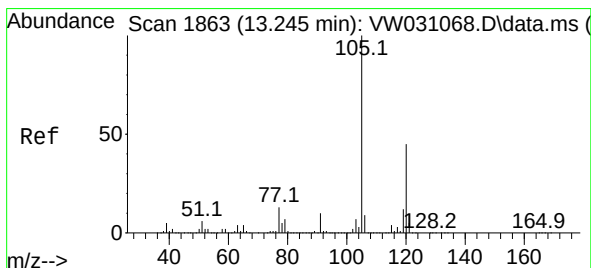
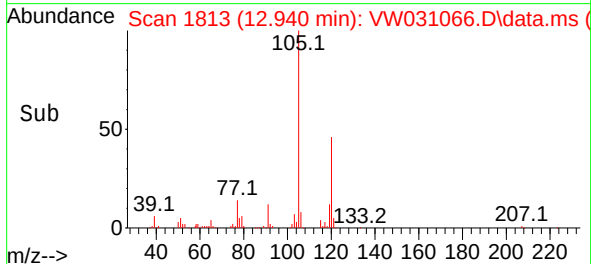
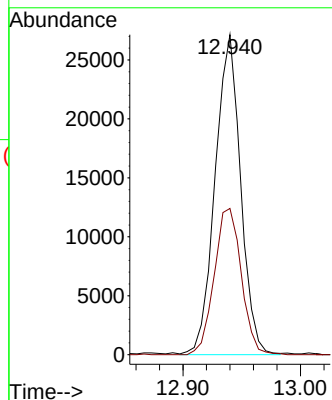
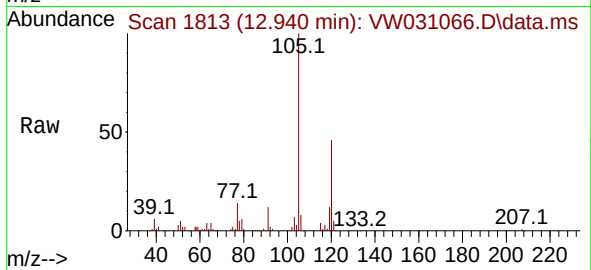
ClientSampleId :

Tgt Ion:105 Resp: 40947

Ion Ratio Lower Upper

105 100

120 48.5 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 1.841 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031066.D

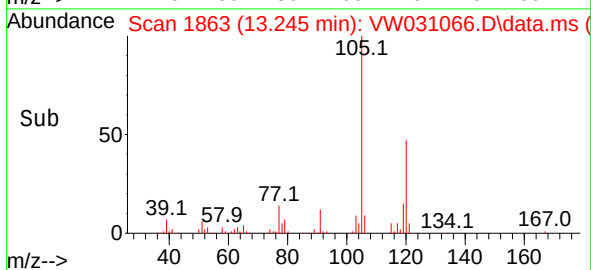
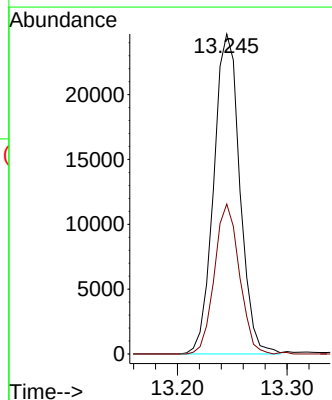
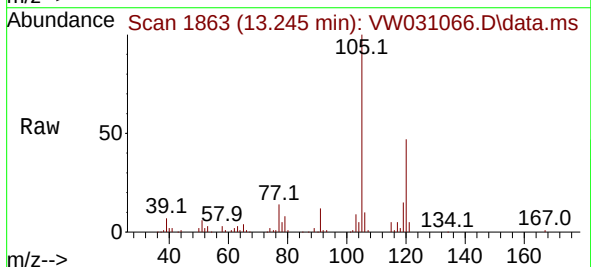
Acq: 20 Nov 2024 11:03

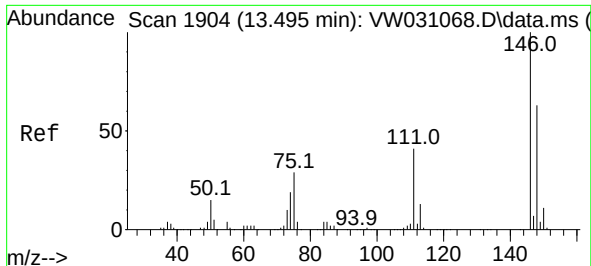
Tgt Ion:105 Resp: 40874

Ion Ratio Lower Upper

105 100

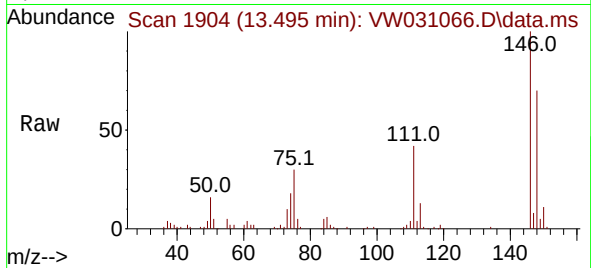
120 44.6 35.4 53.0



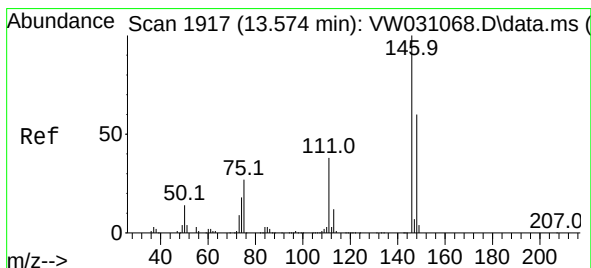
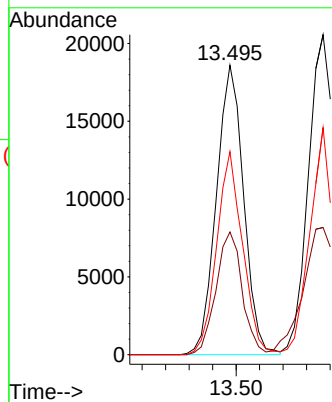
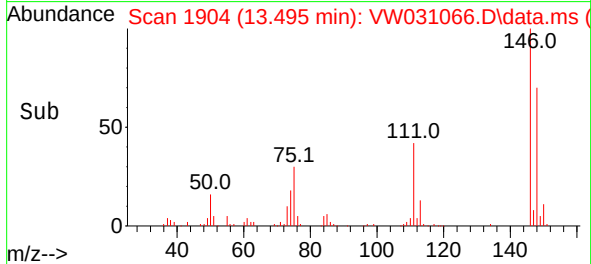


#64
1,3-Dichlorobenzene
Concen: 2.305 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

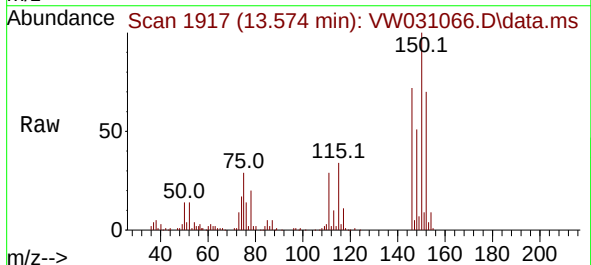
Instrument :
MSVOA_W
ClientSampleId :



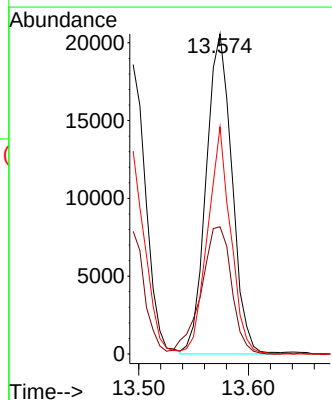
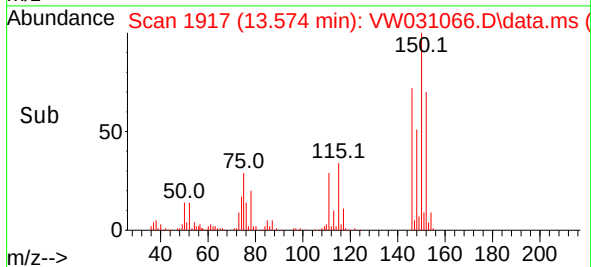
Tgt Ion:146 Resp: 29999
Ion Ratio Lower Upper
146 100
111 42.4 28.5 52.9
148 70.1 44.1 81.9

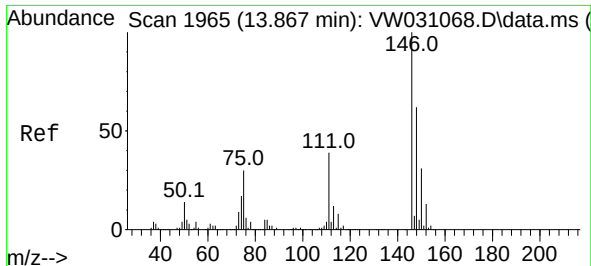


#65
1,4-Dichlorobenzene
Concen: 2.491 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03



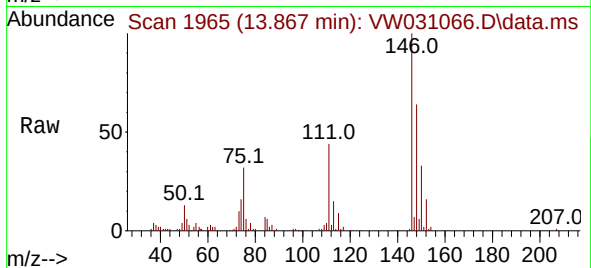
Tgt Ion:146 Resp: 33731
Ion Ratio Lower Upper
146 100
111 39.7 26.6 49.4
148 71.0 42.1 78.1



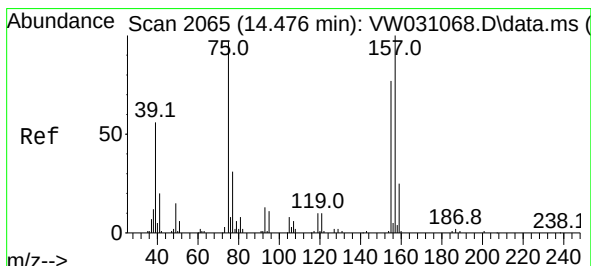
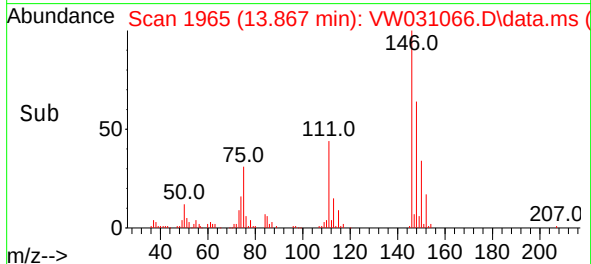
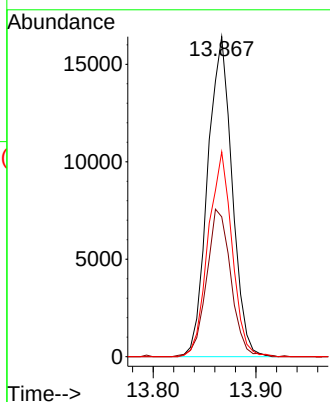


#67
1,2-Dichlorobenzene
Concen: 2.323 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Instrument :
MSVOA_W
ClientSampleId :

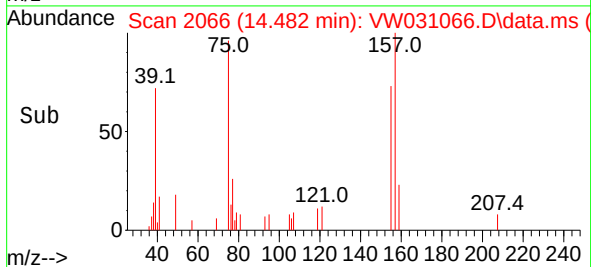
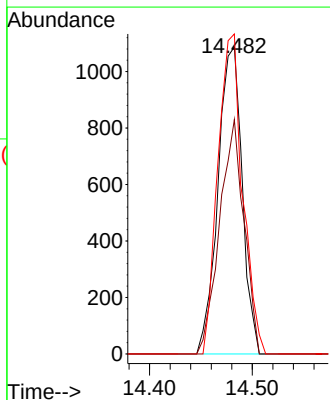
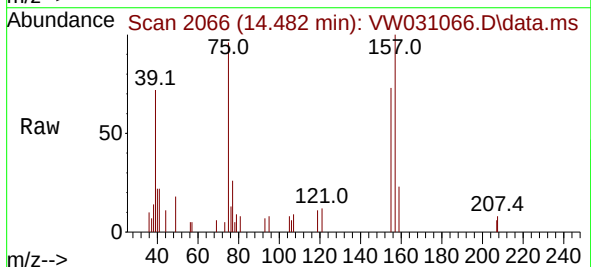


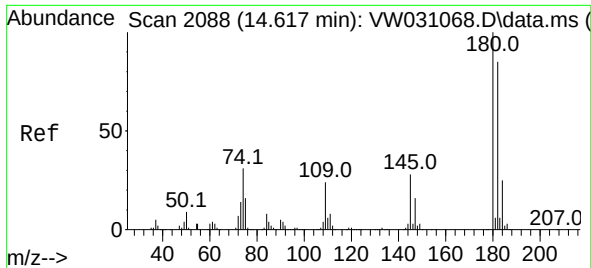
Tgt Ion:146 Resp: 27109
Ion Ratio Lower Upper
146 100
111 43.7 30.9 46.3
148 64.0 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.261 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW031066.D
Acq: 20 Nov 2024 11:03

Tgt Ion: 75 Resp: 1772
Ion Ratio Lower Upper
75 100
155 76.4 63.1 94.7
157 104.2 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 2.397 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.006 min

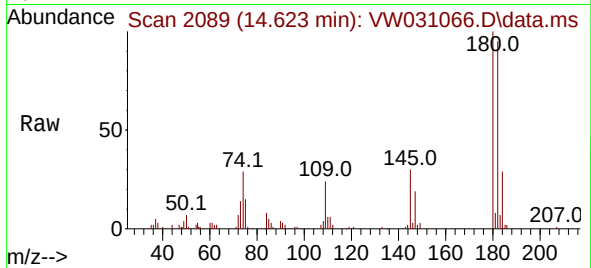
Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 21326

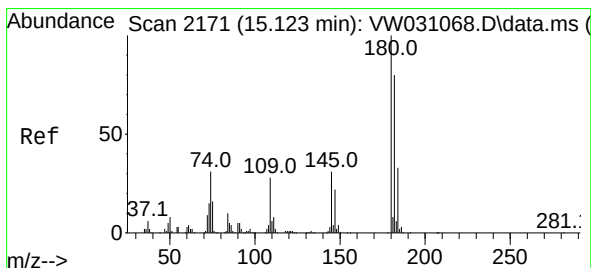
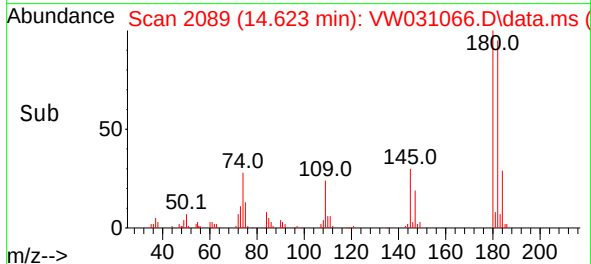
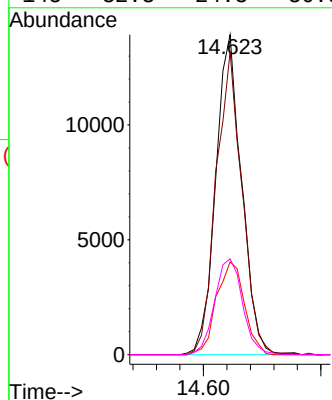
Ion Ratio Lower Upper

180 100

182 94.2 78.2 117.2

184 31.3 24.0 36.0

145 32.3 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 2.380 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031066.D

Acq: 20 Nov 2024 11:03

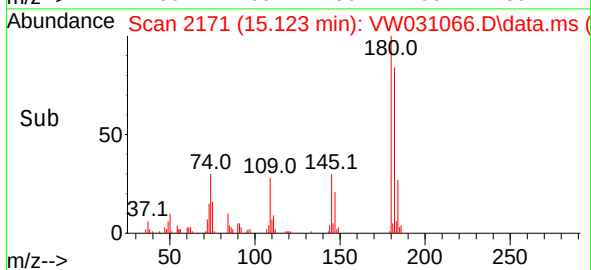
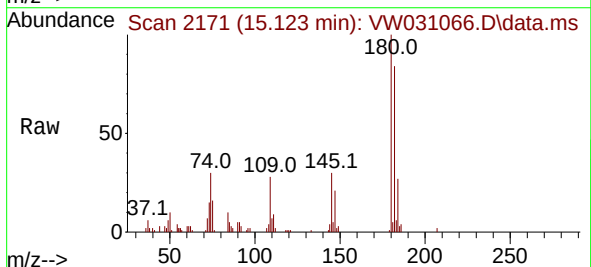
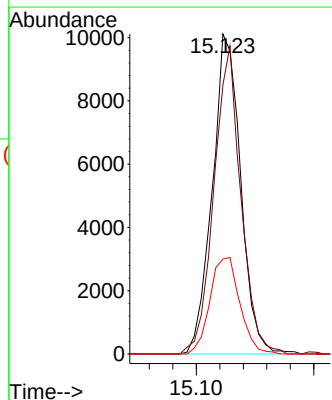
Tgt Ion:180 Resp: 16937

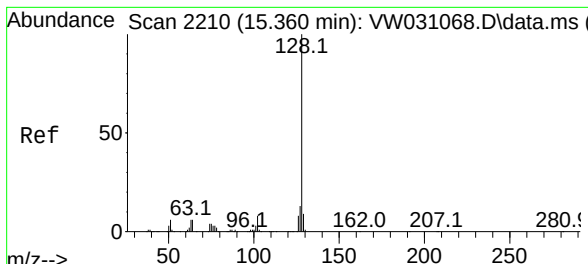
Ion Ratio Lower Upper

180 100

182 91.3 76.1 114.1

145 31.8 25.7 38.5



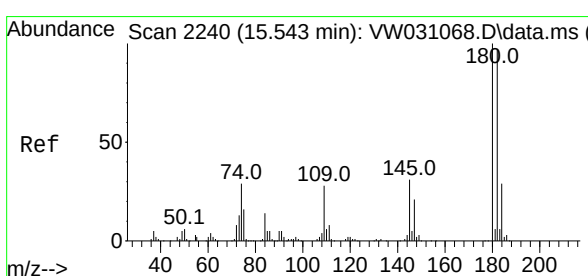
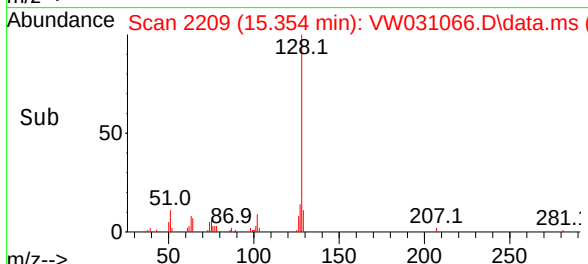
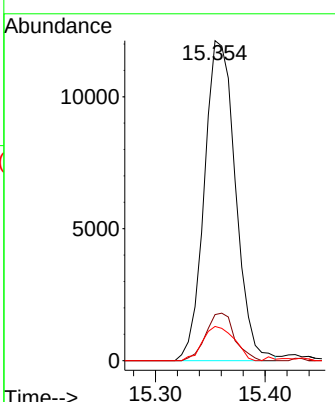
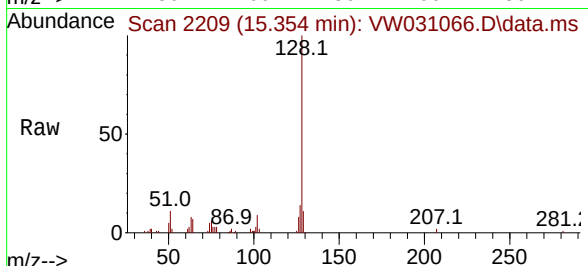


#71
 Naphthalene
 Concen: 1.985 ug/L
 RT: 15.354 min Scan# 2210
 Delta R.T. -0.006 min
 Lab File: VW031066.D
 Acq: 20 Nov 2024 11:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 23875

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.9	8.3	12.5



#72
 1,2,3-Trichlorobenzene
 Concen: 2.332 ug/L
 RT: 15.543 min Scan# 2240
 Delta R.T. 0.000 min
 Lab File: VW031066.D
 Acq: 20 Nov 2024 11:03

Tgt Ion:180 Resp: 14770

Ion	Ratio	Lower	Upper
180	100		
182	102.6	78.7	118.1
145	34.6	26.3	39.5

