

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030801.D
 Acq On : 29 Oct 2024 13:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:08:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 29 01:29:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	276693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244495	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128218	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	96867	22.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.080%
7) Chloroethane-d5	2.893	69	88939	27.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.080%
11) 1,1-Dichloroethene-d2	4.015	65	40671	22.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.920%
21) 2-Butanone-d5	7.075	46	34191	43.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.360%
24) Chloroform-d	7.648	84	194888	24.629	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.520%
26) 1,2-Dichloroethane-d4	8.301	65	98915	24.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.160%
32) Benzene-d6	8.270	84	360745	25.422	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.680%
36) 1,2-Dichloropropane-d6	9.270	67	104980	25.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.840%
41) Toluene-d8	10.319	98	328644	25.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.480%
43) trans-1,3-Dichloroprop...	10.575	79	43171	24.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.000%
47) 2-Hexanone-d5	10.922	63	27643	51.529	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78097	25.532	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	106384	24.522	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	67844	19.191	ug/L	94
3) Chloromethane	2.222	50	81660	19.875	ug/L	100
5) Vinyl chloride	2.375	62	106394	21.056	ug/L	98
6) Bromomethane	2.789	94	75229	22.620	ug/L	100
8) Chloroethane	2.936	64	74784	24.212	ug/L	100
9) Trichlorofluoromethane	3.259	101	103042	22.791	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	85340	20.980	ug/L	95
12) 1,1-Dichloroethene	4.039	96	81301	21.901	ug/L	86
13) Acetone	4.118	43	44577	38.902	ug/L	94
14) Carbon disulfide	4.387	76	193565	15.967	ug/L	96
15) Methyl Acetate	4.673	43	29164	20.604	ug/L	97
16) Methylene chloride	4.917	84	86072	20.577	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	84973	21.213	ug/L	98
18) Methyl tert-butyl Ether	5.417	73	116889	20.850	ug/L	99
19) 1,1-Dichloroethane	6.209	63	176218	23.669	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	95719	22.403	ug/L	96
22) 2-Butanone	7.167	43	47694	38.613	ug/L	99
23) Bromochloromethane	7.514	128	40795	21.826	ug/L	93
25) Chloroform	7.673	83	188938	23.748	ug/L	100

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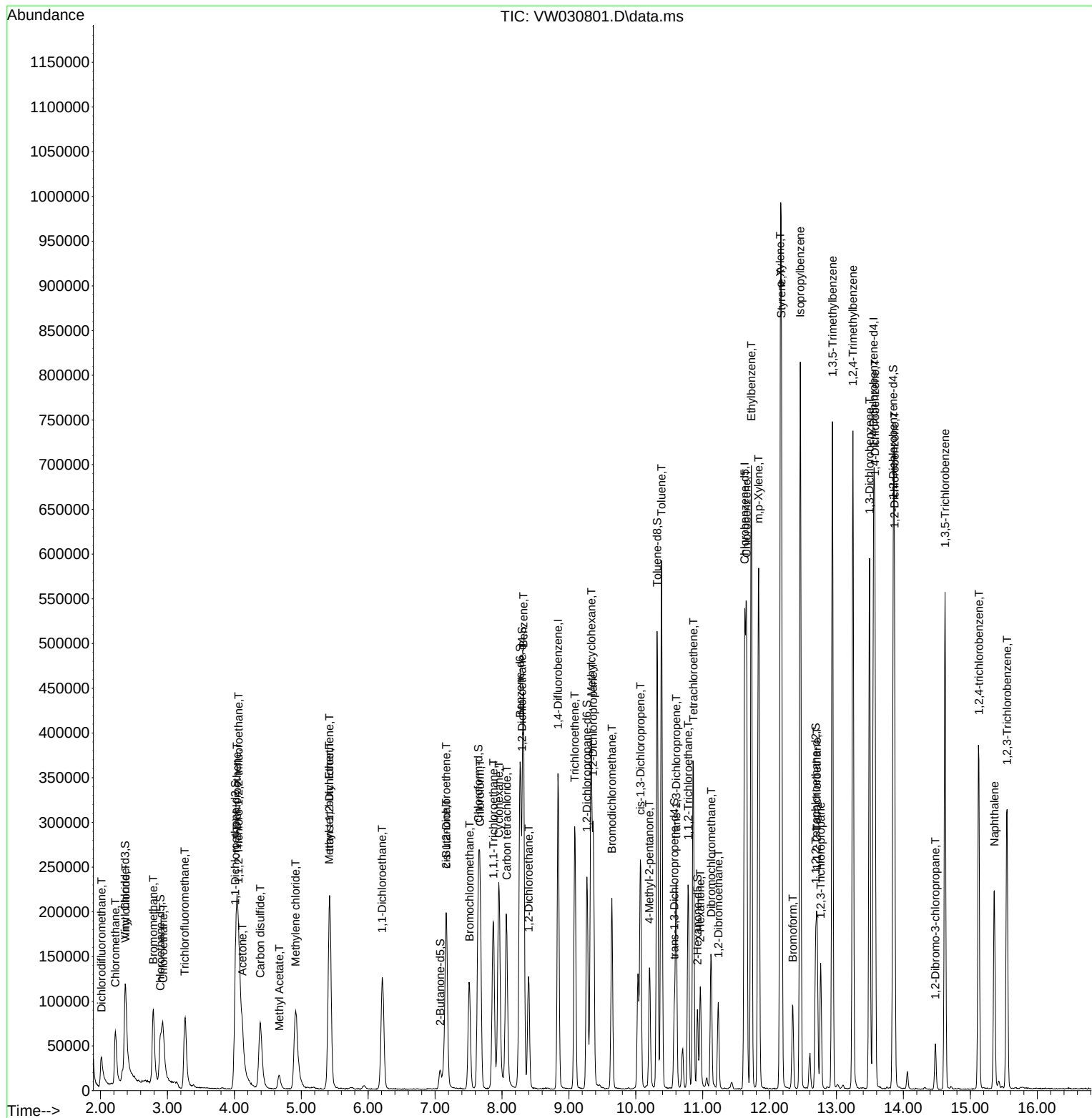
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114306	21.778	ug/L	100
29) Cyclohexane	7.953	56	125853	21.146	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	152799	23.542	ug/L	99
31) Carbon tetrachloride	8.069	117	138480	23.889	ug/L	95
33) Benzene	8.319	78	378394	23.783	ug/L	100
34) Trichloroethene	9.087	95	100725	22.755	ug/L	98
35) Methylcyclohexane	9.337	83	150150	21.554	ug/L	100
37) 1,2-Dichloropropane	9.361	63	99234	24.972	ug/L	99
38) Bromodichloromethane	9.642	83	131288	24.832	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	147021	24.528	ug/L	97
40) 4-Methyl-2-pentanone	10.203	43	88466	46.341	ug/L	99
42) Toluene	10.386	91	412870	24.323	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	121731	24.168	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	68114	23.717	ug/L	96
46) Tetrachloroethene	10.861	164	77236	23.658	ug/L	97
48) 2-Hexanone	10.965	43	67772	43.411	ug/L	98
49) Dibromochloromethane	11.129	129	76321	23.817	ug/L	91
50) 1,2-Dibromoethane	11.233	107	61588	22.982	ug/L	97
51) Chlorobenzene	11.654	112	259501	23.749	ug/L	98
52) Ethylbenzene	11.727	91	475473	24.549	ug/L	100
53) m,p-Xylene	11.837	106	178087	24.542	ug/L	97
54) o-Xylene	12.160	106	166533	24.824	ug/L	85
55) Styrene	12.178	104	296707	25.872	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	78898	24.361	ug/L	99
59) Bromoform	12.349	173	41592	23.088	ug/L	95
60) Isopropylbenzene	12.458	105	500043	25.183	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53994	21.641	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	384130	24.521	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	367484	23.959	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	220397	25.500	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	212503	23.812	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	187177	24.611	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	13020	23.404	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	154280	27.070	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	108489	23.645	ug/L	95
71) Naphthalene	15.360	128	180833	22.812	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	96561	24.276	ug/L	98

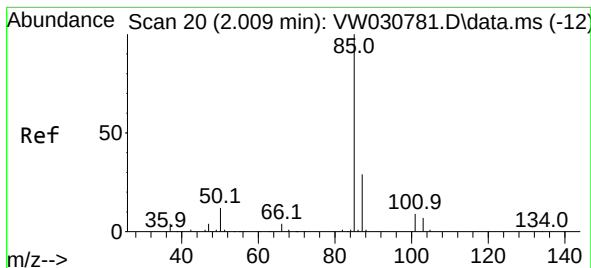
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#2

Dichlorodifluoromethane

Concen: 19.191 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

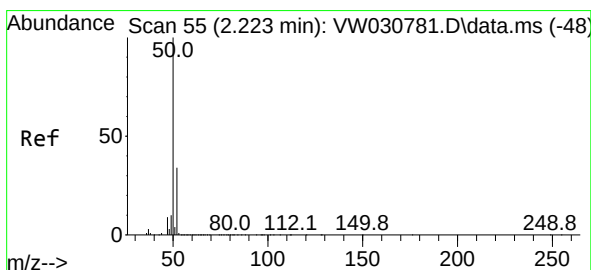
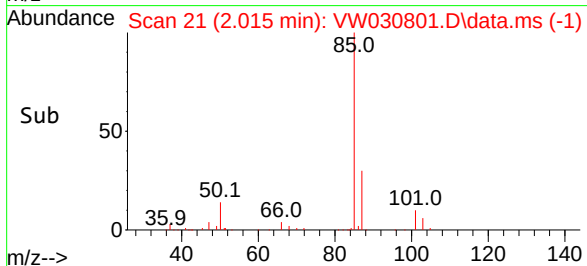
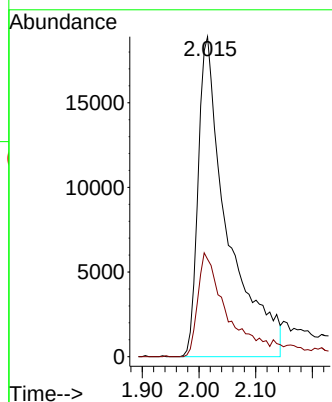
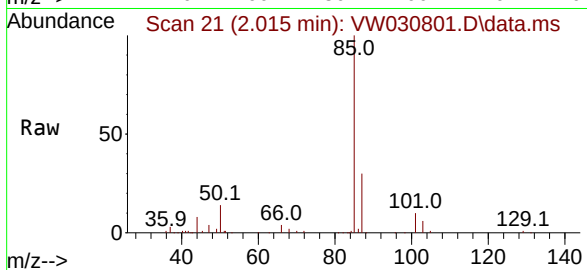
ClientSampleId :

Tgt Ion: 85 Resp: 67844

Ion Ratio Lower Upper

85 100

87 26.6 23.8 35.6



#3

Chloromethane

Concen: 19.875 ug/L

RT: 2.222 min Scan# 55

Delta R.T. -0.000 min

Lab File: VW030801.D

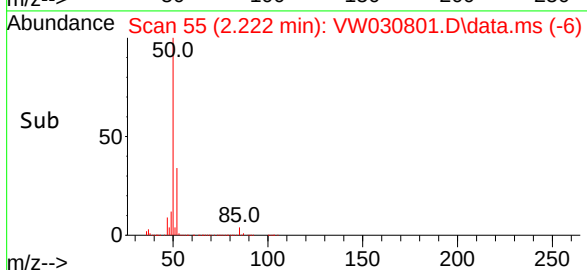
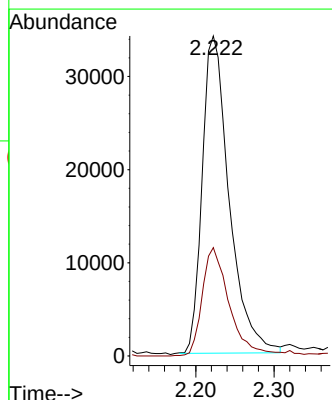
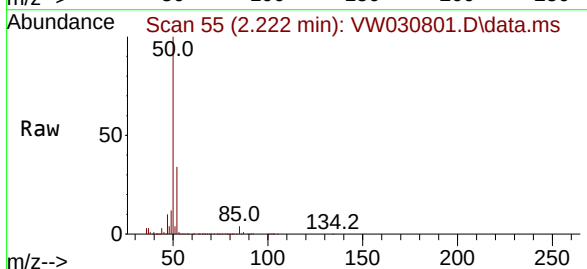
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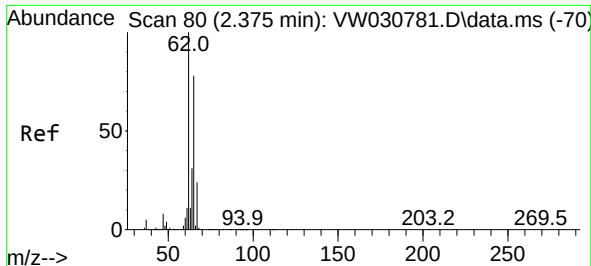
Tgt Ion: 50 Resp: 81660

Ion Ratio Lower Upper

50 100

52 33.8 23.7 43.9

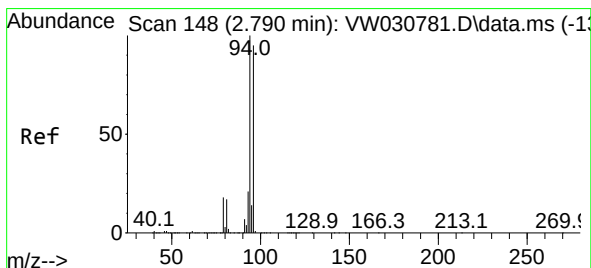
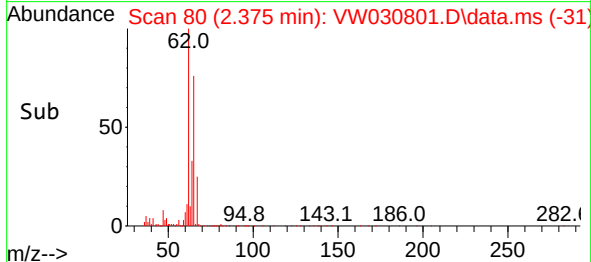
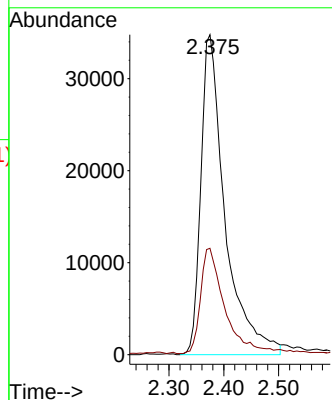
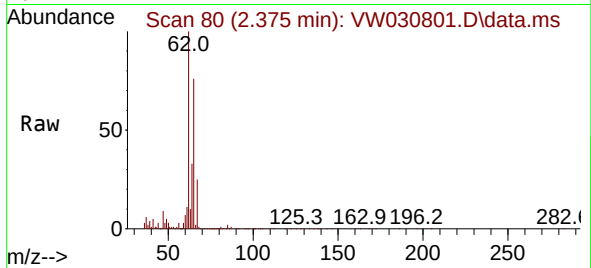




#5
 Vinyl chloride
 Concen: 21.056 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030801.D
 Acq: 29 Oct 2024 13:24

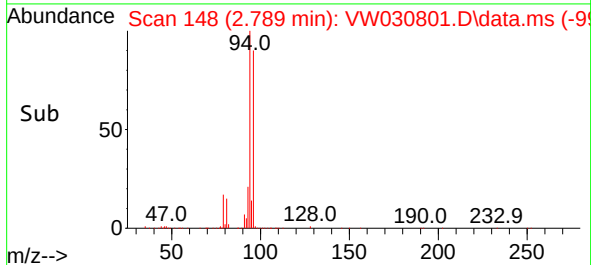
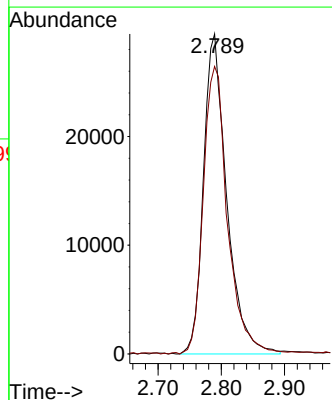
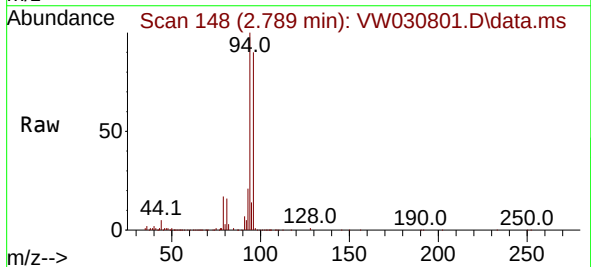
Instrument :
 MSVOA_W
 ClientSampleId :

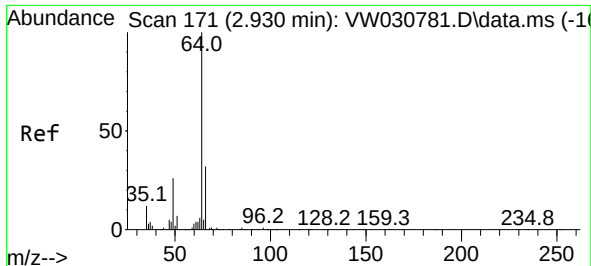
Tgt Ion: 62 Resp: 106394
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.6 42.0



#6
 Bromomethane
 Concen: 22.620 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030801.D
 Acq: 29 Oct 2024 13:24

Tgt Ion: 94 Resp: 75229
 Ion Ratio Lower Upper
 94 100
 96 89.8 62.6 116.2

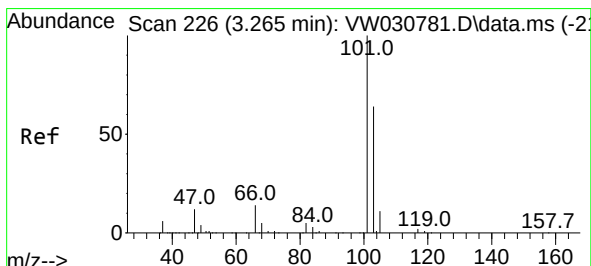
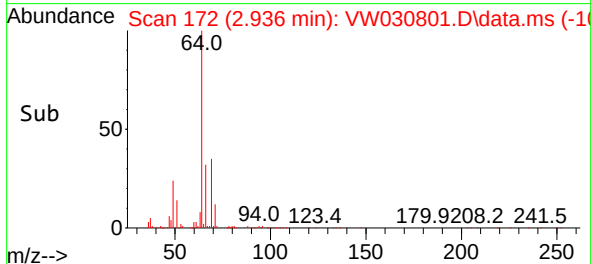
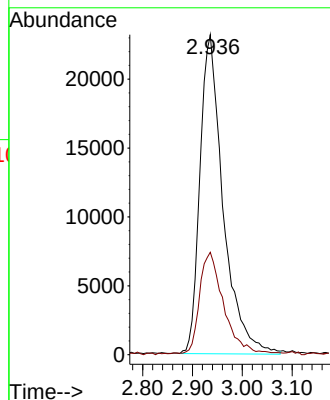
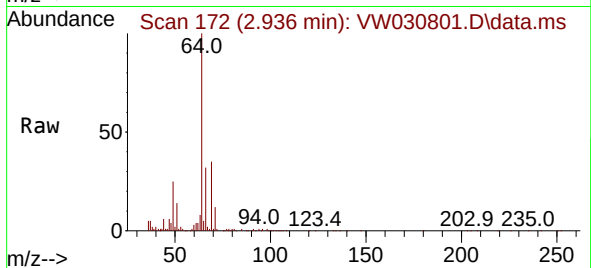




#8
Chloroethane
Concen: 24.212 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

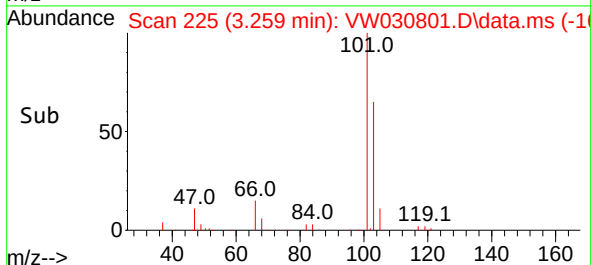
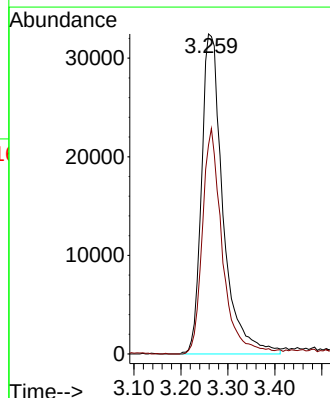
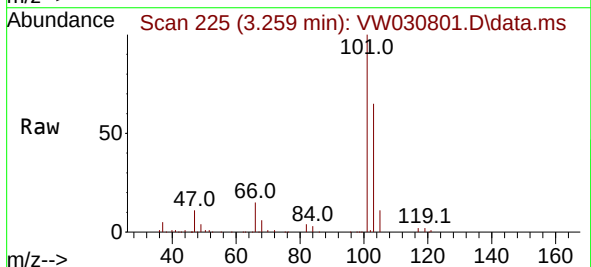
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MSVOA_W
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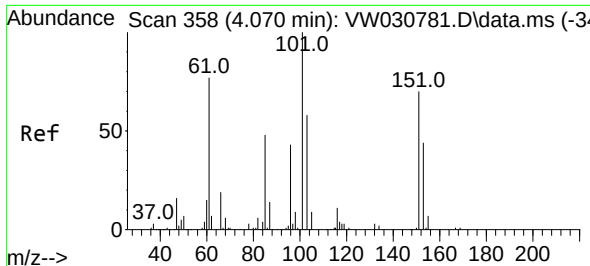
Tgt Ion: 64 Resp: 74784
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.791 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion: 101 Resp: 103042
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7

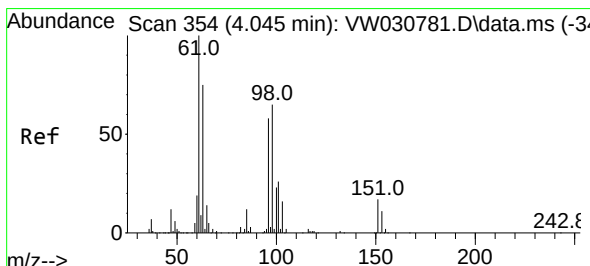
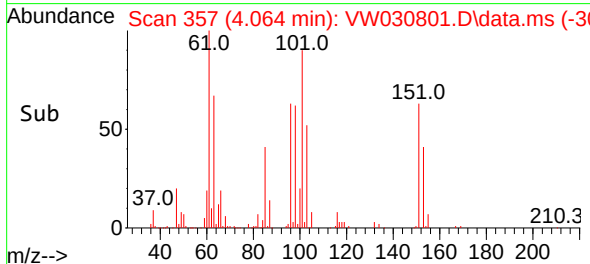
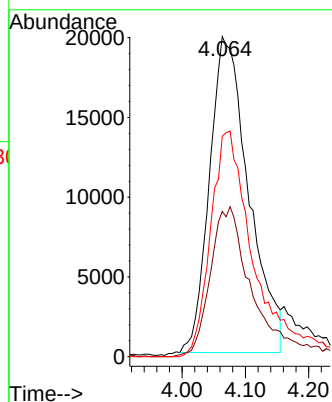
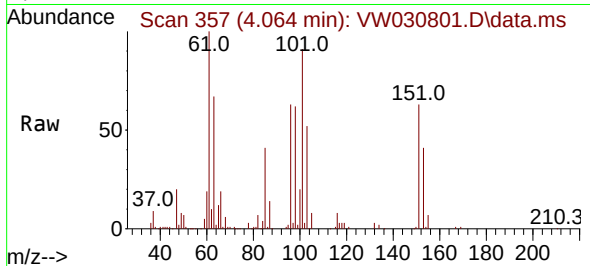




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.980 ug/L
 RT: 4.064 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW030801.D
 Acq: 29 Oct 2024 13:24

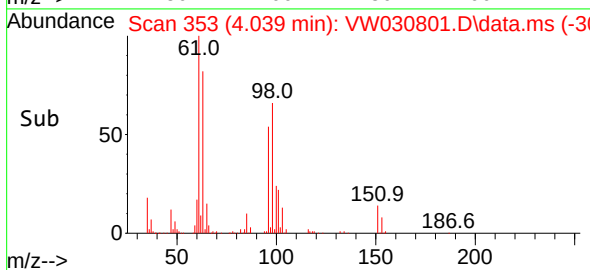
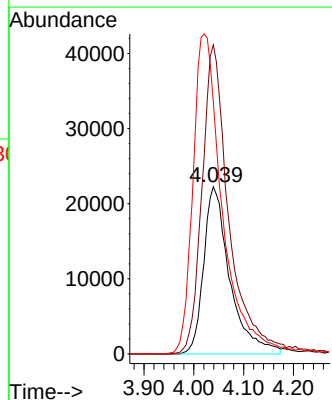
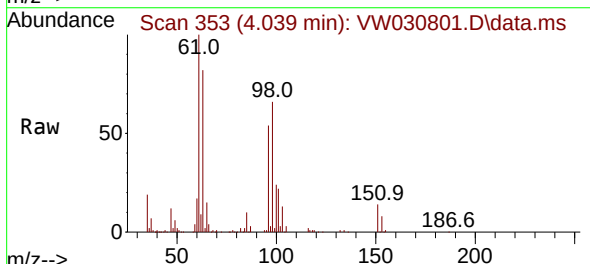
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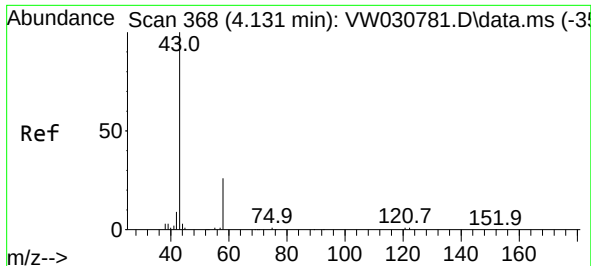
Tgt Ion:101 Resp: 85340
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.7 53.5
 151 75.5 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 21.901 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW030801.D
 Acq: 29 Oct 2024 13:24

Tgt Ion: 96 Resp: 81301
 Ion Ratio Lower Upper
 96 100
 61 185.0 121.3 225.3
 63 150.9 87.6 162.8





#13

Acetone

Concen: 38.902 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

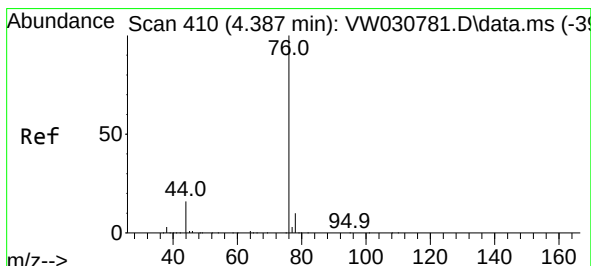
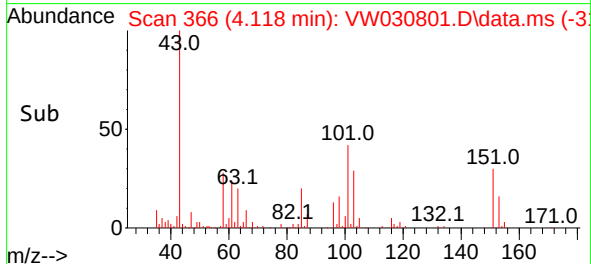
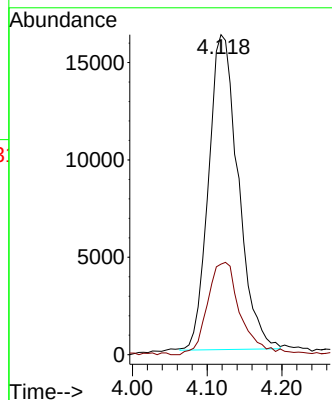
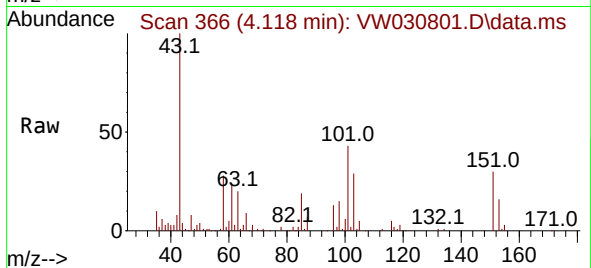
ClientSampleId :

Tgt Ion: 43 Resp: 44577

Ion Ratio Lower Upper

43 100

58 31.9 0.0 57.6



#14

Carbon disulfide

Concen: 15.967 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW030801.D

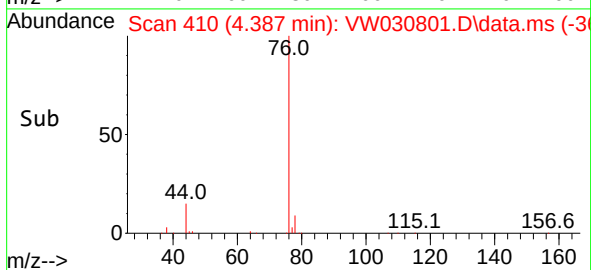
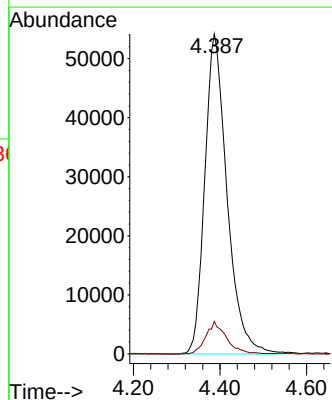
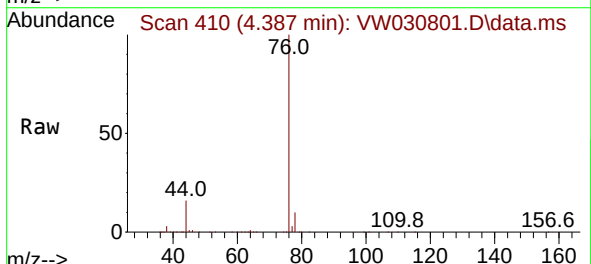
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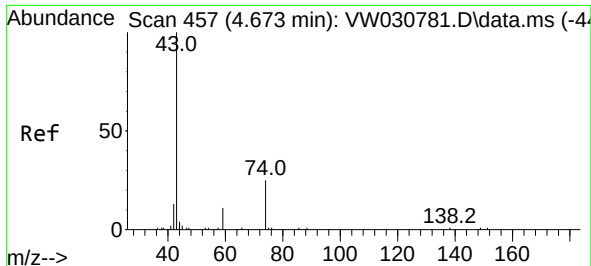
Tgt Ion: 76 Resp: 193565

Ion Ratio Lower Upper

76 100

78 10.2 7.1 10.7

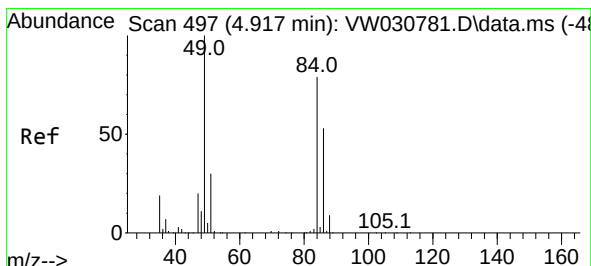
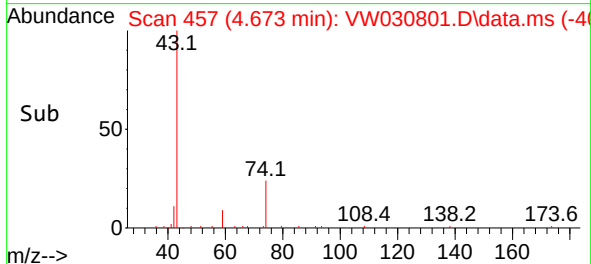
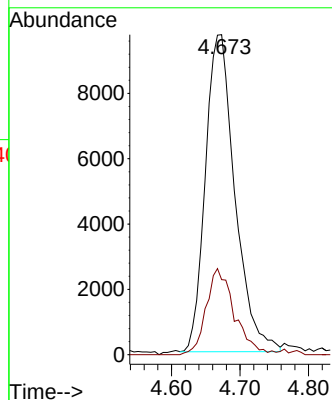
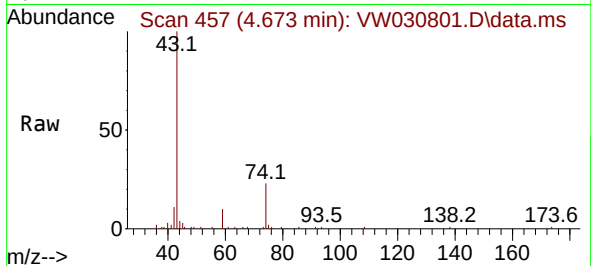




#15
Methyl Acetate
Concen: 20.604 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

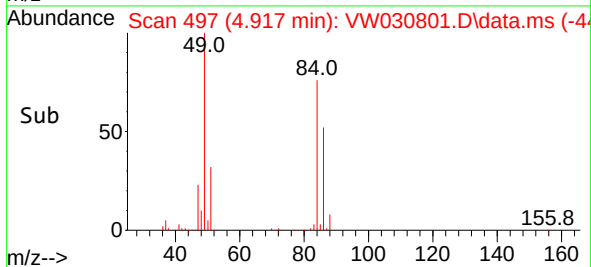
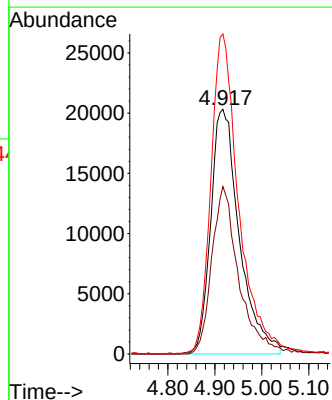
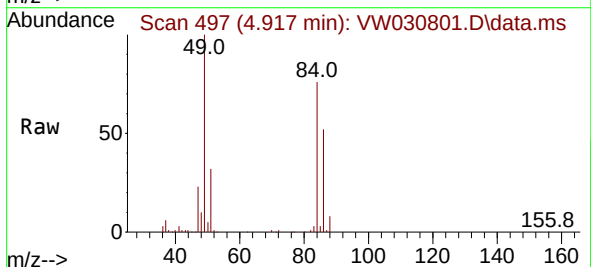
Instrument :
MSVOA_W
ClientSampleId :

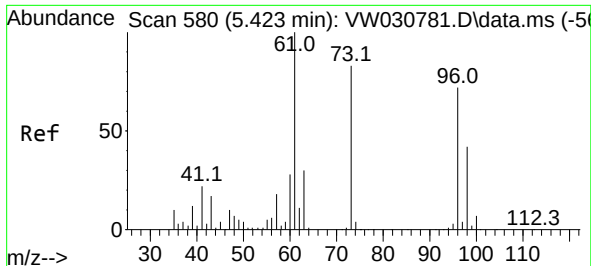
Tgt Ion: 43 Resp: 29164
Ion Ratio Lower Upper
43 100
74 25.7 19.3 28.9



#16
Methylene chloride
Concen: 20.577 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

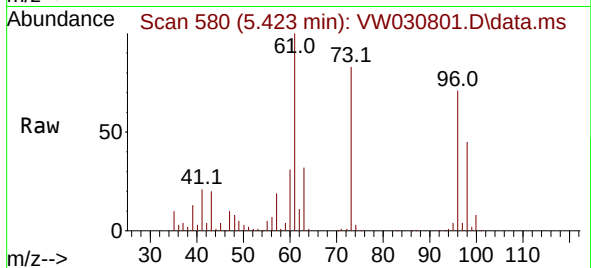
Tgt Ion: 84 Resp: 86072
Ion Ratio Lower Upper
84 100
86 68.4 43.8 81.3
49 130.8 88.3 164.1



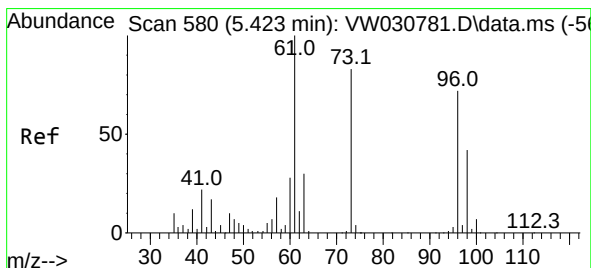
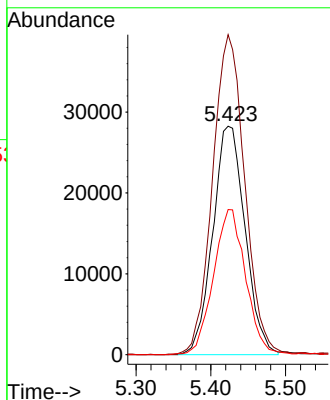
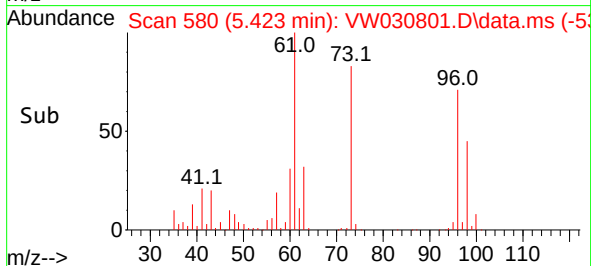


#17
trans-1,2-Dichloroethene
Concen: 21.213 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

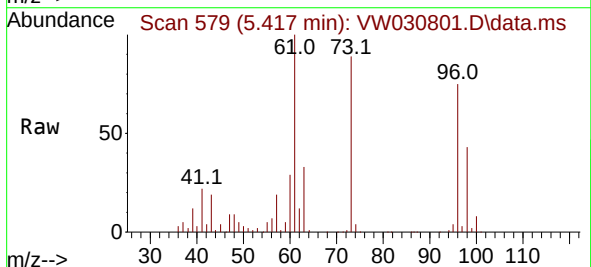
Instrument :
MSVOA_W
ClientSampleId :



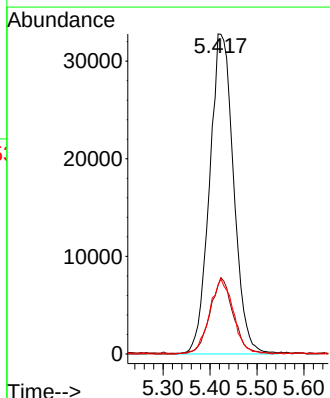
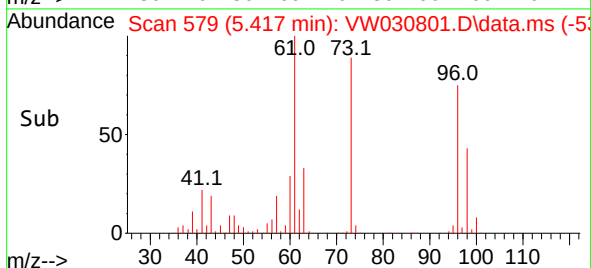
Tgt Ion: 96 Resp: 84973
Ion Ratio Lower Upper
96 100
61 140.1 96.9 179.9
98 63.5 42.2 78.4

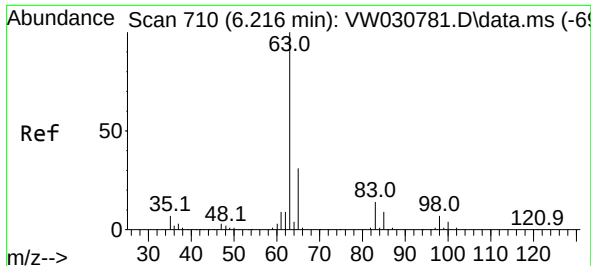


#18
Methyl tert-butyl Ether
Concen: 20.850 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24



Tgt Ion: 73 Resp: 116889
Ion Ratio Lower Upper
73 100
43 22.6 18.1 27.1
57 23.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 23.669 ug/L

RT: 6.209 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

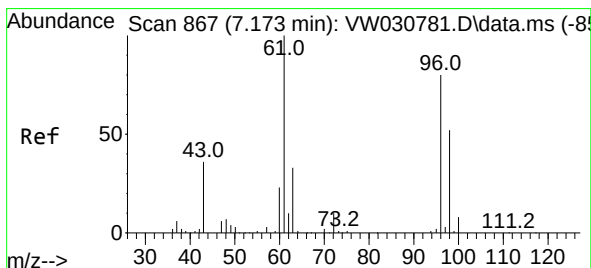
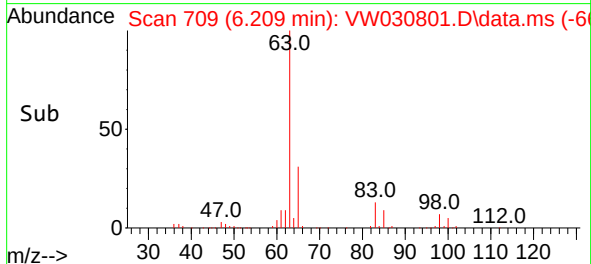
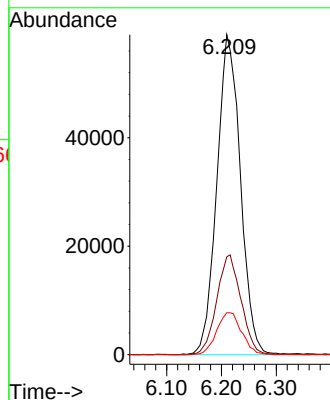
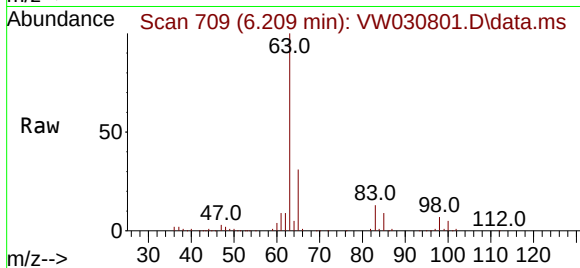
Tgt Ion: 63 Resp: 176218

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 13.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 22.403 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

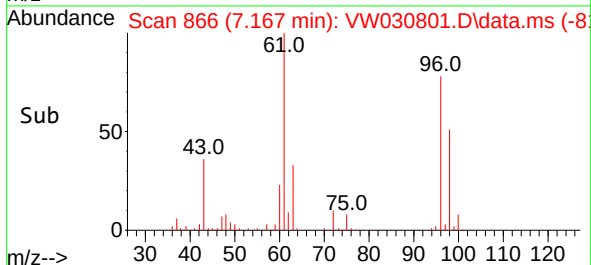
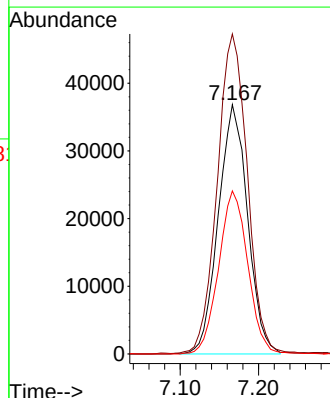
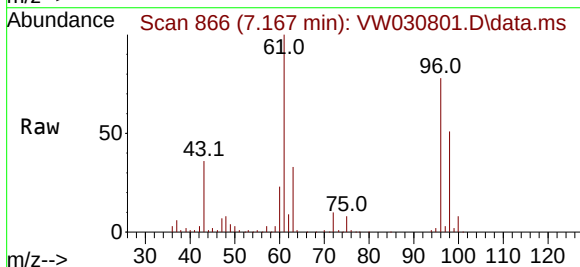
Tgt Ion: 96 Resp: 95719

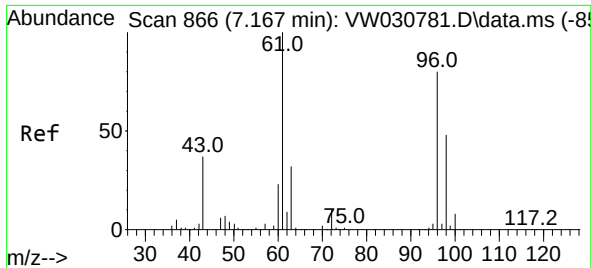
Ion Ratio Lower Upper

96 100

61 128.4 88.3 163.9

98 65.4 41.3 76.7

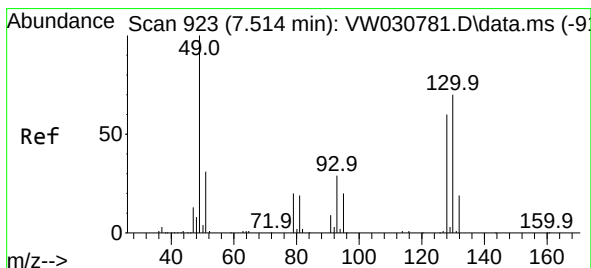
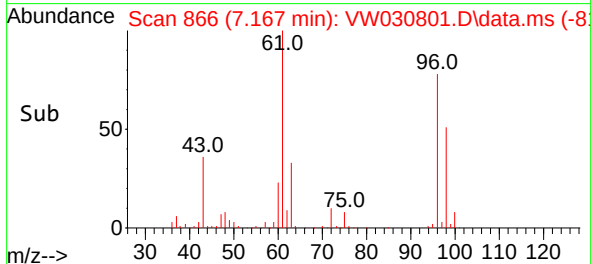
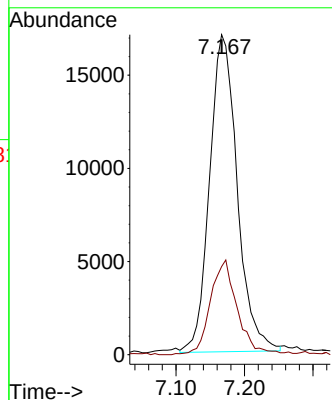
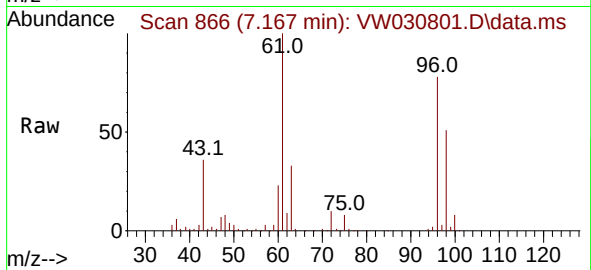




#22
2-Butanone
Concen: 38.613 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

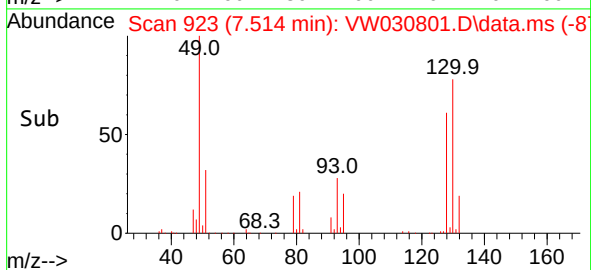
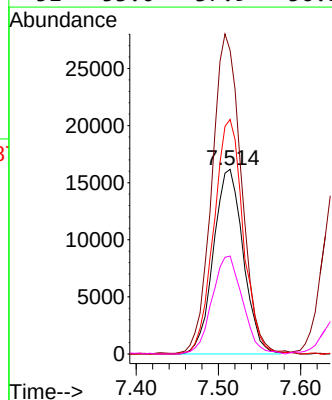
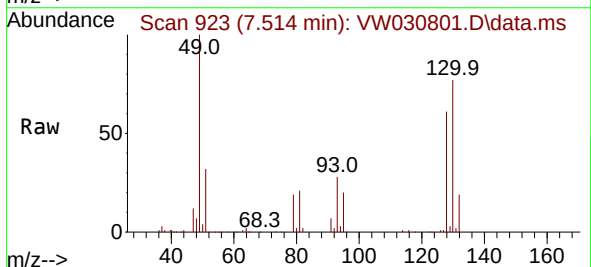
Instrument :
MSVOA_W
ClientSampleId :

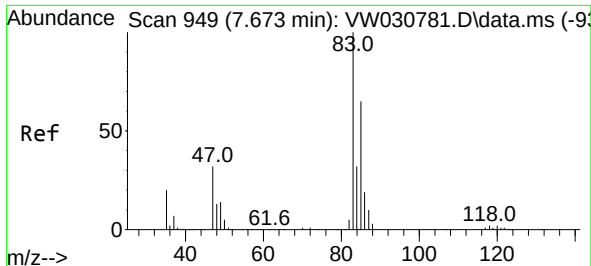
Tgt Ion: 43 Resp: 47694
Ion Ratio Lower Upper
43 100
72 27.9 14.4 43.0



#23
Bromochloromethane
Concen: 21.826 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion: 128 Resp: 40795
Ion Ratio Lower Upper
128 100
49 164.4 110.1 204.5
130 127.1 82.9 153.9
51 53.0 37.9 56.9

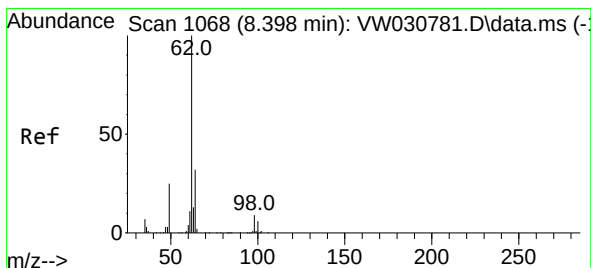
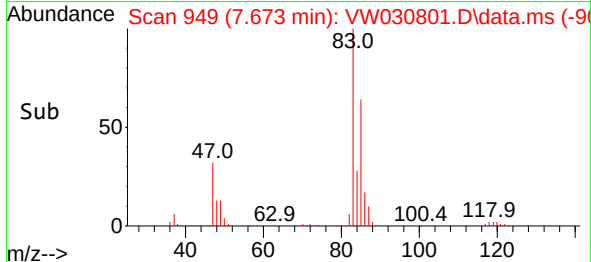
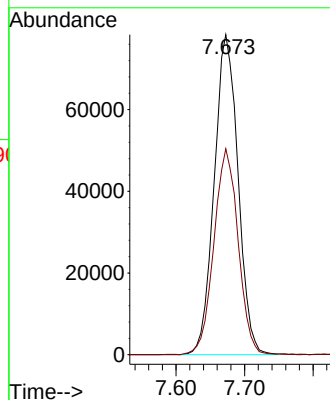
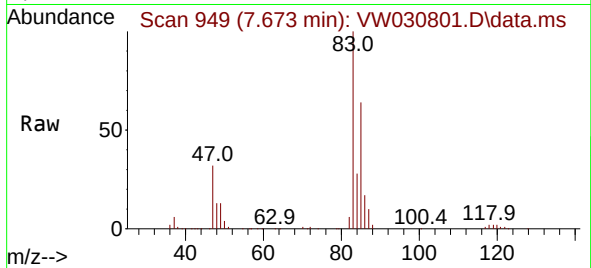




#25
Chloroform
Concen: 23.748 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

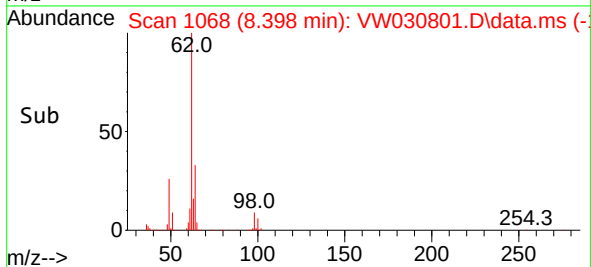
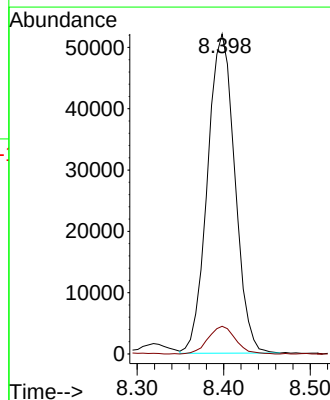
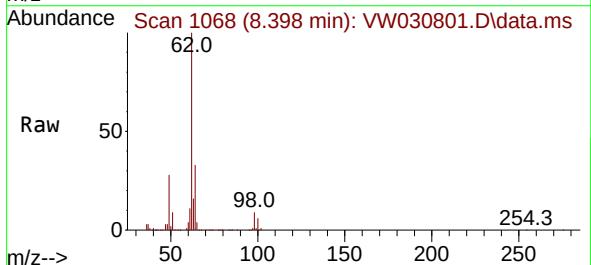
Instrument :
MSVOA_W
ClientSampleId :

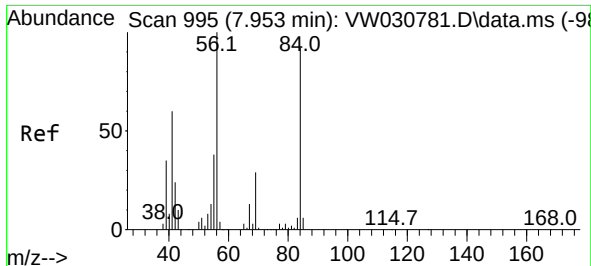
Tgt Ion: 83 Resp: 188938
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.778 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

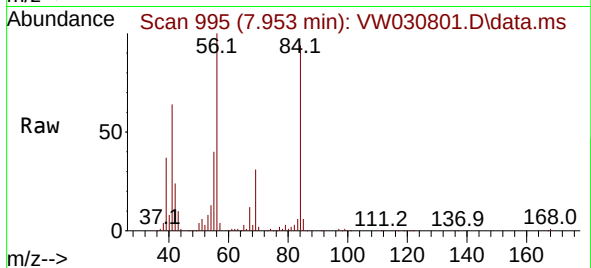
Tgt Ion: 62 Resp: 114306
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.6



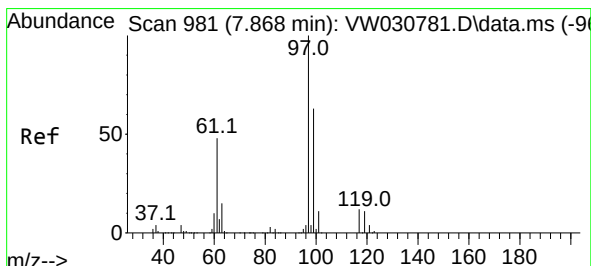
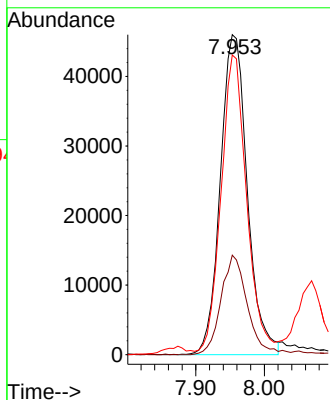
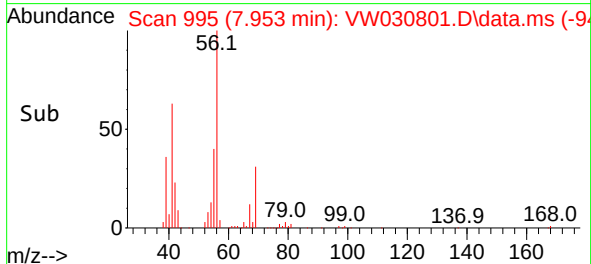


#29
Cyclohexane
Concen: 21.146 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Instrument :
MSVOA_W
ClientSampleId :

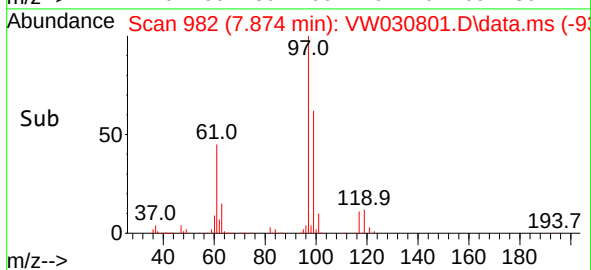
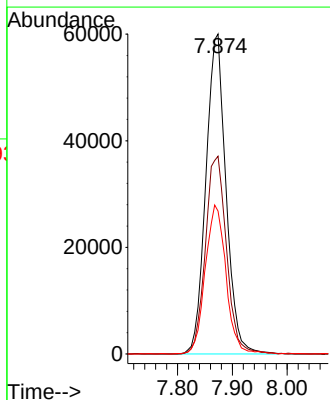
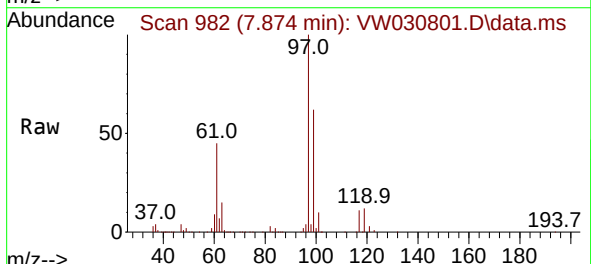


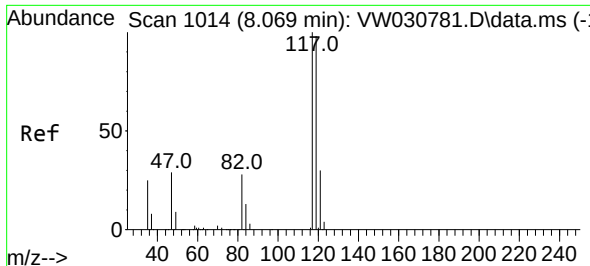
Tgt Ion: 56 Resp: 125853
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.0
84 88.6 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 23.542 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion: 97 Resp: 152799
Ion Ratio Lower Upper
97 100
99 65.0 52.3 78.5
61 47.4 38.5 57.7

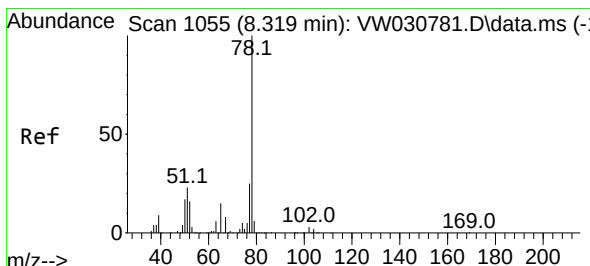
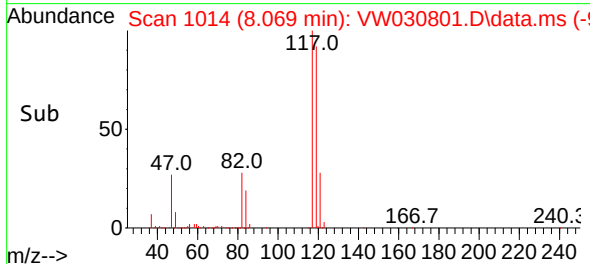
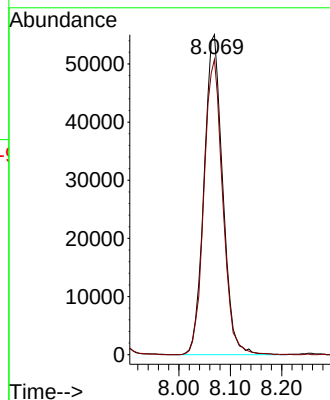
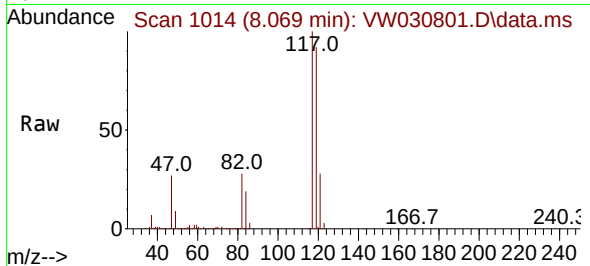




#31
Carbon tetrachloride
Concen: 23.889 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

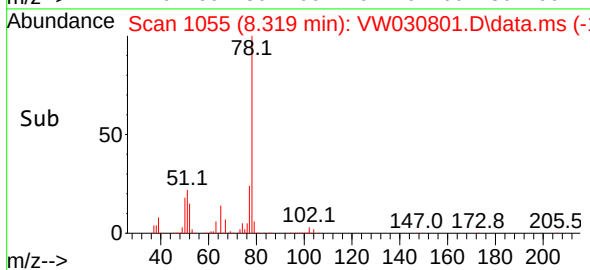
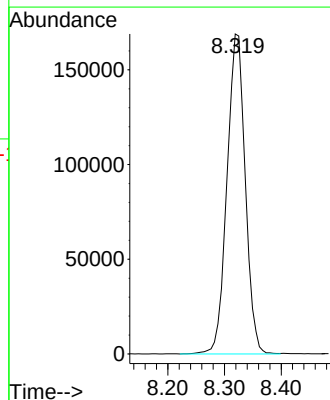
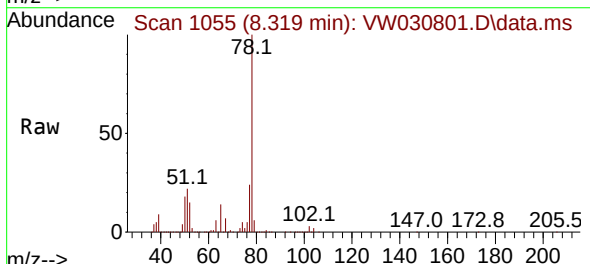
Instrument :
MSVOA_W
ClientSampleId :

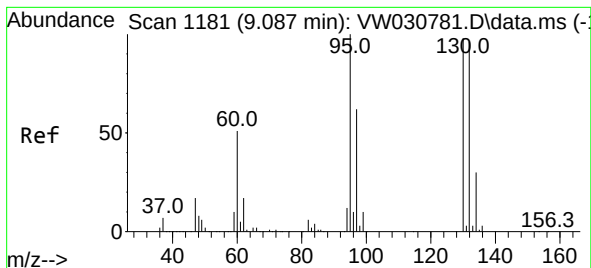
Tgt Ion:117 Resp: 138480
Ion Ratio Lower Upper
117 100
119 92.9 77.8 116.8



#33
Benzene
Concen: 23.783 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion: 78 Resp: 378394





#34

Trichloroethene

Concen: 22.755 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 100725

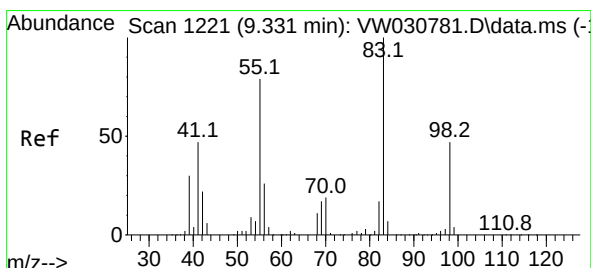
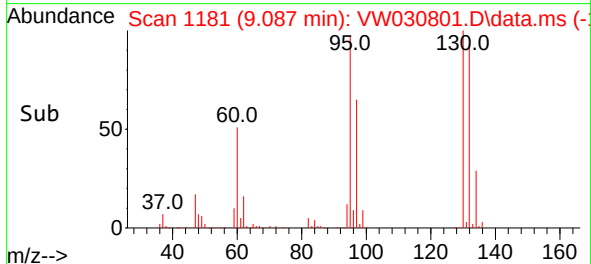
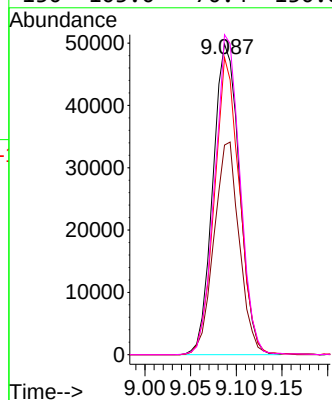
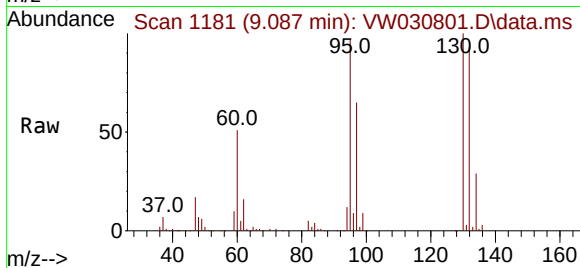
Ion Ratio Lower Upper

95 100

97 67.5 45.9 85.3

132 95.7 66.4 123.2

130 103.0 70.4 130.8



#35

Methylcyclohexane

Concen: 21.554 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

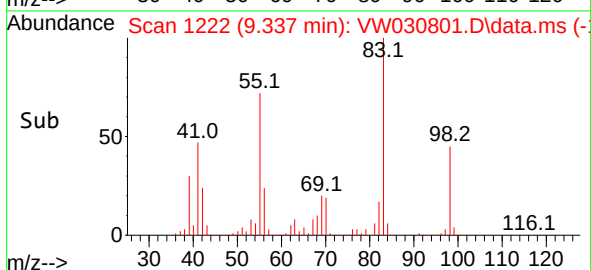
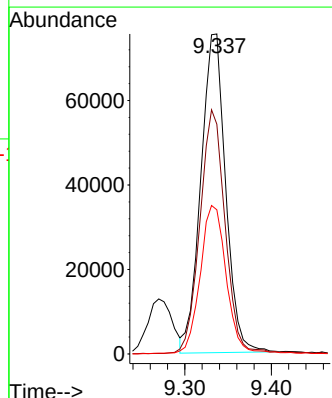
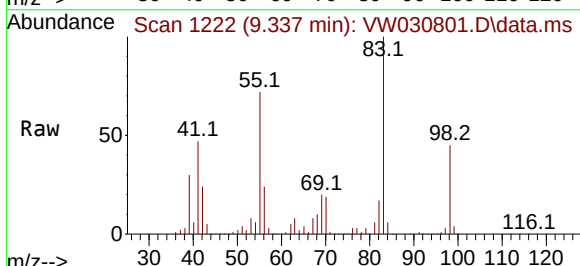
Tgt Ion: 83 Resp: 150150

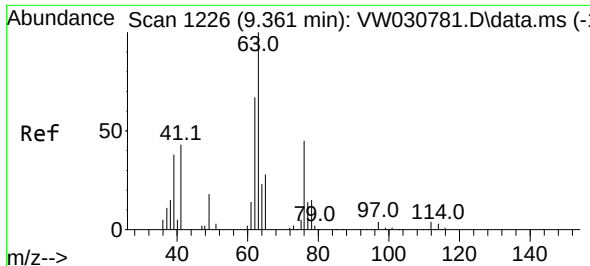
Ion Ratio Lower Upper

83 100

55 77.2 61.8 92.8

98 49.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.972 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

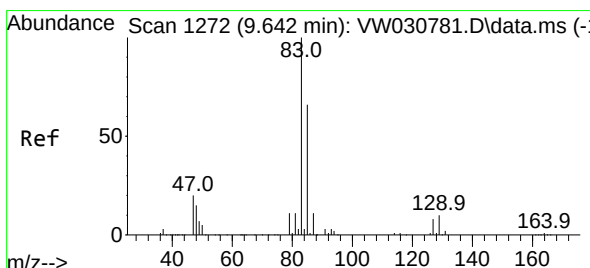
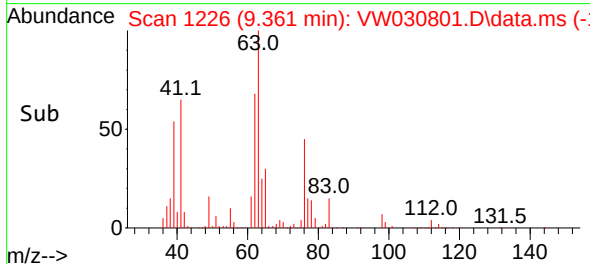
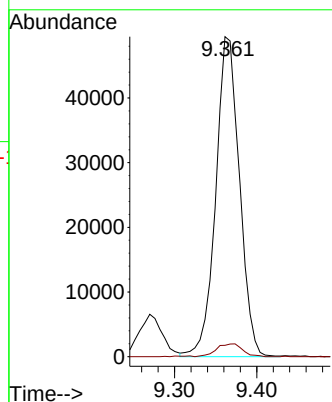
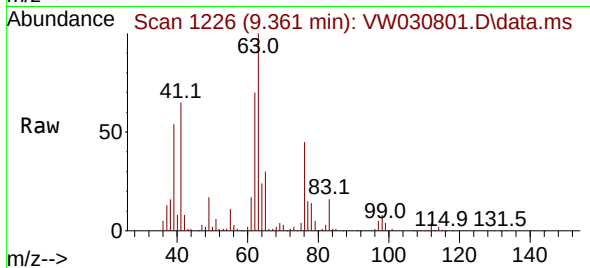
ClientSampleId :

Tgt Ion: 63 Resp: 99234

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 24.832 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

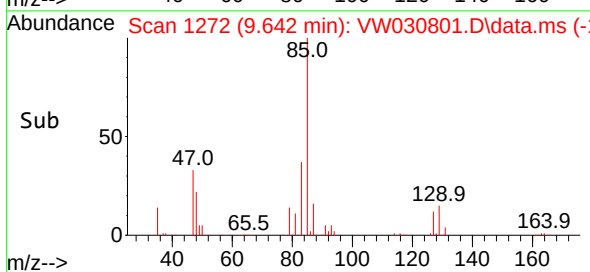
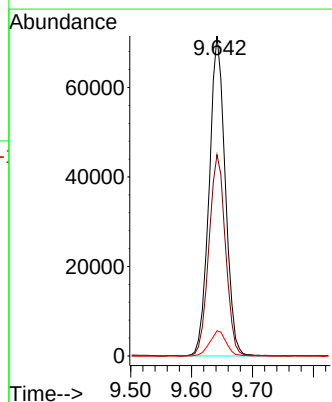
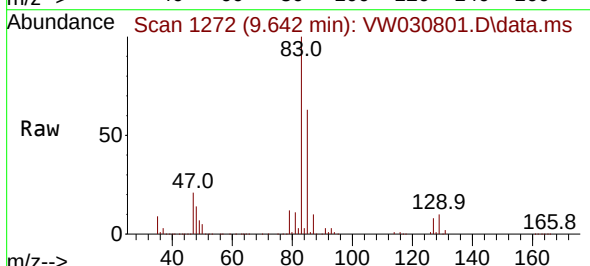
Tgt Ion: 83 Resp: 131288

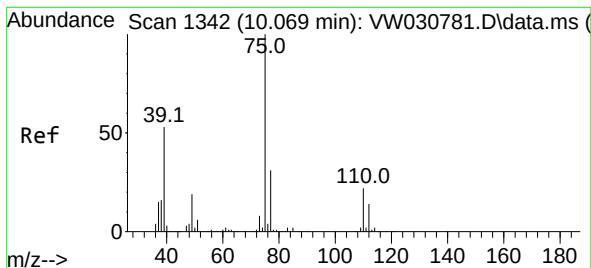
Ion Ratio Lower Upper

83 100

85 62.9 44.2 82.0

127 7.8 6.2 9.4

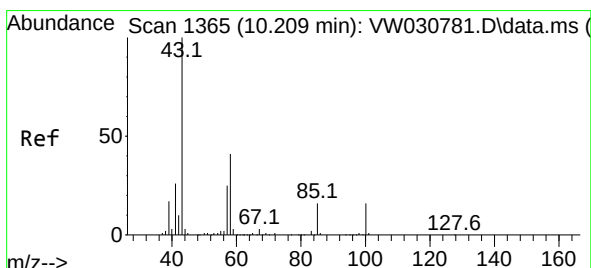
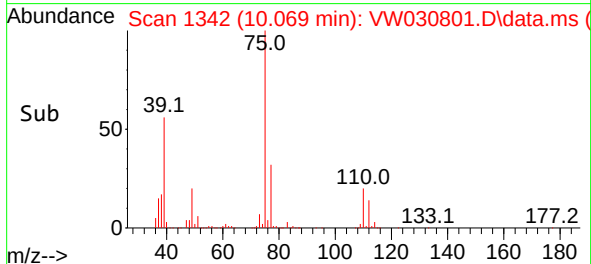
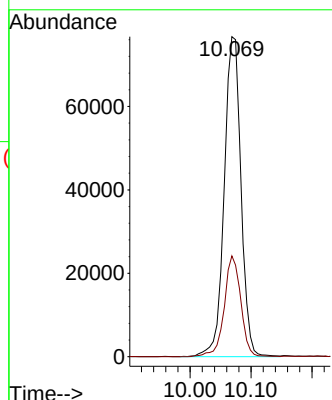
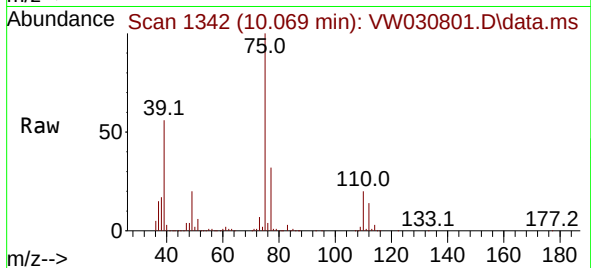




#39
cis-1,3-Dichloropropene
Concen: 24.528 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

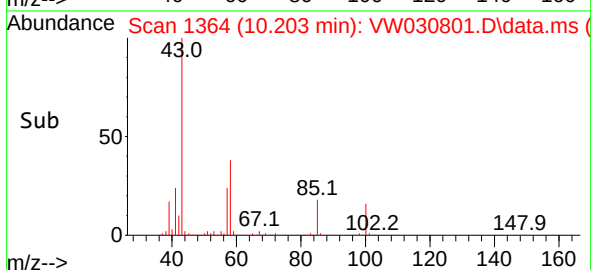
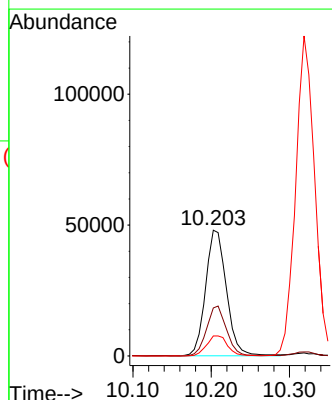
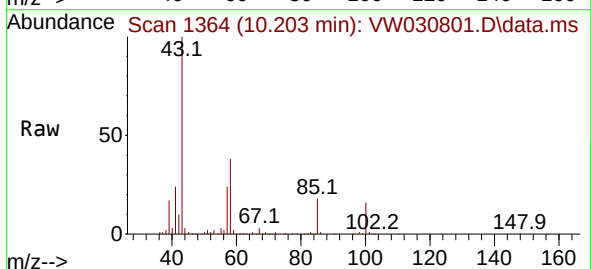
Instrument :
MSVOA_W
ClientSampleId :

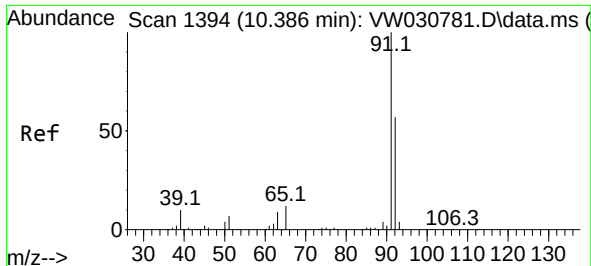
Tgt Ion: 75 Resp: 147021
Ion Ratio Lower Upper
75 100
77 31.5 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 46.341 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion: 43 Resp: 88466
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2
100 16.3 13.1 19.7

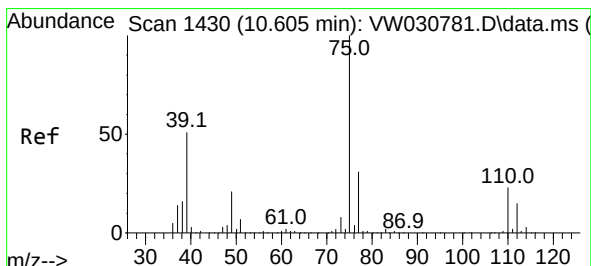
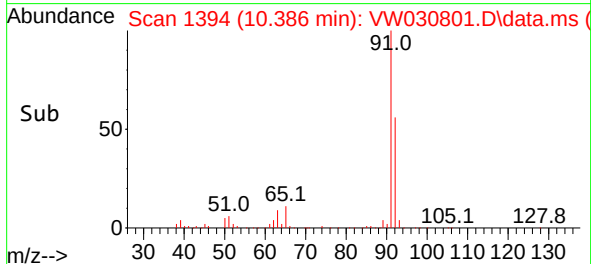
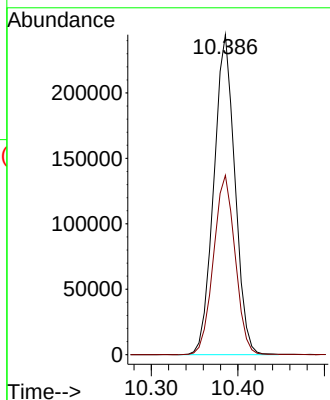
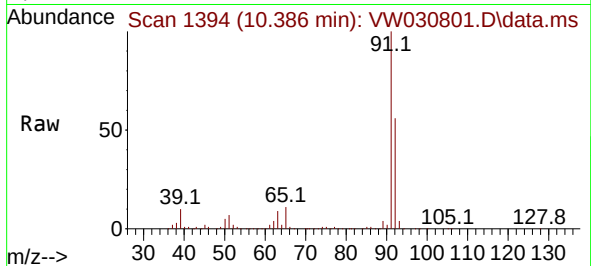




#42
Toluene
Concen: 24.323 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

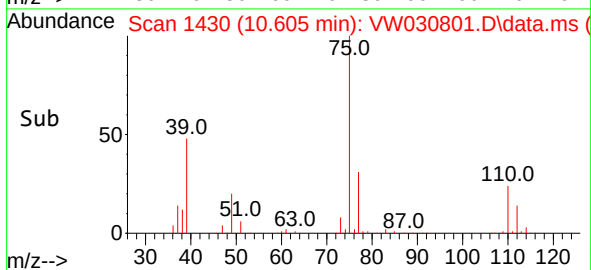
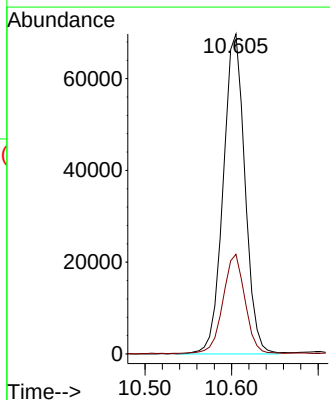
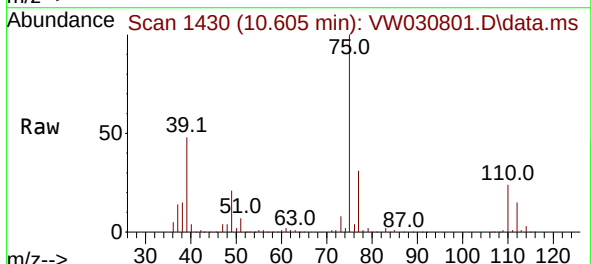
Instrument :
MSVOA_W
ClientSampleId :

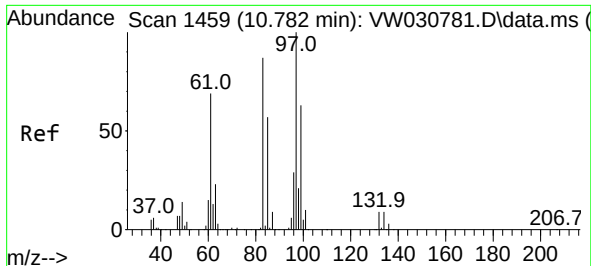
Tgt Ion: 91 Resp: 412870
Ion Ratio Lower Upper
91 100
92 56.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 24.168 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion: 75 Resp: 121731
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 23.717 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 68114

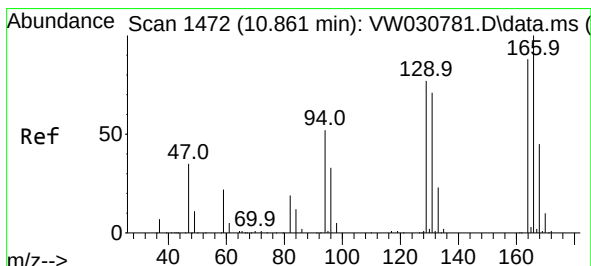
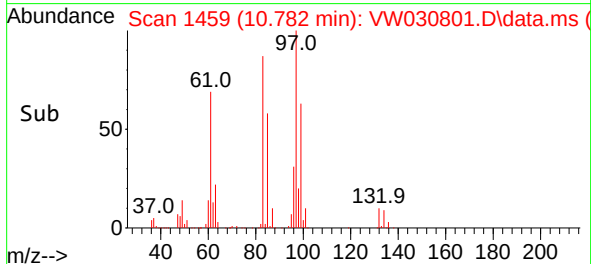
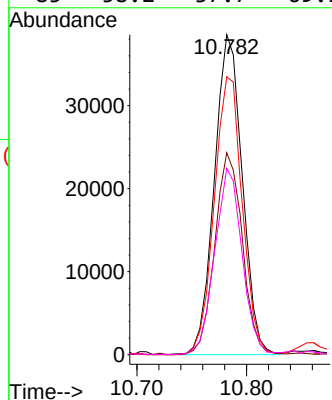
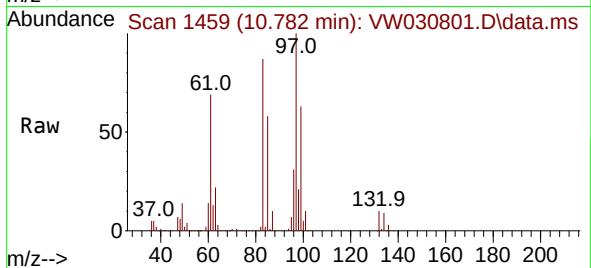
Ion Ratio Lower Upper

97 100

99 63.1 41.2 76.6

83 86.8 59.6 110.6

85 58.2 37.7 69.9



#46

Tetrachloroethene

Concen: 23.658 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Tgt Ion:164 Resp: 77236

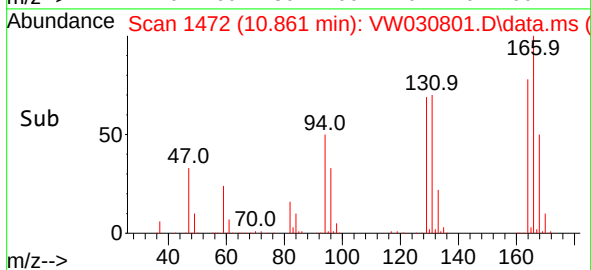
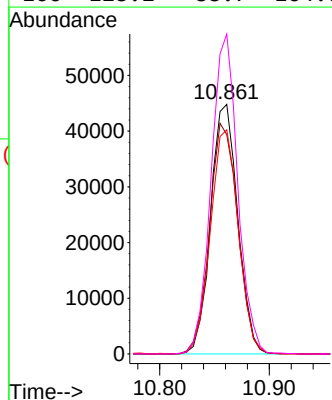
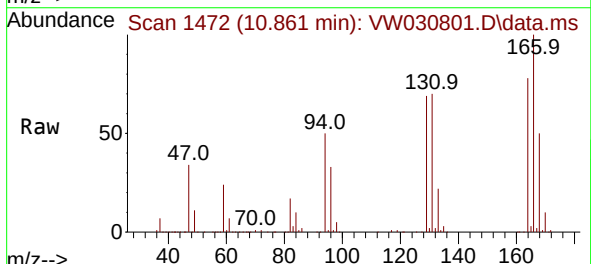
Ion Ratio Lower Upper

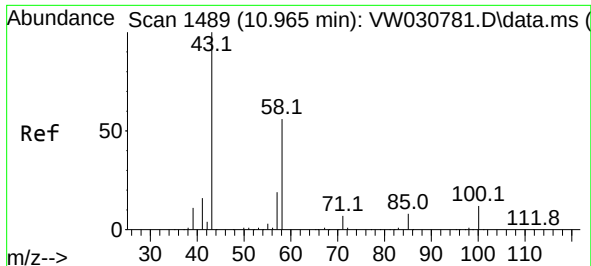
164 100

129 87.9 66.6 123.6

131 89.8 63.7 118.3

166 128.2 88.7 164.7

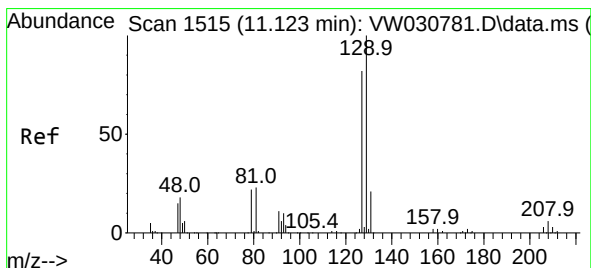
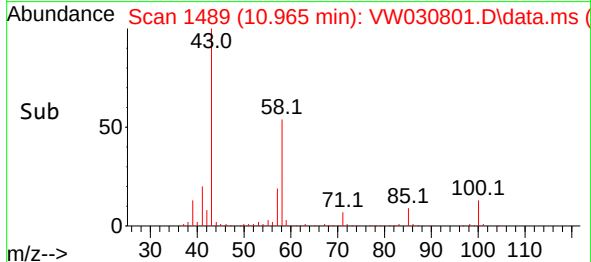
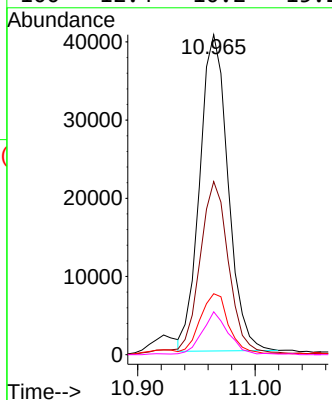
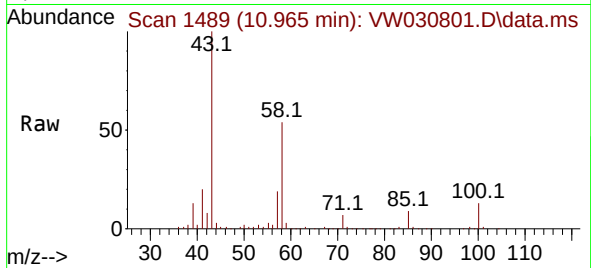




#48
2-Hexanone
Concen: 43.411 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

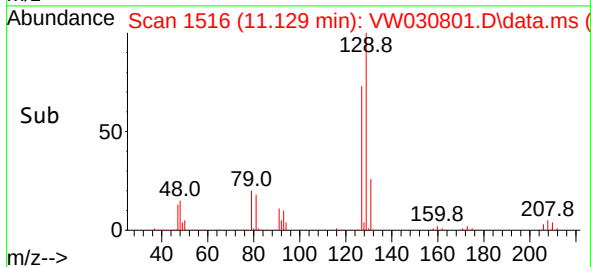
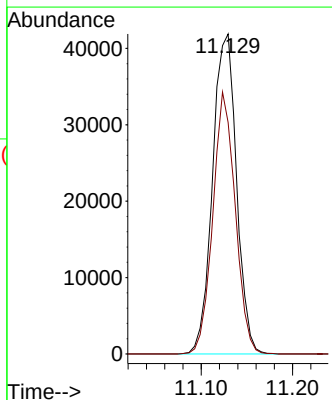
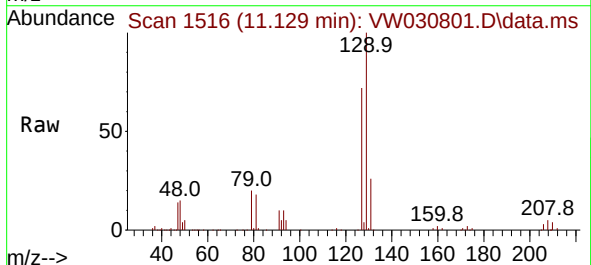
Instrument :
MSVOA_W
ClientSampleId :

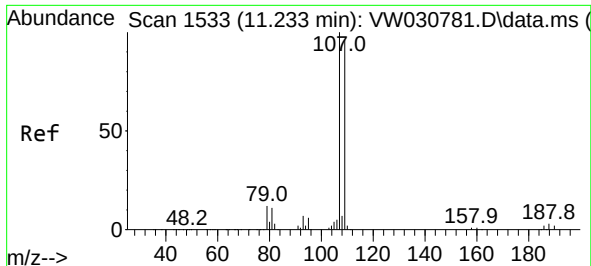
Tgt Ion: 43 Resp: 67772
Ion Ratio Lower Upper
43 100
58 54.3 44.6 67.0
57 20.1 15.8 23.8
100 12.4 10.2 15.2



#49
Dibromochloromethane
Concen: 23.817 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion:129 Resp: 76321
Ion Ratio Lower Upper
129 100
127 72.4 56.5 104.9





#50

1,2-Dibromoethane

Concen: 22.982 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min MSVOA_W

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

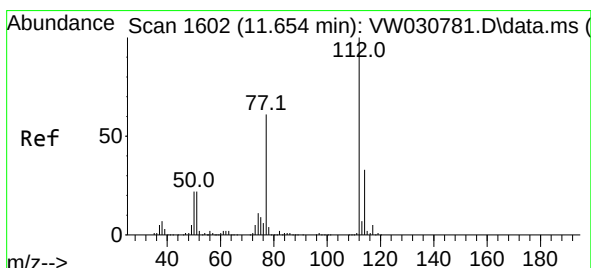
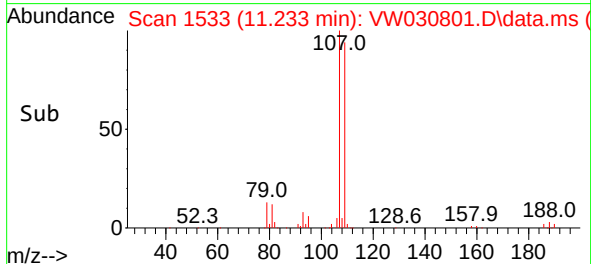
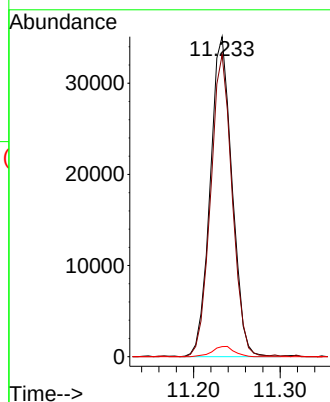
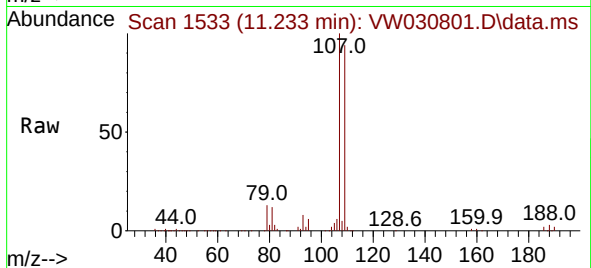
Tgt Ion:107 Resp: 61588

Ion Ratio Lower Upper

107 100

109 94.3 63.8 118.6

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 23.749 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

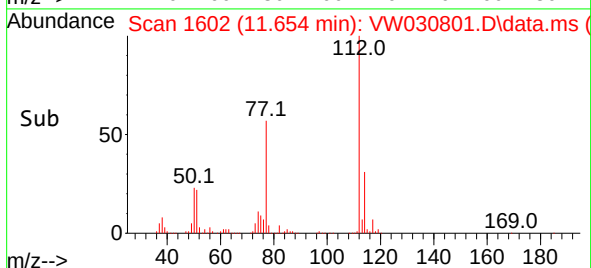
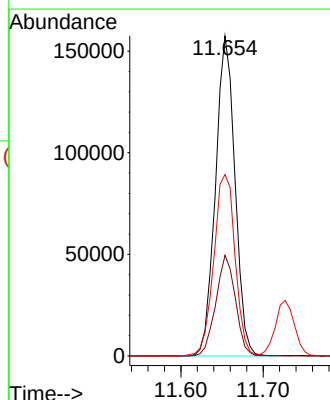
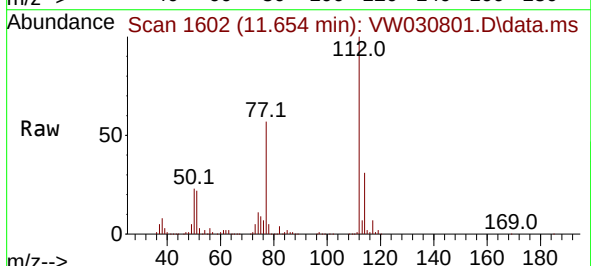
Tgt Ion:112 Resp: 259501

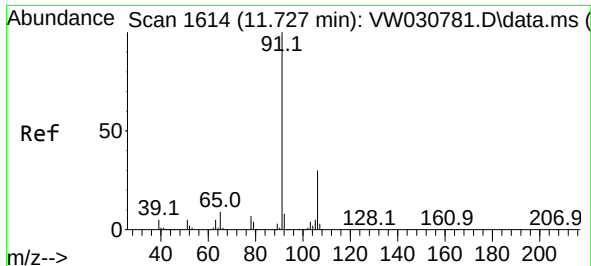
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 56.7 47.1 70.7

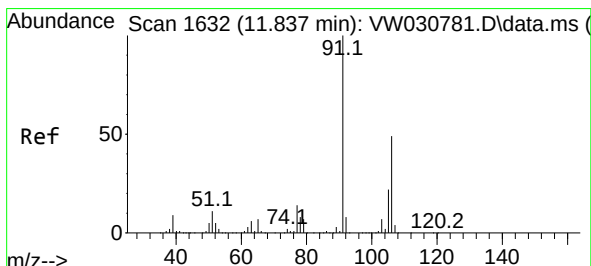
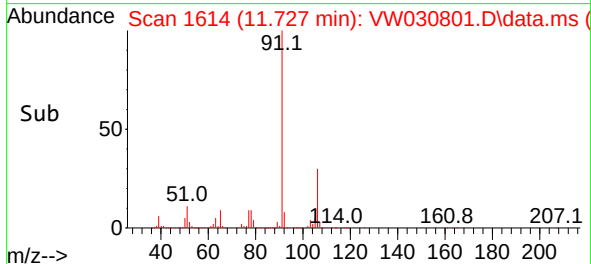
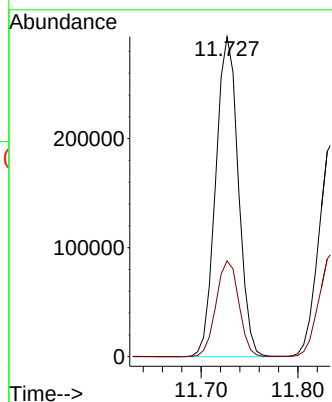
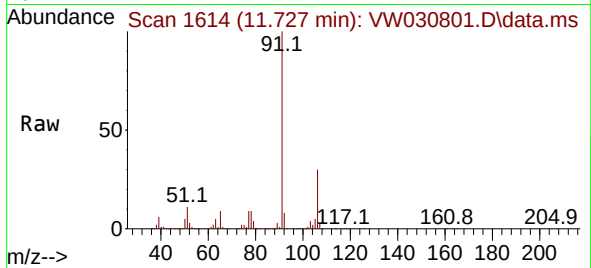




#52
Ethylbenzene
Concen: 24.549 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

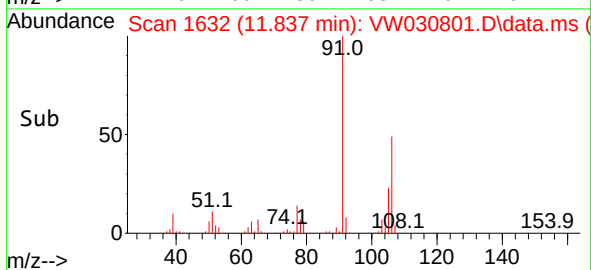
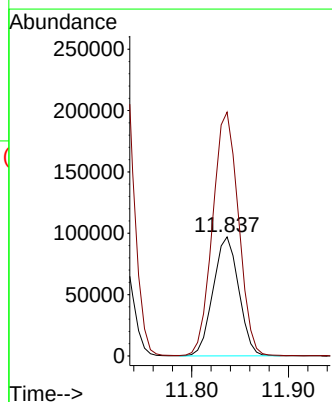
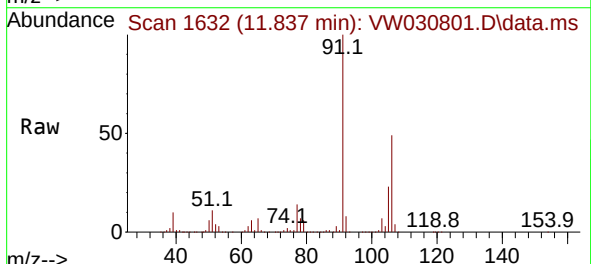
Instrument :
MSVOA_W
ClientSampleId :

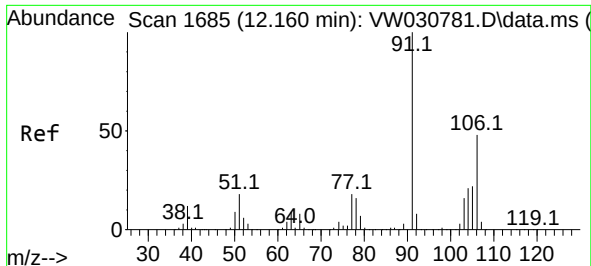
Tgt Ion: 91 Resp: 475473
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.1



#53
m,p-Xylene
Concen: 24.542 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion:106 Resp: 178087
Ion Ratio Lower Upper
106 100
91 205.0 140.6 261.2

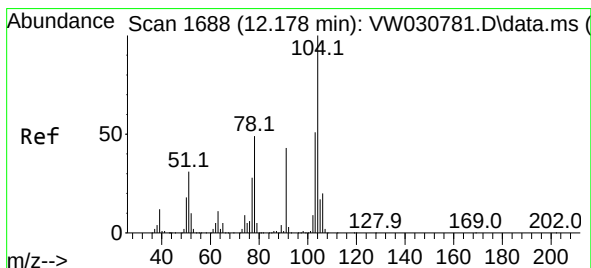
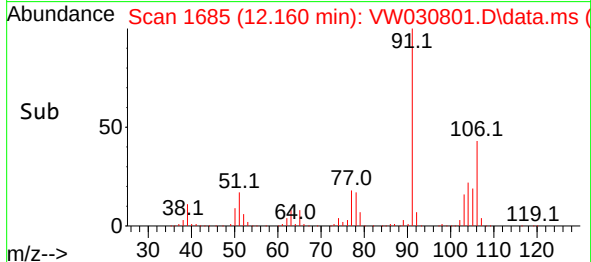
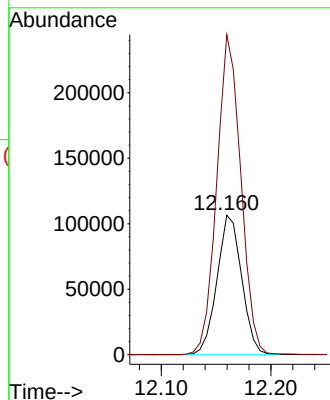
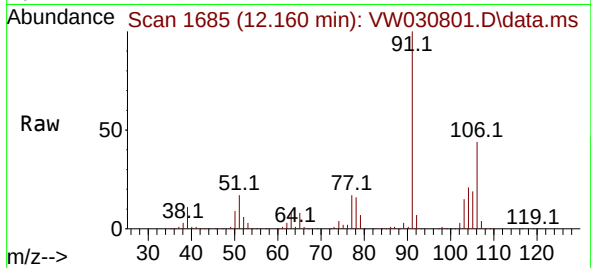




#54
o-Xylene
Concen: 24.824 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

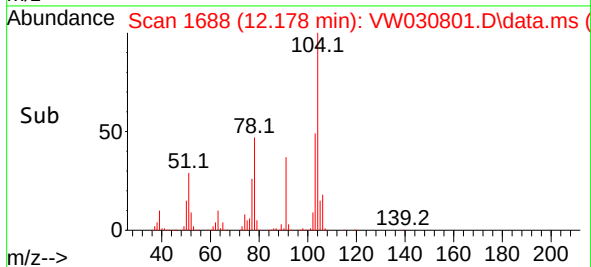
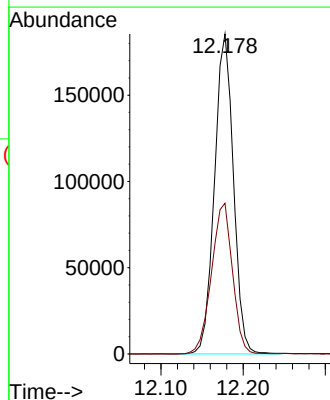
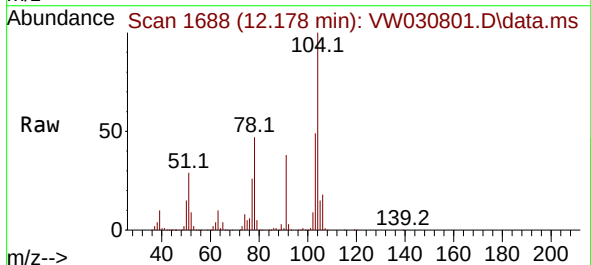
Instrument :
MSVOA_W
ClientSampleId :

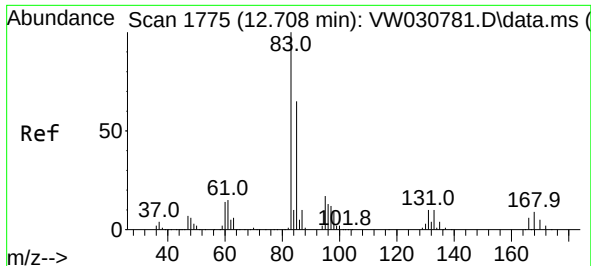
Tgt Ion:106 Resp: 166533
Ion Ratio Lower Upper
106 100
91 229.4 144.5 268.4



#55
Styrene
Concen: 25.872 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion:104 Resp: 296707
Ion Ratio Lower Upper
104 100
78 47.1 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.361 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030801.D

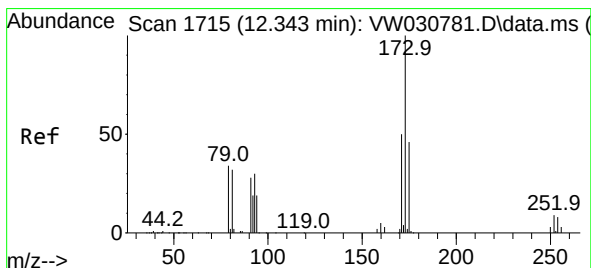
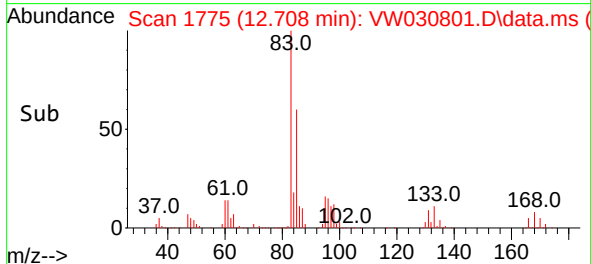
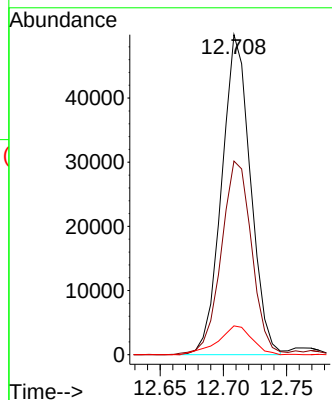
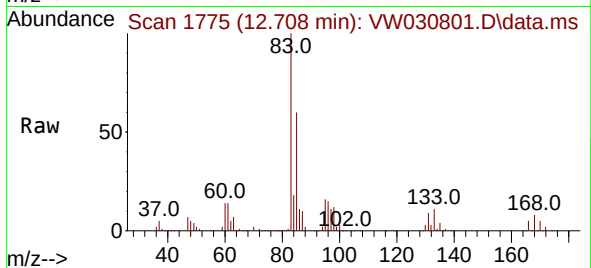
Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	78898
Ion Ratio	Lower	Upper	
83	100		
85	60.5	42.6	79.2
131	9.0	7.4	11.0



#59

Bromoform

Concen: 23.088 ug/L

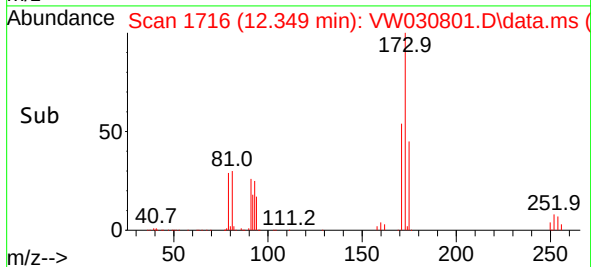
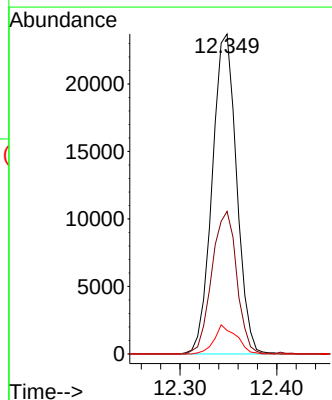
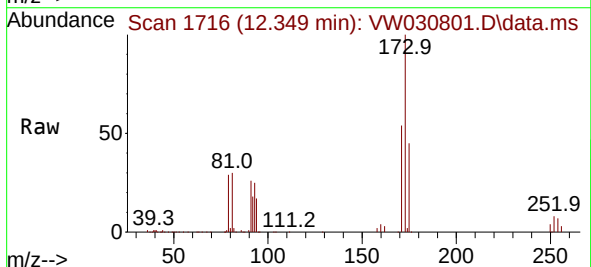
RT: 12.349 min Scan# 1716

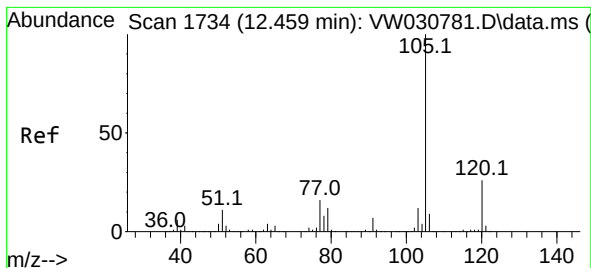
Delta R.T. 0.006 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

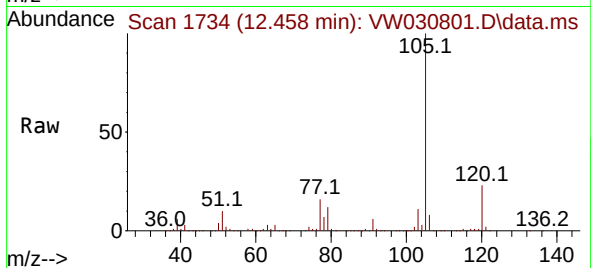
Tgt Ion:	173	Resp:	41592
Ion Ratio	Lower	Upper	
173	100		
175	45.5	39.0	58.4
254	8.2	7.7	11.5



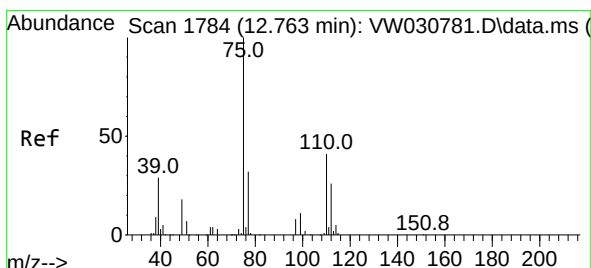
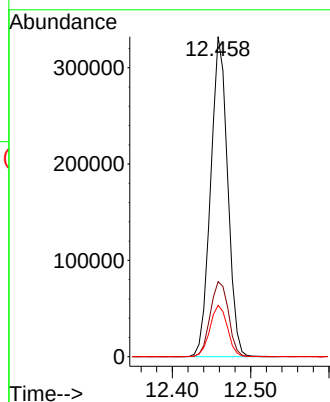
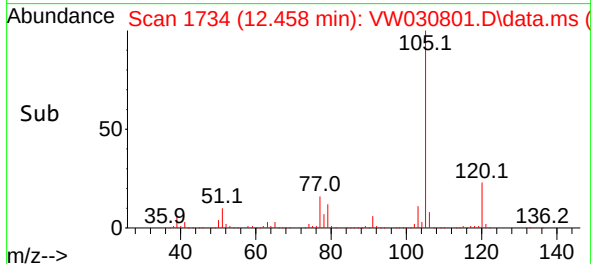


#60
Isopropylbenzene
Concen: 25.183 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Instrument :
MSVOA_W
ClientSampleId :

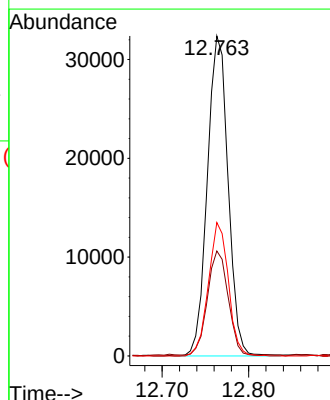
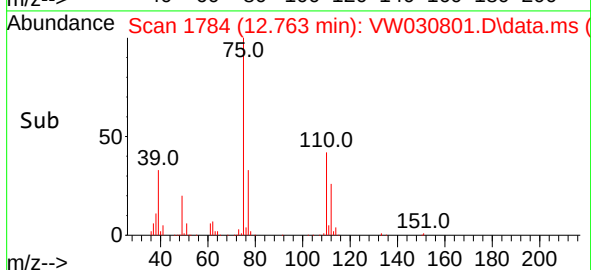
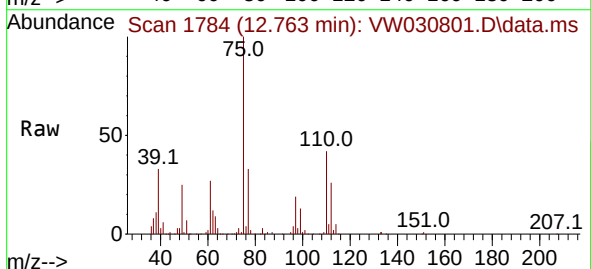


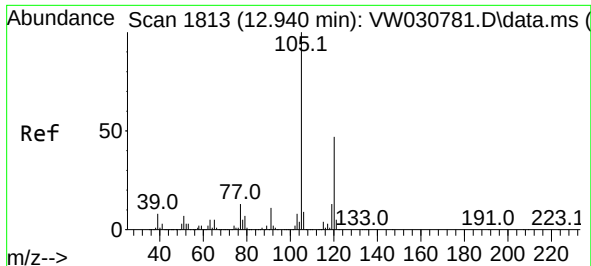
Tgt Ion:105 Resp: 500043
Ion Ratio Lower Upper
105 100
120 25.2 20.6 31.0
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 21.641 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion: 75 Resp: 53994
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 40.0 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 24.521 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

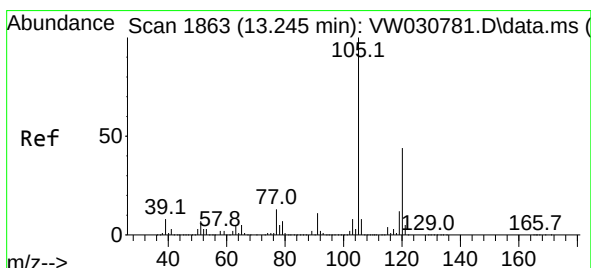
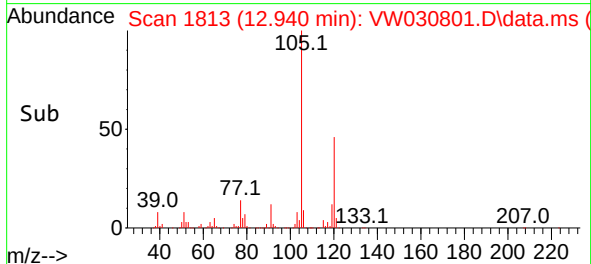
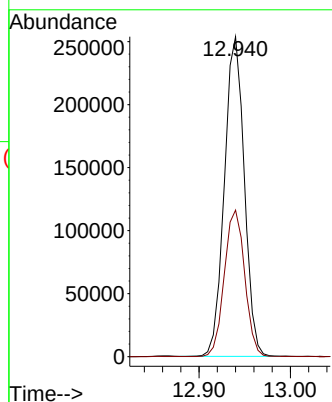
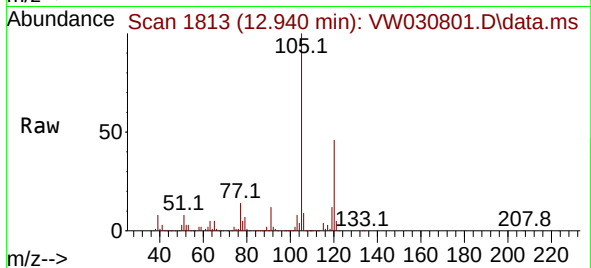
ClientSampleId :

Tgt Ion:105 Resp: 384130

Ion Ratio Lower Upper

105 100

120 46.9 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 23.959 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030801.D

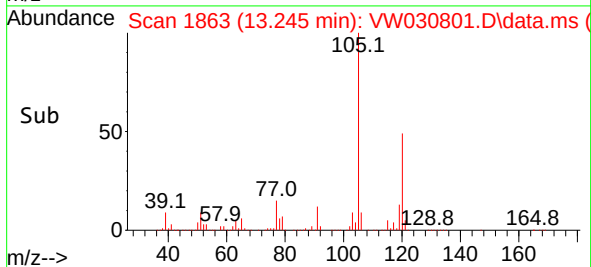
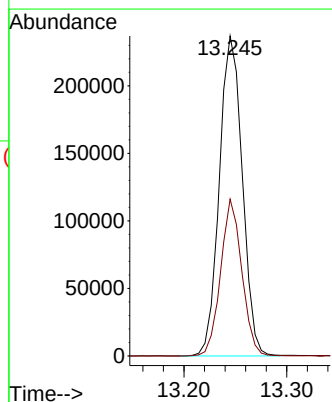
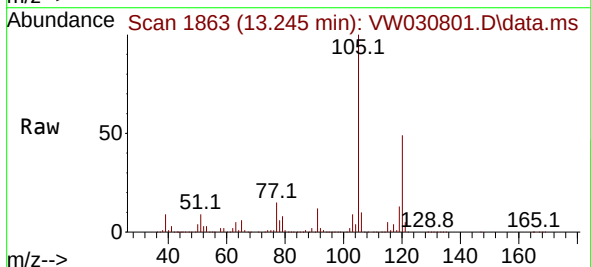
Acq: 29 Oct 2024 13:24

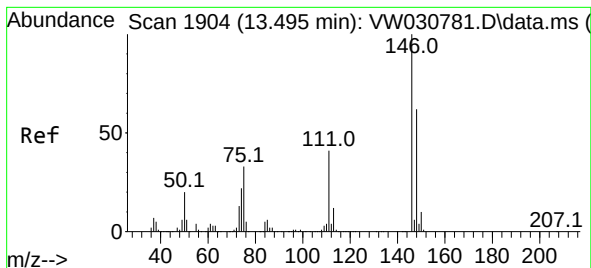
Tgt Ion:105 Resp: 367484

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.6

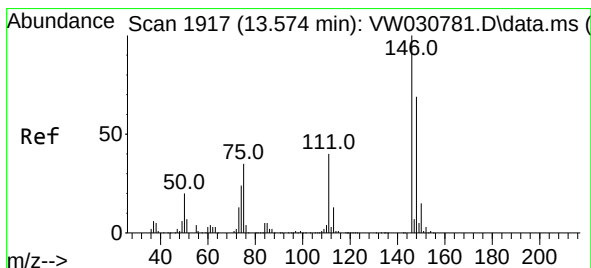
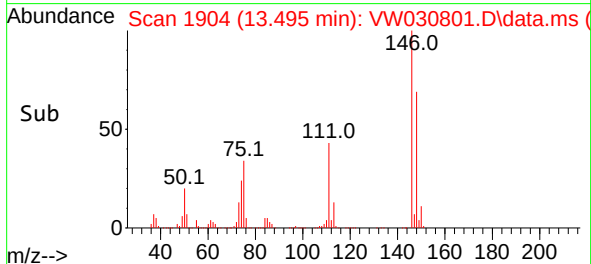
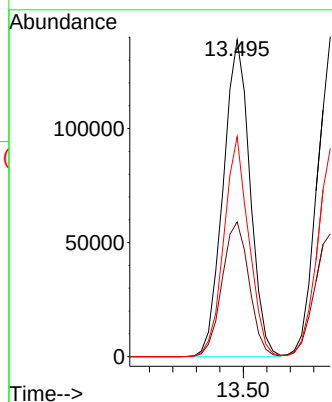
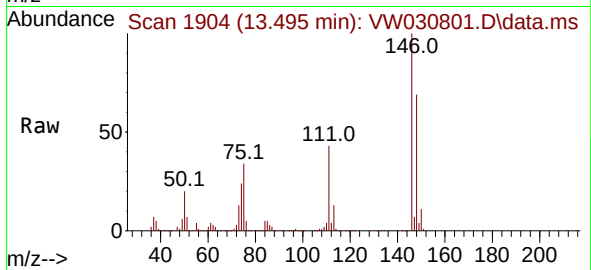




#64
1,3-Dichlorobenzene
Concen: 25.500 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

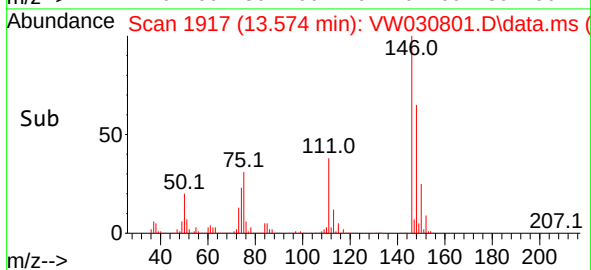
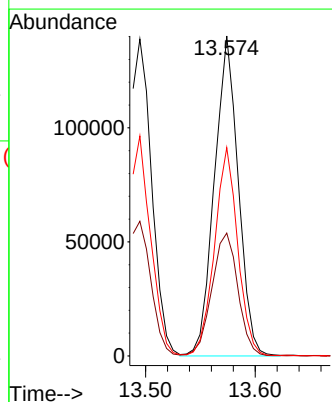
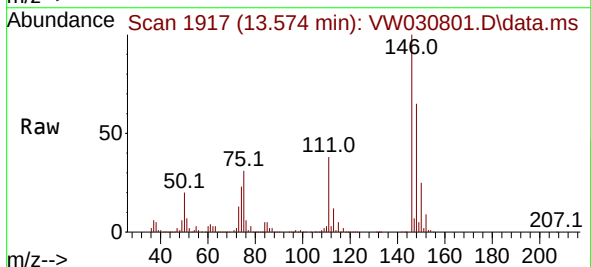
Instrument :
MSVOA_W
ClientSampleId :

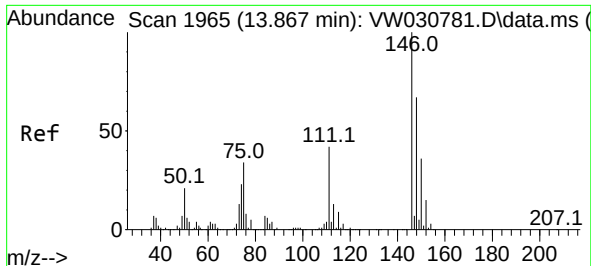
Tgt Ion:146 Resp: 220397
Ion Ratio Lower Upper
146 100
111 42.5 31.2 58.0
148 69.4 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 23.812 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030801.D
Acq: 29 Oct 2024 13:24

Tgt Ion:146 Resp: 212503
Ion Ratio Lower Upper
146 100
111 38.4 26.8 49.8
148 65.1 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 24.611 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

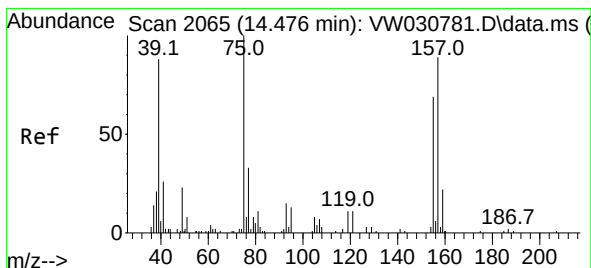
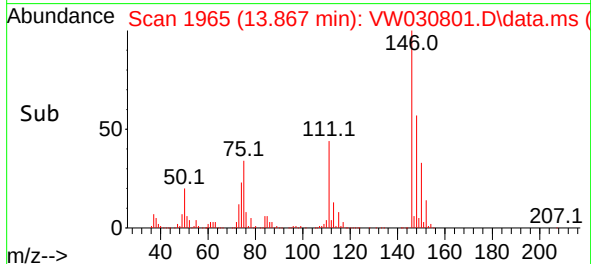
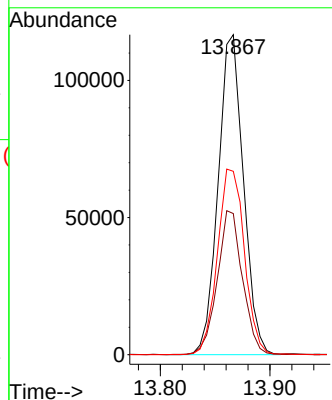
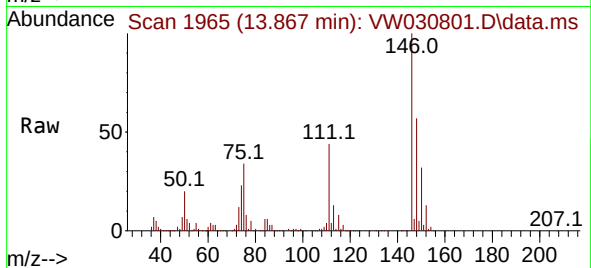
Tgt Ion:146 Resp: 187177

Ion Ratio Lower Upper

146 100

111 44.1 34.6 52.0

148 57.3 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.404 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

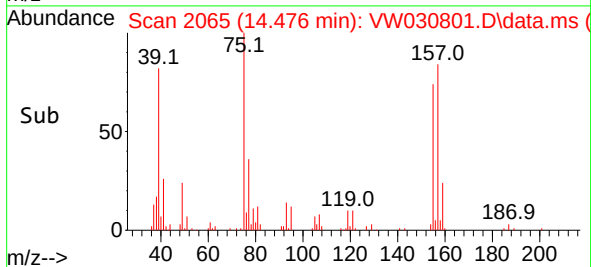
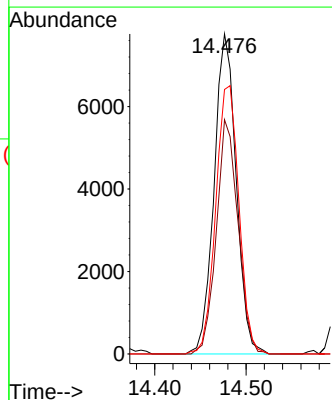
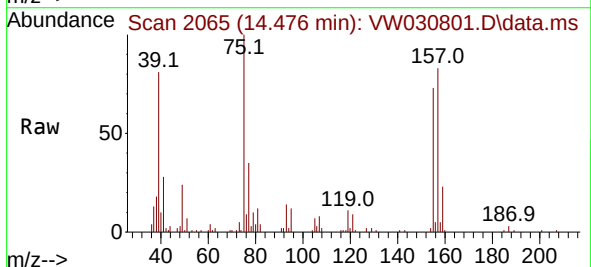
Tgt Ion: 75 Resp: 13020

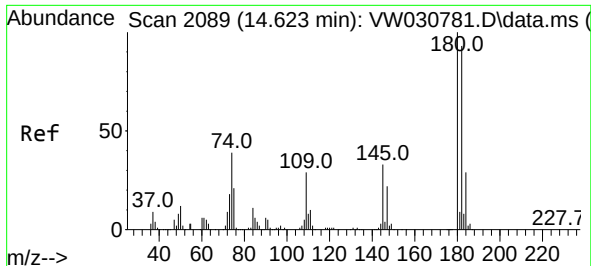
Ion Ratio Lower Upper

75 100

155 73.2 57.9 86.9

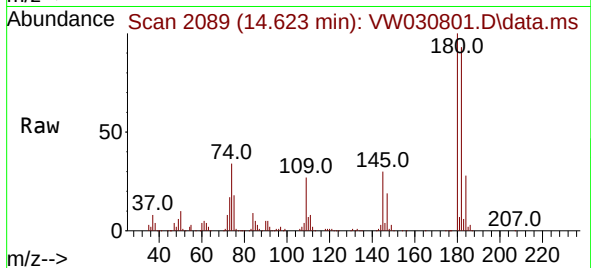
157 82.7 69.0 103.6



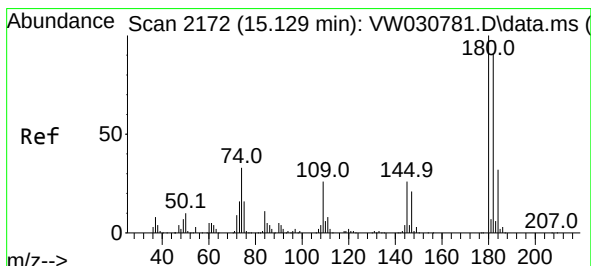
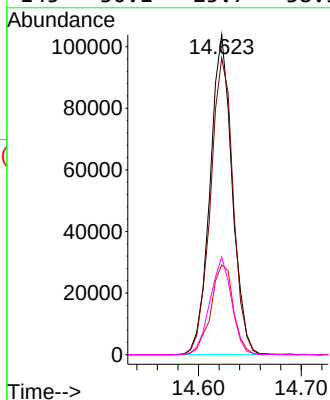
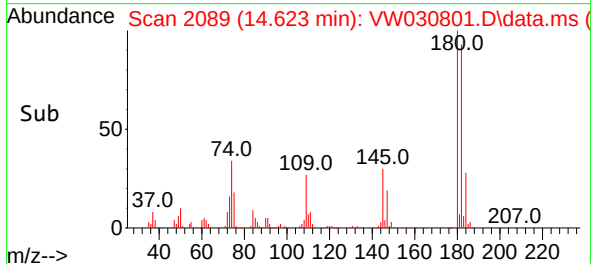


#69
 1,3,5-Trichlorobenzene
 Concen: 27.070 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW030801.D
 Acq: 29 Oct 2024 13:24

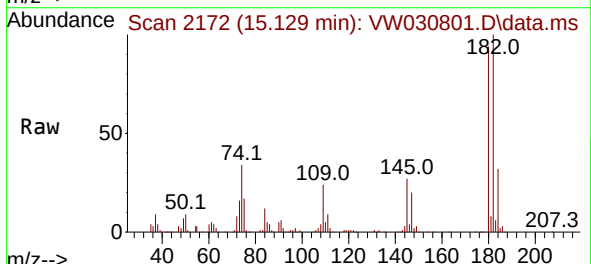
Instrument :
 MSVOA_W
 ClientSampleId :



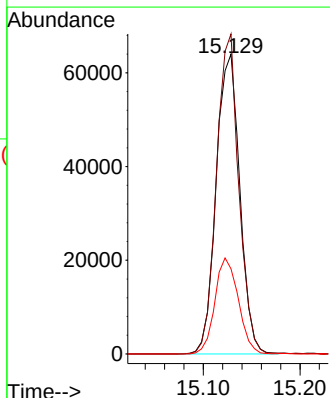
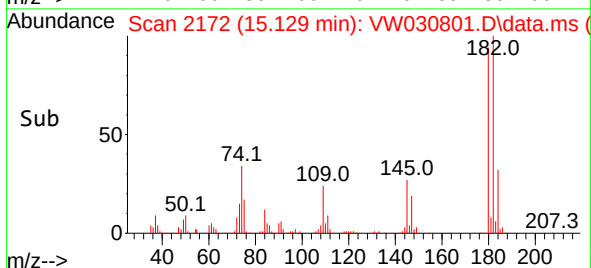
Tgt Ion:180	Resp:	154280
Ion Ratio	Lower	Upper
180	100	
182	95.7	79.9 119.9
184	28.8	25.2 37.8
145	30.1	25.7 38.5

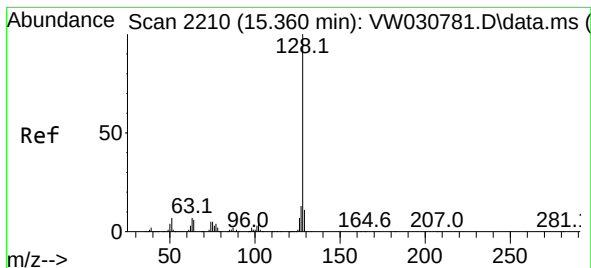


#70
 1,2,4-trichlorobenzene
 Concen: 23.645 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW030801.D
 Acq: 29 Oct 2024 13:24



Tgt Ion:180	Resp:	108489
Ion Ratio	Lower	Upper
180	100	
182	100.8	75.2 112.8
145	31.7	25.4 38.2





#71

Naphthalene

Concen: 22.812 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

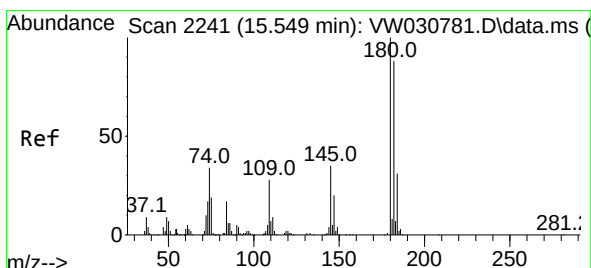
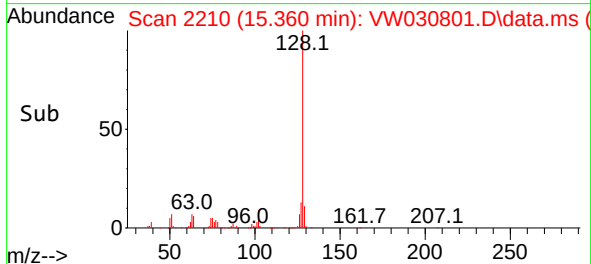
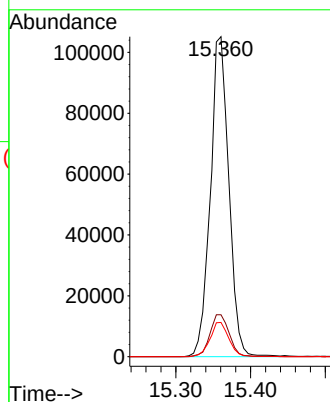
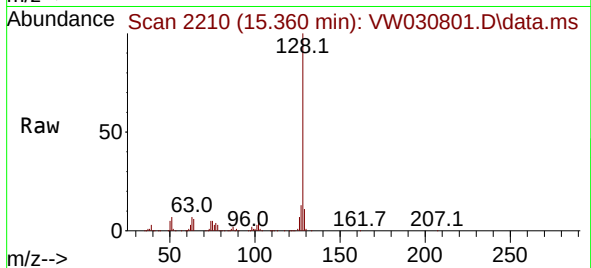
Tgt Ion:128 Resp: 180833

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.276 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030801.D

Acq: 29 Oct 2024 13:24

Tgt Ion:180 Resp: 96561

Ion Ratio Lower Upper

180 100

182 98.3 76.2 114.4

145 33.8 27.4 41.2

