

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111424\
 Data File : VW031018.D
 Acq On : 14 Nov 2024 15:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 04:04:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 04:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	395970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	348647	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	96751	14.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.600%
7) Chloroethane-d5	2.899	69	85301	17.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.520%
11) 1,1-Dichloroethene-d2	4.021	65	50068	18.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.720%
21) 2-Butanone-d5	7.075	46	53306	49.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.760%
24) Chloroform-d	7.648	84	270172	23.144	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.560%
26) 1,2-Dichloroethane-d4	8.307	65	127393	21.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	8.276	84	509903	23.542	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	9.270	67	151286	23.694	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	10.324	98	461571	23.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.040%
43) trans-1,3-Dichloroprop...	10.574	79	56229	21.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.920%
47) 2-Hexanone-d5	10.922	63	44158	53.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113306	25.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	151601	23.330	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75879	17.990	ug/L	96
3) Chloromethane	2.222	50	84815	14.923	ug/L	97
5) Vinyl chloride	2.375	62	116150	17.244	ug/L	95
6) Bromomethane	2.789	94	76725	17.349	ug/L	94
8) Chloroethane	2.936	64	72491	17.753	ug/L	97
9) Trichlorofluoromethane	3.271	101	117599	19.131	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	118410	20.925	ug/L	90
12) 1,1-Dichloroethene	4.045	96	110386	21.568	ug/L	82
13) Acetone	4.124	43	46663	35.749	ug/L	92
14) Carbon disulfide	4.386	76	316941	18.837	ug/L	99
15) Methyl Acetate	4.673	43	40148	20.969	ug/L	98
16) Methylene chloride	4.923	84	126725	22.637	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	121194	21.584	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	166193	21.930	ug/L #	89
19) 1,1-Dichloroethane	6.222	63	229394	21.893	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	135445	22.739	ug/L	94
22) 2-Butanone	7.166	43	58282	39.871	ug/L	98
23) Bromochloromethane	7.514	128	59594	22.845	ug/L	91
25) Chloroform	7.679	83	248672	22.556	ug/L	98

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 Response via : Initial Calibration

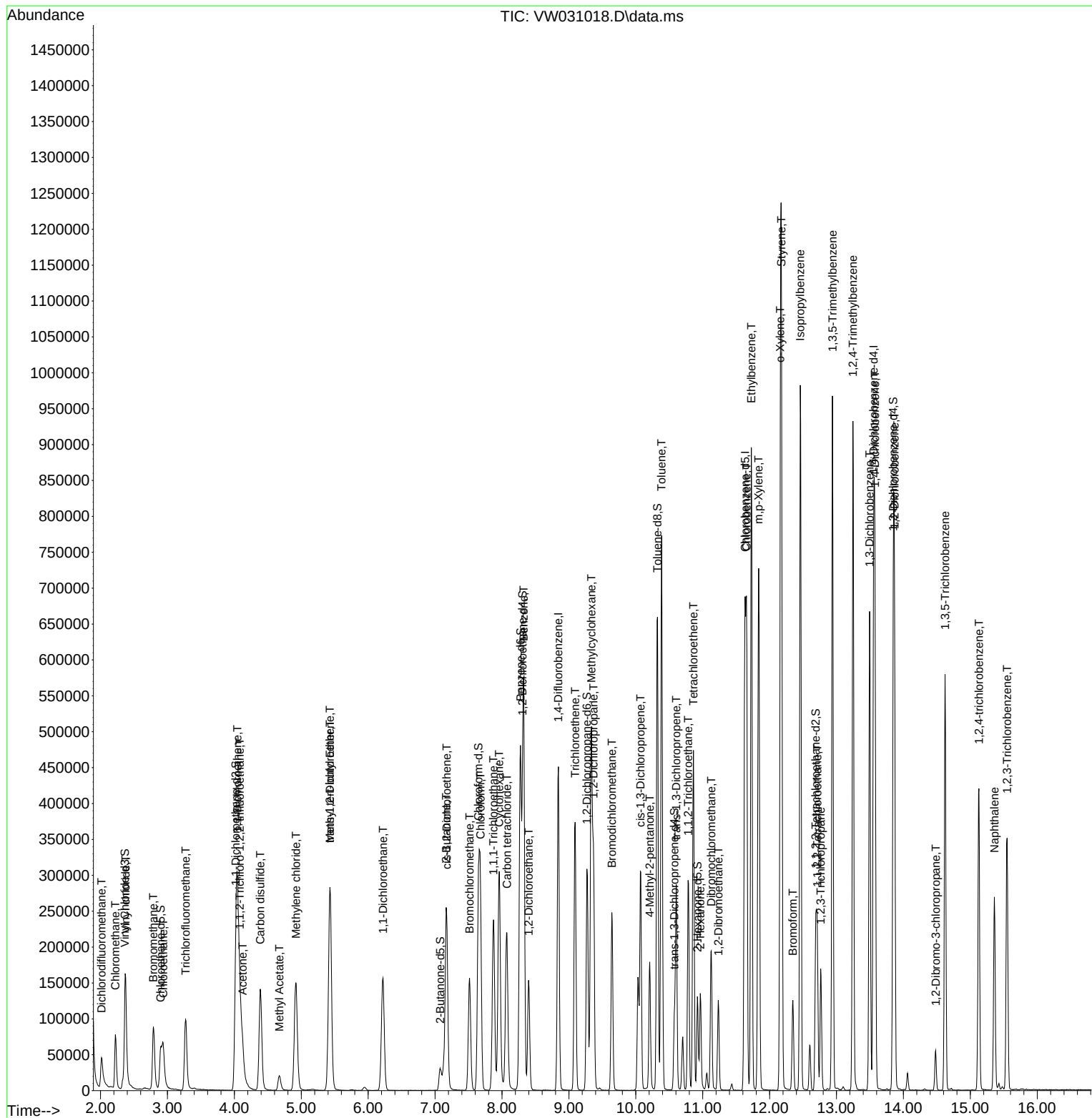
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	140170	20.415	ug/L	97
29) Cyclohexane	7.959	56	172809	20.683	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	198983	22.218	ug/L	98
31) Carbon tetrachloride	8.075	117	176225	21.898	ug/L	98
33) Benzene	8.325	78	529681	23.571	ug/L	100
34) Trichloroethene	9.093	95	138235	22.308	ug/L	95
35) Methylcyclohexane	9.337	83	208227	21.201	ug/L	98
37) 1,2-Dichloropropane	9.367	63	131951	23.495	ug/L	98
38) Bromodichloromethane	9.642	83	167039	22.648	ug/L	94
39) cis-1,3-Dichloropropene	10.068	75	190279	22.648	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	112154	43.667	ug/L	97
42) Toluene	10.385	91	566333	23.799	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	154835	22.184	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	95021	23.571	ug/L	99
46) Tetrachloroethene	10.861	164	110401	23.305	ug/L	88
48) 2-Hexanone	10.965	43	80216	41.052	ug/L	94
49) Dibromochloromethane	11.129	129	106966	24.337	ug/L	95
50) 1,2-Dibromoethane	11.233	107	87909	23.647	ug/L	92
51) Chlorobenzene	11.653	112	362075	23.774	ug/L	98
52) Ethylbenzene	11.727	91	629754	23.421	ug/L	100
53) m,p-Xylene	11.836	106	243732	24.102	ug/L	93
54) o-Xylene	12.159	106	225468	24.230	ug/L	95
55) Styrene	12.178	104	397898	25.027	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	104469	23.747	ug/L	97
59) Bromoform	12.348	173	61040	23.962	ug/L	98
60) Isopropylbenzene	12.458	105	636496	23.390	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72277	21.610	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	502183	23.439	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	492846	23.620	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	281089	23.525	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	272331	22.201	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	236275	22.187	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	14850	20.972	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.622	180	178430	22.504	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	143005	22.714	ug/L	97
71) Naphthalene	15.360	128	236641	23.186	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	125759	23.177	ug/L	98

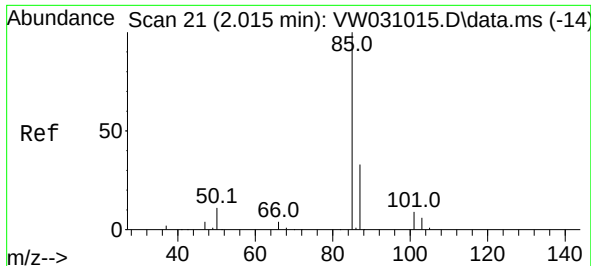
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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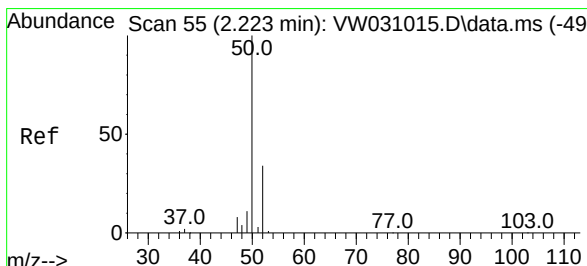
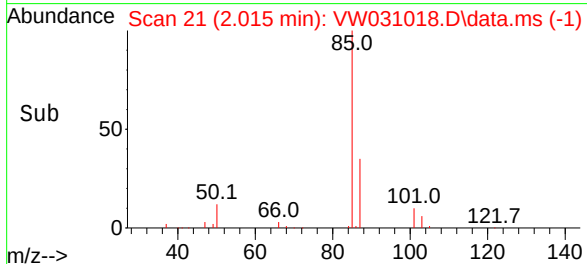
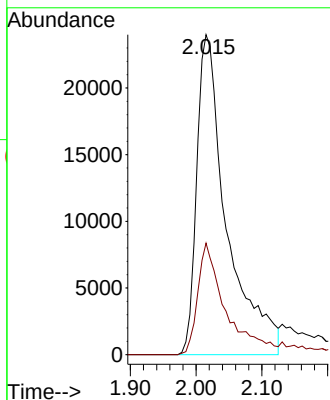
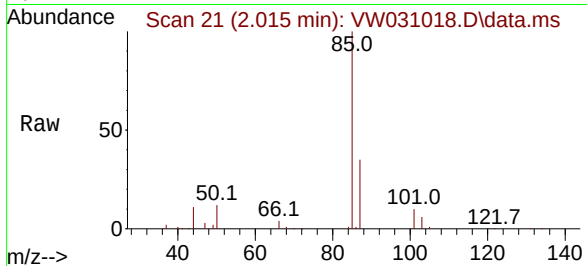




#2
Dichlorodifluoromethane
Concen: 17.990 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

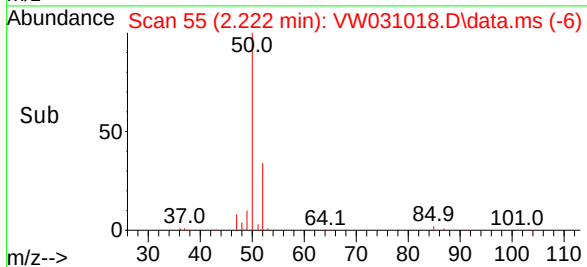
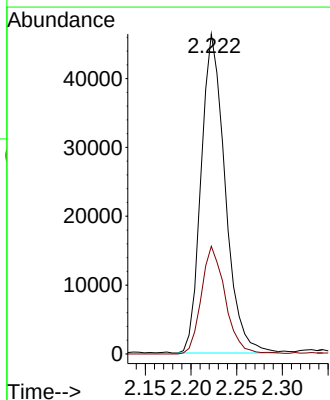
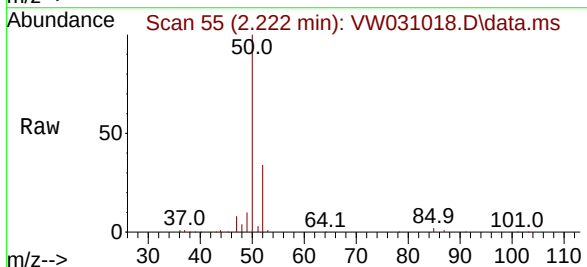
Instrument :
MSVOA_W
ClientSampleId :

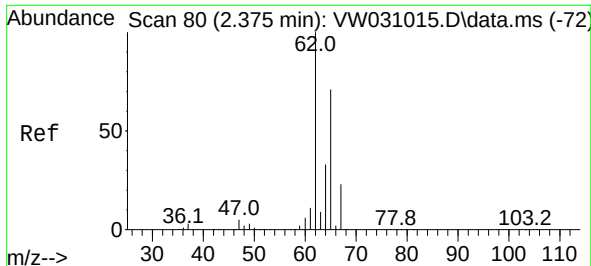
Tgt Ion: 85 Resp: 75879
Ion Ratio Lower Upper
85 100
87 27.9 24.2 36.4



#3
Chloromethane
Concen: 14.923 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion: 50 Resp: 84815
Ion Ratio Lower Upper
50 100
52 33.6 22.5 41.9

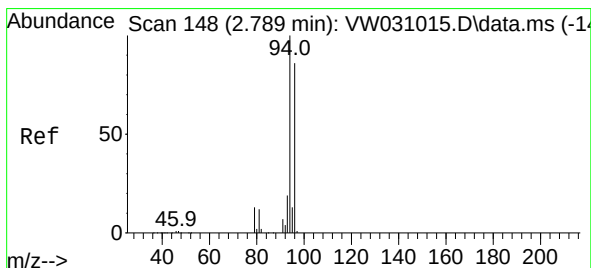
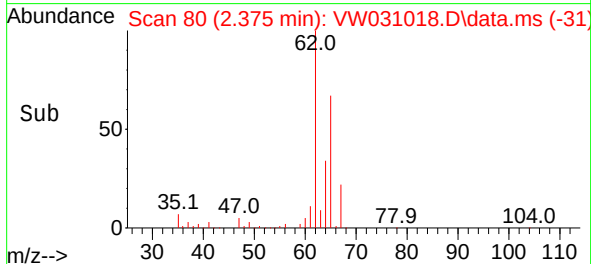
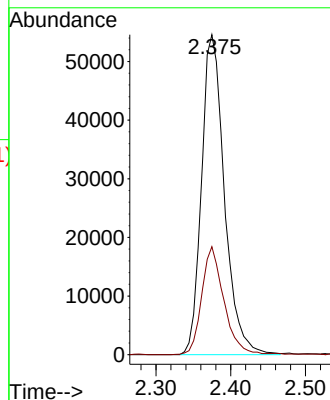
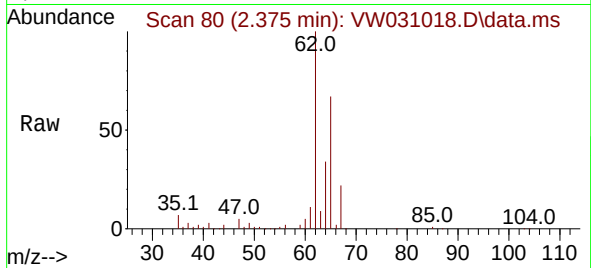




#5
 Vinyl chloride
 Concen: 17.244 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031018.D
 Acq: 14 Nov 2024 15:41

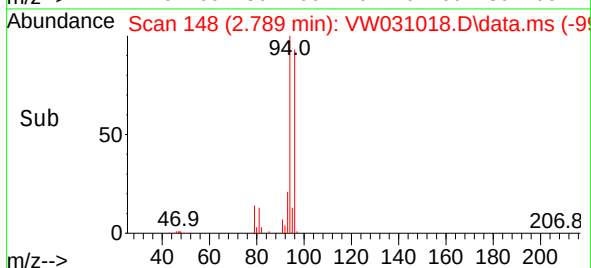
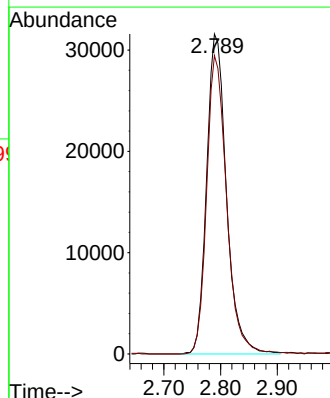
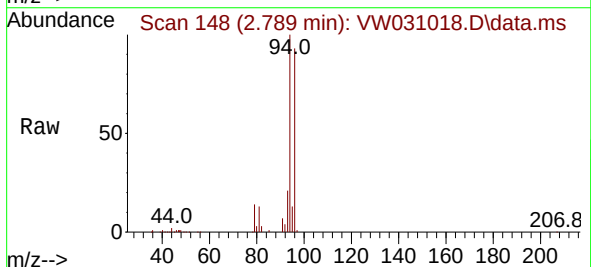
Instrument :
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 ClientSampleId :

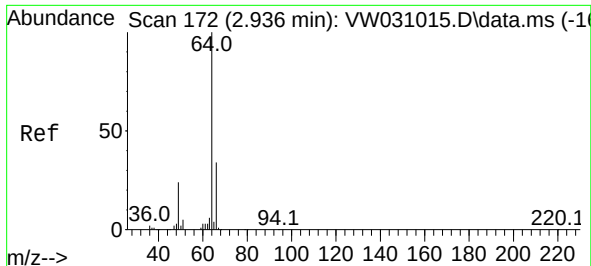
Tgt Ion: 62 Resp: 116150
 Ion Ratio Lower Upper
 62 100
 64 33.7 21.7 40.3



#6
 Bromomethane
 Concen: 17.349 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031018.D
 Acq: 14 Nov 2024 15:41

Tgt Ion: 94 Resp: 76725
 Ion Ratio Lower Upper
 94 100
 96 93.3 61.6 114.4

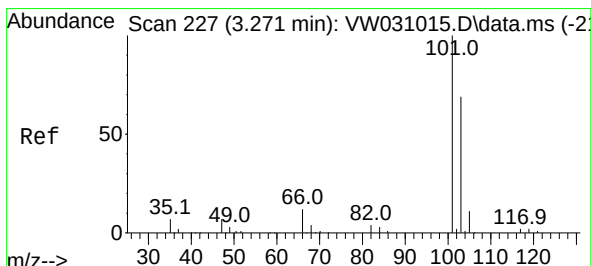
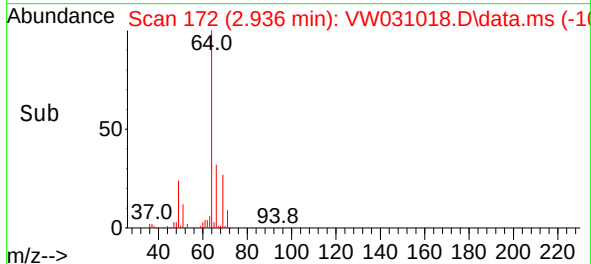
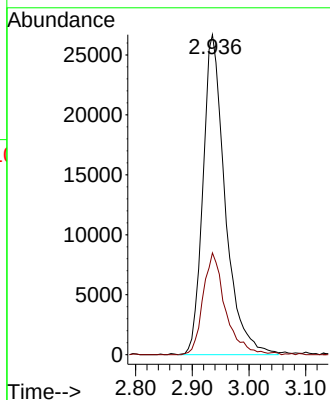
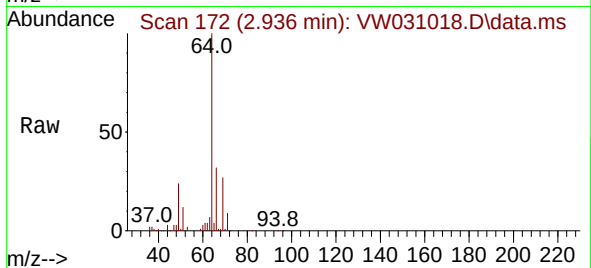




#8
Chloroethane
Concen: 17.753 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

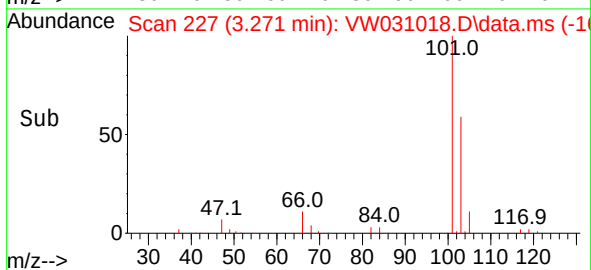
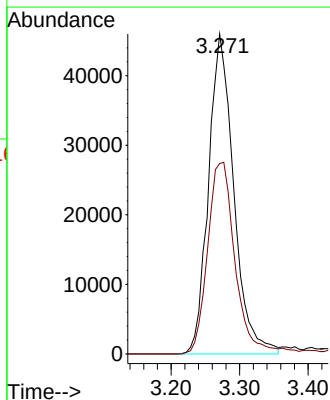
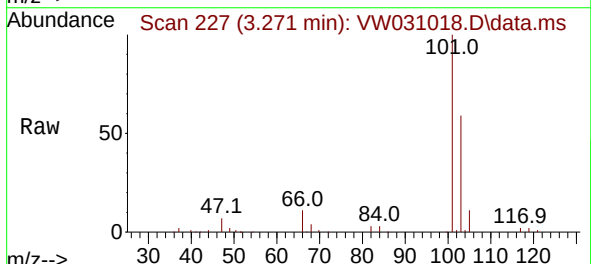
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MSVOA_W
ClientSampleId :

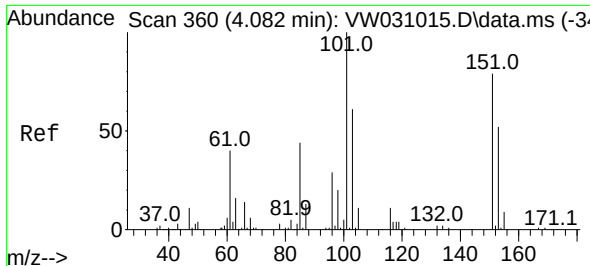
Tgt Ion: 64 Resp: 72491
Ion Ratio Lower Upper
64 100
66 31.8 23.5 43.7



#9
Trichlorofluoromethane
Concen: 19.131 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion:101 Resp: 117599
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6





#10

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

Concen: 20.925 ug/L

RT: 4.082 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :

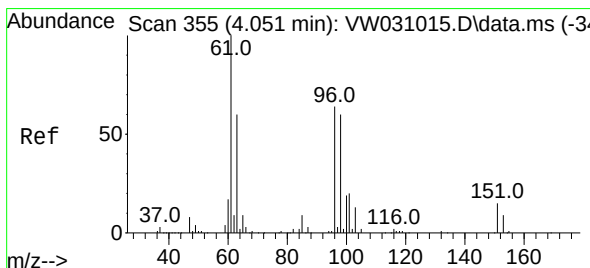
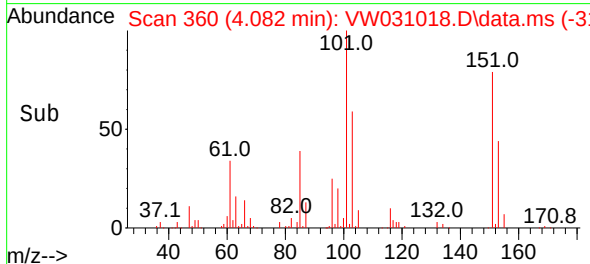
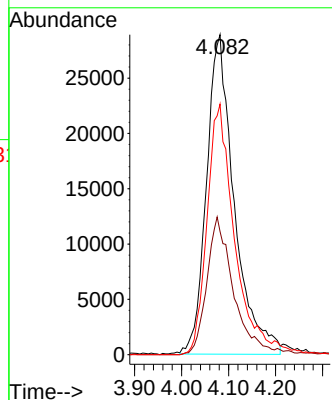
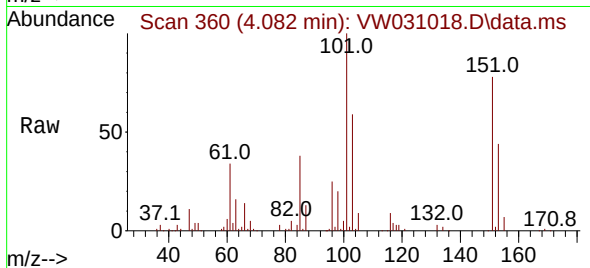
Tgt Ion:101 Resp: 118410

Ion Ratio Lower Upper

101 100

85 41.0 32.9 49.3

151 76.3 51.0 76.6



#12

1,1-Dichloroethene

Concen: 21.568 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

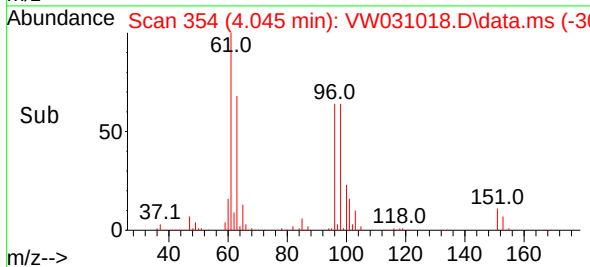
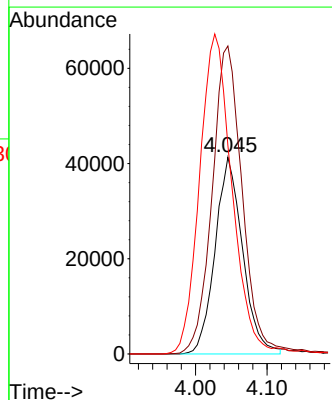
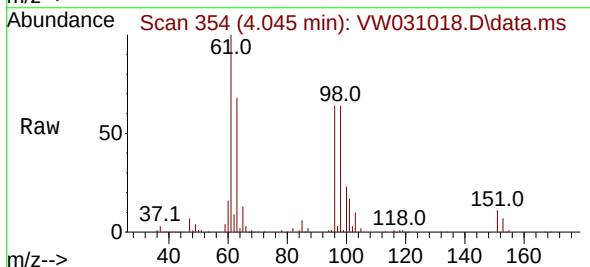
Tgt Ion: 96 Resp: 110386

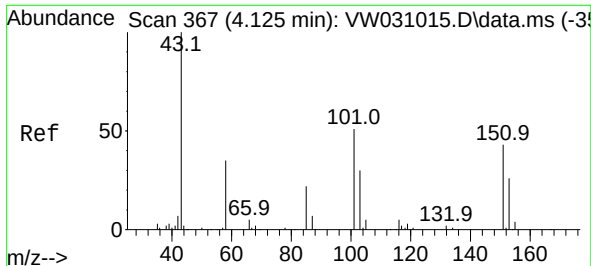
Ion Ratio Lower Upper

96 100

61 156.6 118.9 220.7

63 106.0 97.8 181.6

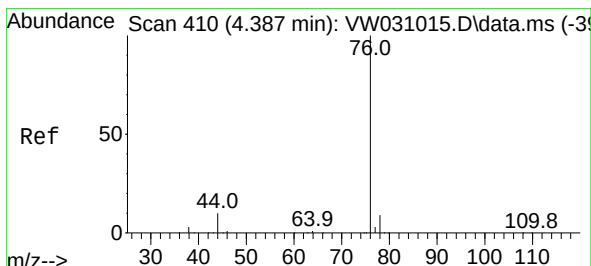
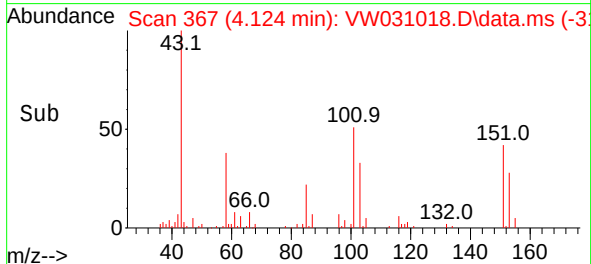
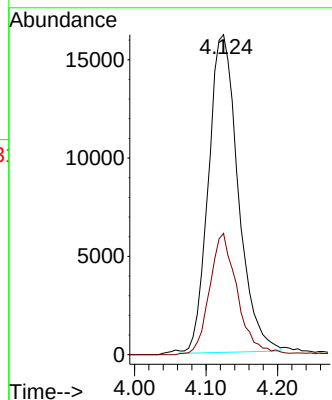
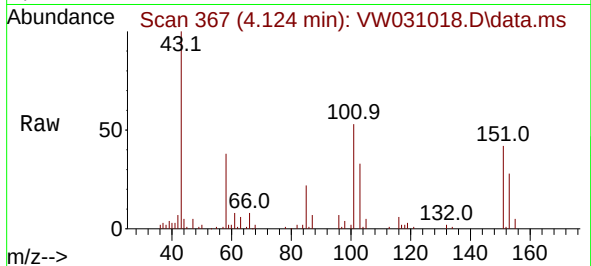




#13
Acetone
Concen: 35.749 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

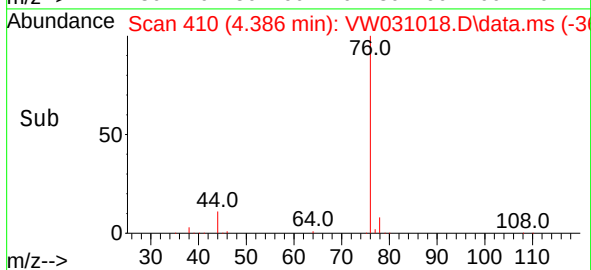
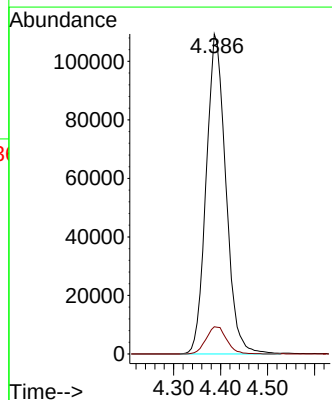
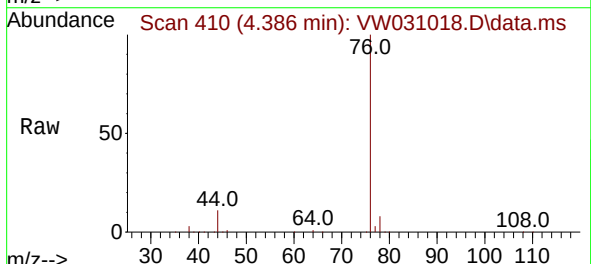
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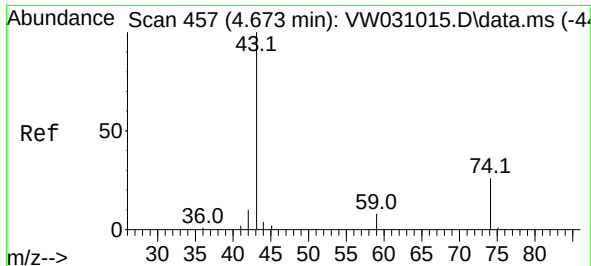
Tgt Ion: 43 Resp: 46663
Ion Ratio Lower Upper
43 100
58 35.7 0.0 62.6



#14
Carbon disulfide
Concen: 18.837 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
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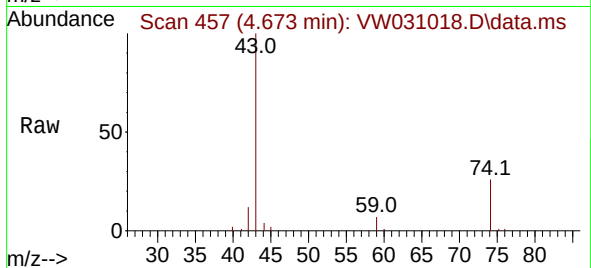
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Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



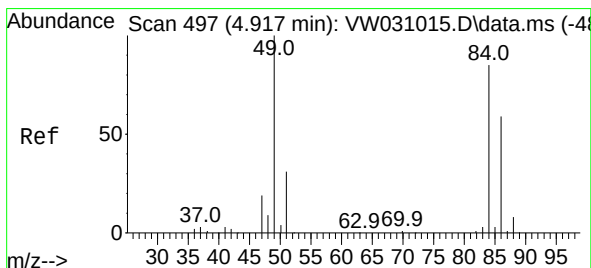
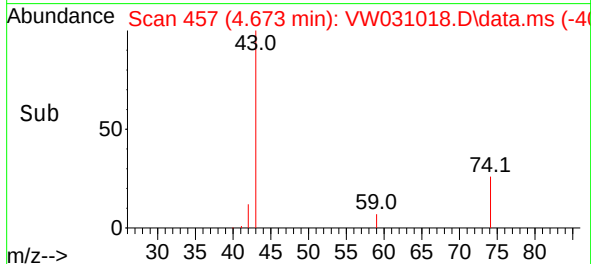
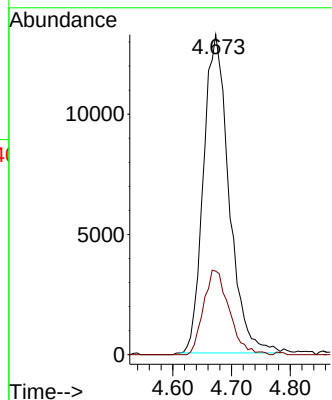


#15
Methyl Acetate
Concen: 20.969 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Instrument :
MSVOA_W
ClientSampleId :

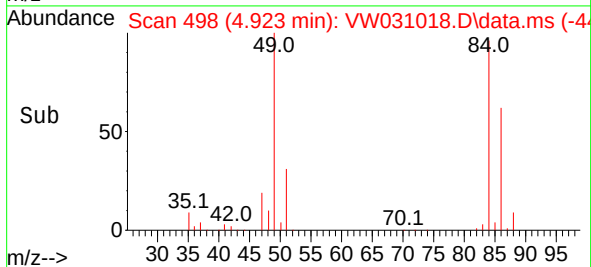
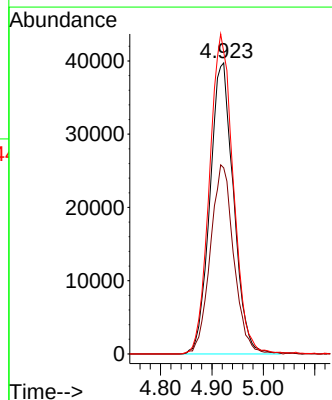
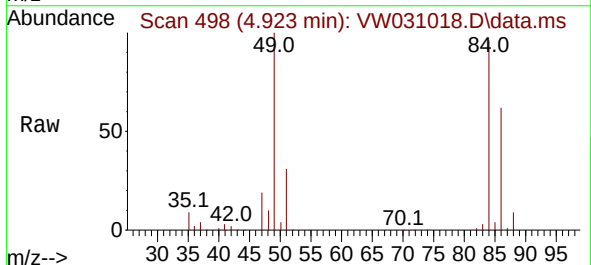


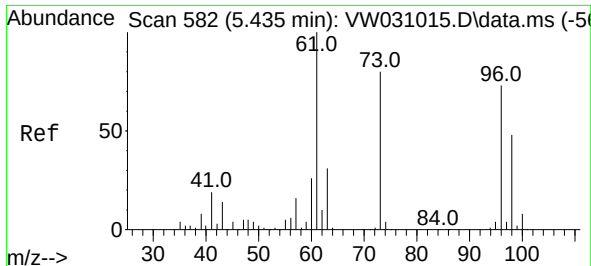
Tgt Ion: 43 Resp: 40148
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.2



#16
Methylene chloride
Concen: 22.637 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion: 84 Resp: 126725
Ion Ratio Lower Upper
84 100
86 63.9 41.8 77.6
49 103.7 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 21.584 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :

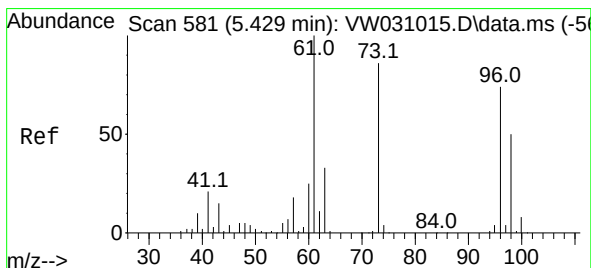
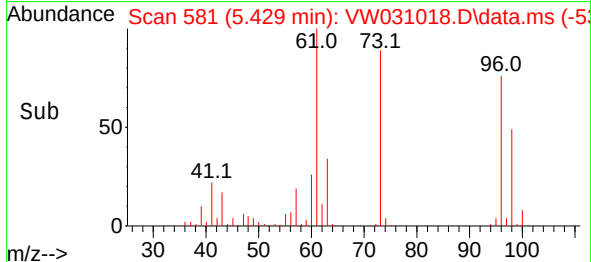
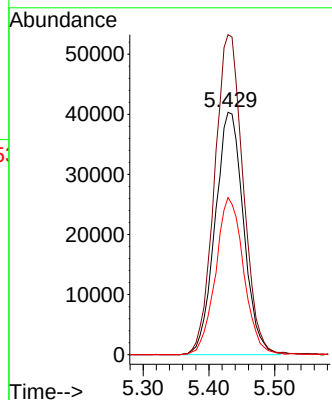
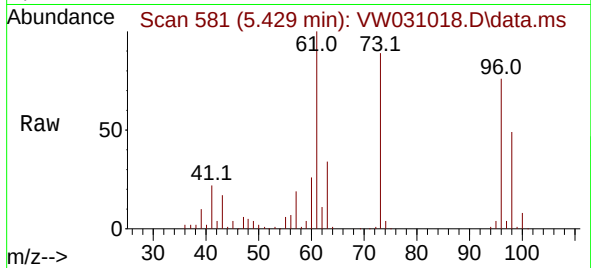
Tgt Ion: 96 Resp: 121194

Ion Ratio Lower Upper

96 100

61 132.0 95.2 176.8

98 64.8 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 21.930 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

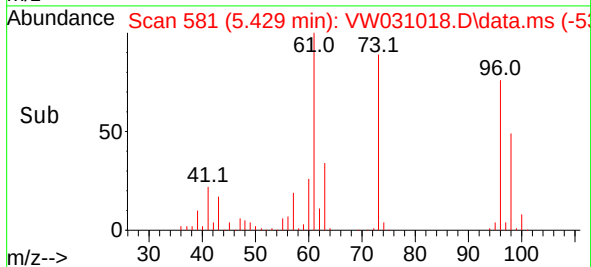
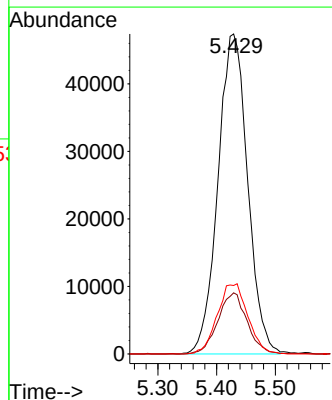
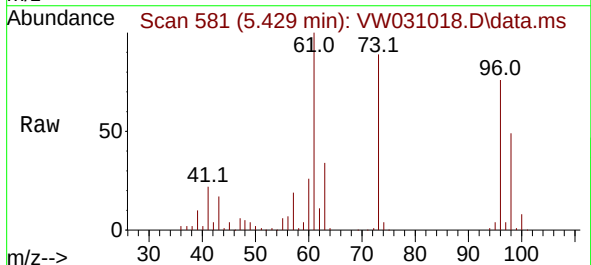
Tgt Ion: 73 Resp: 166193

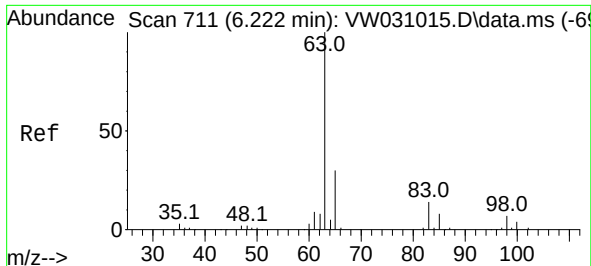
Ion Ratio Lower Upper

73 100

43 18.8 16.2 24.2

57 12.9 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 21.893 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

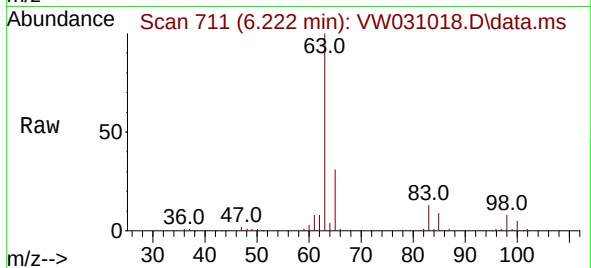
Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :



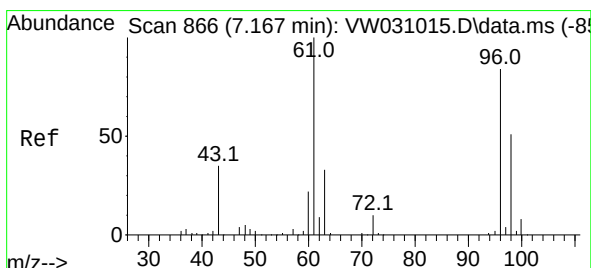
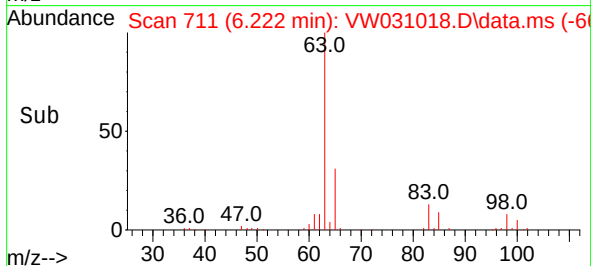
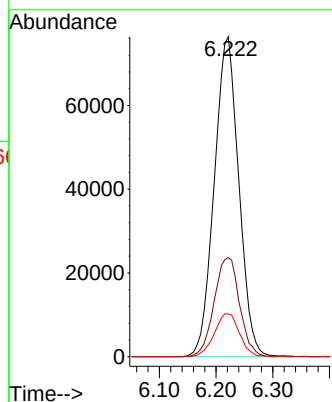
Tgt Ion: 63 Resp: 229394

Ion Ratio Lower Upper

63 100

65 30.9 23.0 42.8

83 13.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 22.739 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

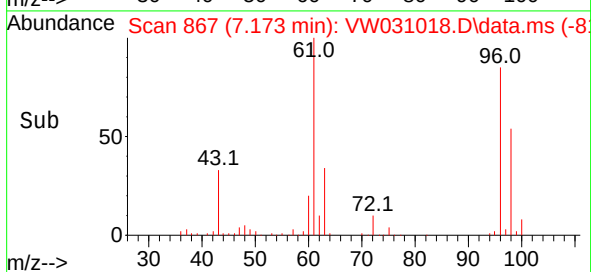
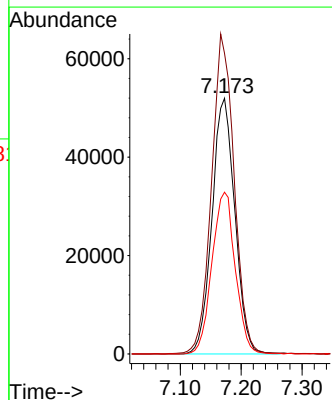
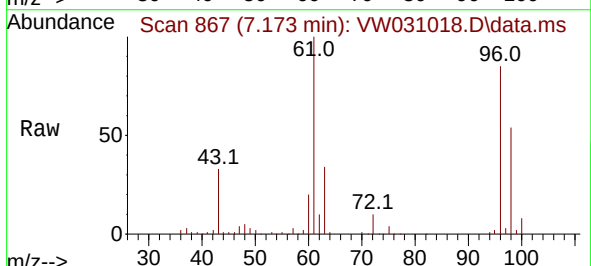
Tgt Ion: 96 Resp: 135445

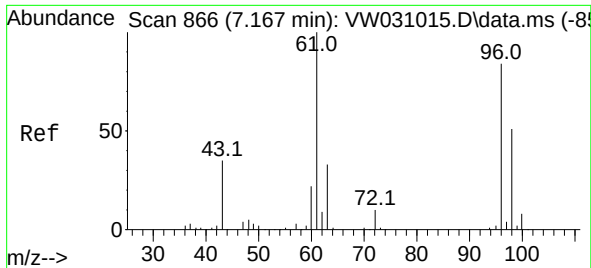
Ion Ratio Lower Upper

96 100

61 117.6 89.2 165.8

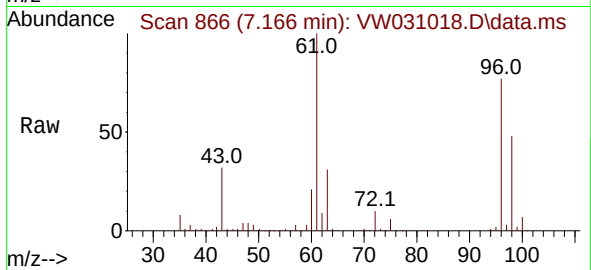
98 63.2 45.1 83.9



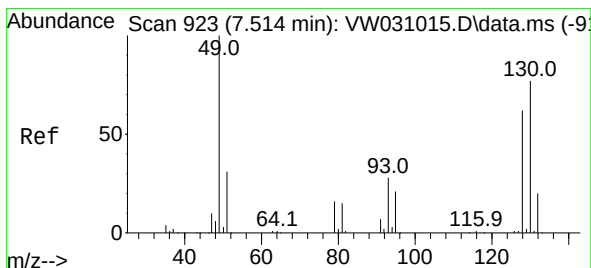
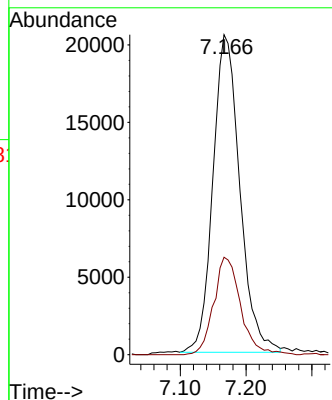
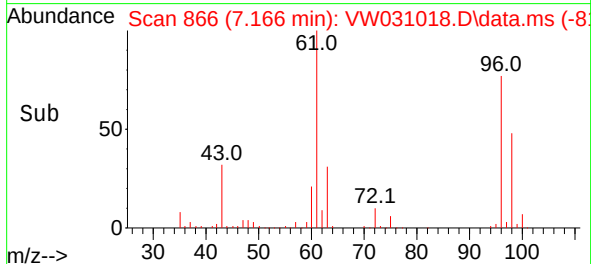


#22
2-Butanone
Concen: 39.871 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Instrument :
MSVOA_W
ClientSampleId :

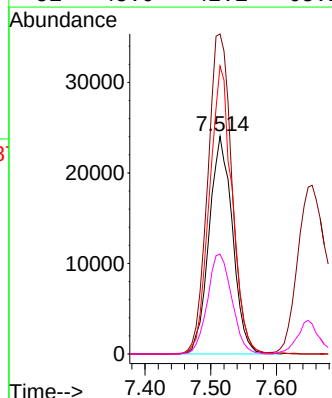
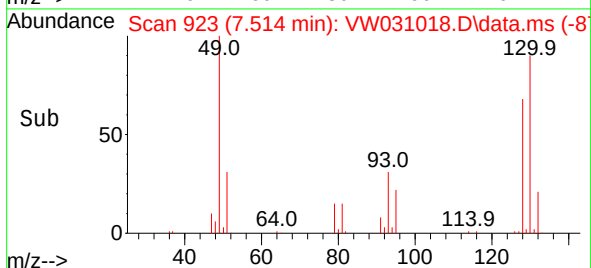
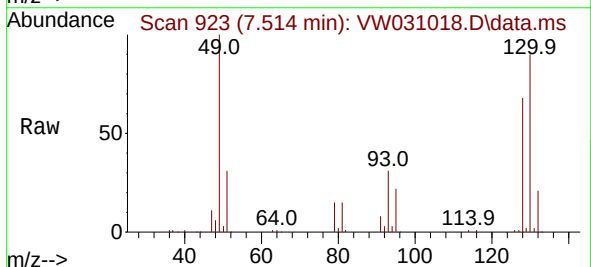


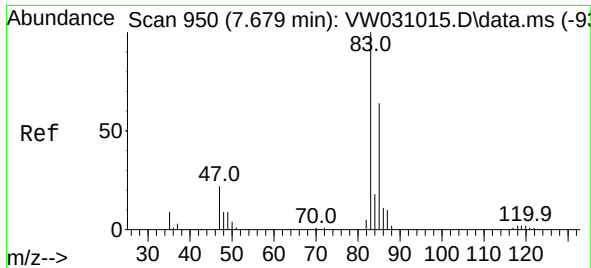
Tgt Ion: 43 Resp: 58282
Ion Ratio Lower Upper
43 100
72 30.3 14.5 43.6



#23
Bromochloromethane
Concen: 22.845 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion: 128 Resp: 59594
Ion Ratio Lower Upper
128 100
49 147.0 112.4 208.8
130 132.3 86.2 160.0
51 45.9 42.1 63.1





#25

Chloroform

Concen: 22.556 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

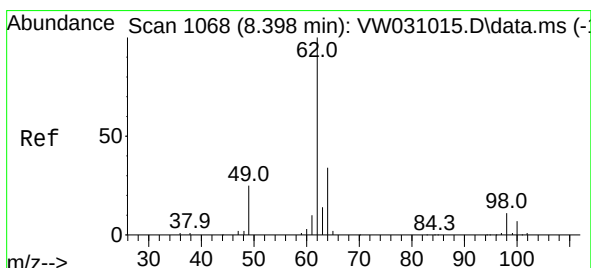
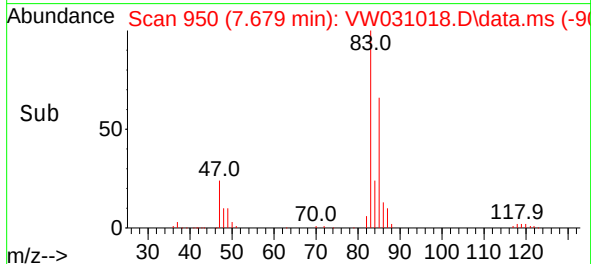
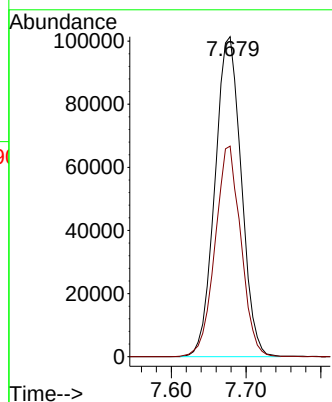
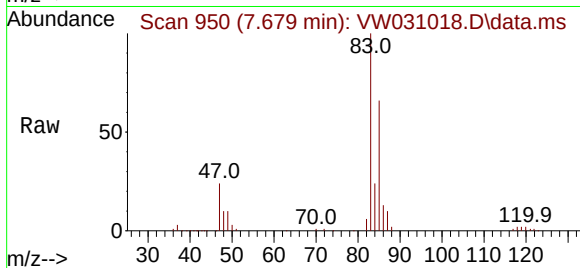
ClientSampleId :

Tgt Ion: 83 Resp: 248672

Ion Ratio Lower Upper

83 100

85 65.8 47.2 87.6



#27

1,2-Dichloroethane

Concen: 20.415 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031018.D

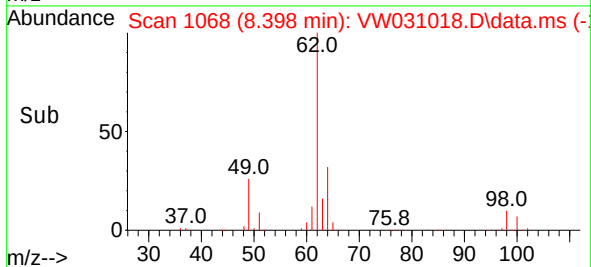
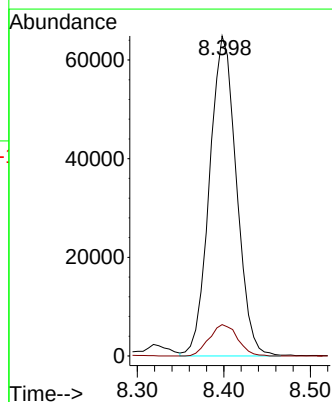
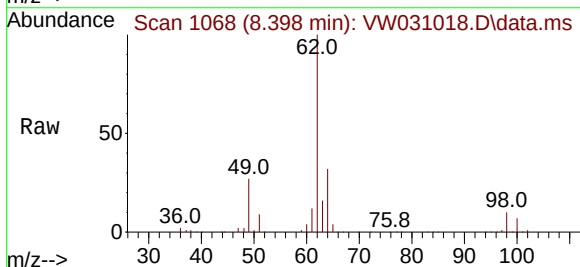
Acq: 14 Nov 2024 15:41

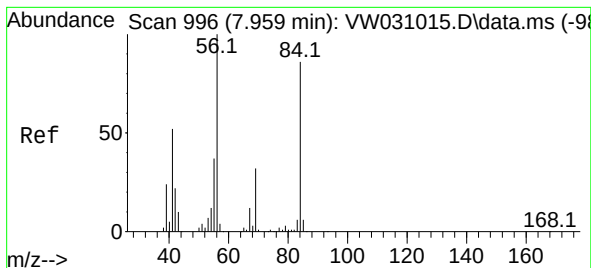
Tgt Ion: 62 Resp: 140170

Ion Ratio Lower Upper

62 100

98 9.8 7.1 10.7





#29

Cyclohexane

Concen: 20.683 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

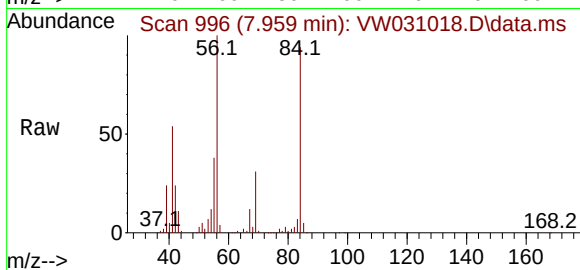
Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :



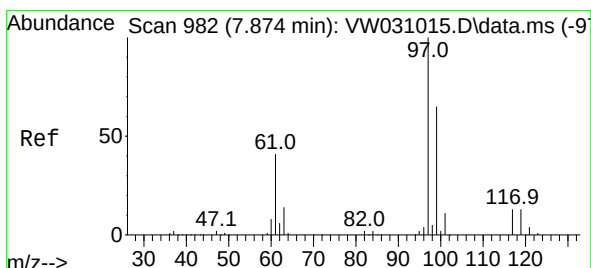
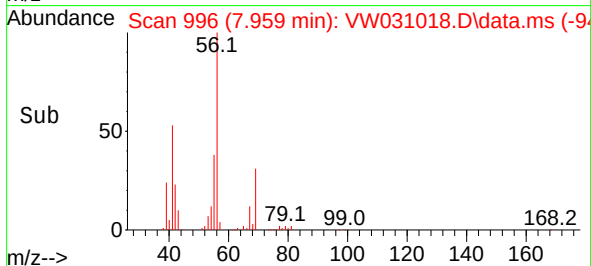
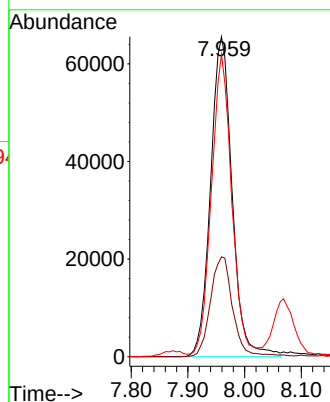
Tgt Ion: 56 Resp: 172809

Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

84 89.0 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 22.218 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

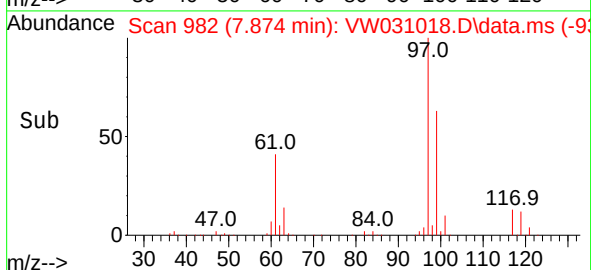
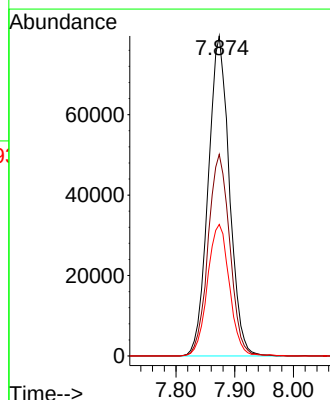
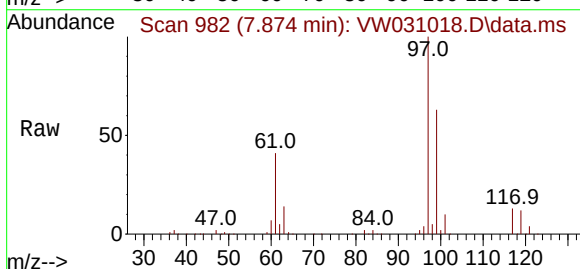
Tgt Ion: 97 Resp: 198983

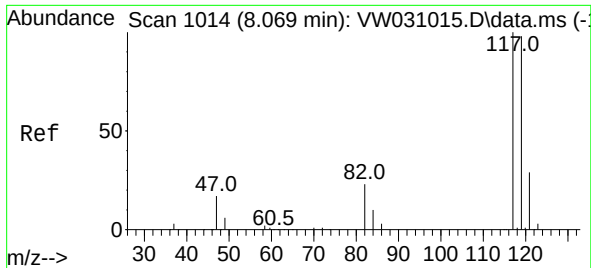
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 42.6 36.2 54.4

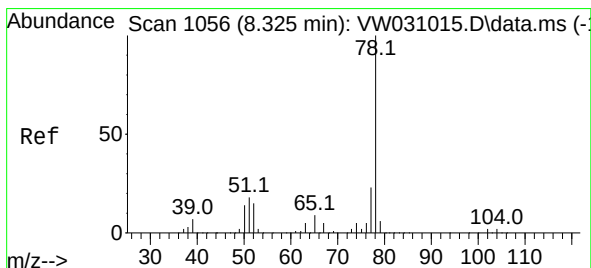
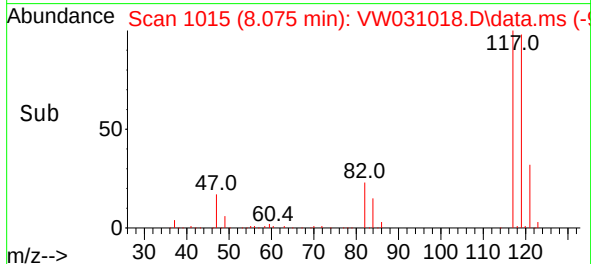
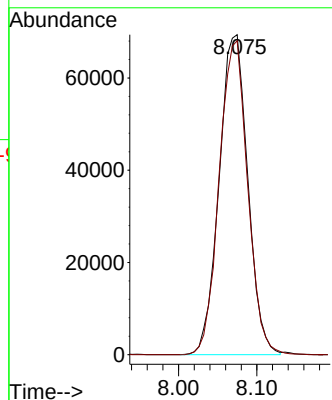
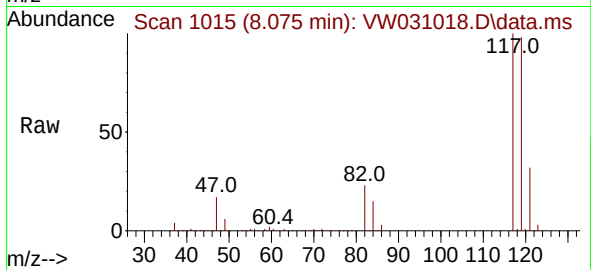




#31
Carbon tetrachloride
Concen: 21.898 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

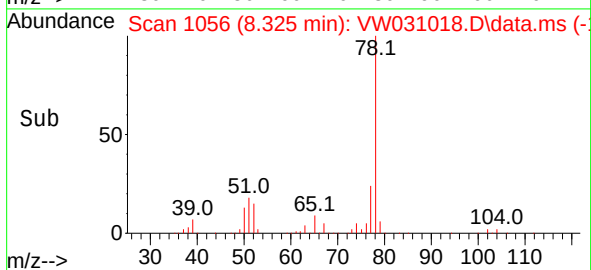
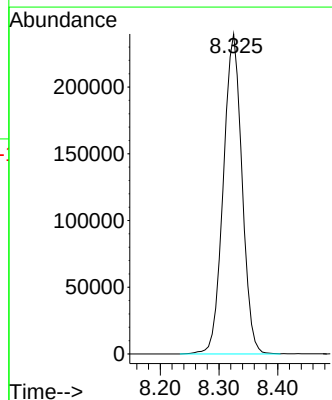
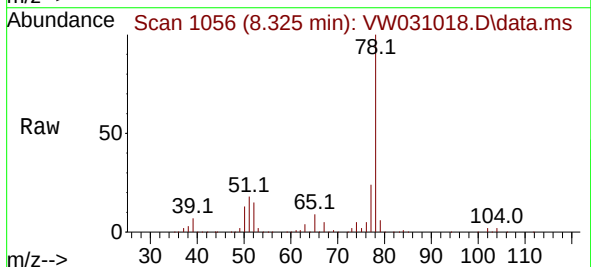
Instrument :
MSVOA_W
ClientSampleId :

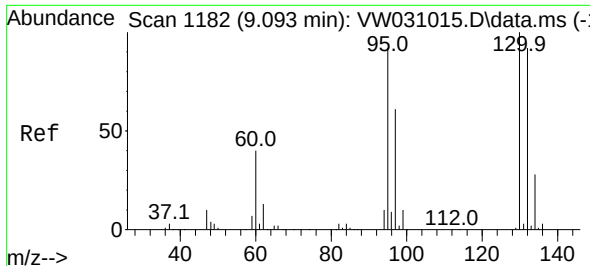
Tgt Ion:117 Resp: 176225
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2



#33
Benzene
Concen: 23.571 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion: 78 Resp: 529681





#34

Trichloroethene

Concen: 22.308 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

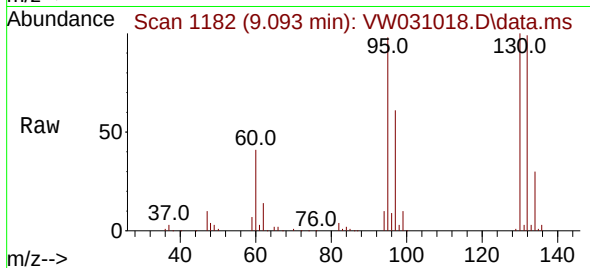
Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 138235

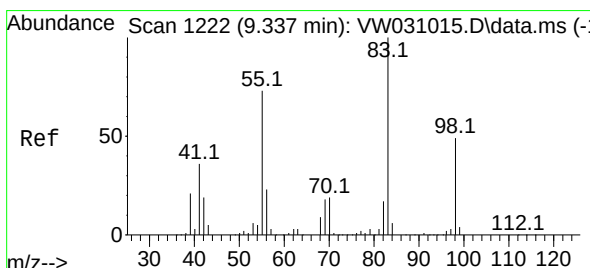
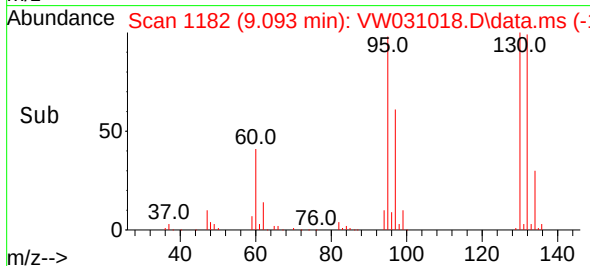
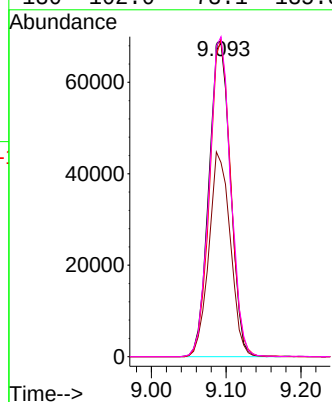
Ion Ratio Lower Upper

95 100

97 61.9 48.9 90.7

132 101.2 67.7 125.7

130 102.0 73.1 135.8



#35

Methylcyclohexane

Concen: 21.201 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

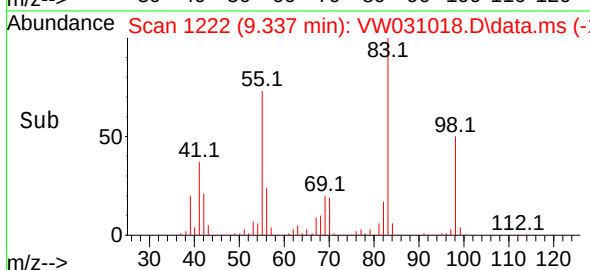
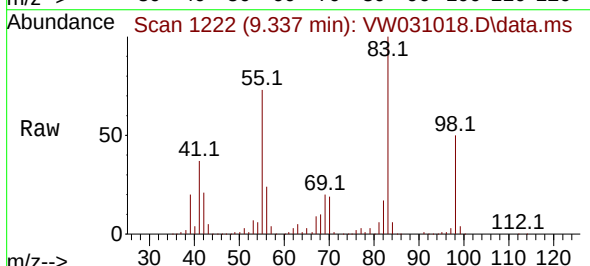
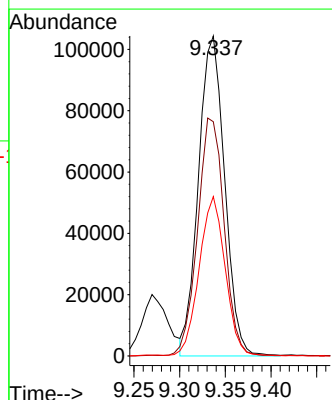
Tgt Ion: 83 Resp: 208227

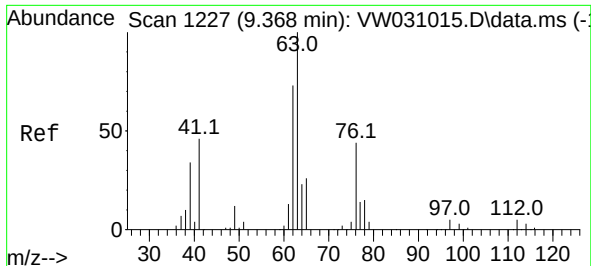
Ion Ratio Lower Upper

83 100

55 75.3 62.8 94.2

98 49.6 39.4 59.2





#37

1,2-Dichloropropane

Concen: 23.495 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

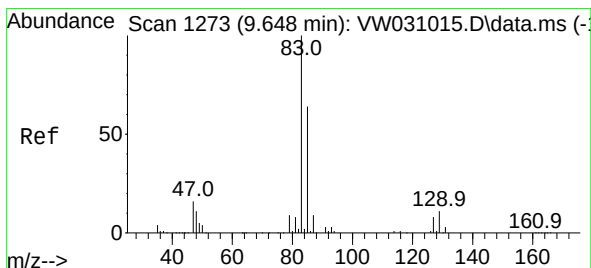
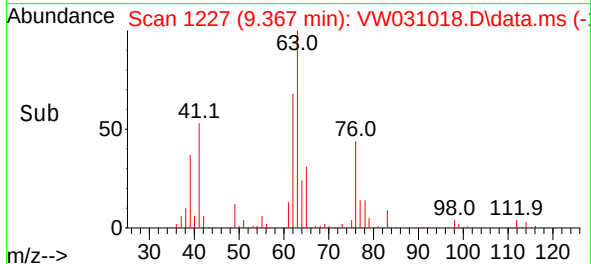
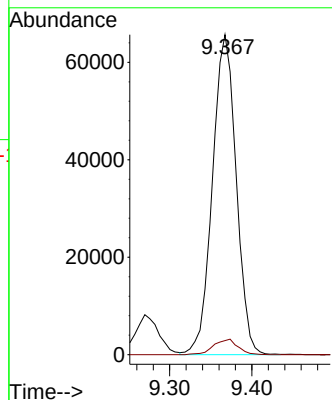
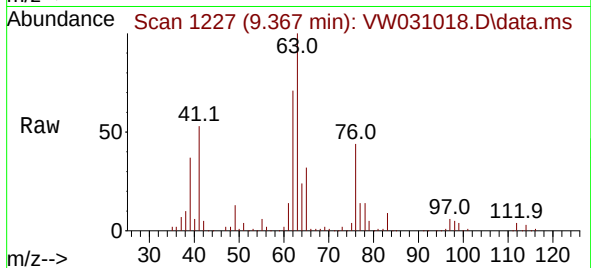
ClientSampleId :

Tgt Ion: 63 Resp: 131951

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 22.648 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

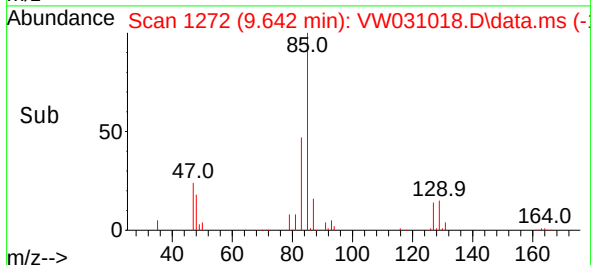
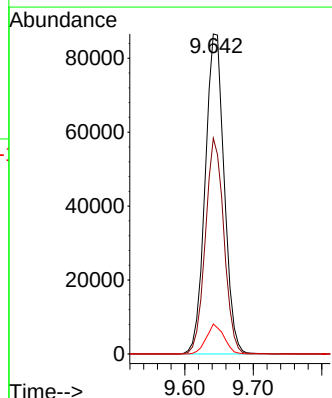
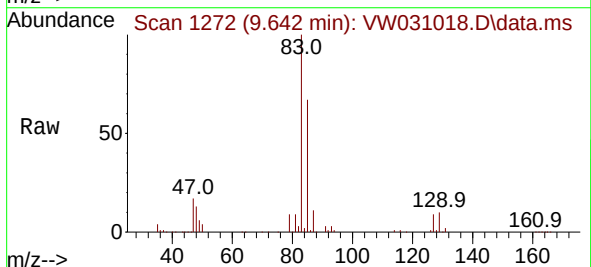
Tgt Ion: 83 Resp: 167039

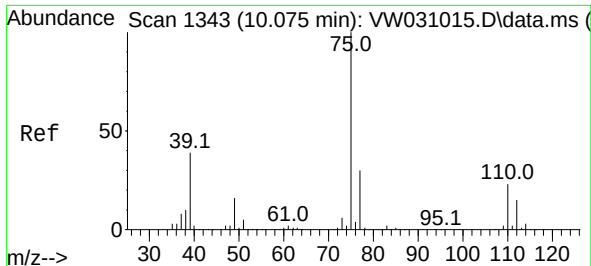
Ion Ratio Lower Upper

83 100

85 67.4 44.1 81.9

127 9.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.648 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

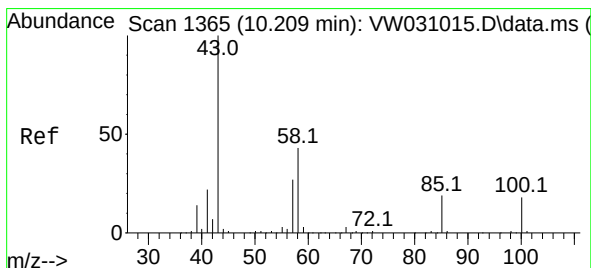
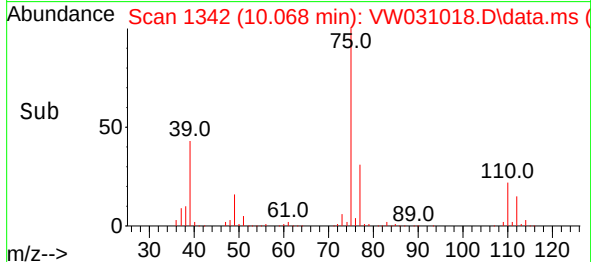
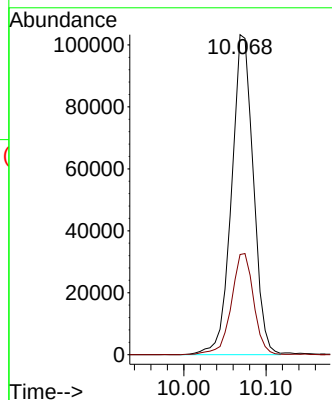
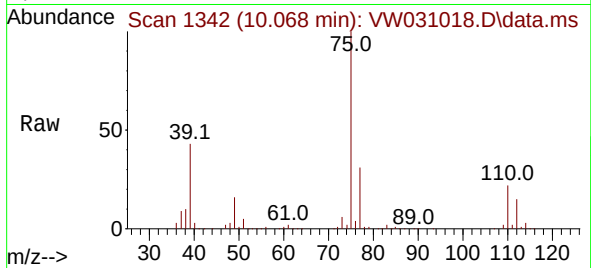
ClientSampleId :

Tgt Ion: 75 Resp: 190279

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 43.667 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

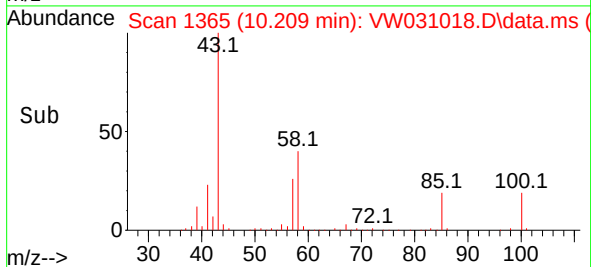
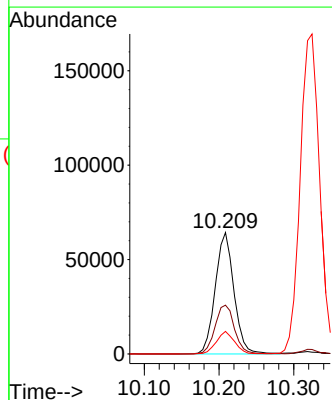
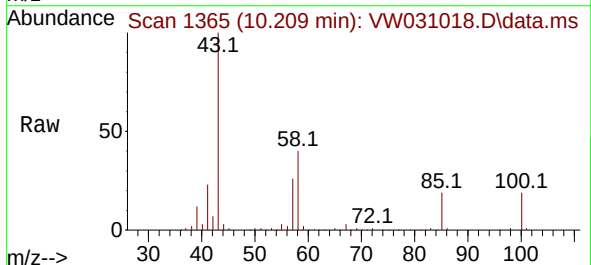
Tgt Ion: 43 Resp: 112154

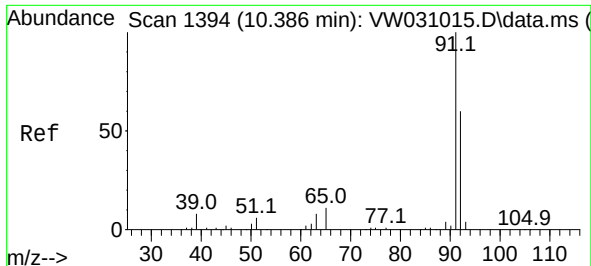
Ion Ratio Lower Upper

43 100

58 41.8 32.2 48.4

100 18.1 13.3 19.9

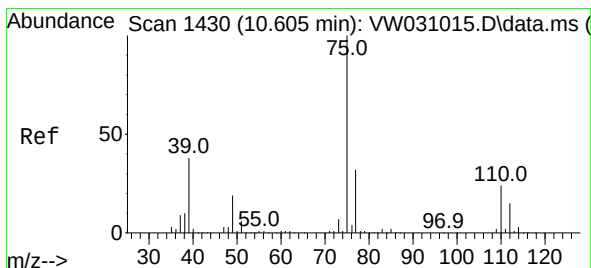
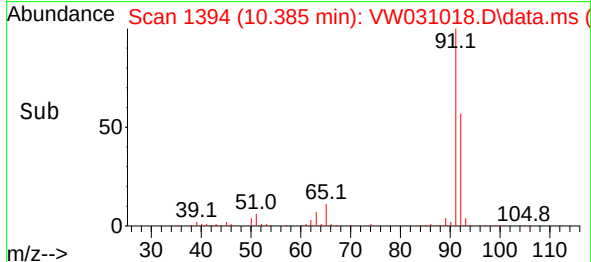
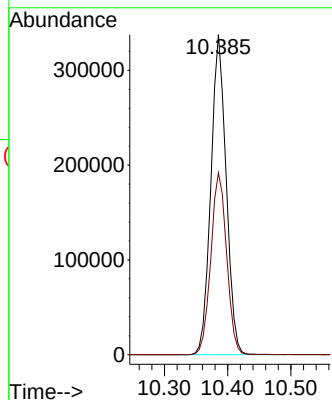
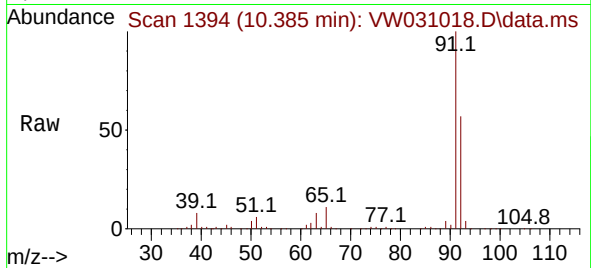




#42
Toluene
Concen: 23.799 ug/L
RT: 10.385 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

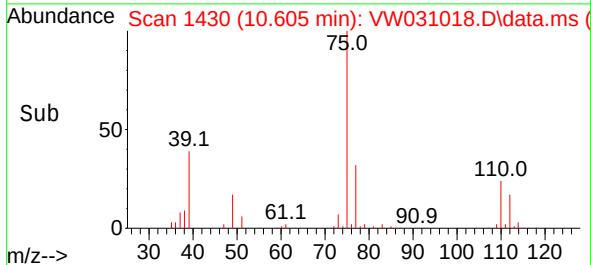
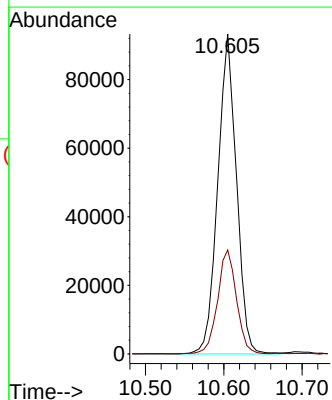
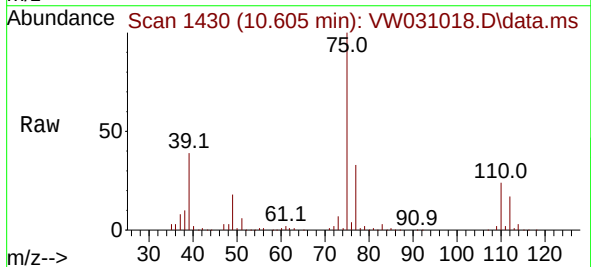
Instrument :
MSVOA_W
ClientSampleId :

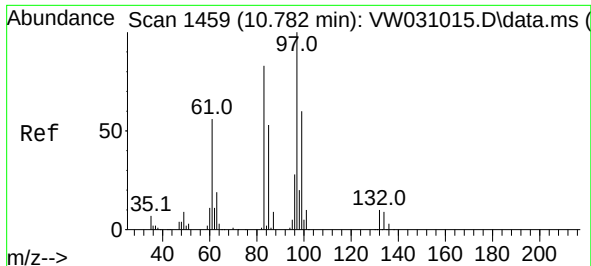
Tgt Ion: 91 Resp: 566333
Ion Ratio Lower Upper
91 100
92 56.9 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 22.184 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion: 75 Resp: 154835
Ion Ratio Lower Upper
75 100
77 32.5 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 23.571 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 95021

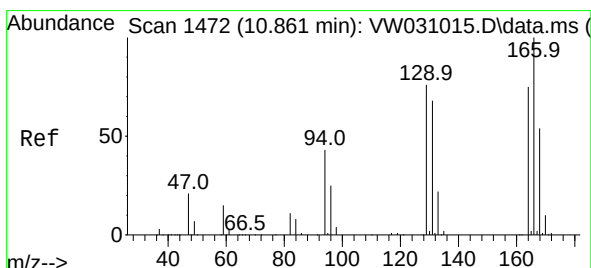
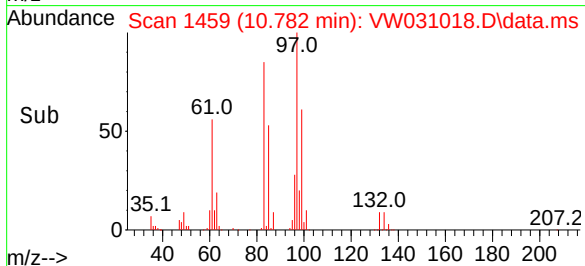
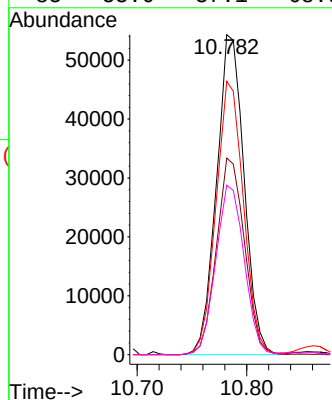
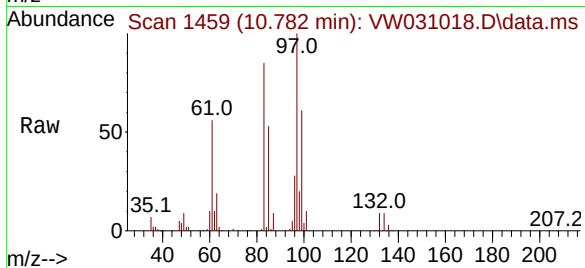
Ion Ratio Lower Upper

97 100

99 61.4 42.8 79.4

83 85.5 60.6 112.6

85 53.0 37.1 68.9



#46

Tetrachloroethene

Concen: 23.305 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Tgt Ion:164 Resp: 110401

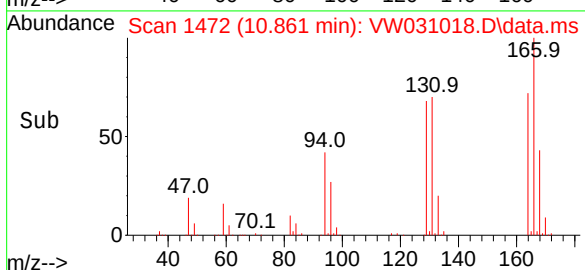
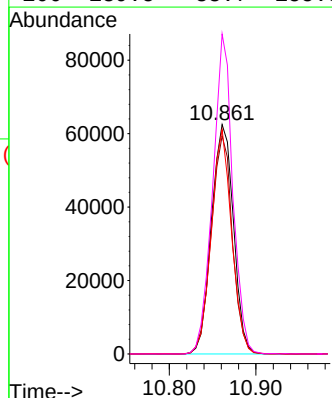
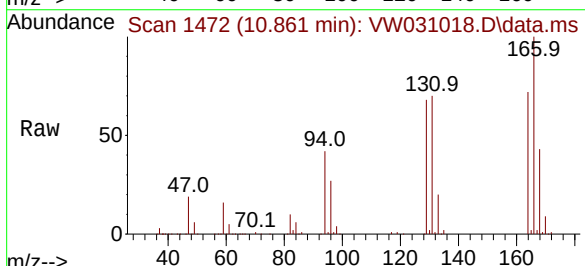
Ion Ratio Lower Upper

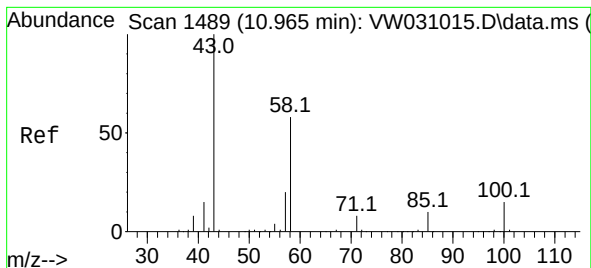
164 100

129 95.0 71.1 132.1

131 97.8 62.6 116.3

166 139.5 83.7 155.5

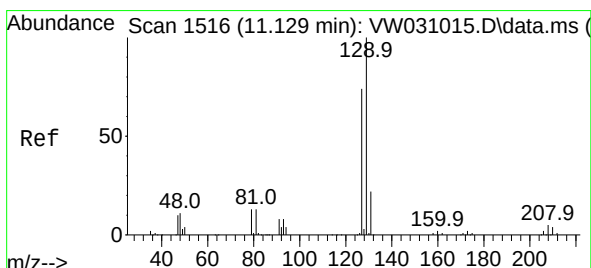
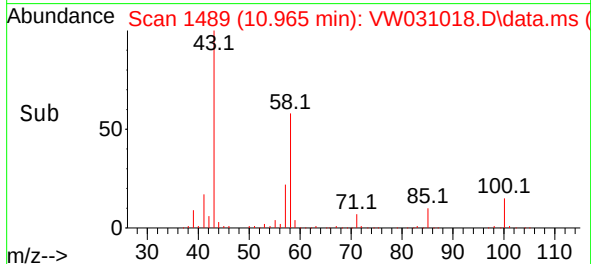
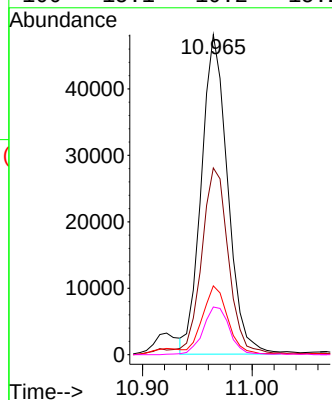
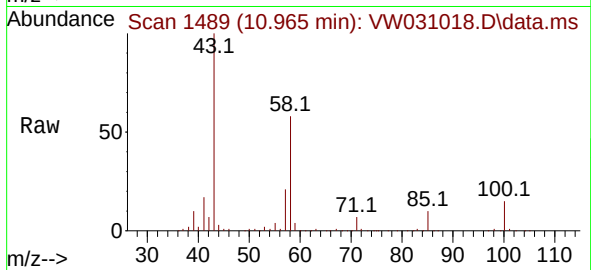




#48
2-Hexanone
Concen: 41.052 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

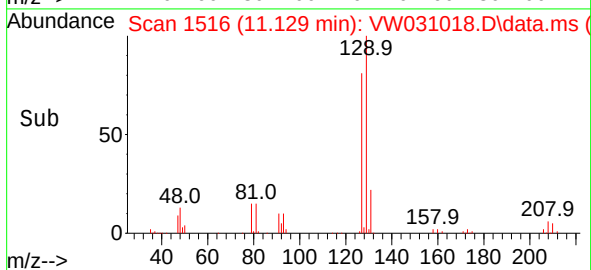
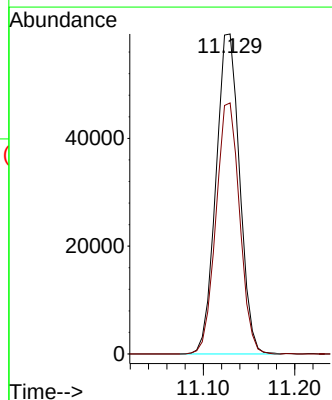
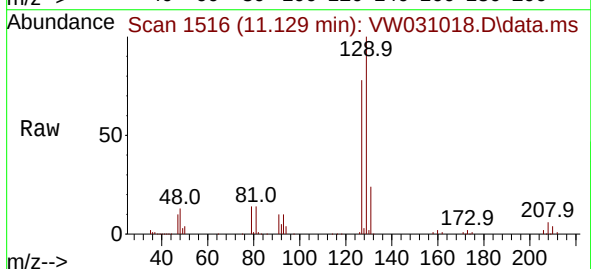
Instrument :
MSVOA_W
ClientSampleId :

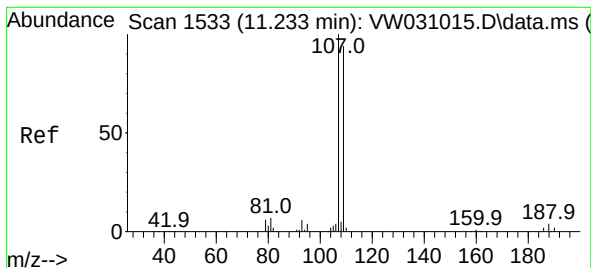
Tgt Ion:	43	Resp:	80216
Ion	Ratio	Lower	Upper
43	100		
58	60.4	43.8	65.8
57	20.6	15.4	23.2
100	15.1	10.2	15.2



#49
Dibromochloromethane
Concen: 24.337 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion:	129	Resp:	106966
Ion	Ratio	Lower	Upper
129	100		
127	78.5	52.1	96.7

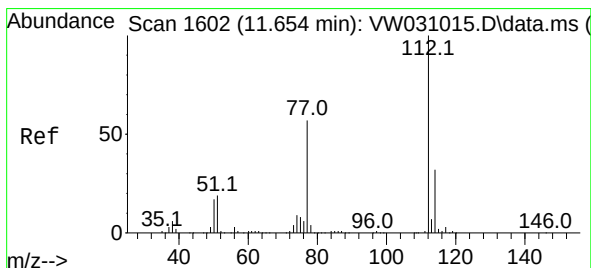
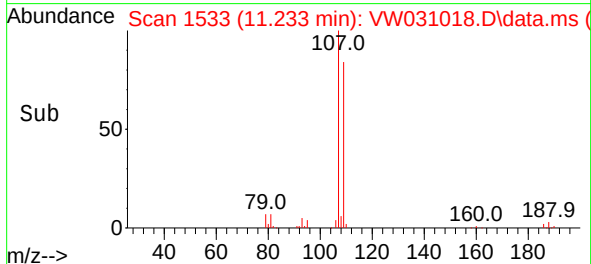
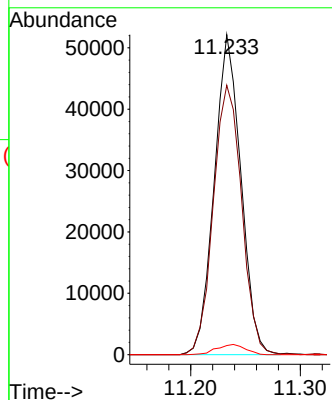
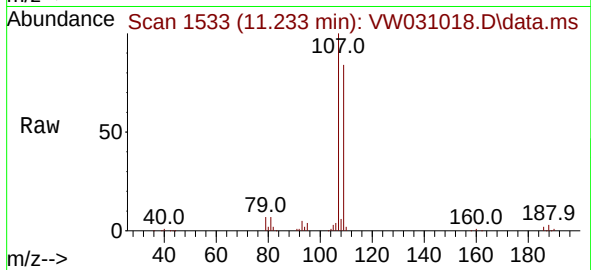




#50
1,2-Dibromoethane
Concen: 23.647 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

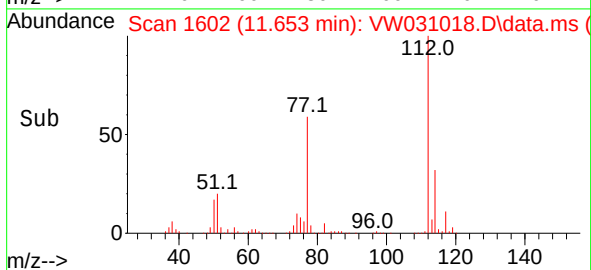
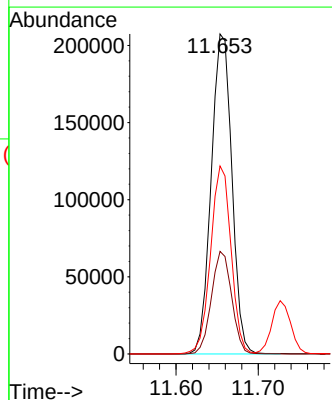
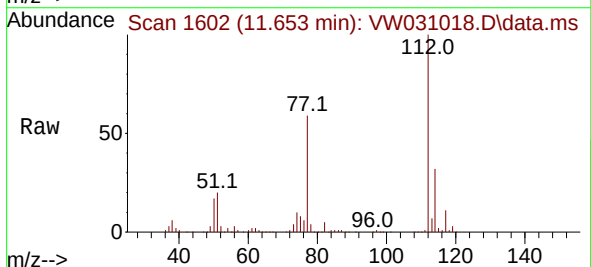
Instrument :
MSVOA_W
ClientSampleId :

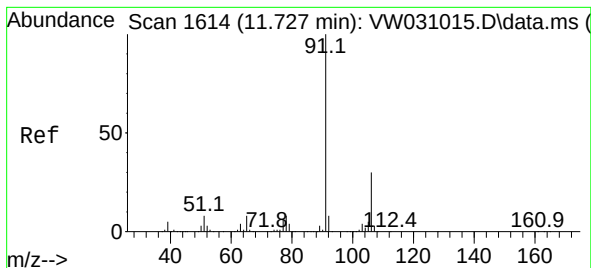
Tgt Ion:107 Resp: 87909
Ion Ratio Lower Upper
107 100
109 84.2 64.3 119.3
188 2.8 2.7 4.1



#51
Chlorobenzene
Concen: 23.774 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion:112 Resp: 362075
Ion Ratio Lower Upper
112 100
114 32.1 21.9 40.7
77 58.8 45.3 67.9





#52

Ethylbenzene

Concen: 23.421 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

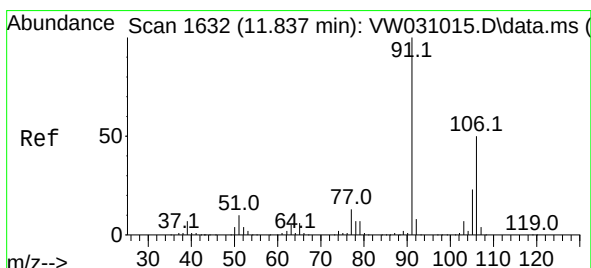
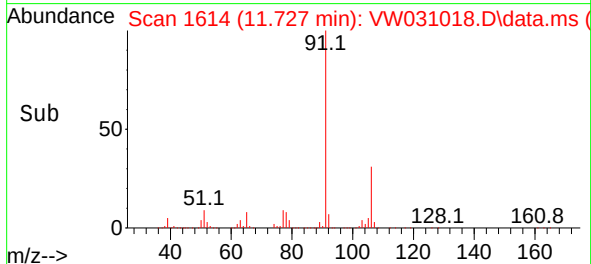
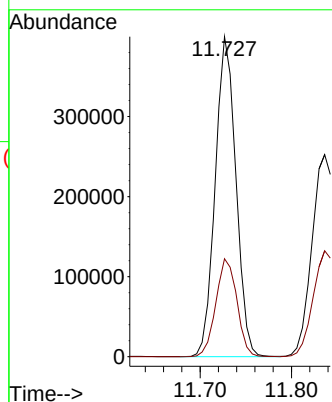
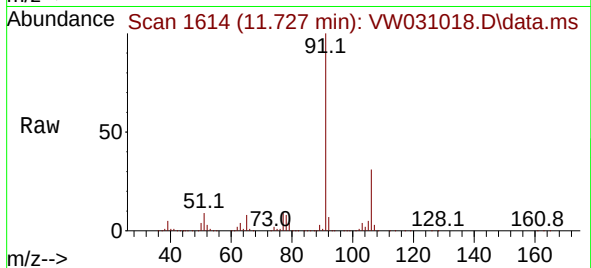
ClientSampleId :

Tgt Ion: 91 Resp: 629754

Ion Ratio Lower Upper

91 100

106 30.6 21.6 40.0



#53

m,p-Xylene

Concen: 24.102 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031018.D

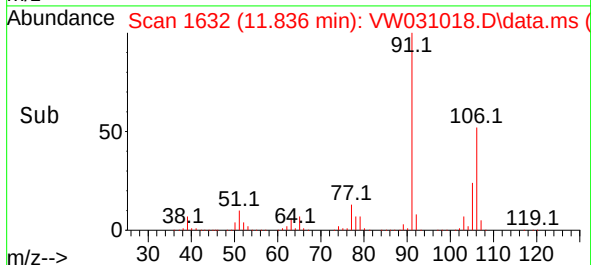
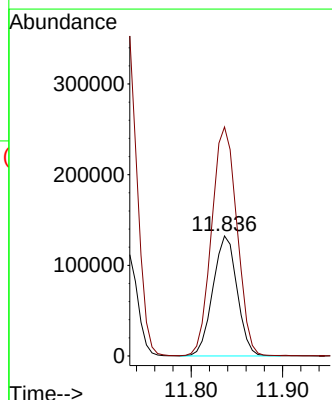
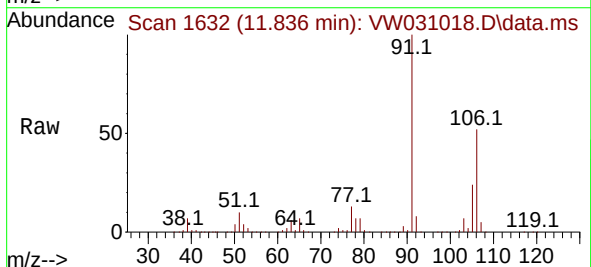
Acq: 14 Nov 2024 15:41

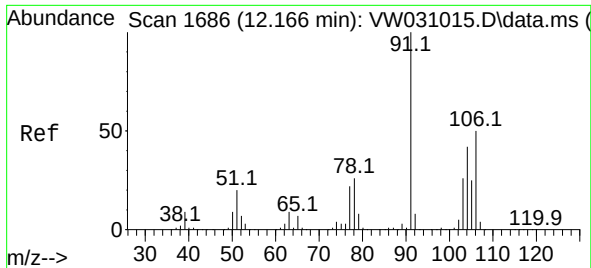
Tgt Ion:106 Resp: 243732

Ion Ratio Lower Upper

106 100

91 190.7 140.7 261.3

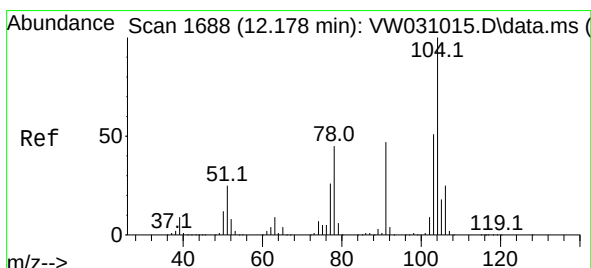
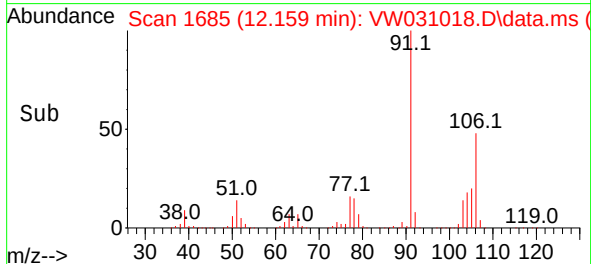
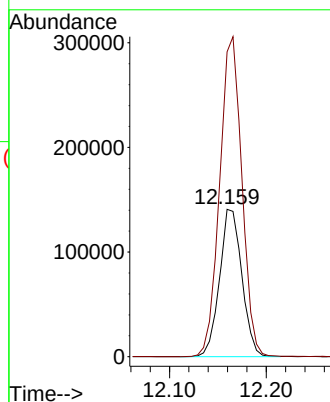
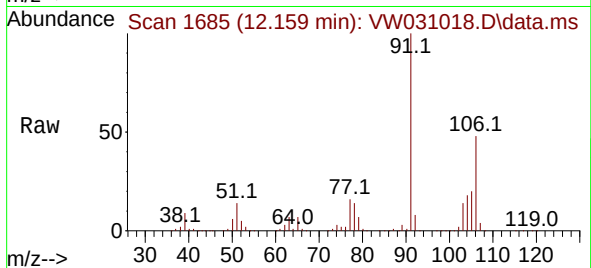




#54
o-Xylene
Concen: 24.230 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

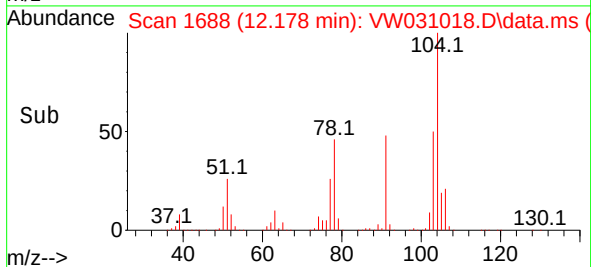
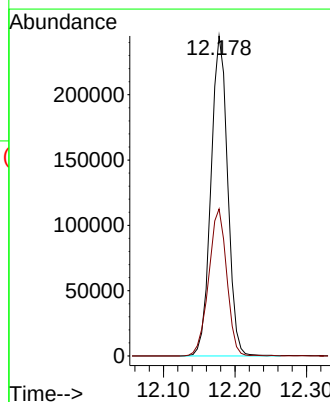
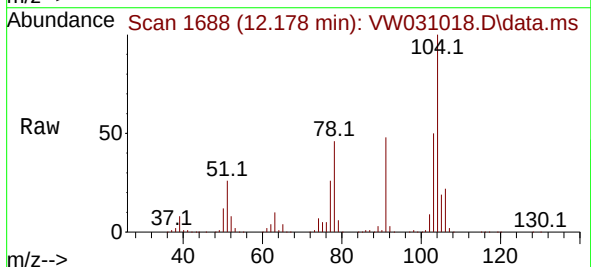
Instrument :
MSVOA_W
ClientSampleId :

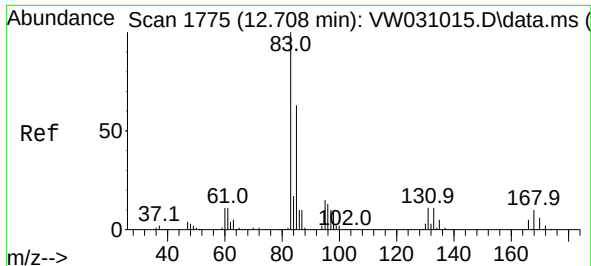
Tgt Ion:106 Resp: 225468
Ion Ratio Lower Upper
106 100
91 206.7 149.9 278.3



#55
Styrene
Concen: 25.027 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion:104 Resp: 397898
Ion Ratio Lower Upper
104 100
78 46.0 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.747 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :

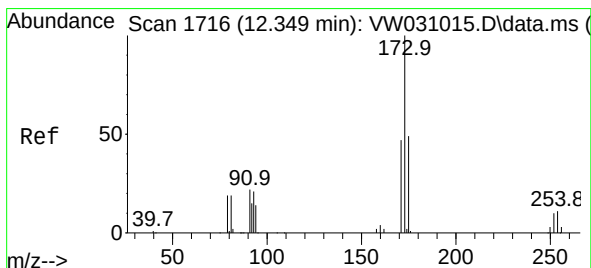
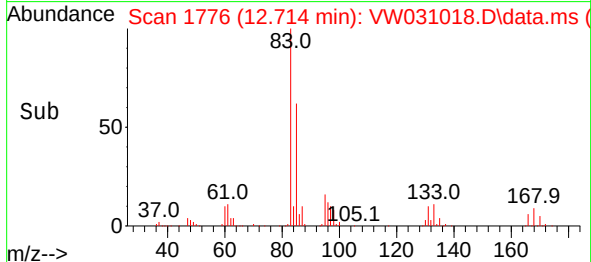
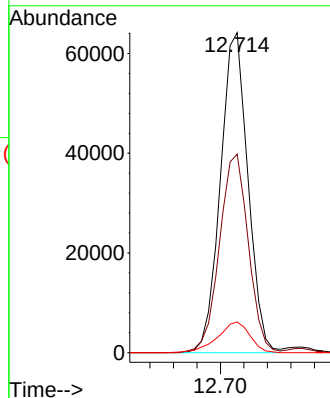
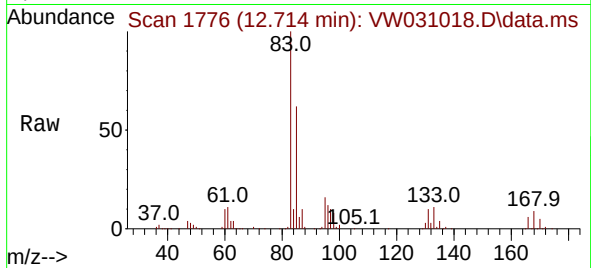
Tgt Ion: 83 Resp: 104469

Ion Ratio Lower Upper

83 100

85 62.0 45.1 83.7

131 9.6 7.7 11.5



#59

Bromoform

Concen: 23.962 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

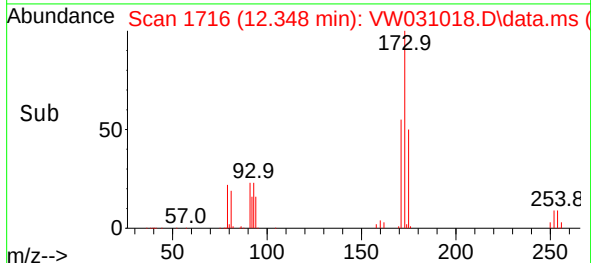
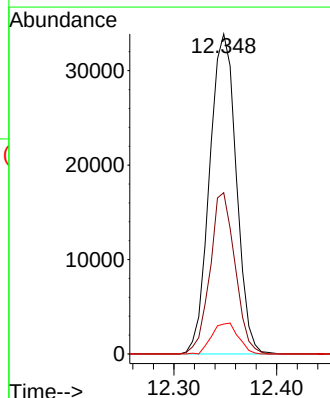
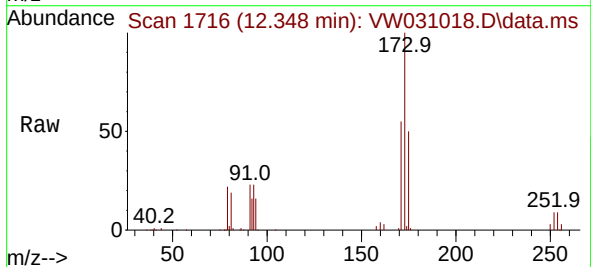
Tgt Ion:173 Resp: 61040

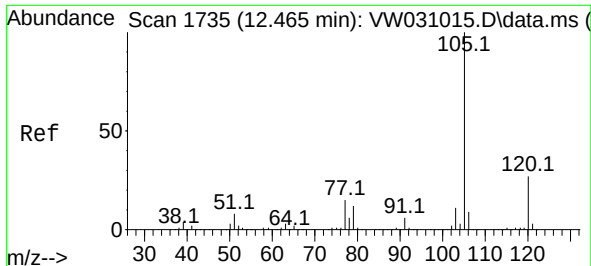
Ion Ratio Lower Upper

173 100

175 47.3 39.3 58.9

254 9.5 7.8 11.6

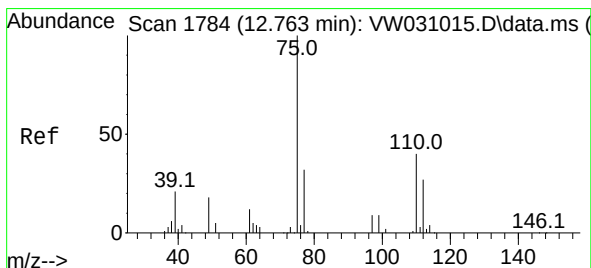
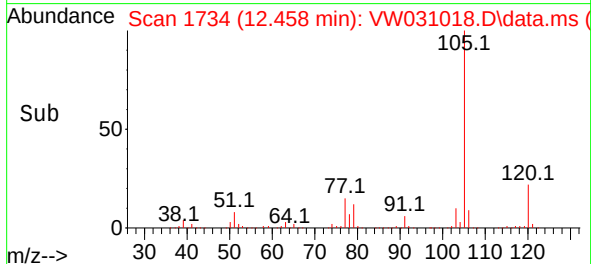
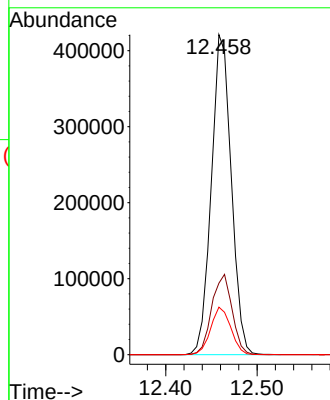
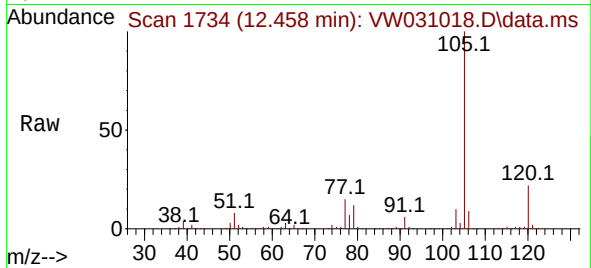




#60
Isopropylbenzene
Concen: 23.390 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

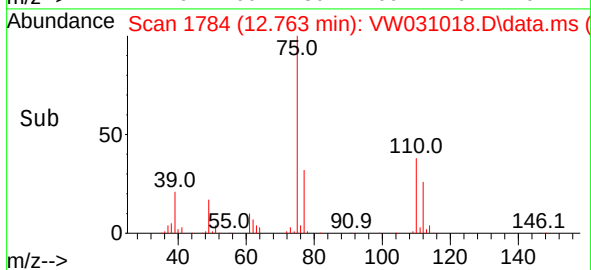
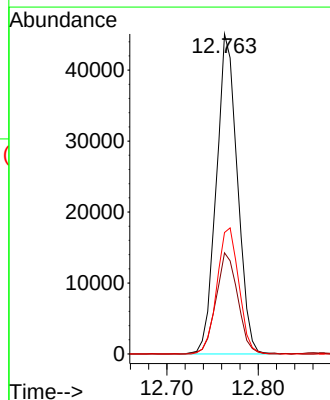
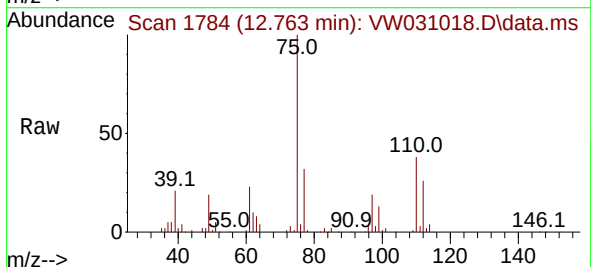
Instrument :
MSVOA_W
ClientSampleId :

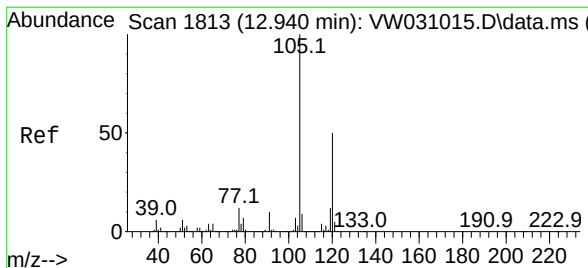
Tgt Ion:105 Resp: 636496
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 15.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 21.610 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion: 75 Resp: 72277
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 40.9 31.8 47.8

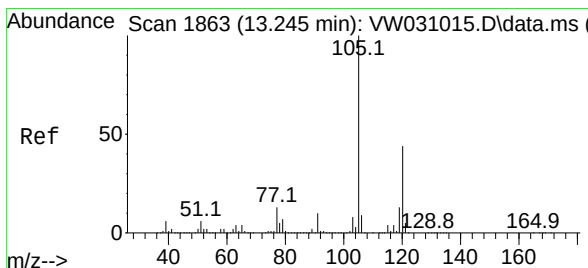
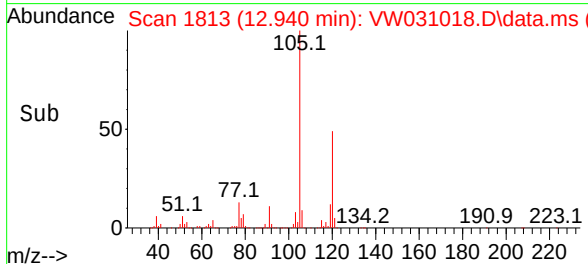
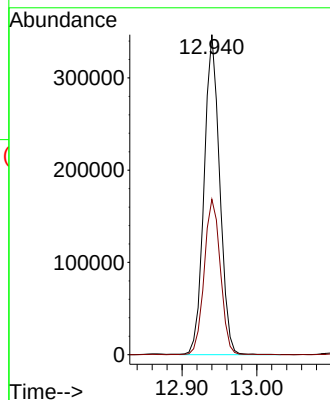
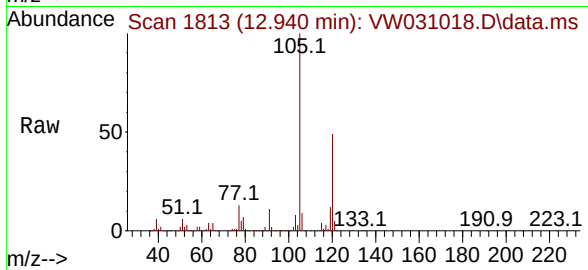




#62
1,3,5-Trimethylbenzene
Concen: 23.439 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

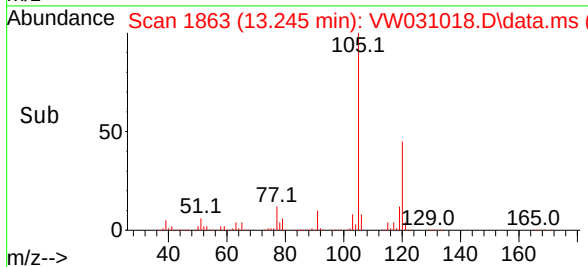
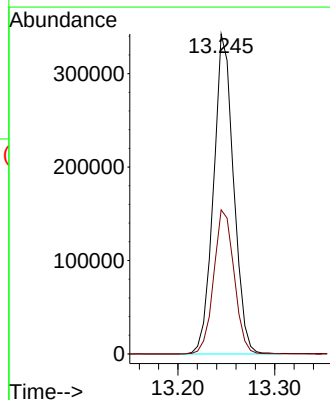
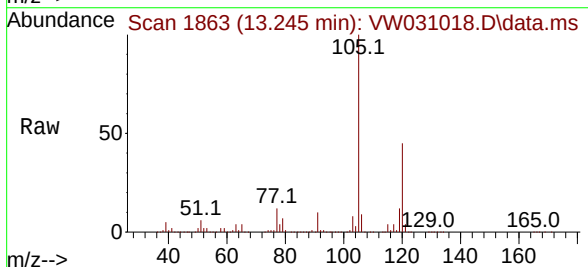
Instrument :
MSVOA_W
ClientSampleId :

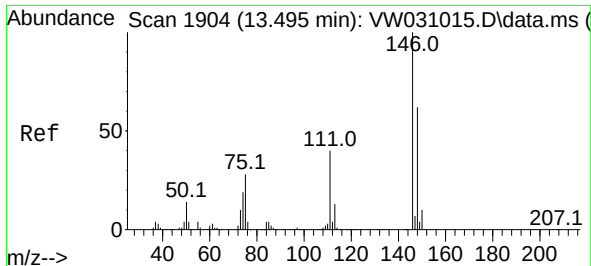
Tgt Ion:105 Resp: 502183
Ion Ratio Lower Upper
105 100
120 50.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 23.620 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

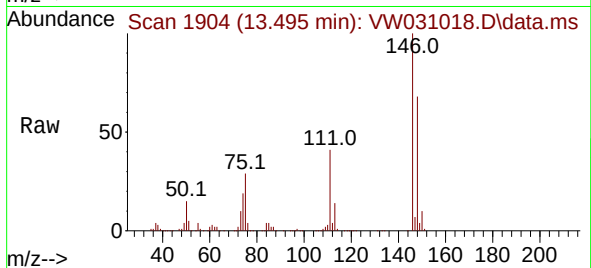
Tgt Ion:105 Resp: 492846
Ion Ratio Lower Upper
105 100
120 45.7 35.9 53.9



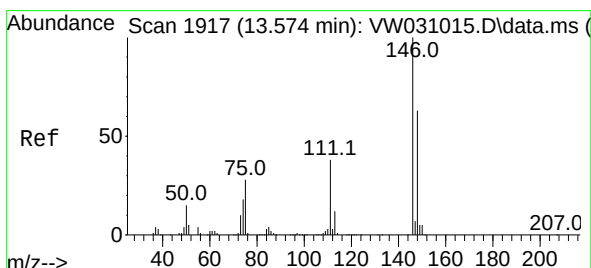
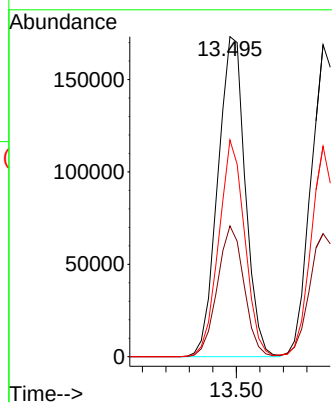
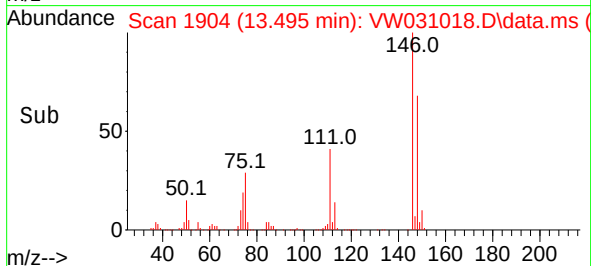


#64
1,3-Dichlorobenzene
Concen: 23.525 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

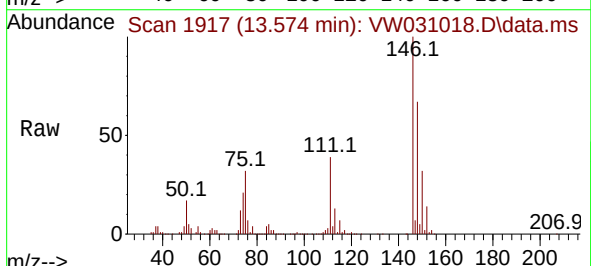
Instrument :
MSVOA_W
ClientSampleId :



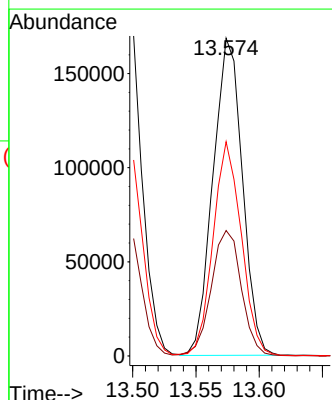
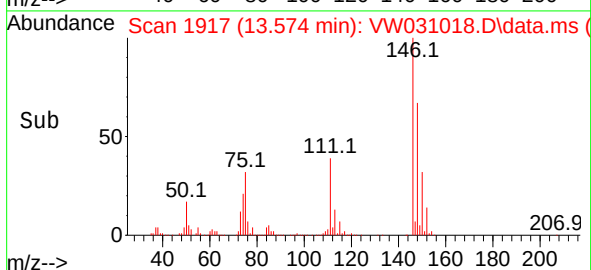
Tgt Ion:146 Resp: 281089
Ion Ratio Lower Upper
146 100
111 40.9 26.8 49.8
148 67.7 41.8 77.6

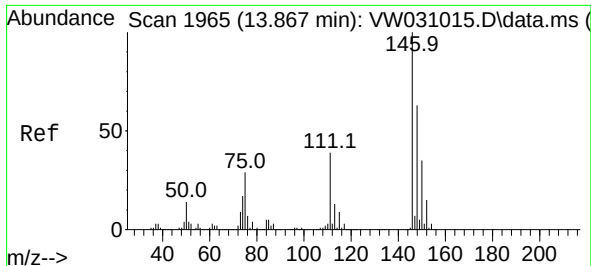


#65
1,4-Dichlorobenzene
Concen: 22.201 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41



Tgt Ion:146 Resp: 272331
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.4
148 67.4 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 22.187 ug/L

RT: 13.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :

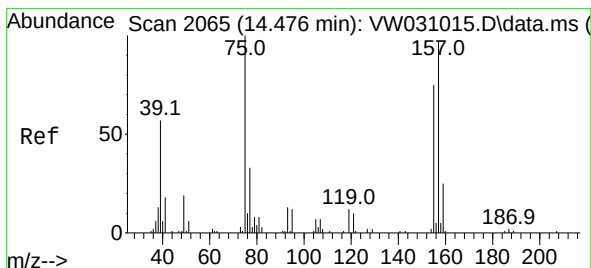
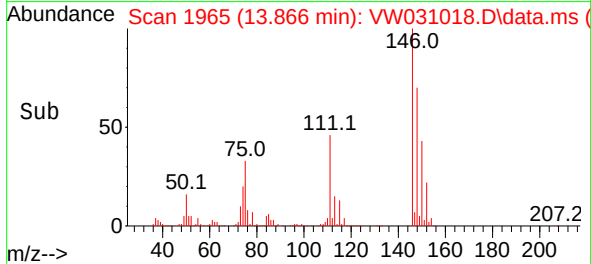
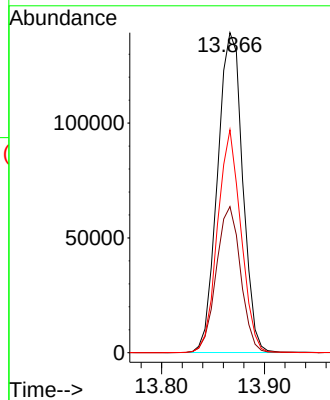
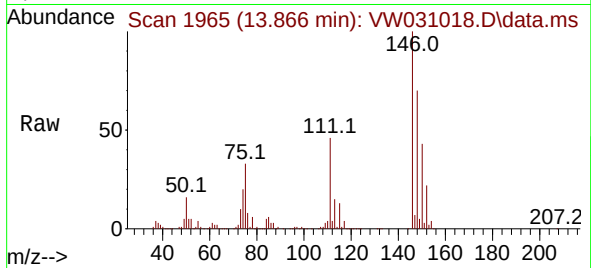
Tgt Ion:146 Resp: 236275

Ion Ratio Lower Upper

146 100

111 45.6 34.3 51.5

148 69.7 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.972 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

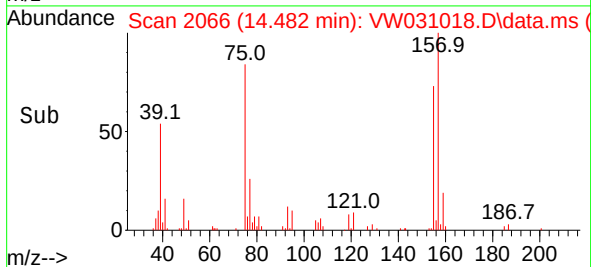
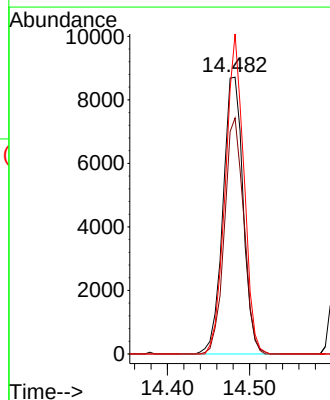
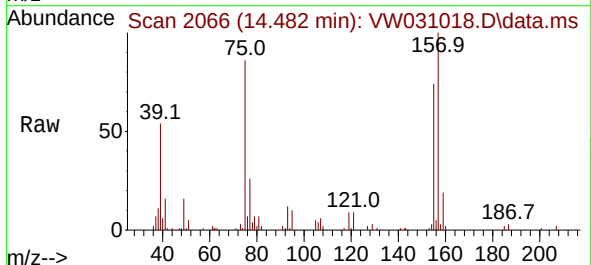
Tgt Ion: 75 Resp: 14850

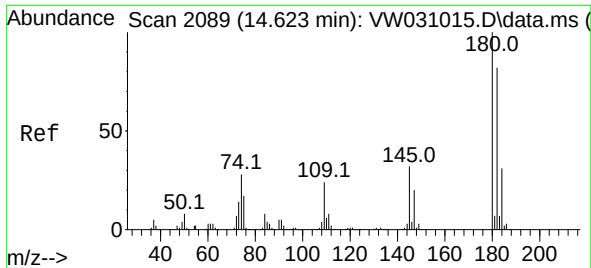
Ion Ratio Lower Upper

75 100

155 85.3 56.2 84.2#

157 115.6 74.9 112.3#





#69

1,3,5-Trichlorobenzene

Concen: 22.504 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

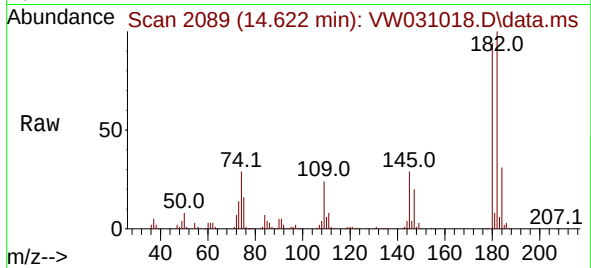
Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 178430

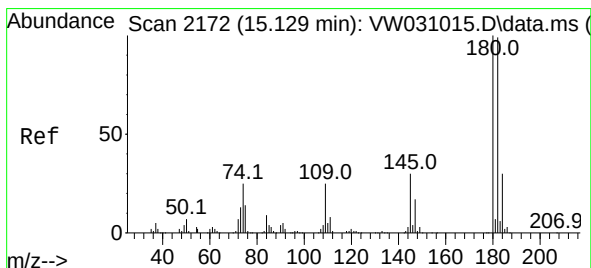
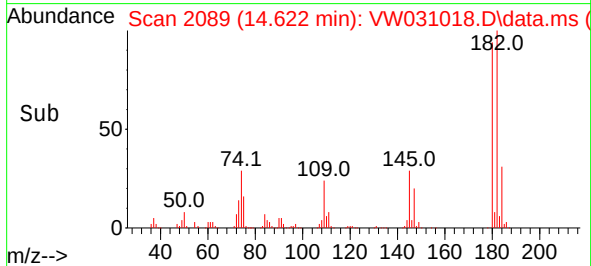
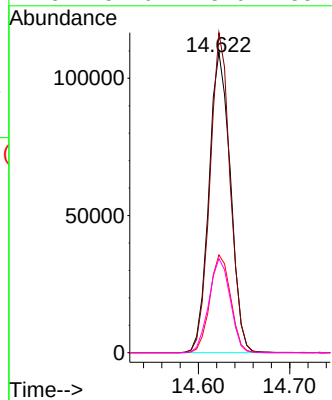
Ion Ratio Lower Upper

180 100

182 100.0 76.6 114.8

184 31.6 23.9 35.9

145 31.0 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 22.714 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031018.D

Acq: 14 Nov 2024 15:41

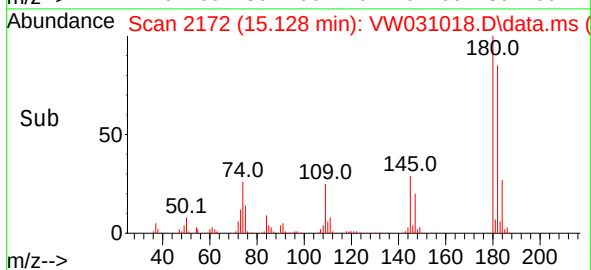
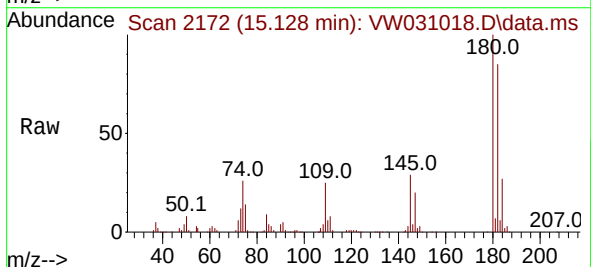
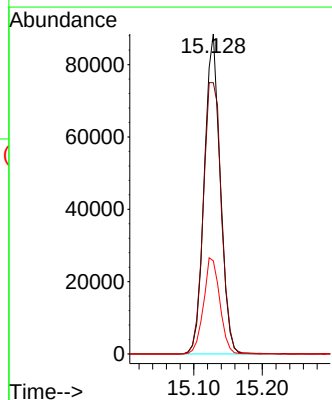
Tgt Ion:180 Resp: 143005

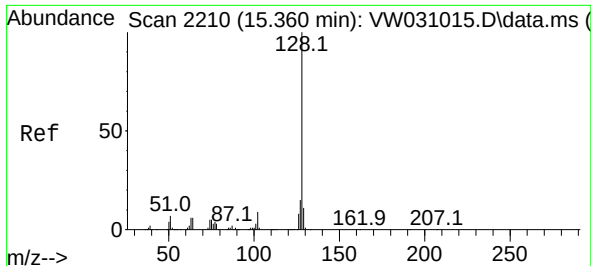
Ion Ratio Lower Upper

180 100

182 96.1 74.5 111.7

145 30.7 24.2 36.2

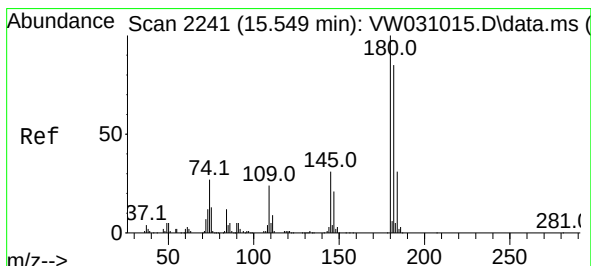
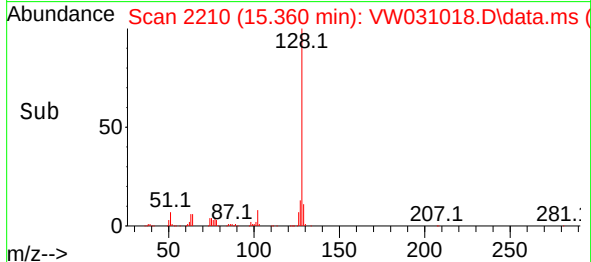
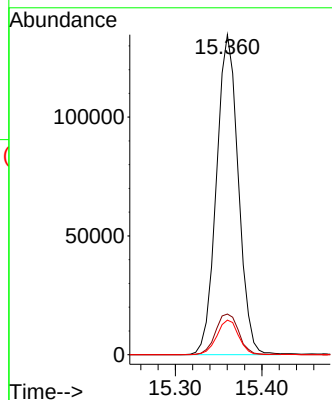
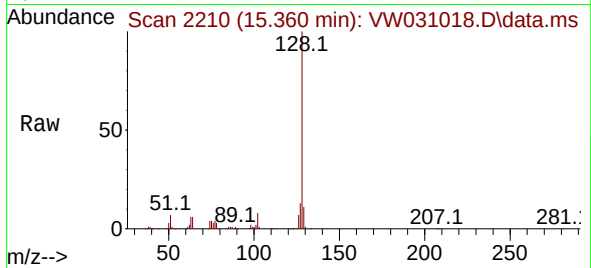




#71
Naphthalene
Concen: 23.186 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 236641
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.177 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031018.D
Acq: 14 Nov 2024 15:41

Tgt Ion:180 Resp: 125759
Ion Ratio Lower Upper
180 100
182 97.2 79.2 118.8
145 32.1 27.0 40.6

