

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111824\
 Data File : VW031039.D
 Acq On : 18 Nov 2024 11:27
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 19 00:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 16 00:35:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	354323	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	327186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171268	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	98901	17.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.080%
7) Chloroethane-d5	2.899	69	80192	17.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.960%
11) 1,1-Dichloroethene-d2	4.021	65	48062	20.044	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.160%
21) 2-Butanone-d5	7.075	46	53715	56.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.340%
24) Chloroform-d	7.648	84	249567	23.892	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.301	65	119726	23.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	8.270	84	479113	23.571	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.280%
36) 1,2-Dichloropropane-d6	9.270	67	140948	23.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.080%
41) Toluene-d8	10.319	98	420352	23.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	10.575	79	60015	24.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.840%
47) 2-Hexanone-d5	10.922	63	46499	59.877	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112842	27.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	158972	25.482	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.920%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.015	85	79445	21.050	ug/L	98
3) Chloromethane	2.223	50	96766	19.027	ug/L	97
5) Vinyl chloride	2.375	62	118347	19.636	ug/L	98
6) Bromomethane	2.790	94	79918	20.195	ug/L	97
8) Chloroethane	2.930	64	73909	20.228	ug/L	96
9) Trichlorofluoromethane	3.265	101	136918	24.892	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	130643	25.800	ug/L #	89
12) 1,1-Dichloroethene	4.045	96	127105	27.753	ug/L	80
13) Acetone	4.119	43	73421	62.860	ug/L	93
14) Carbon disulfide	4.387	76	383293	25.459	ug/L	98
15) Methyl Acetate	4.673	43	48214	28.142	ug/L	98
16) Methylene chloride	4.911	84	133254	26.602	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	139118	27.689	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	205231	30.264	ug/L	97
19) 1,1-Dichloroethane	6.216	63	245802	26.217	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	151040	28.337	ug/L	90
22) 2-Butanone	7.167	43	81990	62.683	ug/L	97
23) Bromochloromethane	7.514	128	65622	28.113	ug/L	96
25) Chloroform	7.679	83	260717	26.428	ug/L	99

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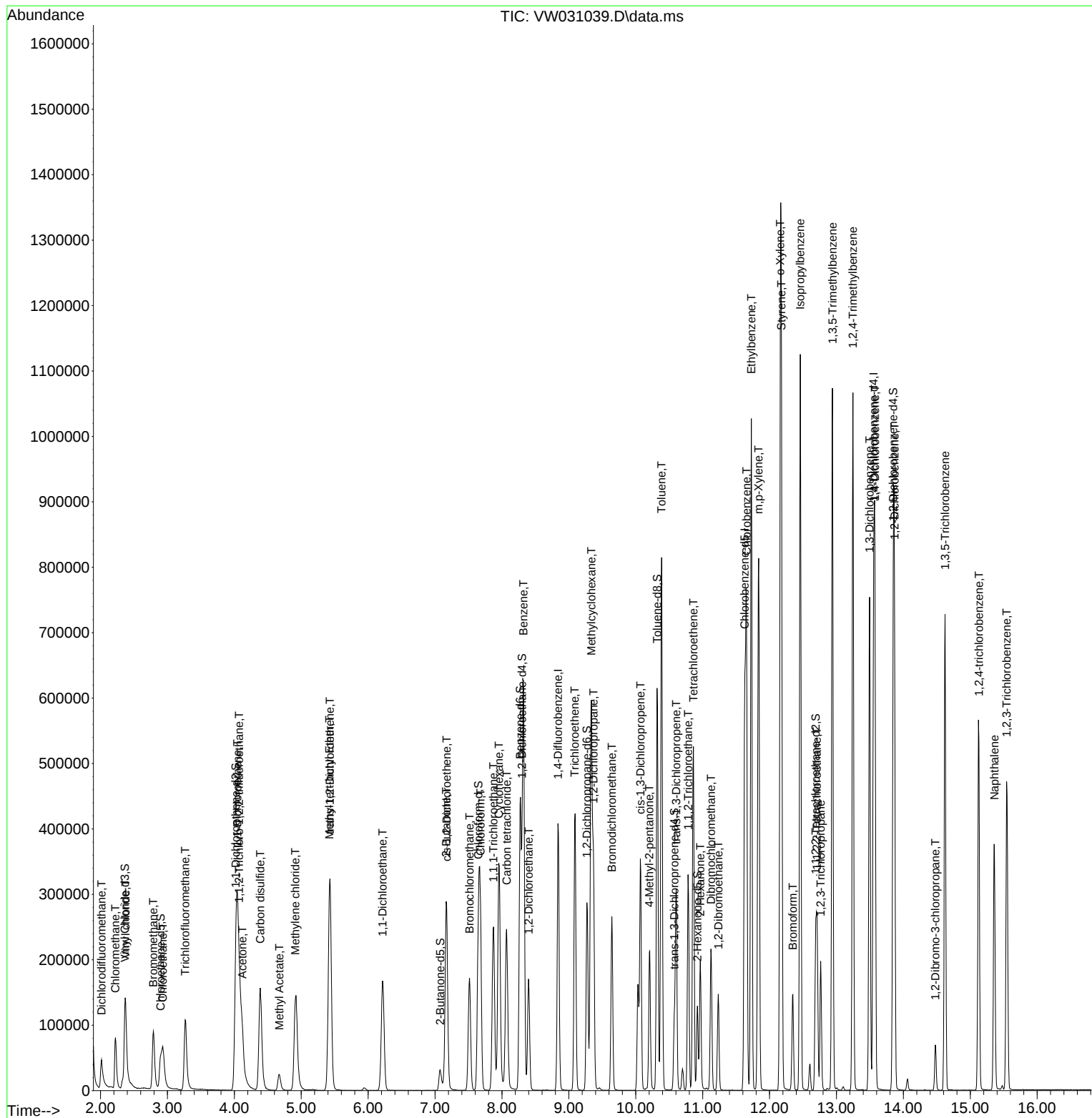
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	152225	24.777	ug/L	97
29) Cyclohexane	7.953	56	207699	26.490	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	214198	25.486	ug/L	97
31) Carbon tetrachloride	8.069	117	196589	26.031	ug/L	99
33) Benzene	8.319	78	571100	27.081	ug/L	100
34) Trichloroethene	9.087	95	153375	26.375	ug/L	90
35) Methylcyclohexane	9.337	83	259862	28.194	ug/L	96
37) 1,2-Dichloropropane	9.368	63	140922	26.738	ug/L	99
38) Bromodichloromethane	9.642	83	185249	26.765	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	220894	28.017	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	137669	57.117	ug/L	97
42) Toluene	10.386	91	611987	27.404	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	181715	27.743	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	106851	28.245	ug/L	98
46) Tetrachloroethene	10.861	164	128130	28.821	ug/L	91
48) 2-Hexanone	10.965	43	118676	64.718	ug/L	93
49) Dibromochloromethane	11.123	129	117879	28.579	ug/L	99
50) 1,2-Dibromoethane	11.233	107	100321	28.756	ug/L	100
51) Chlorobenzene	11.654	112	400714	28.037	ug/L	98
52) Ethylbenzene	11.727	91	703327	27.873	ug/L	97
53) m,p-Xylene	11.837	106	272197	28.682	ug/L	95
54) o-Xylene	12.160	106	256699	29.396	ug/L	98
55) Styrene	12.178	104	432143	28.964	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	120653	29.224	ug/L	99
59) Bromoform	12.349	173	71423	29.205	ug/L	97
60) Isopropylbenzene	12.459	105	722159	27.642	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	82297	25.630	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	592743	28.817	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	572660	28.588	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	329975	28.766	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	322048	27.346	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	289813	28.347	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	18752	27.585	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	224961	29.553	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	187199	30.971	ug/L	99
71) Naphthalene	15.360	128	336958	34.388	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	171857	32.991	ug/L	94

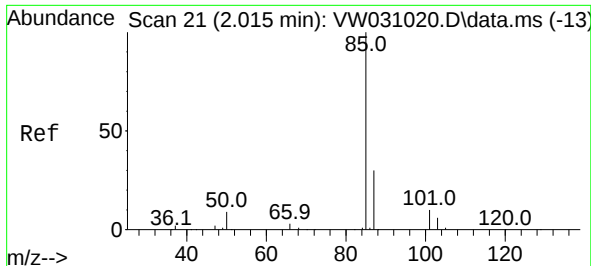
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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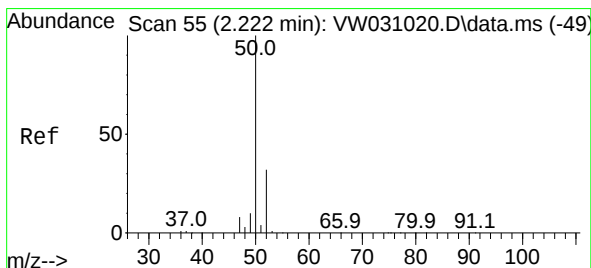
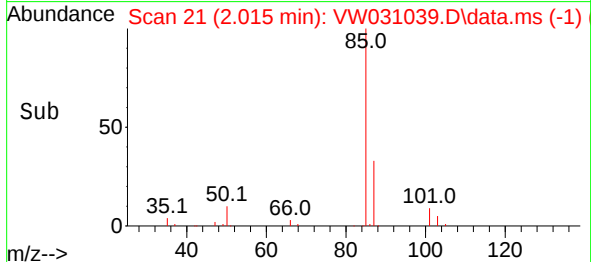
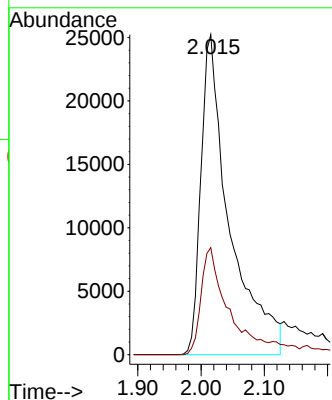
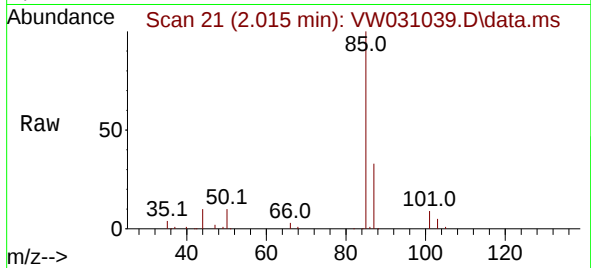




#2
Dichlorodifluoromethane
Concen: 21.050 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

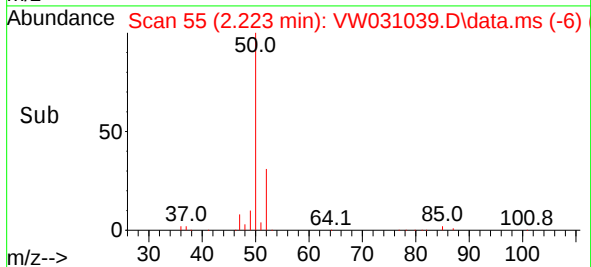
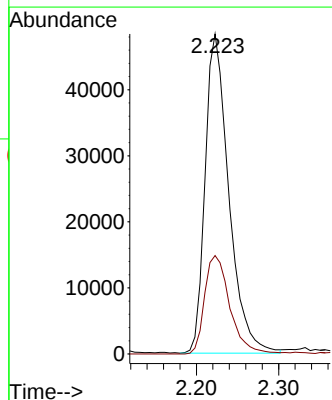
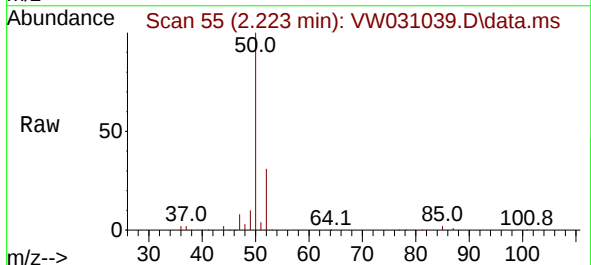
Instrument :
MSVOA_W
ClientSampleId :

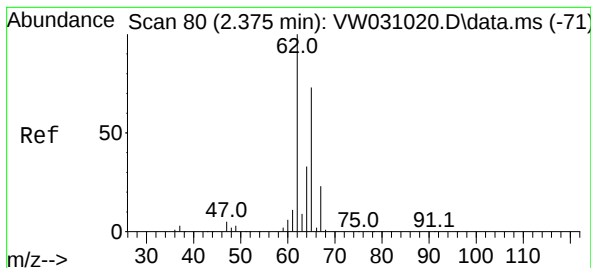
Tgt Ion: 85 Resp: 79445
Ion Ratio Lower Upper
85 100
87 31.1 24.2 36.4



#3
Chloromethane
Concen: 19.027 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion: 50 Resp: 96766
Ion Ratio Lower Upper
50 100
52 30.8 22.5 41.9





#5

Vinyl chloride

Concen: 19.636 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

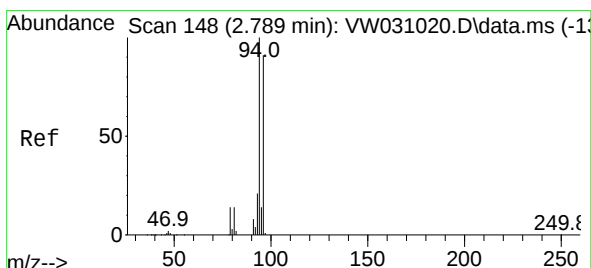
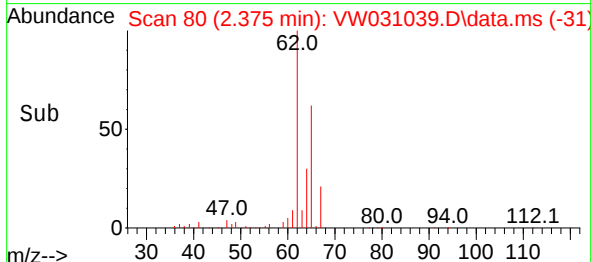
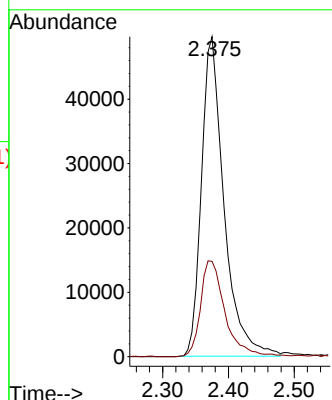
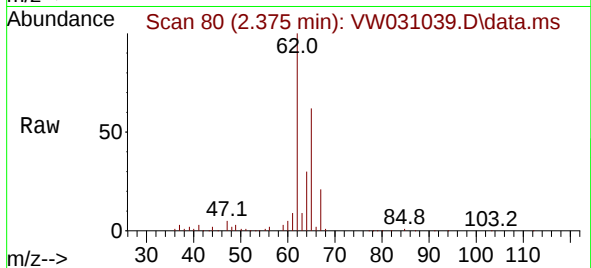
ClientSampleId :

Tgt Ion: 62 Resp: 118347

Ion Ratio Lower Upper

62 100

64 29.8 21.7 40.3



#6

Bromomethane

Concen: 20.195 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031039.D

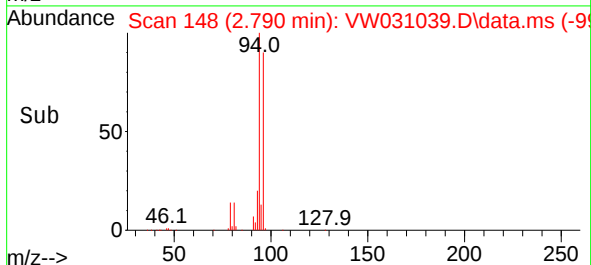
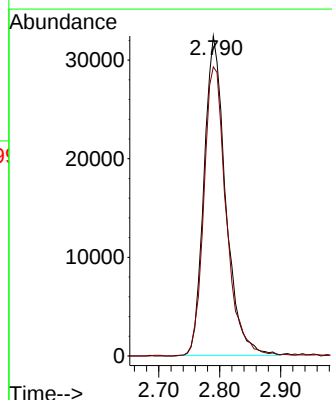
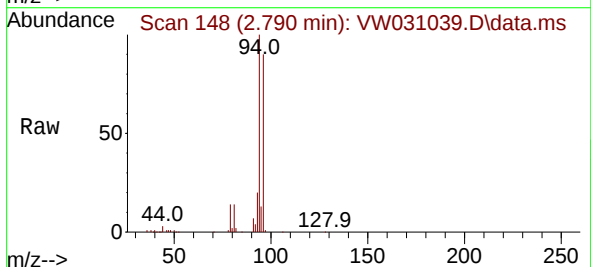
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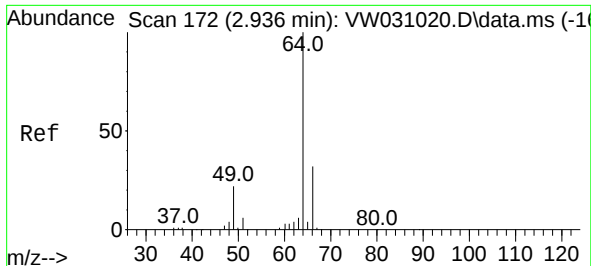
Tgt Ion: 94 Resp: 79918

Ion Ratio Lower Upper

94 100

96 90.3 61.6 114.4

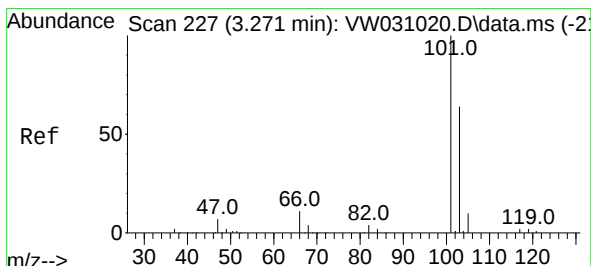
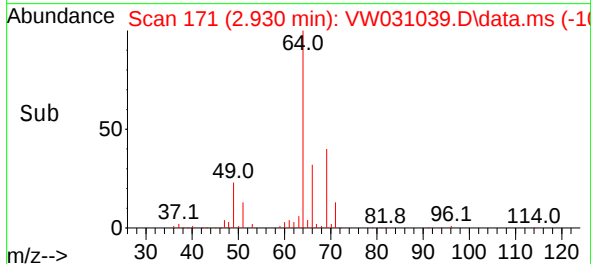
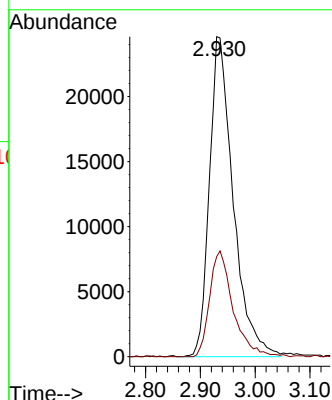
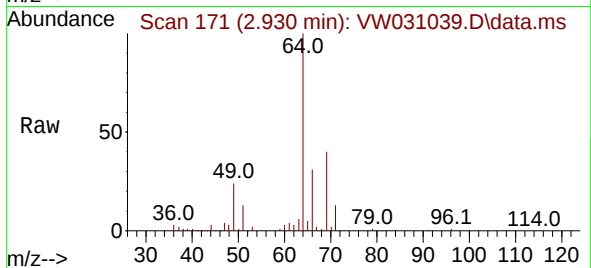




#8
Chloroethane
Concen: 20.228 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

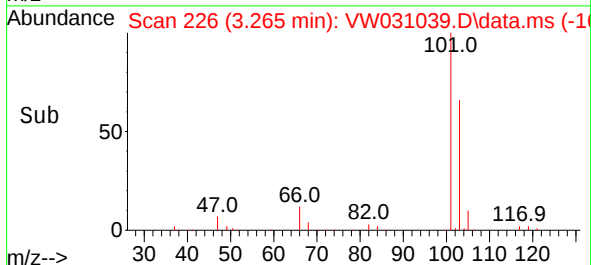
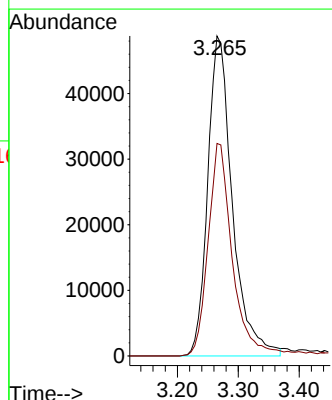
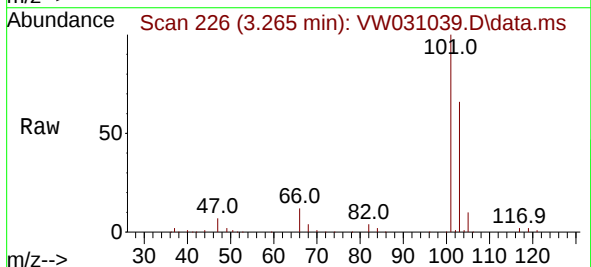
Instrument :
MSVOA_W
ClientSampleId :

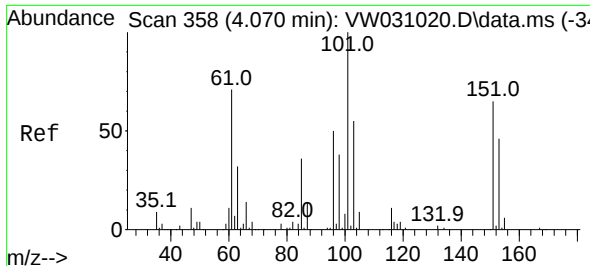
Tgt Ion: 64 Resp: 73909
Ion Ratio Lower Upper
64 100
66 31.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 24.892 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion:101 Resp: 136918
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6





#10

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

Concen: 25.800 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

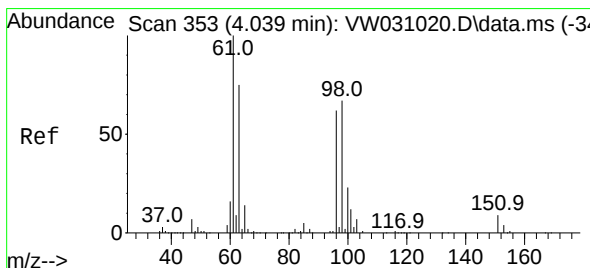
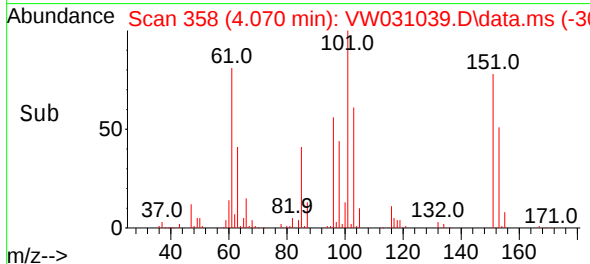
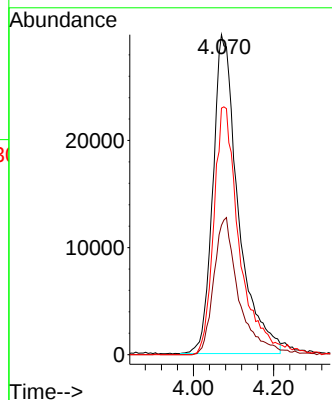
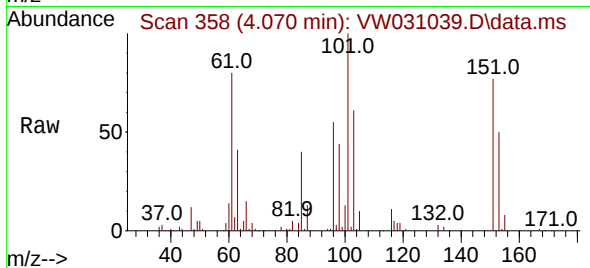
Tgt Ion:101 Resp: 130643

Ion Ratio Lower Upper

101 100

85 42.1 32.9 49.3

151 76.6 51.0 76.6#



#12

1,1-Dichloroethene

Concen: 27.753 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

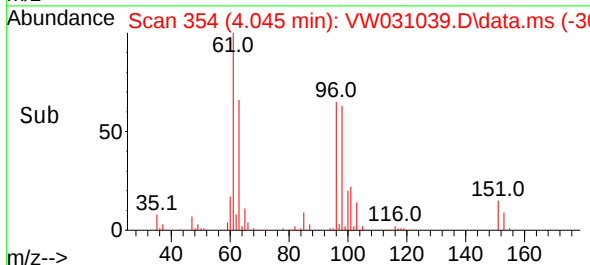
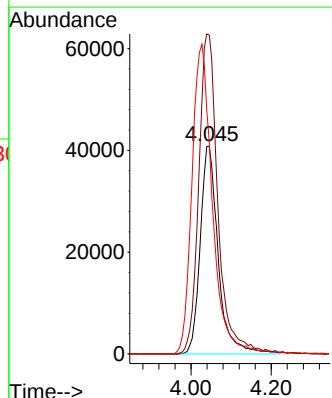
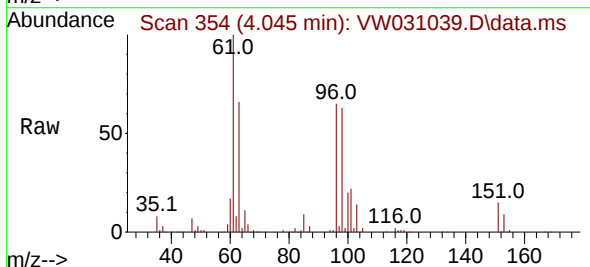
Tgt Ion: 96 Resp: 127105

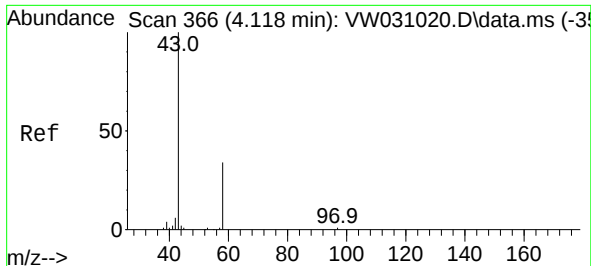
Ion Ratio Lower Upper

96 100

61 153.6 118.9 220.7

63 102.1 97.8 181.6

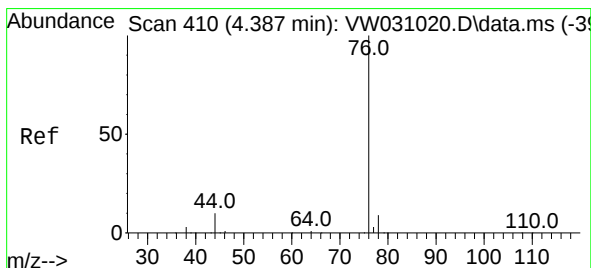
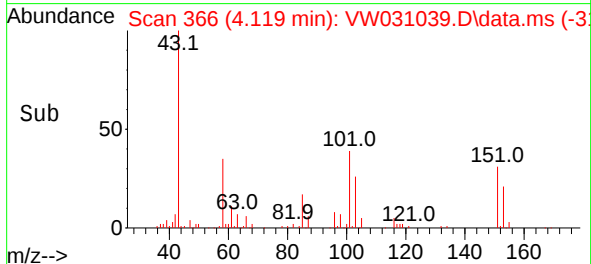
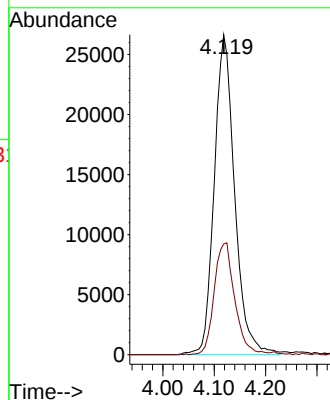
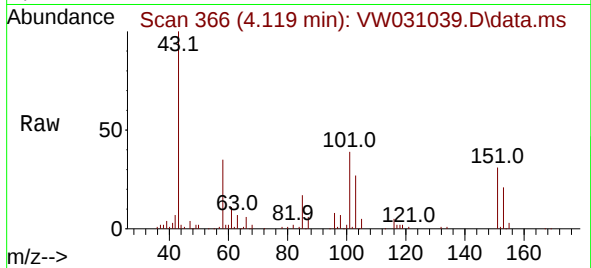




#13
Acetone
Concen: 62.860 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

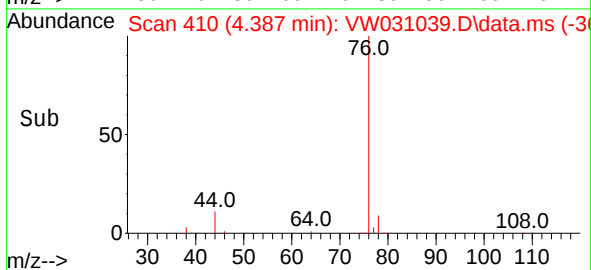
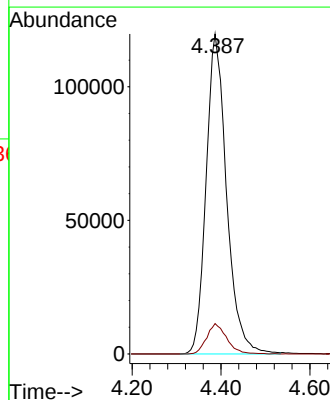
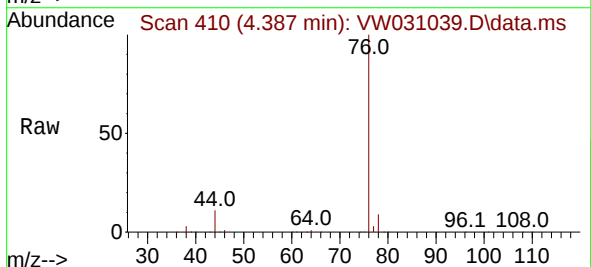
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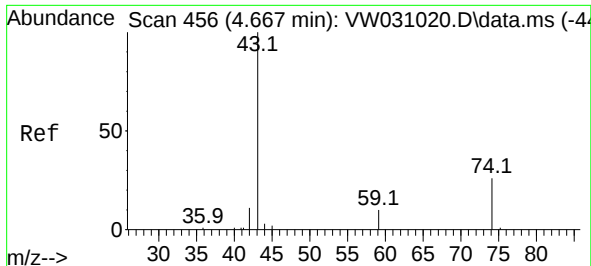
Tgt Ion: 43 Resp: 73421
Ion Ratio Lower Upper
43 100
58 35.3 0.0 62.6



#14
Carbon disulfide
Concen: 25.459 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 383293
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

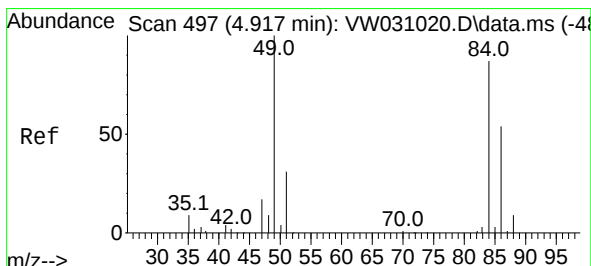
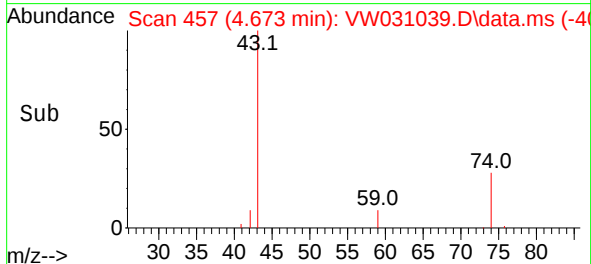
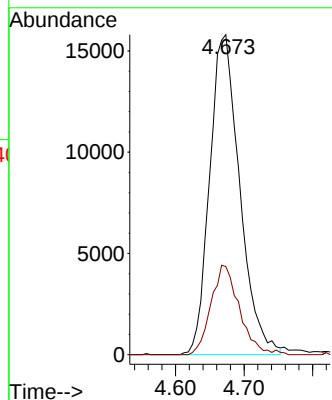
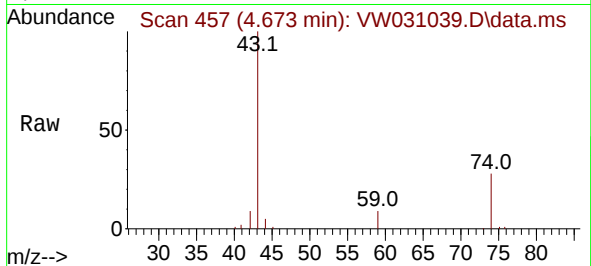




#15
Methyl Acetate
Concen: 28.142 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

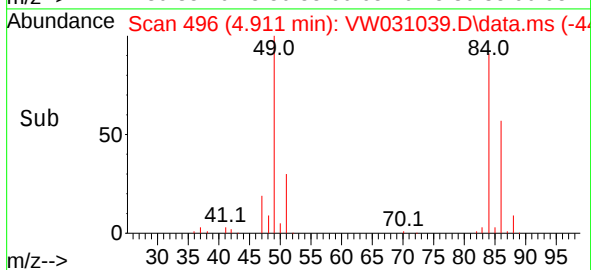
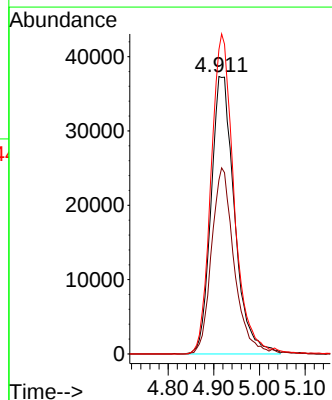
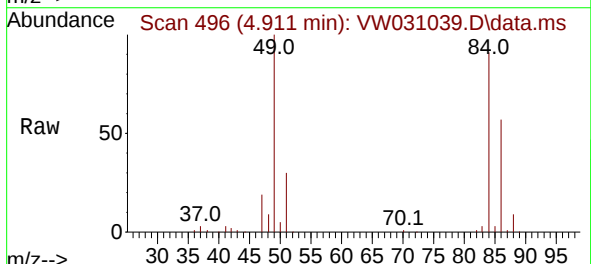
Instrument :
MSVOA_W
ClientSampleId :

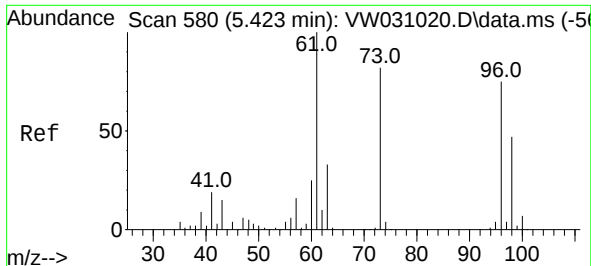
Tgt Ion: 43 Resp: 48214
Ion Ratio Lower Upper
43 100
74 26.1 20.2 30.2



#16
Methylene chloride
Concen: 26.602 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion: 84 Resp: 133254
Ion Ratio Lower Upper
84 100
86 62.7 41.8 77.6
49 109.7 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 27.689 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

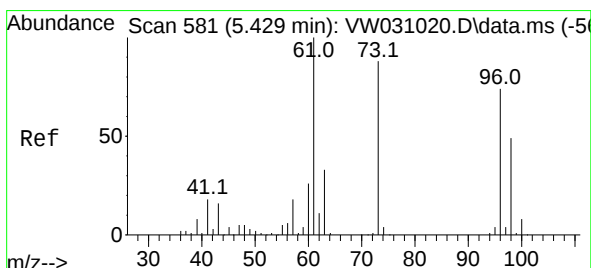
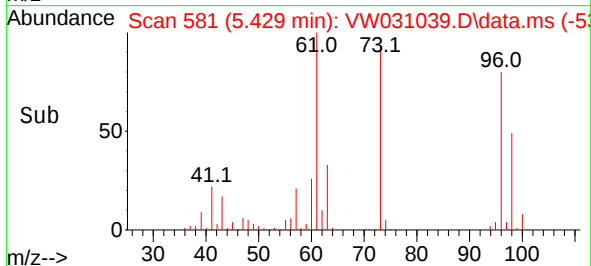
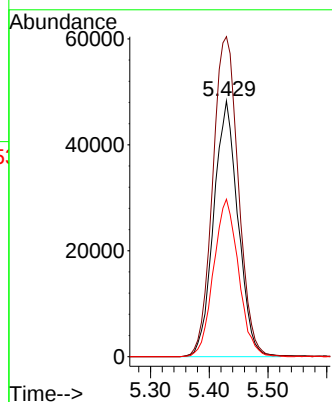
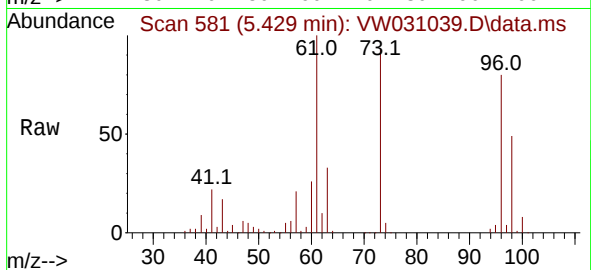
Tgt Ion: 96 Resp: 139118

Ion Ratio Lower Upper

96 100

61 125.2 95.2 176.8

98 61.6 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 30.264 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

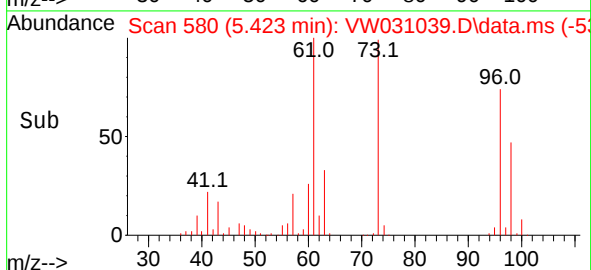
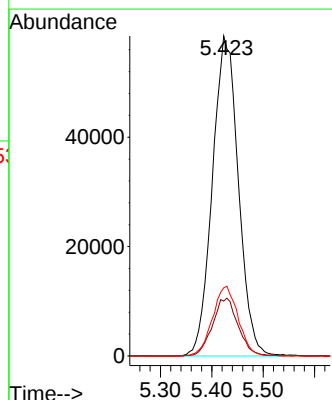
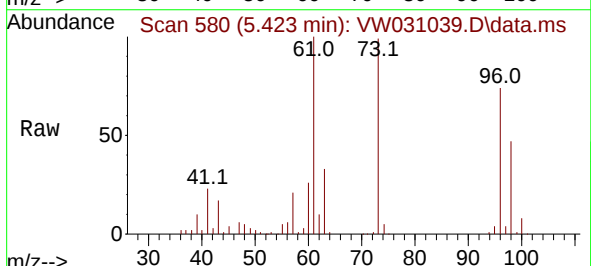
Tgt Ion: 73 Resp: 205231

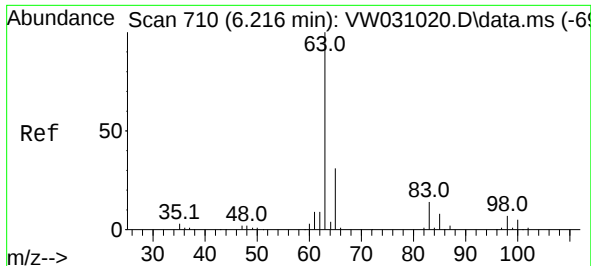
Ion Ratio Lower Upper

73 100

43 17.5 16.2 24.2

57 21.5 17.3 25.9

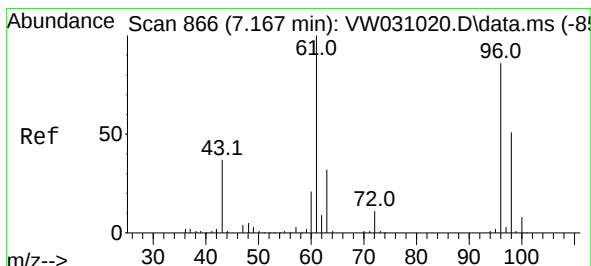
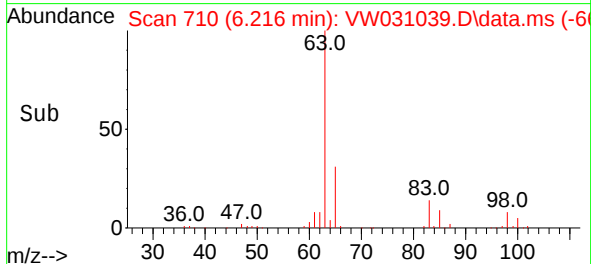
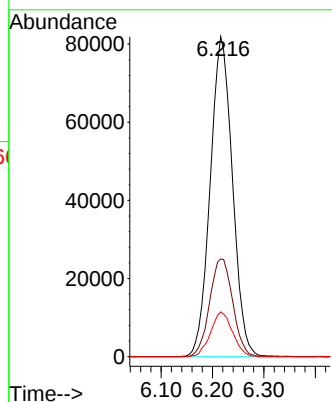
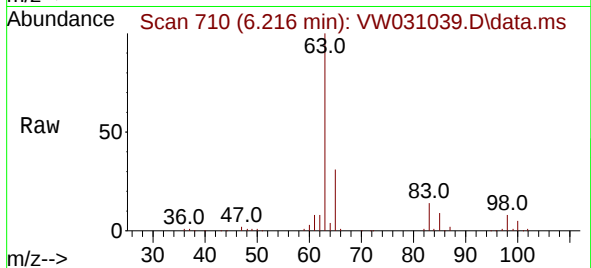




#19
 1,1-Dichloroethane
 Concen: 26.217 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VW031039.D
 Acq: 18 Nov 2024 11:27

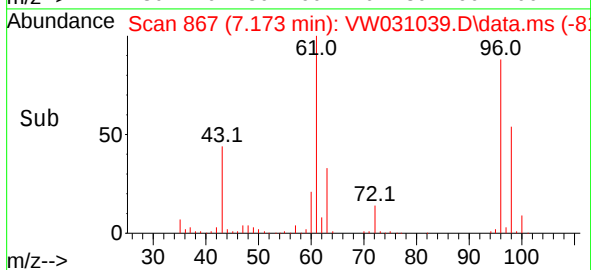
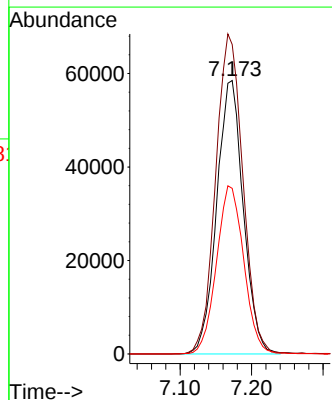
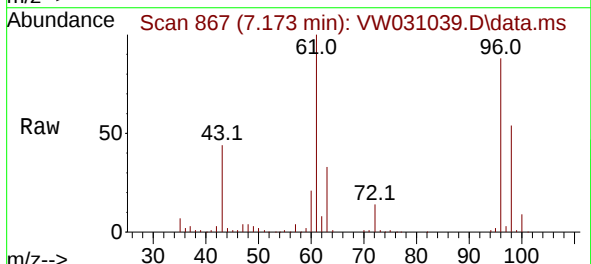
Instrument :
 MSVOA_W
 ClientSampleId :

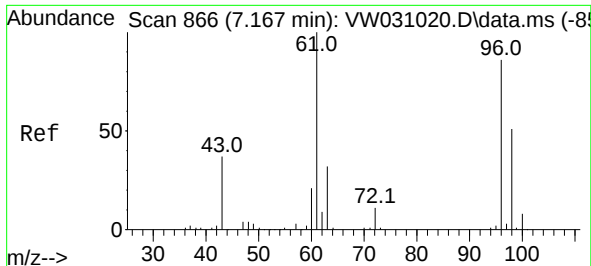
Tgt Ion: 63 Resp: 245802
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.0 42.8
 83 14.0 9.8 18.2



#20
 cis-1,2-Dichloroethene
 Concen: 28.337 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW031039.D
 Acq: 18 Nov 2024 11:27

Tgt Ion: 96 Resp: 151040
 Ion Ratio Lower Upper
 96 100
 61 113.2 89.2 165.8
 98 60.6 45.1 83.9





#22

2-Butanone

Concen: 62.683 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

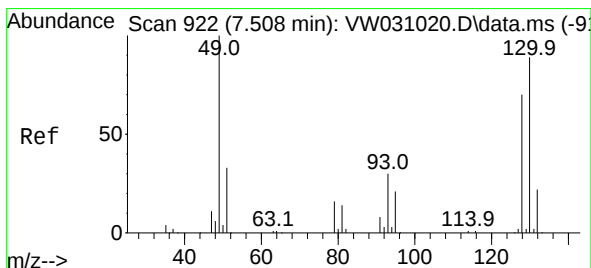
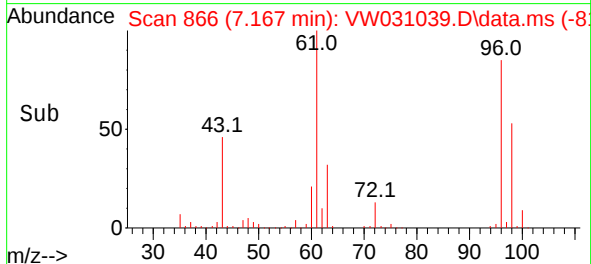
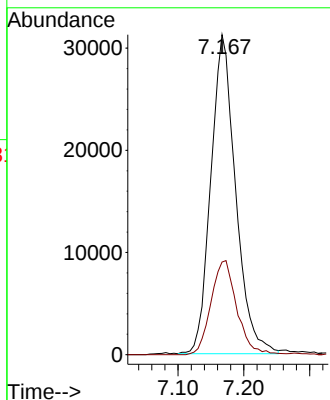
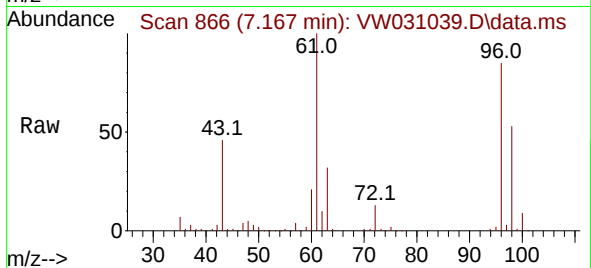
ClientSampleId :

Tgt Ion: 43 Resp: 81990

Ion Ratio Lower Upper

43 100

72 30.6 14.5 43.6



#23

Bromochloromethane

Concen: 28.113 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Tgt Ion: 128 Resp: 65622

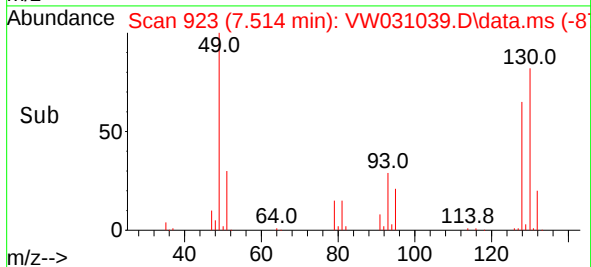
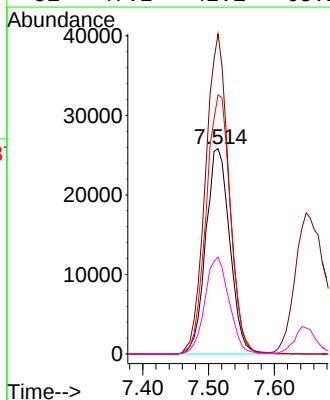
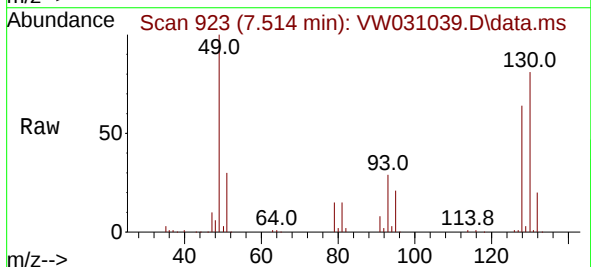
Ion Ratio Lower Upper

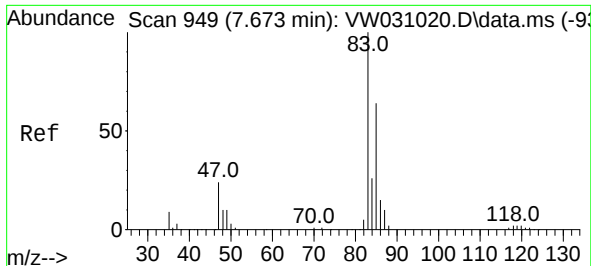
128 100

49 155.8 112.4 208.8

130 126.1 86.2 160.0

51 47.2 42.1 63.1





#25

Chloroform

Concen: 26.428 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

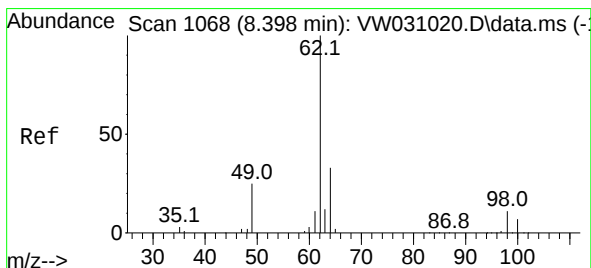
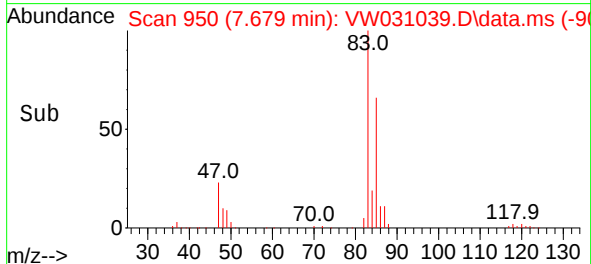
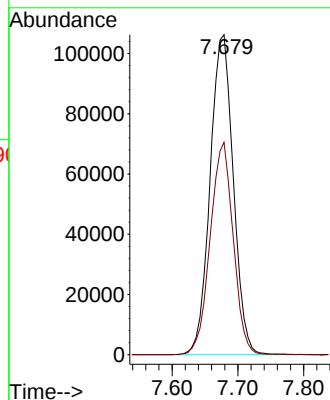
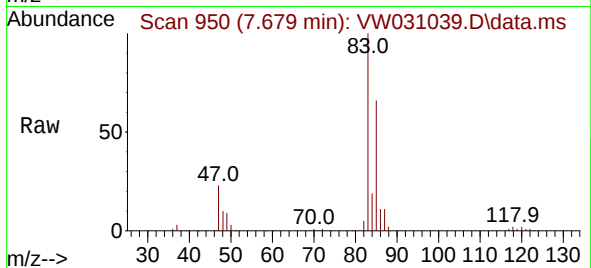
ClientSampleId :

Tgt Ion: 83 Resp: 260717

Ion Ratio Lower Upper

83 100

85 66.3 47.2 87.6



#27

1,2-Dichloroethane

Concen: 24.777 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031039.D

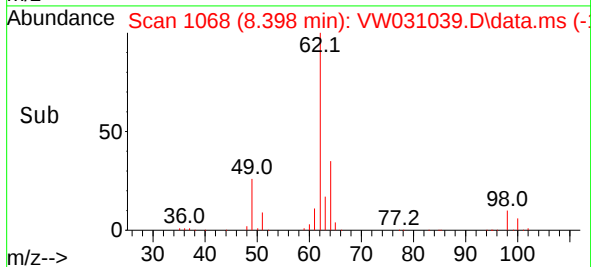
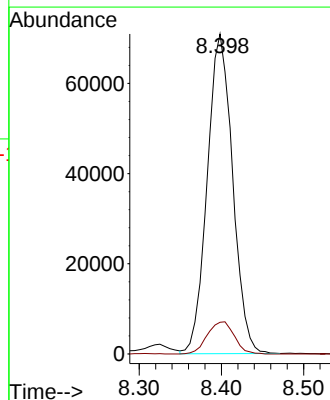
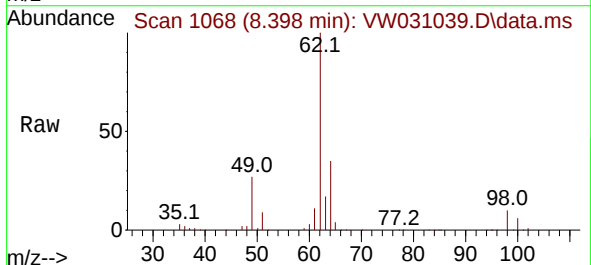
Acq: 18 Nov 2024 11:27

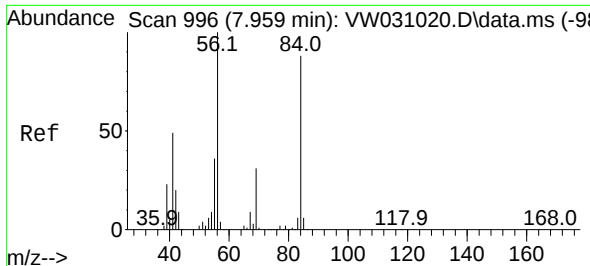
Tgt Ion: 62 Resp: 152225

Ion Ratio Lower Upper

62 100

98 9.9 7.1 10.7





#29

Cyclohexane

Concen: 26.490 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

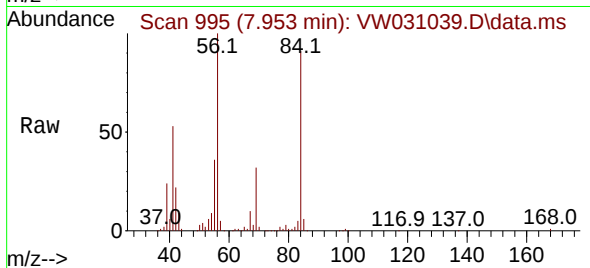
Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :



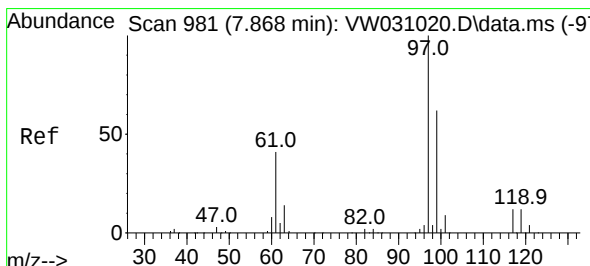
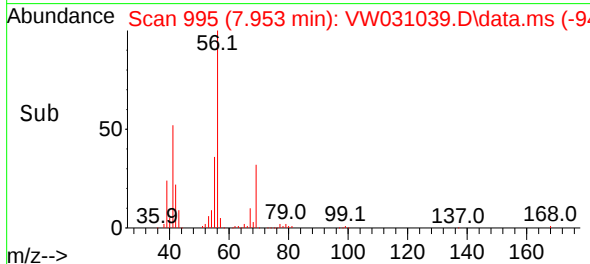
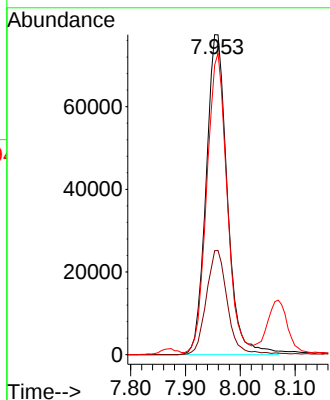
Tgt Ion: 56 Resp: 207699

Ion Ratio Lower Upper

56 100

69 31.7 24.8 37.2

84 89.7 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 25.486 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

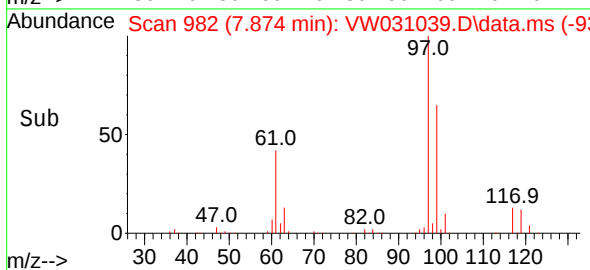
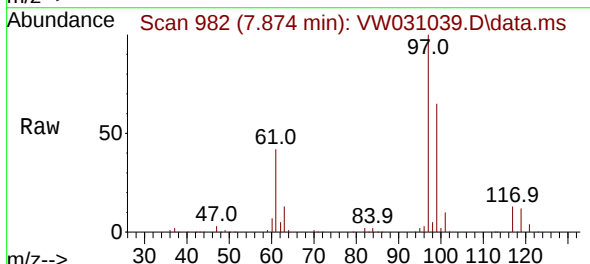
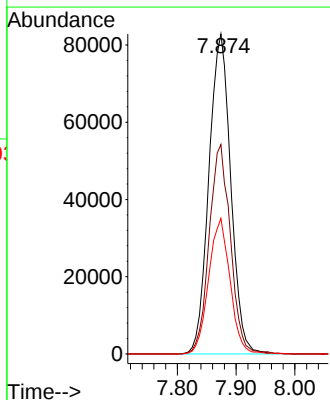
Tgt Ion: 97 Resp: 214198

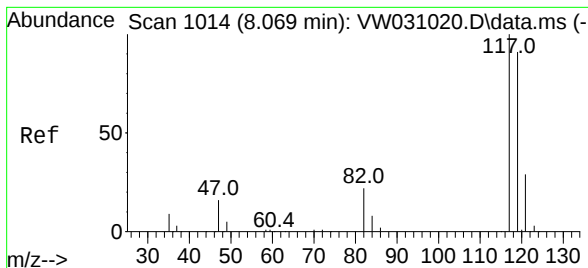
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 41.4 36.2 54.4

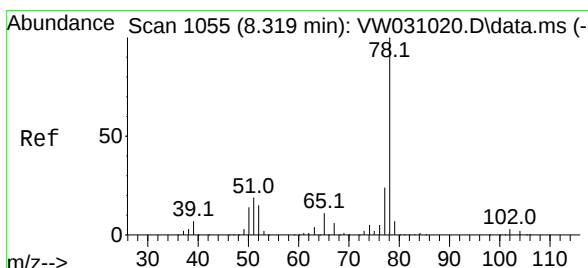
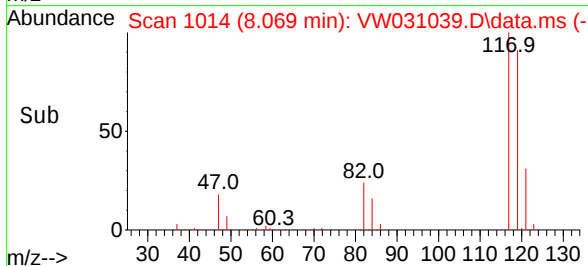
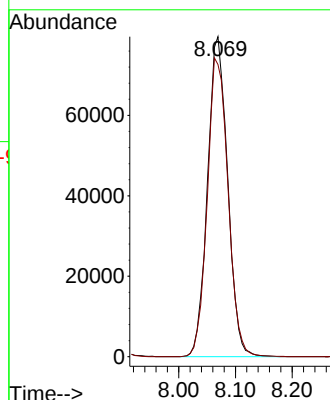
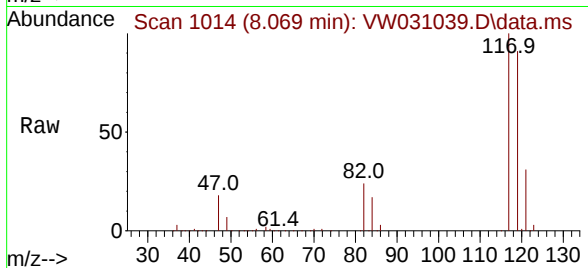




#31
Carbon tetrachloride
Concen: 26.031 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

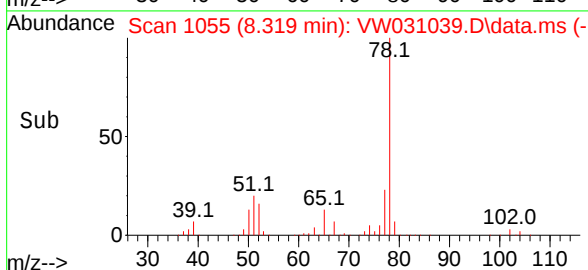
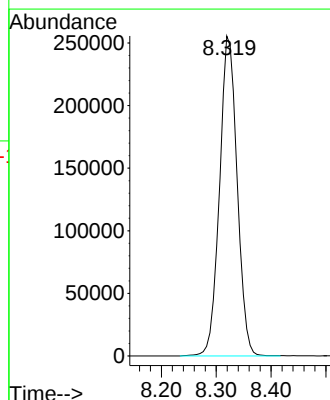
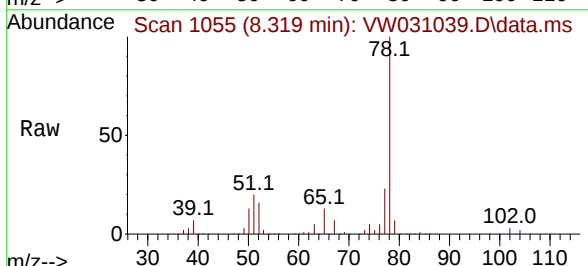
Instrument :
MSVOA_W
ClientSampleId :

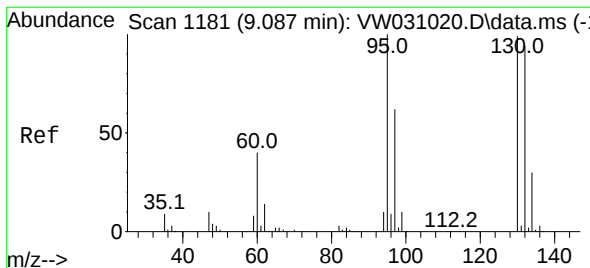
Tgt Ion:117 Resp: 196589
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.2



#33
Benzene
Concen: 27.081 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion: 78 Resp: 571100





#34

Trichloroethene

Concen: 26.375 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 153375

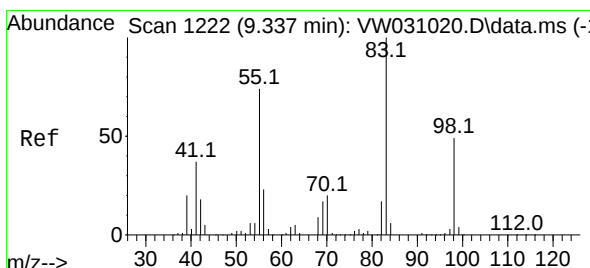
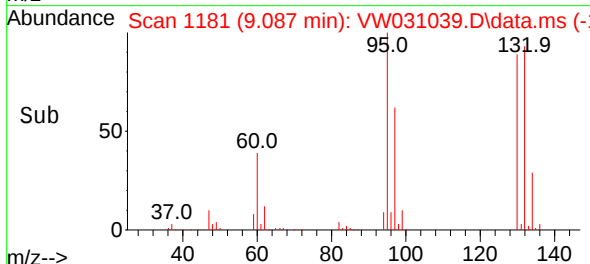
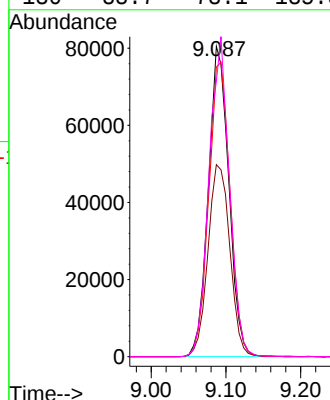
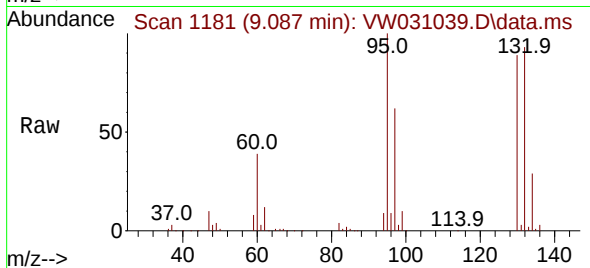
Ion Ratio Lower Upper

95 100

97 61.9 48.9 90.7

132 93.3 67.7 125.7

130 88.7 73.1 135.8



#35

Methylcyclohexane

Concen: 28.194 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

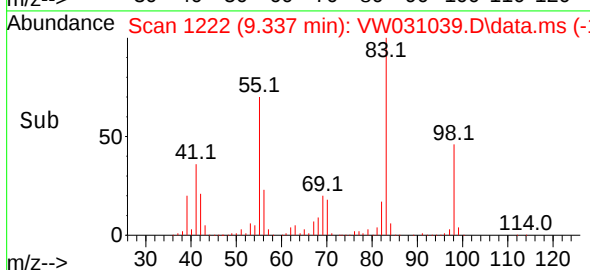
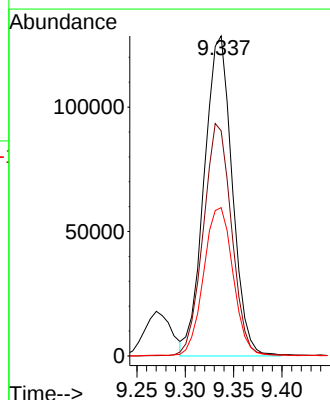
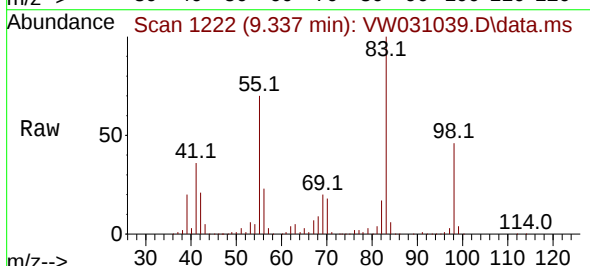
Tgt Ion: 83 Resp: 259862

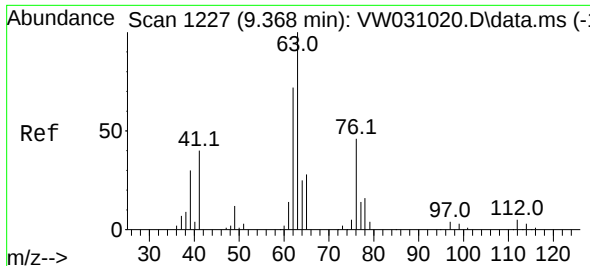
Ion Ratio Lower Upper

83 100

55 73.0 62.8 94.2

98 48.7 39.4 59.2





#37

1,2-Dichloropropane

Concen: 26.738 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

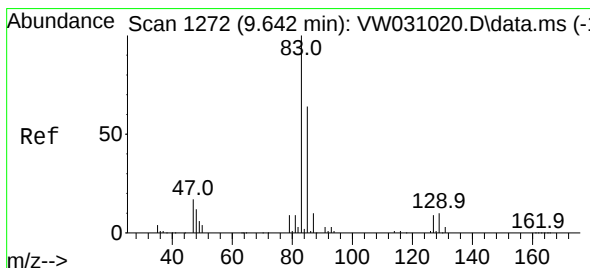
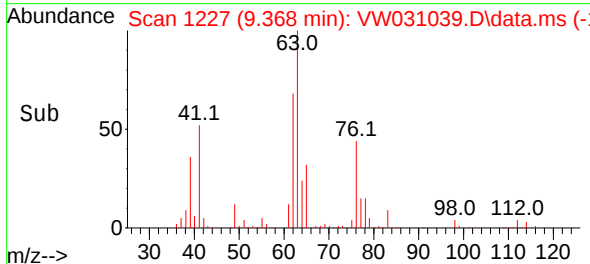
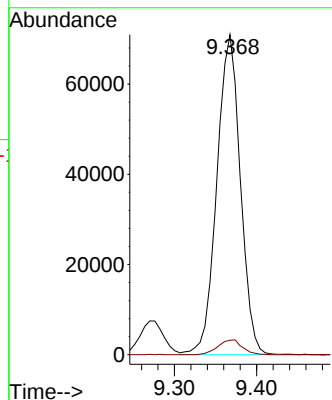
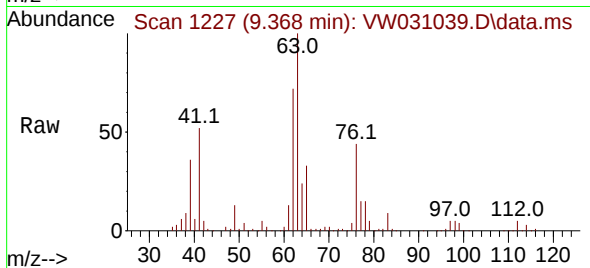
ClientSampleId :

Tgt Ion: 63 Resp: 140922

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 26.765 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

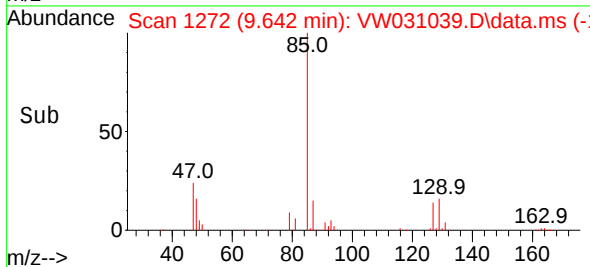
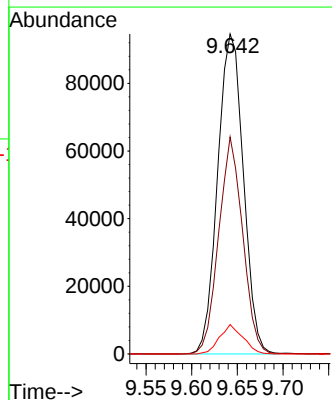
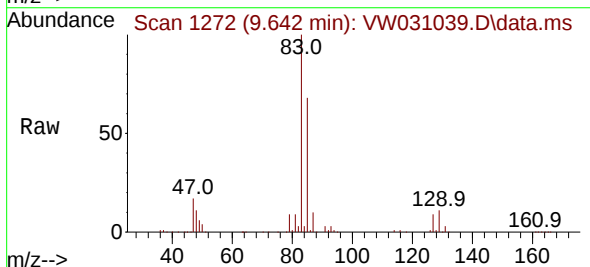
Tgt Ion: 83 Resp: 185249

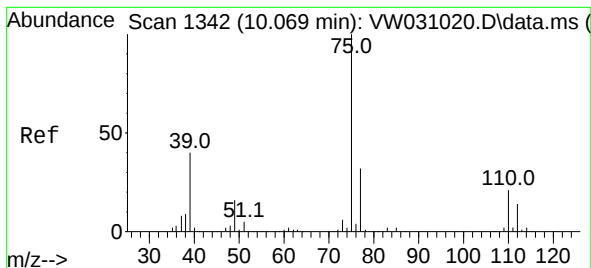
Ion Ratio Lower Upper

83 100

85 67.8 44.1 81.9

127 9.2 6.4 9.6

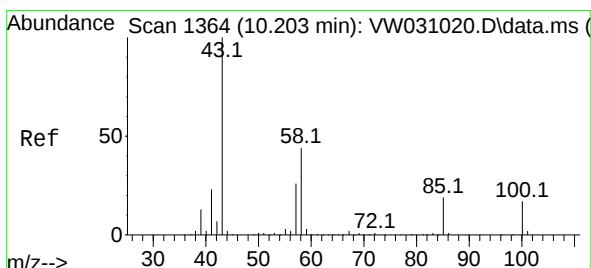
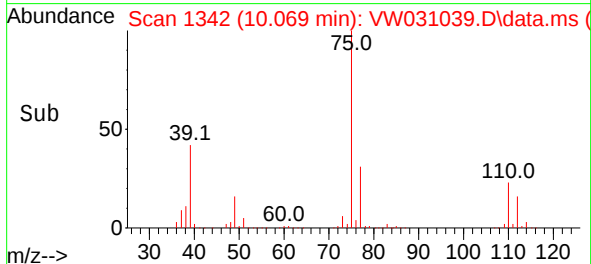
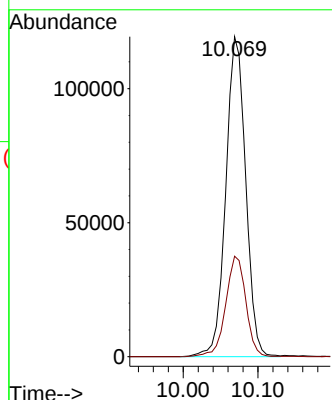
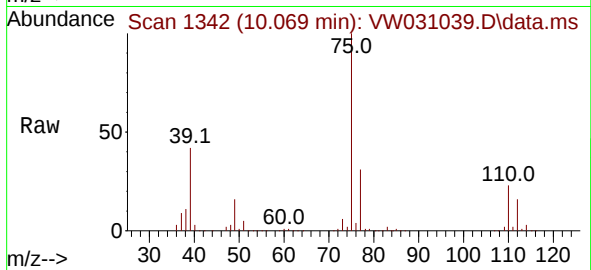




#39
 cis-1,3-Dichloropropene
 Concen: 28.017 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW031039.D
 Acq: 18 Nov 2024 11:27

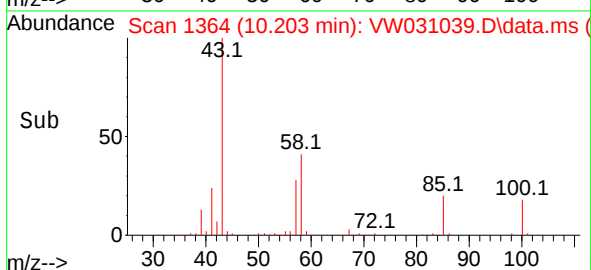
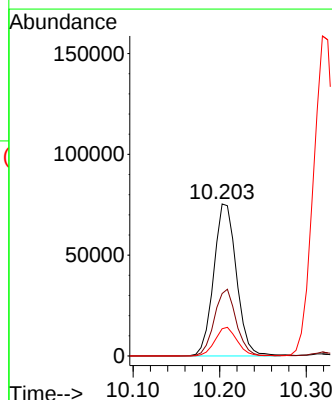
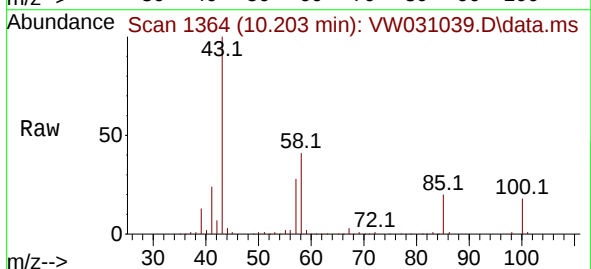
Instrument :
 MSVOA_W
 ClientSampleId :

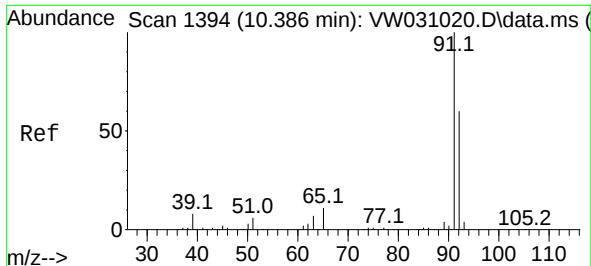
Tgt Ion: 75 Resp: 220894
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.3 39.6



#40
 4-Methyl-2-pentanone
 Concen: 57.117 ug/L
 RT: 10.203 min Scan# 1364
 Delta R.T. 0.000 min
 Lab File: VW031039.D
 Acq: 18 Nov 2024 11:27

Tgt Ion: 43 Resp: 137669
 Ion Ratio Lower Upper
 43 100
 58 42.3 32.2 48.4
 100 18.3 13.3 19.9





#42

Toluene

Concen: 27.404 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

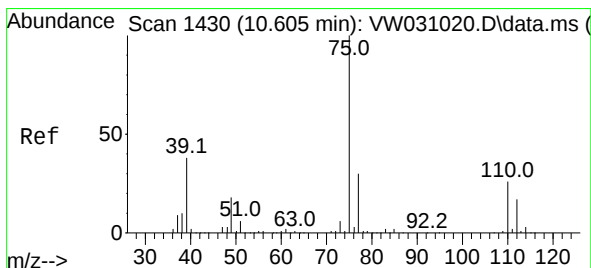
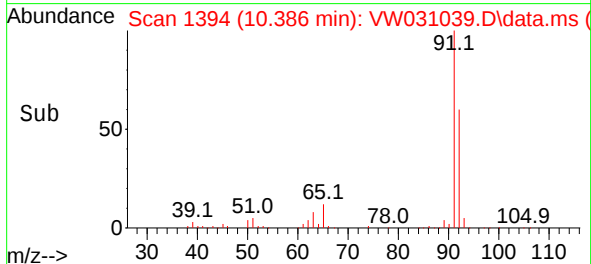
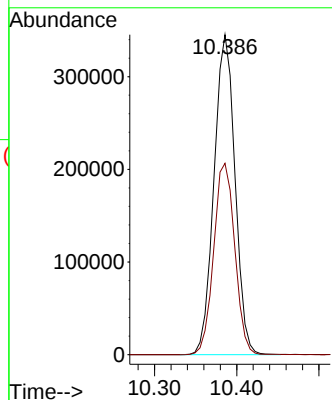
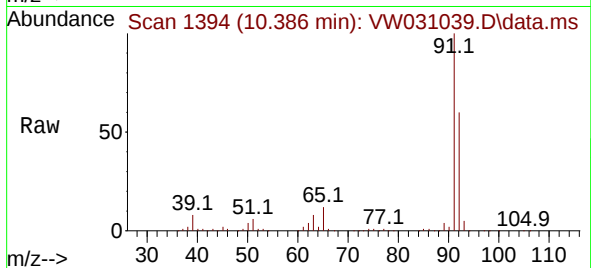
ClientSampleId :

Tgt Ion: 91 Resp: 611987

Ion Ratio Lower Upper

91 100

92 59.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 27.743 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031039.D

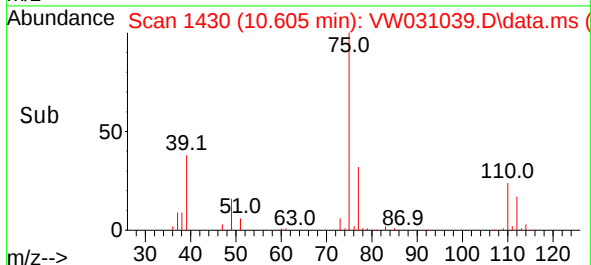
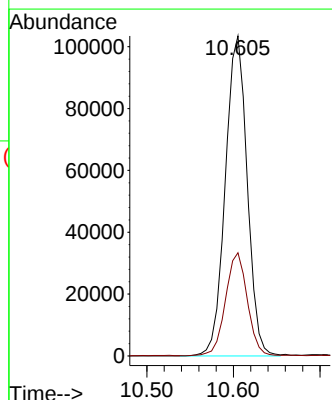
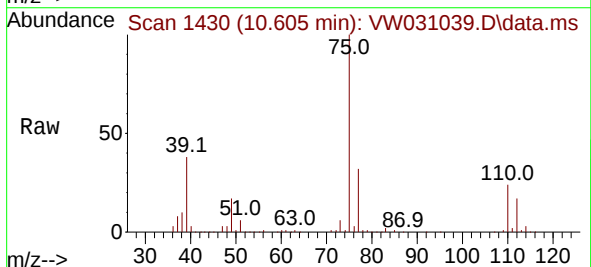
Acq: 18 Nov 2024 11:27

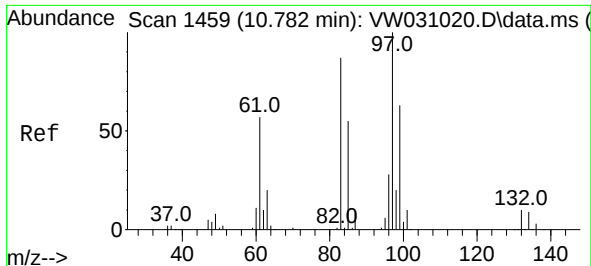
Tgt Ion: 75 Resp: 181715

Ion Ratio Lower Upper

75 100

77 32.2 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 28.245 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 106851

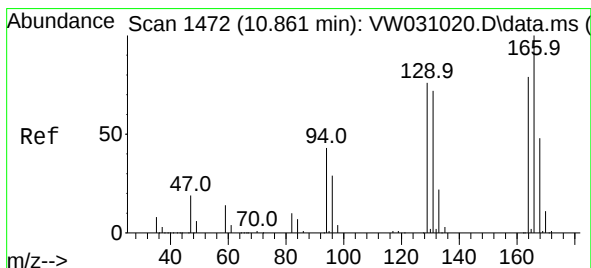
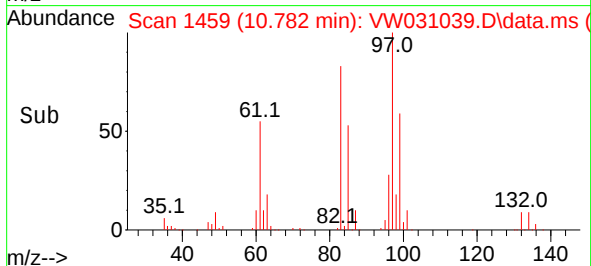
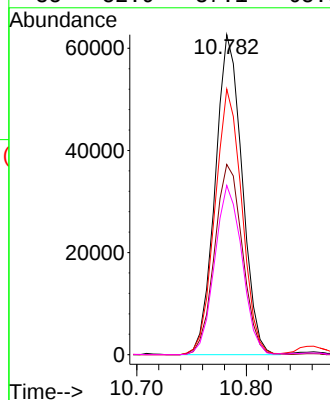
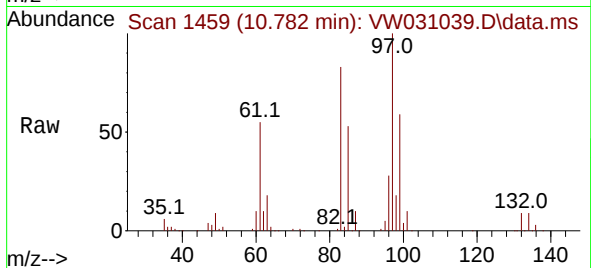
Ion Ratio Lower Upper

97 100

99 59.5 42.8 79.4

83 83.0 60.6 112.6

85 52.9 37.1 68.9



#46

Tetrachloroethene

Concen: 28.821 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Tgt Ion:164 Resp: 128130

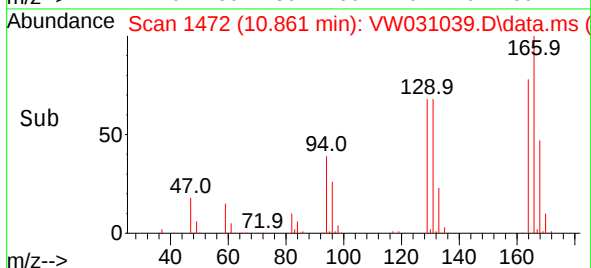
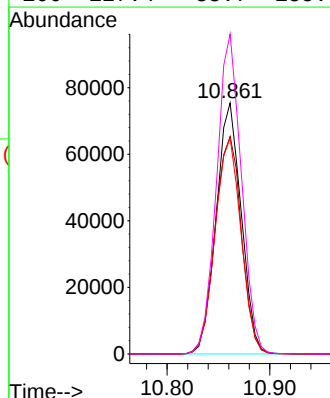
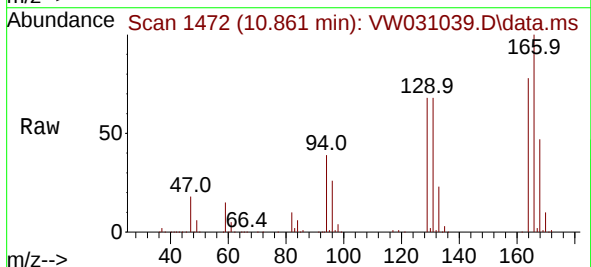
Ion Ratio Lower Upper

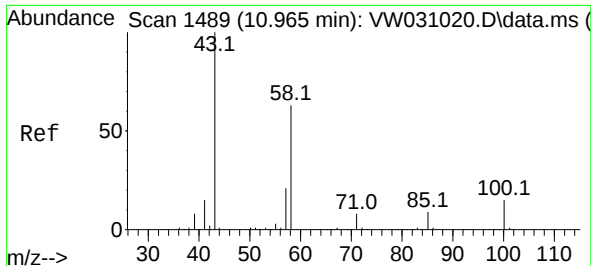
164 100

129 86.6 71.1 132.1

131 86.0 62.6 116.3

166 127.4 83.7 155.5

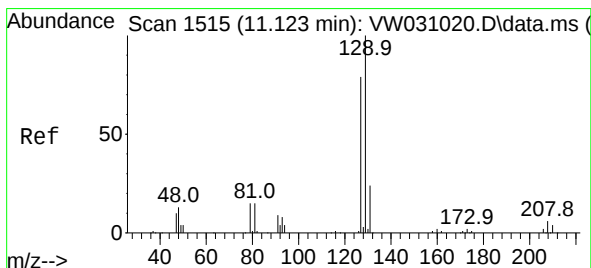
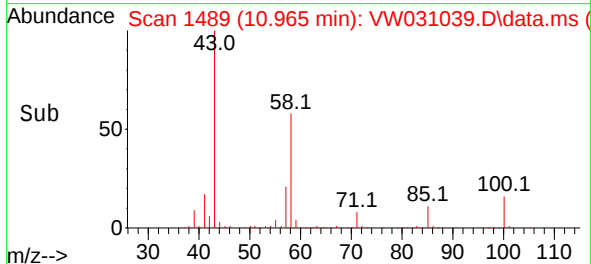
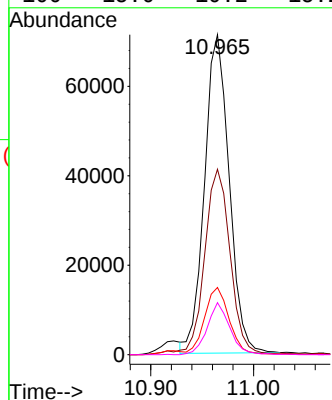
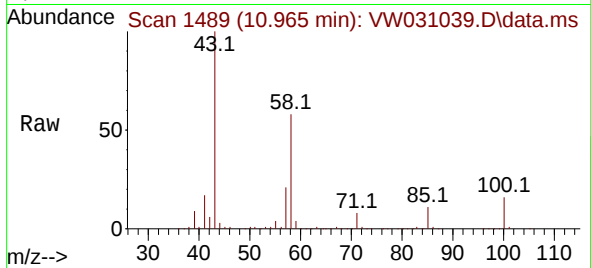




#48
2-Hexanone
Concen: 64.718 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

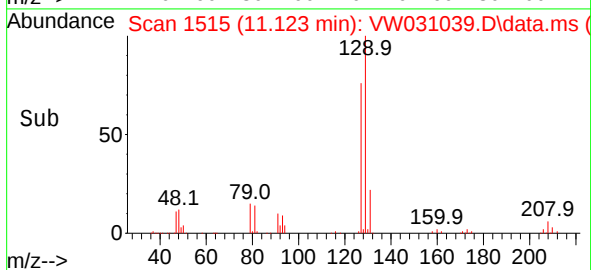
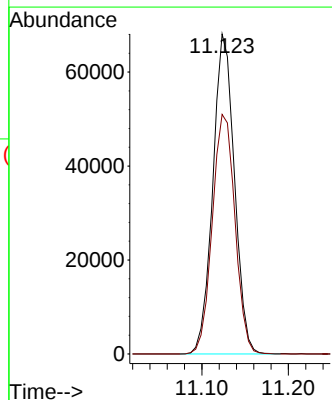
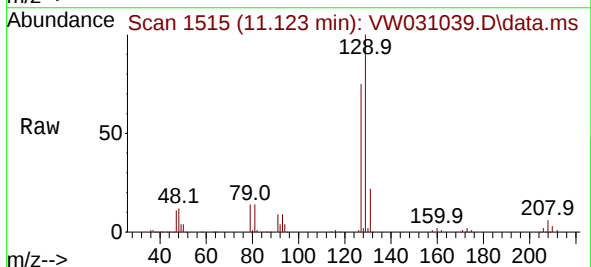
Instrument :
MSVOA_W
ClientSampleId :

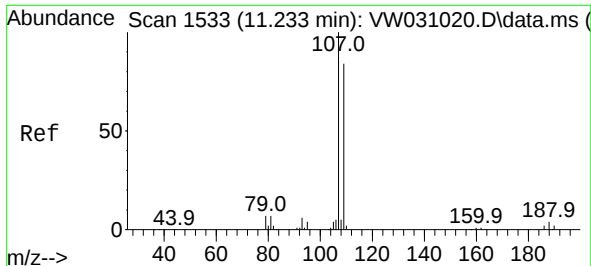
Tgt Ion: 43 Resp: 118676
Ion Ratio Lower Upper
43 100
58 60.8 43.8 65.8
57 21.3 15.4 23.2
100 15.0 10.2 15.2



#49
Dibromochloromethane
Concen: 28.579 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion:129 Resp: 117879
Ion Ratio Lower Upper
129 100
127 74.9 52.1 96.7





#50

1,2-Dibromoethane

Concen: 28.756 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

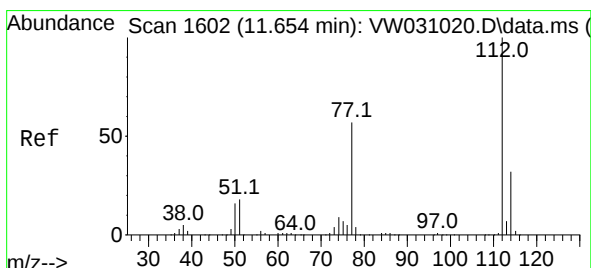
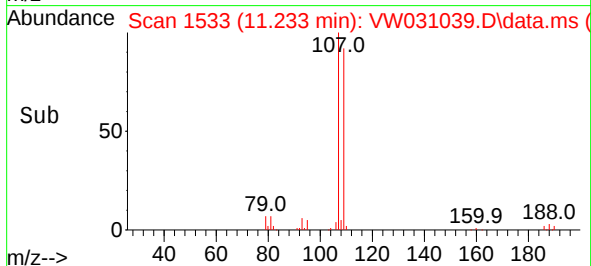
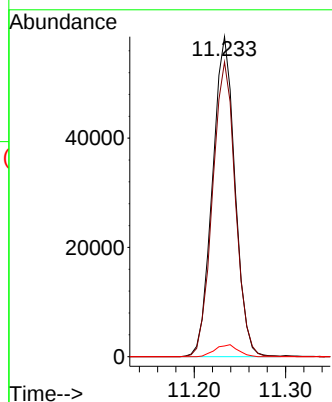
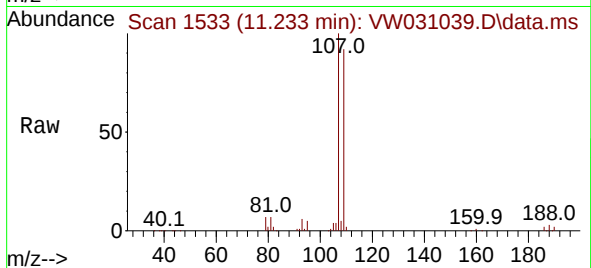
Tgt Ion:107 Resp: 100321

Ion Ratio Lower Upper

107 100

109 92.1 64.3 119.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 28.037 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

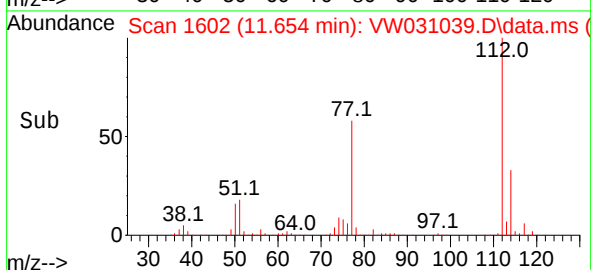
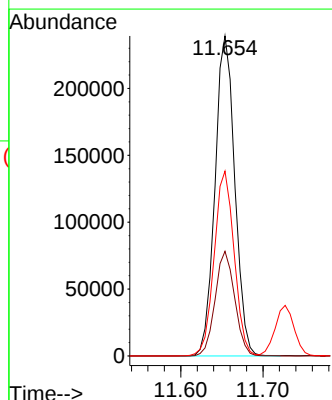
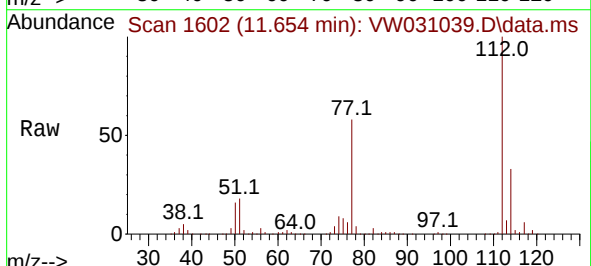
Tgt Ion:112 Resp: 400714

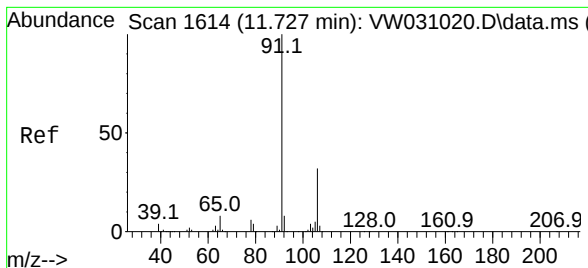
Ion Ratio Lower Upper

112 100

114 32.7 21.9 40.7

77 57.7 45.3 67.9

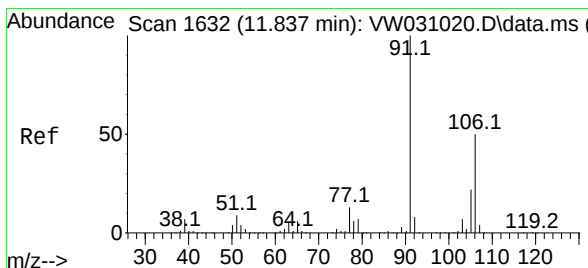
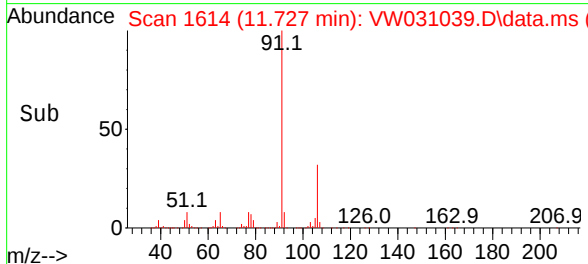
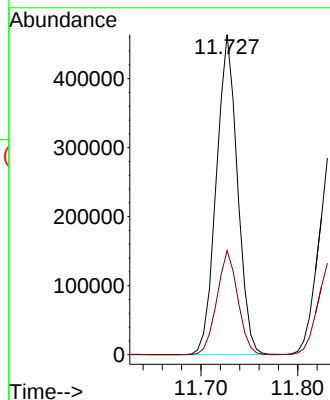
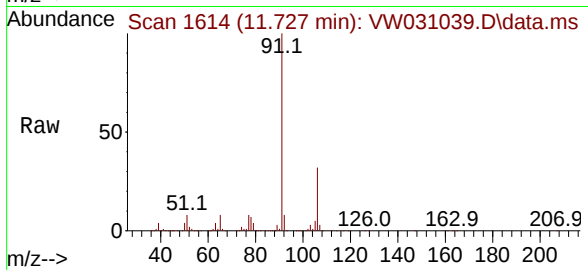




#52
Ethylbenzene
Concen: 27.873 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

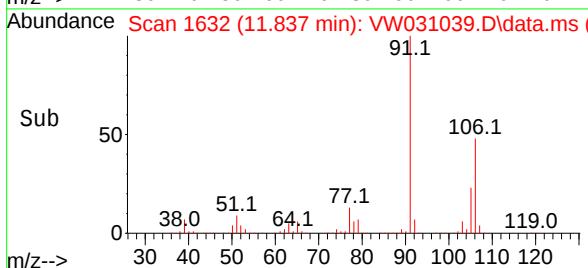
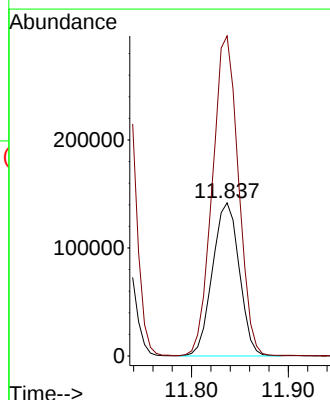
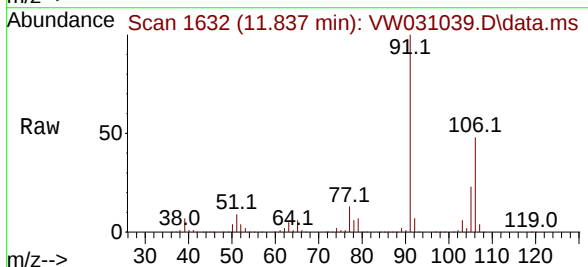
Instrument :
MSVOA_W
ClientSampleId :

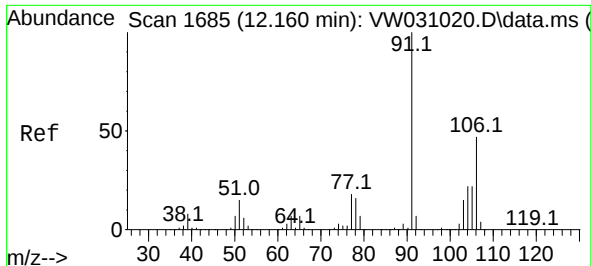
Tgt Ion: 91 Resp: 703327
Ion Ratio Lower Upper
91 100
106 32.5 21.6 40.0



#53
m,p-Xylene
Concen: 28.682 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion:106 Resp: 272197
Ion Ratio Lower Upper
106 100
91 208.9 140.7 261.3

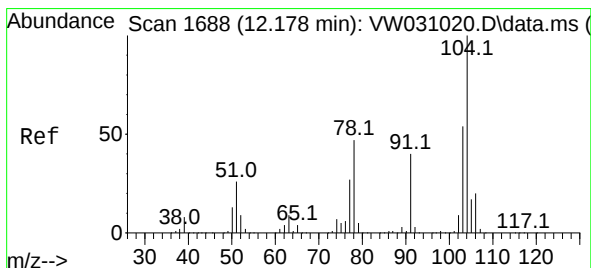
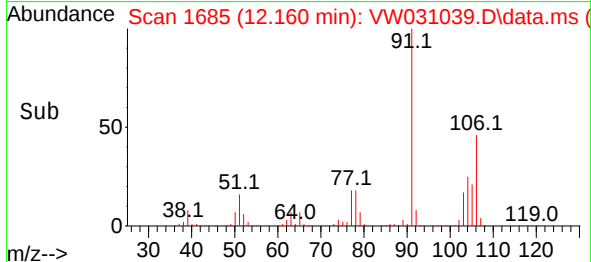
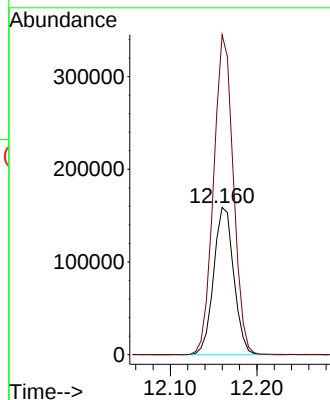
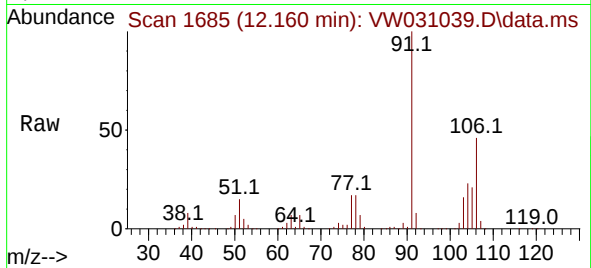




#54
o-Xylene
Concen: 29.396 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

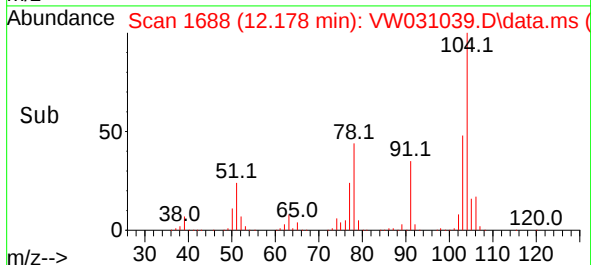
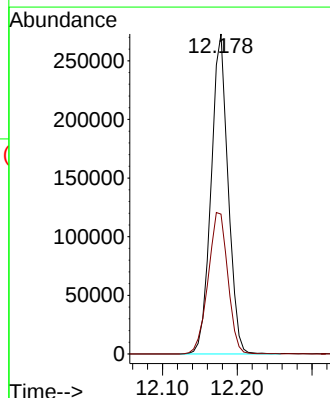
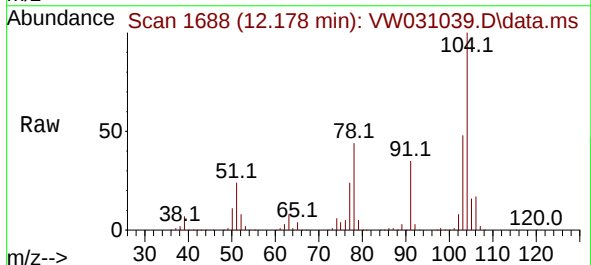
Instrument :
MSVOA_W
ClientSampleId :

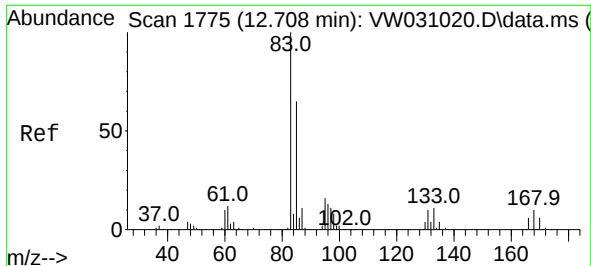
Tgt Ion:106 Resp: 256699
Ion Ratio Lower Upper
106 100
91 217.3 149.9 278.3



#55
Styrene
Concen: 28.964 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion:104 Resp: 432143
Ion Ratio Lower Upper
104 100
78 43.7 31.8 59.0

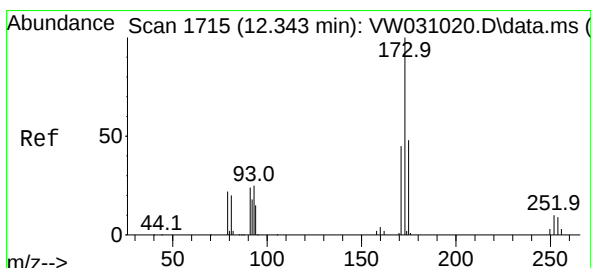
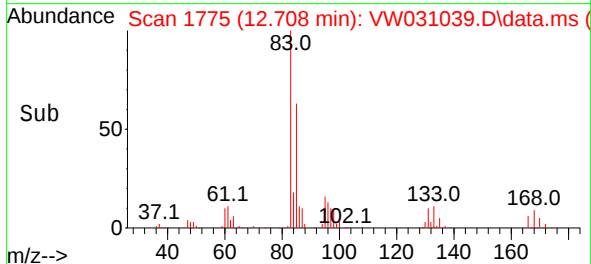
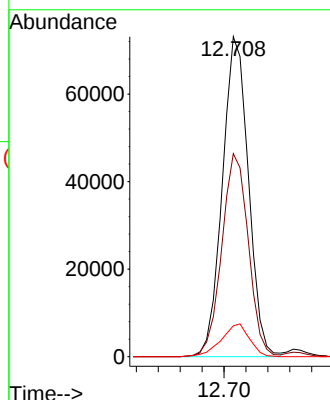
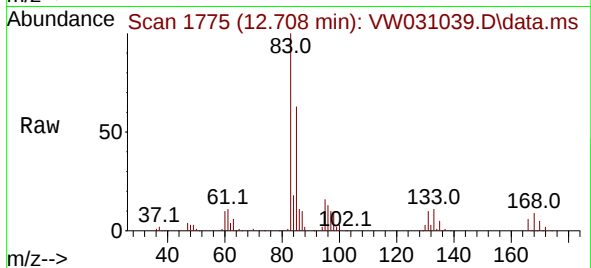




#57
1,1,2,2-Tetrachloroethane
Concen: 29.224 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

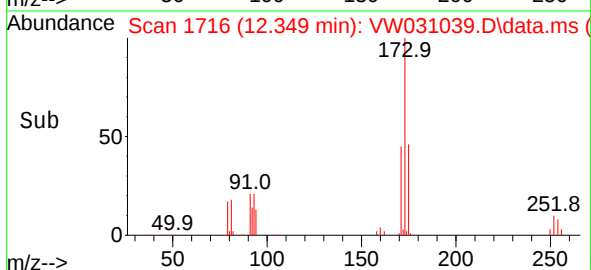
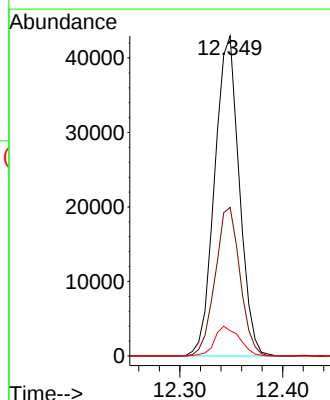
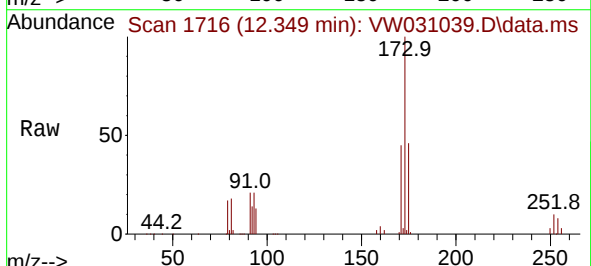
Instrument :
MSVOA_W
ClientSampleId :

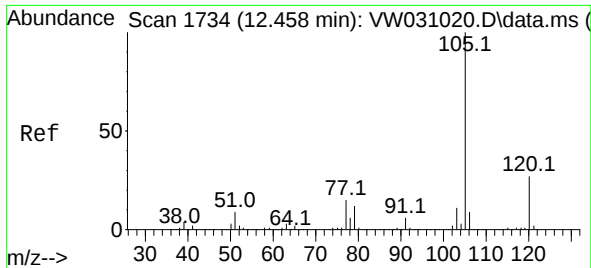
Tgt Ion: 83 Resp: 120653
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7
131 9.6 7.7 11.5



#59
Bromoform
Concen: 29.205 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion:173 Resp: 71423
Ion Ratio Lower Upper
173 100
175 46.7 39.3 58.9
254 9.4 7.8 11.6

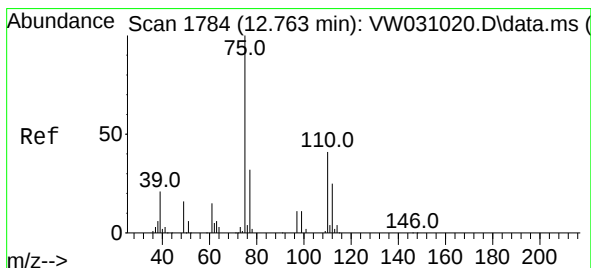
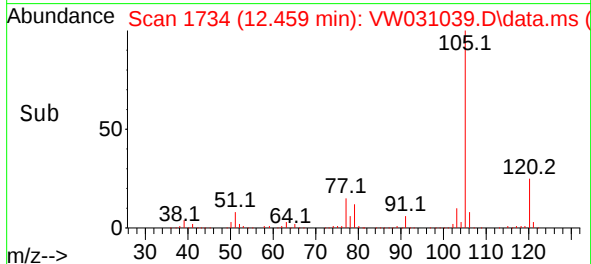
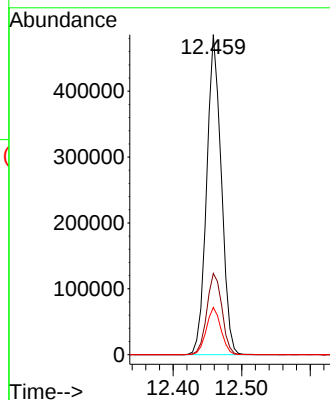
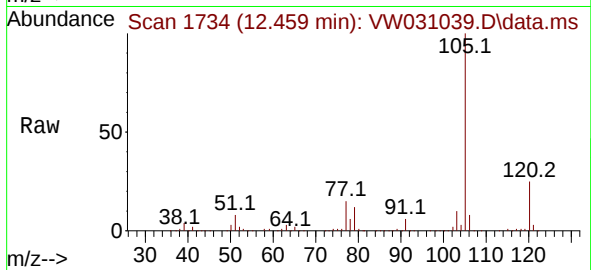




#60
Isopropylbenzene
Concen: 27.642 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

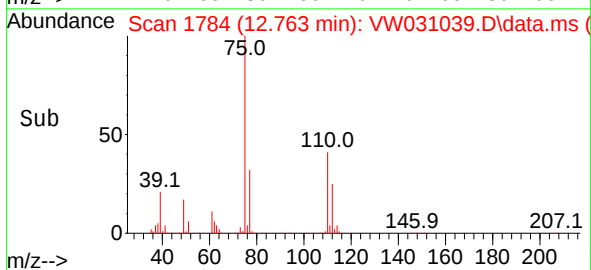
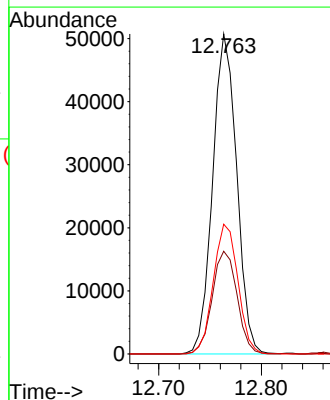
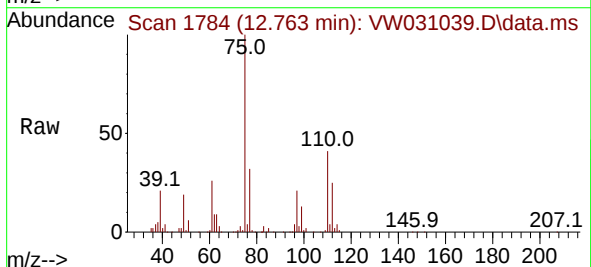
Instrument :
MSVOA_W
ClientSampleId :

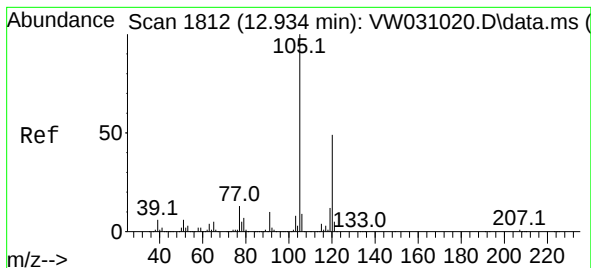
Tgt Ion:105 Resp: 722159
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 14.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 25.630 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

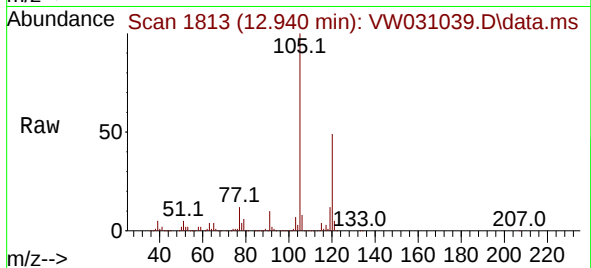
Tgt Ion: 75 Resp: 82297
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.2
110 41.5 31.8 47.8



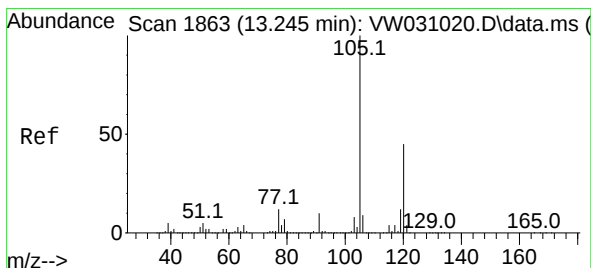
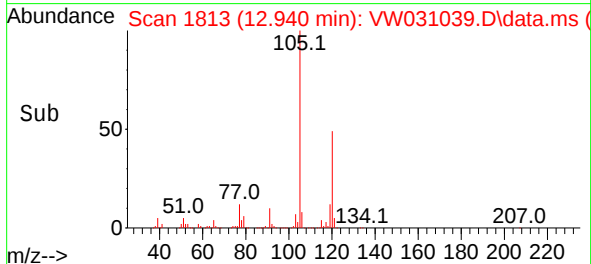
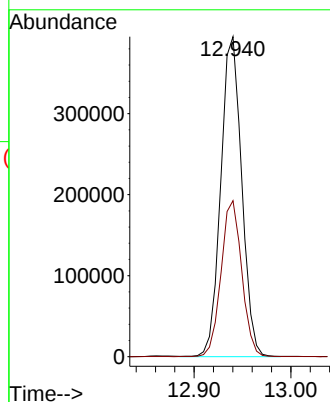


#62
1,3,5-Trimethylbenzene
Concen: 28.817 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Instrument :
MSVOA_W
ClientSampleId :

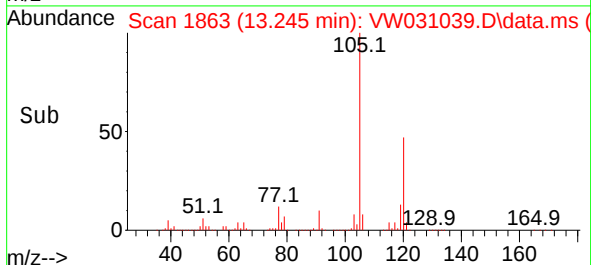
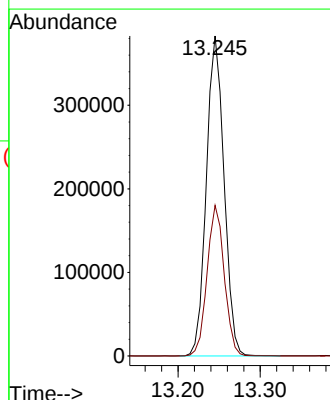
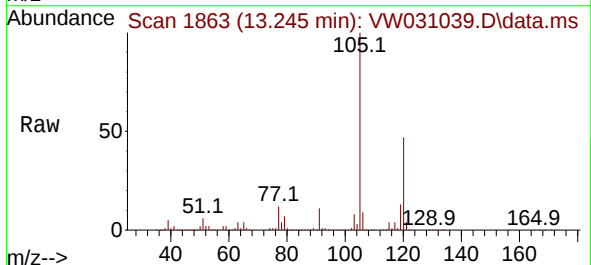


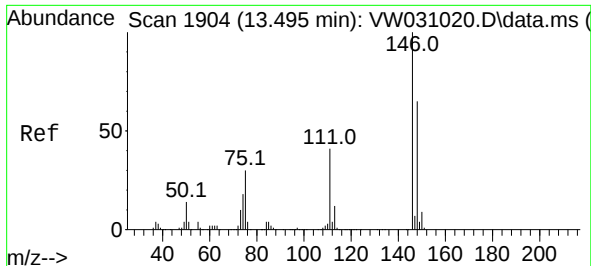
Tgt Ion:105 Resp: 592743
Ion Ratio Lower Upper
105 100
120 48.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 28.588 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

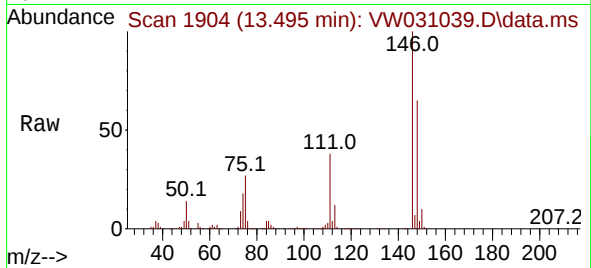
Tgt Ion:105 Resp: 572660
Ion Ratio Lower Upper
105 100
120 45.7 35.9 53.9



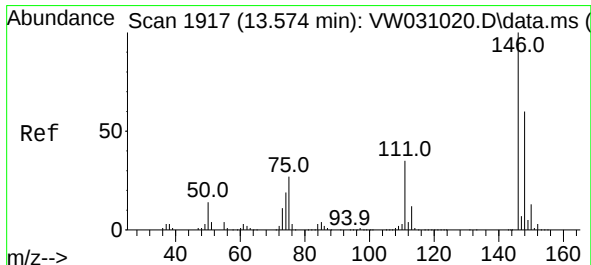
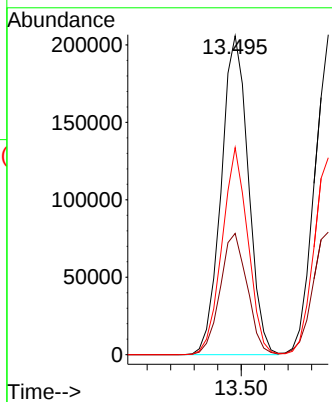
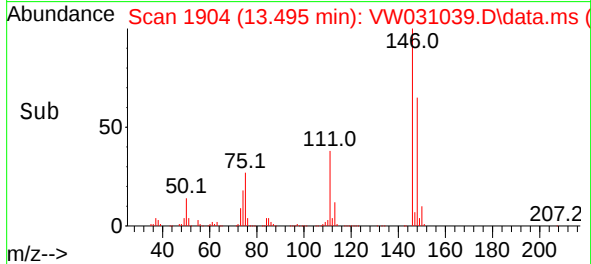


#64
1,3-Dichlorobenzene
Concen: 28.766 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Instrument :
MSVOA_W
ClientSampleId :

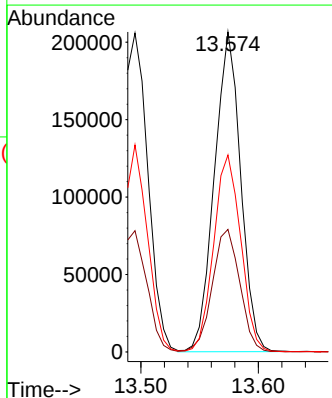
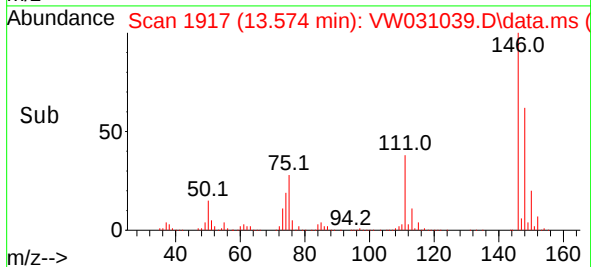
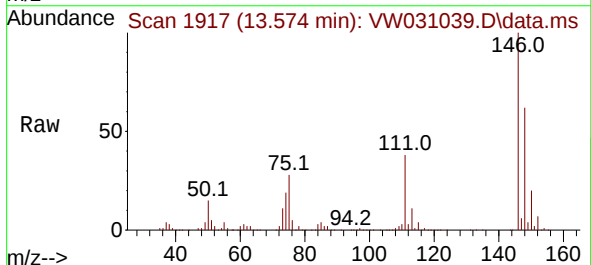


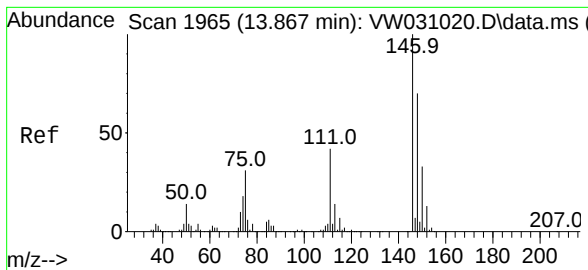
Tgt Ion:146 Resp: 329975
Ion Ratio Lower Upper
146 100
111 38.0 26.8 49.8
148 64.9 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 27.346 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

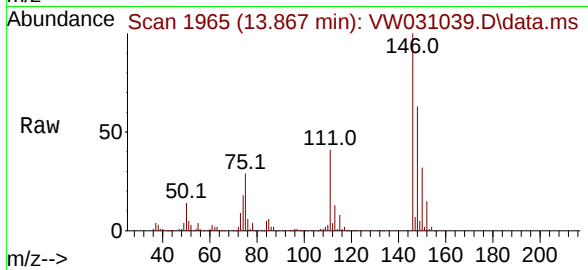
Tgt Ion:146 Resp: 322048
Ion Ratio Lower Upper
146 100
111 38.3 27.6 51.4
148 61.6 41.6 77.2



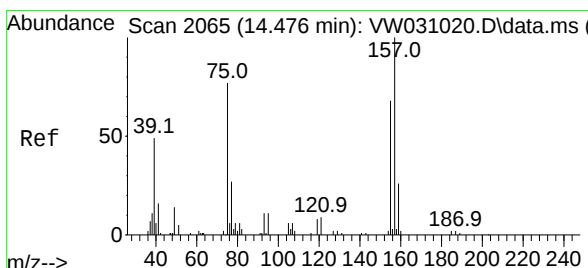
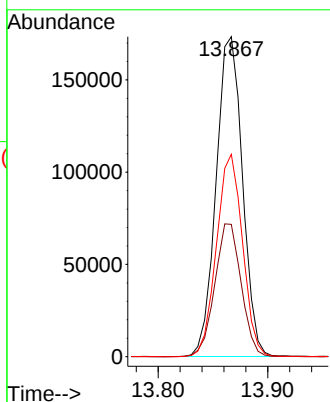
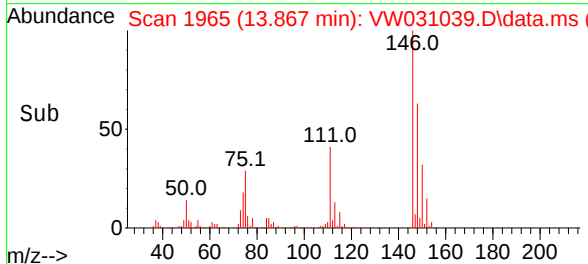


#67
1,2-Dichlorobenzene
Concen: 28.347 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Instrument :
MSVOA_W
ClientSampleId :

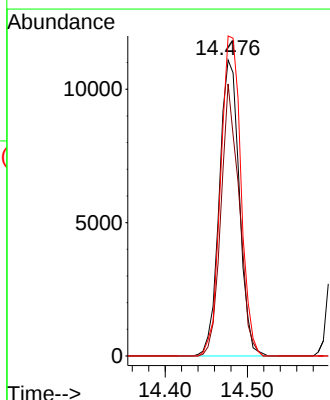
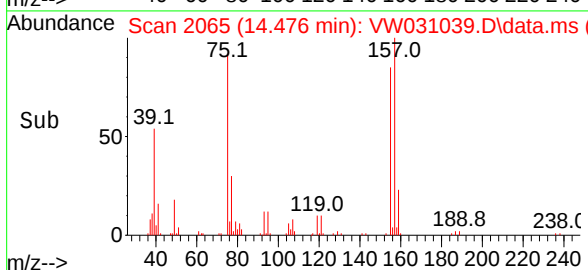
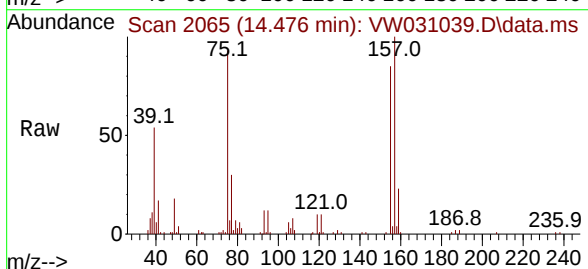


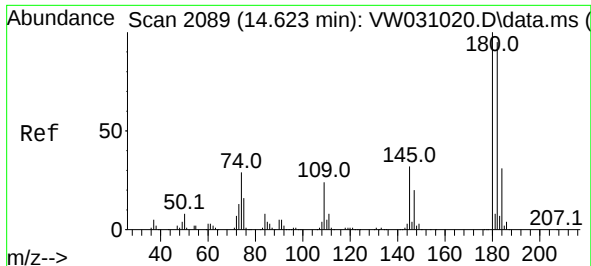
Tgt Ion:146 Resp: 289813
Ion Ratio Lower Upper
146 100
111 41.4 34.3 51.5
148 63.2 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 27.585 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion: 75 Resp: 18752
Ion Ratio Lower Upper
75 100
155 91.9 56.2 84.2#
157 108.1 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 29.553 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

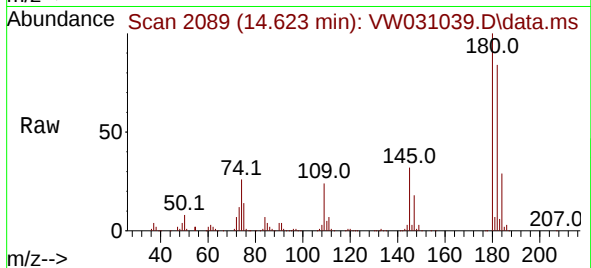
Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 224961

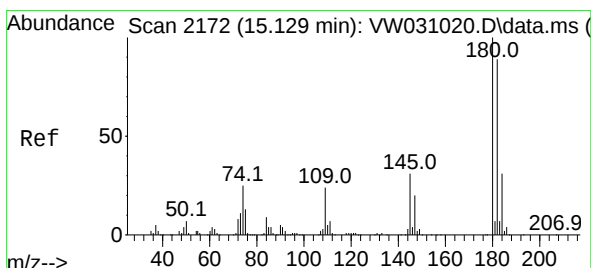
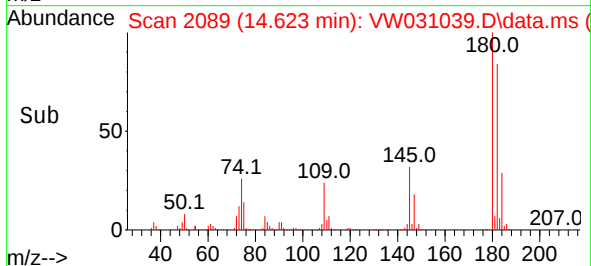
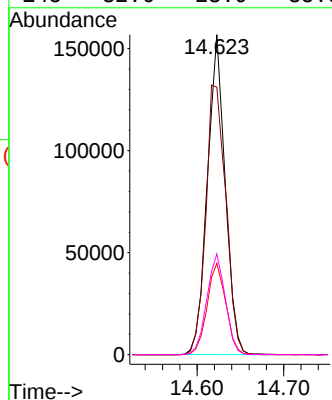
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

184 30.0 23.9 35.9

145 32.6 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 30.971 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031039.D

Acq: 18 Nov 2024 11:27

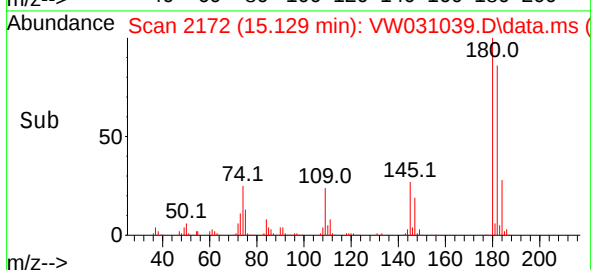
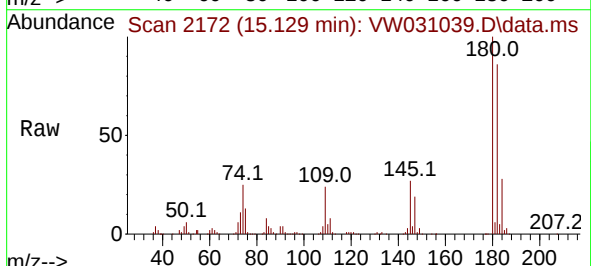
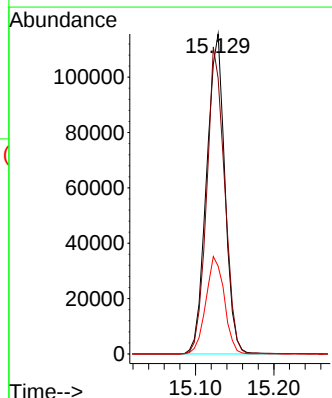
Tgt Ion:180 Resp: 187199

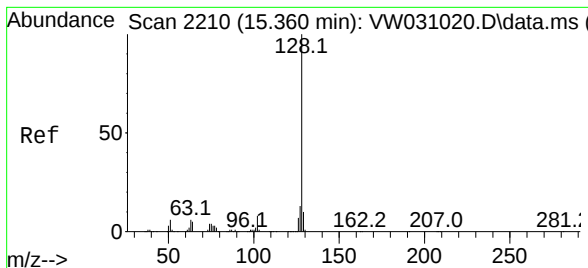
Ion Ratio Lower Upper

180 100

182 93.7 74.5 111.7

145 30.7 24.2 36.2

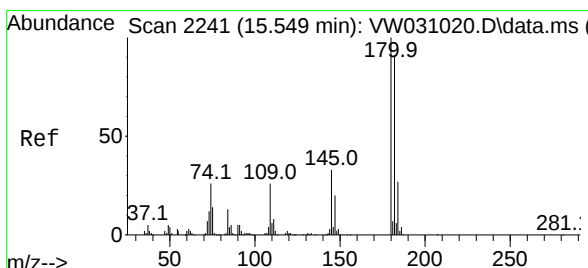
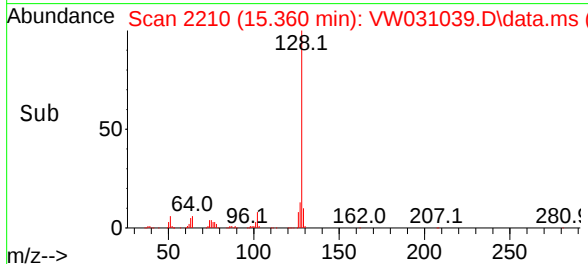
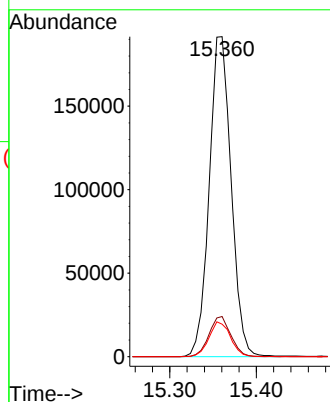
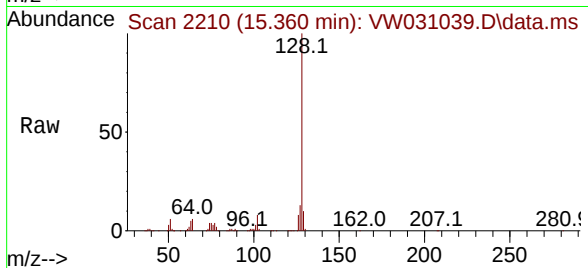




#71
Naphthalene
Concen: 34.388 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 336958
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 32.991 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031039.D
Acq: 18 Nov 2024 11:27

Tgt Ion:180 Resp: 171857
Ion Ratio Lower Upper
180 100
182 92.3 79.2 118.8
145 31.9 27.0 40.6

