

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092424\
 Data File : VW030212.D
 Acq On : 24 Sep 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 25 01:13:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 24 01:15:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	347758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	309980	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151034	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94268	20.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
7) Chloroethane-d5	2.899	69	78260	24.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	4.021	65	39482	17.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.400%
21) 2-Butanone-d5	7.081	46	45335	41.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.380%
24) Chloroform-d	7.648	84	196308	20.530	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	8.307	65	100611	20.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	8.276	84	369782	20.707	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.840%
36) 1,2-Dichloropropane-d6	9.270	67	111059	20.143	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.560%
41) Toluene-d8	10.325	98	340993	21.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.240%
43) trans-1,3-Dichloroprop...	10.581	79	45858	20.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.922	63	40096	47.525	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91034	22.177	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	110274	21.508	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	72953	19.025	ug/L	99
3) Chloromethane	2.222	50	98121	27.406	ug/L	99
5) Vinyl chloride	2.375	62	130165	29.501	ug/L	97
6) Bromomethane	2.789	94	81991	31.019	ug/L	99
8) Chloroethane	2.936	64	82092	31.174	ug/L	94
9) Trichlorofluoromethane	3.265	101	118770	22.824	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	112329	23.812	ug/L	95
12) 1,1-Dichloroethene	4.045	96	107124	25.806	ug/L	84
13) Acetone	4.137	43	63701	51.058	ug/L	100
14) Carbon disulfide	4.387	76	249244	21.136	ug/L	100
15) Methyl Acetate	4.679	43	46780	23.186	ug/L	95
16) Methylene chloride	4.917	84	118258	23.062	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	112174	24.512	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	201238	27.903	ug/L	97
19) 1,1-Dichloroethane	6.222	63	226520	24.377	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	134340	26.749	ug/L	95
22) 2-Butanone	7.173	43	74043	50.136	ug/L	97
23) Bromochloromethane	7.514	128	57594	25.661	ug/L	90
25) Chloroform	7.679	83	238539	25.275	ug/L	98

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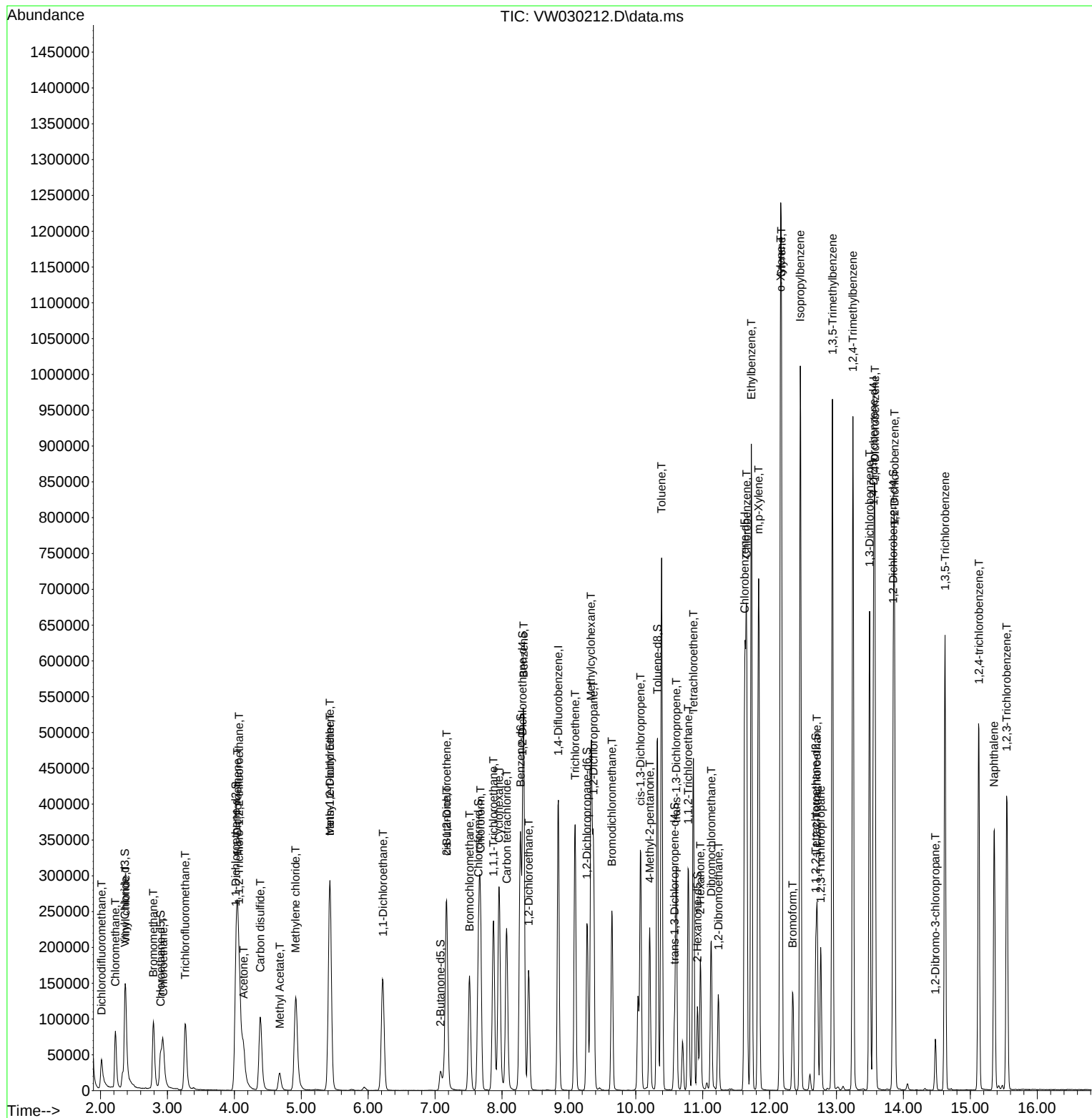
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155893	26.341	ug/L	100
29) Cyclohexane	7.953	56	168151	25.461	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	200160	26.696	ug/L	99
31) Carbon tetrachloride	8.069	117	175370	25.740	ug/L	99
33) Benzene	8.325	78	485746	25.630	ug/L	100
34) Trichloroethene	9.093	95	134810	26.350	ug/L	97
35) Methylcyclohexane	9.331	83	206397	26.168	ug/L	96
37) 1,2-Dichloropropane	9.367	63	129528	25.216	ug/L	100
38) Bromodichloromethane	9.642	83	169276	26.170	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	206047	27.419	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	143098	54.519	ug/L	97
42) Toluene	10.386	91	539496	26.827	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	171050	27.058	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	100217	26.812	ug/L	95
46) Tetrachloroethene	10.861	164	100774	26.695	ug/L	93
48) 2-Hexanone	10.965	43	111182	55.084	ug/L	97
49) Dibromochloromethane	11.129	129	112064	27.547	ug/L	96
50) 1,2-Dibromoethane	11.233	107	88892	25.792	ug/L #	96
51) Chlorobenzene	11.654	112	345908	26.630	ug/L	96
52) Ethylbenzene	11.727	91	634979	27.584	ug/L	98
53) m,p-Xylene	11.836	106	237164	27.923	ug/L	93
54) o-Xylene	12.166	106	227743	28.495	ug/L	89
55) Styrene	12.178	104	388558	28.028	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	117748	26.392	ug/L	98
59) Bromoform	12.342	173	64481	26.975	ug/L	97
60) Isopropylbenzene	12.458	105	654317	29.424	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81509	25.941	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	506913	31.102	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	496966	29.330	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	268294	27.223	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	280873	27.585	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	247011	27.810	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18687	27.270	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.623	180	187624	27.274	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	159522	28.627	ug/L	94
71) Naphthalene	15.354	128	316385	31.266	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	137365	28.111	ug/L	97

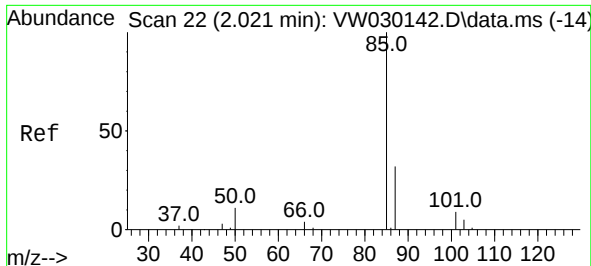
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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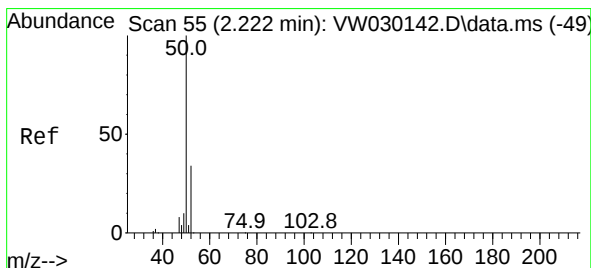
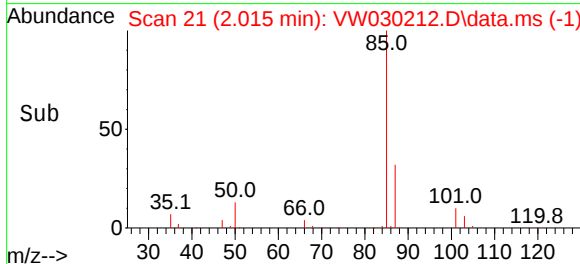
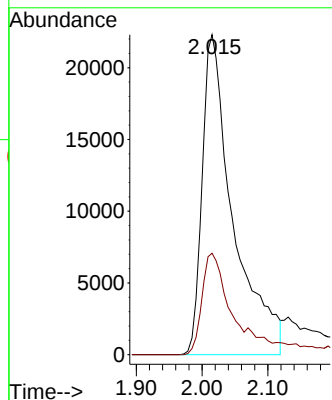
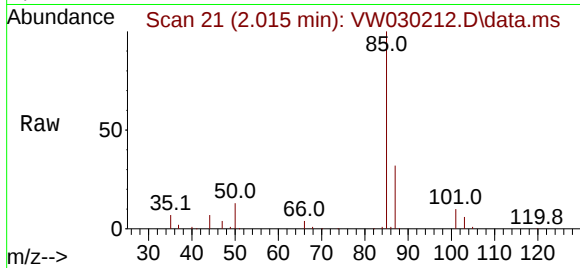




#2
 Dichlorodifluoromethane
 Concen: 19.025 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030212.D
 Acq: 24 Sep 2024 09:11

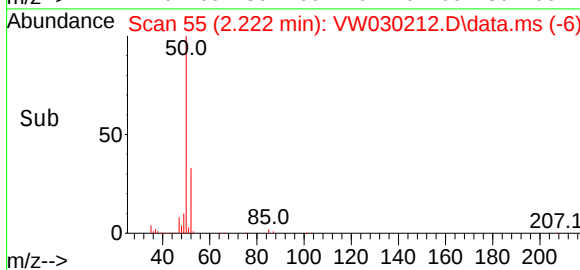
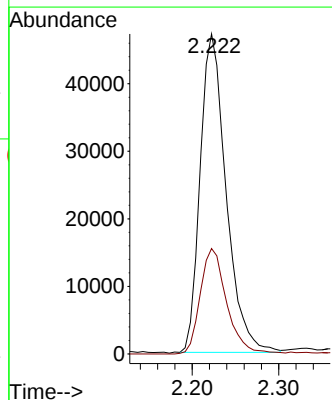
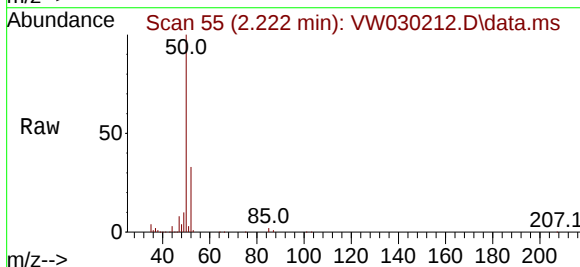
Instrument :
 MSVOA_W
 ClientSampleId :

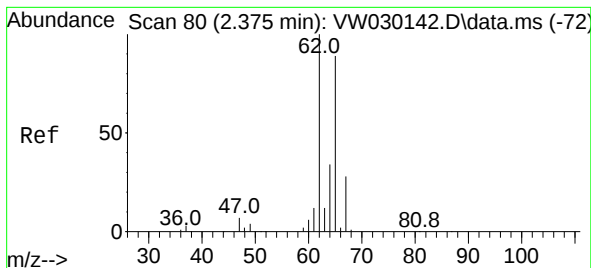
Tgt Ion: 85 Resp: 72953
 Ion Ratio Lower Upper
 85 100
 87 26.2 21.2 31.8



#3
 Chloromethane
 Concen: 27.406 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030212.D
 Acq: 24 Sep 2024 09:11

Tgt Ion: 50 Resp: 98121
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.6





#5

Vinyl chloride

Concen: 29.501 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

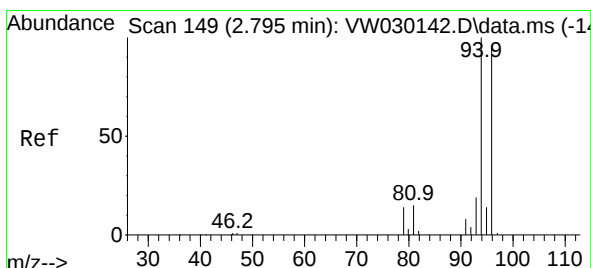
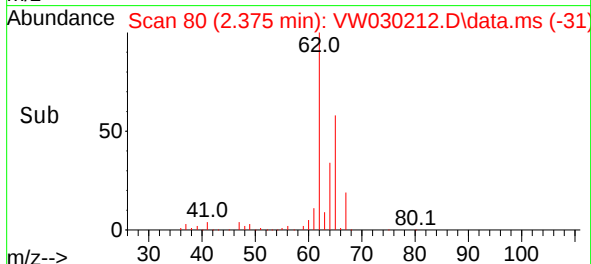
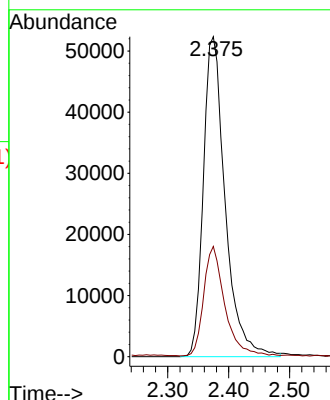
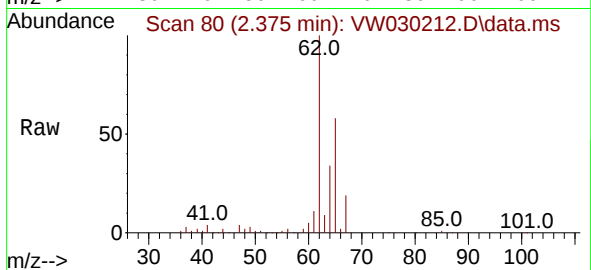
ClientSampleId :

Tgt Ion: 62 Resp: 130165

Ion Ratio Lower Upper

62 100

64 34.4 23.0 42.8



#6

Bromomethane

Concen: 31.019 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW030212.D

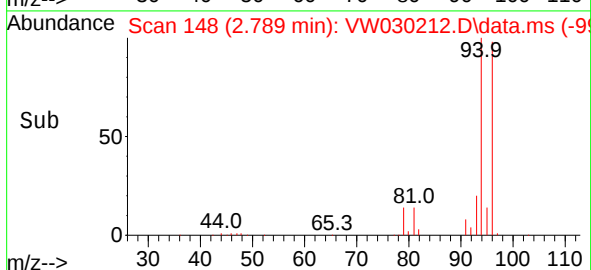
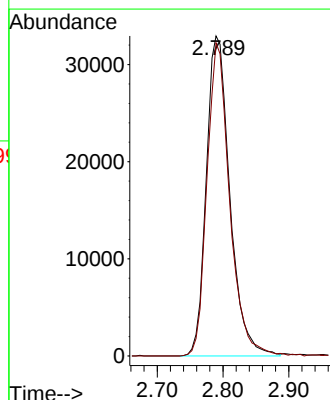
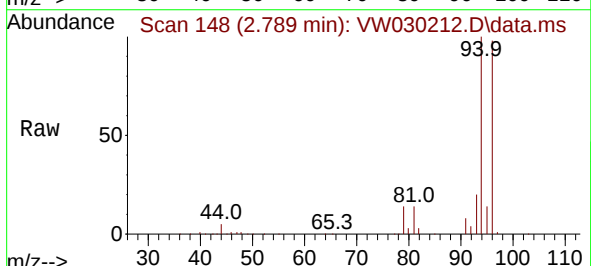
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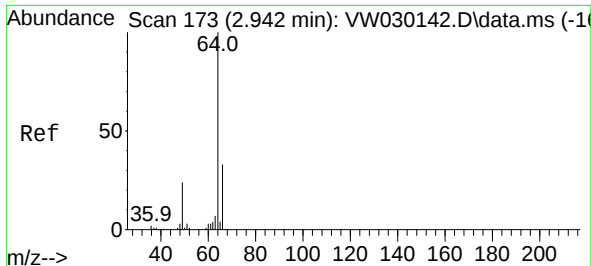
Tgt Ion: 94 Resp: 81991

Ion Ratio Lower Upper

94 100

96 97.8 67.5 125.3

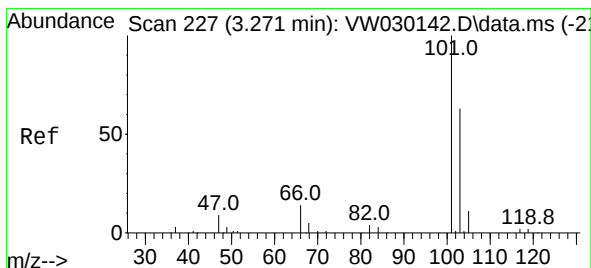
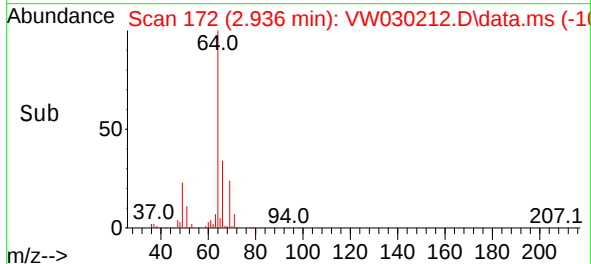
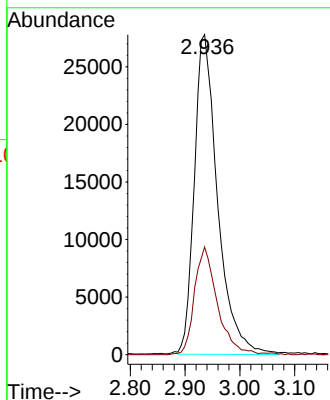
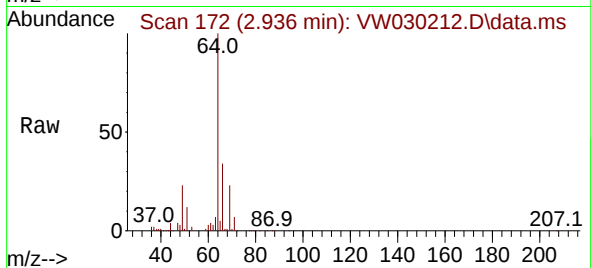




#8
Chloroethane
Concen: 31.174 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

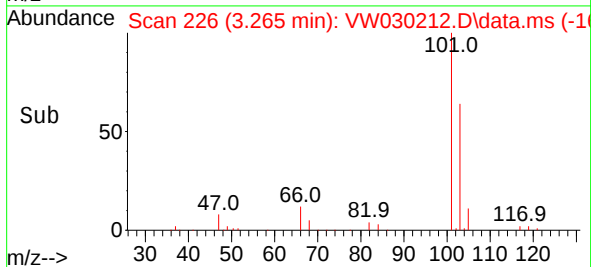
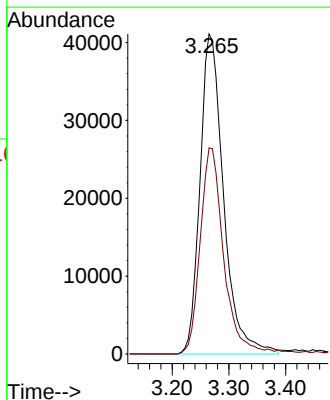
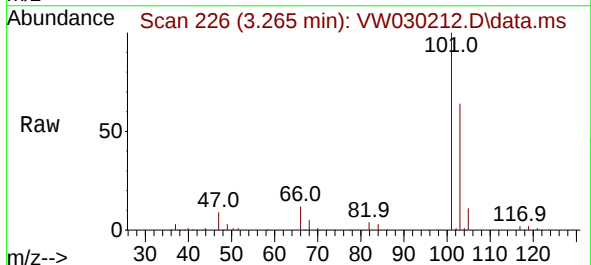
Instrument :
MSVOA_W
ClientSampleId :

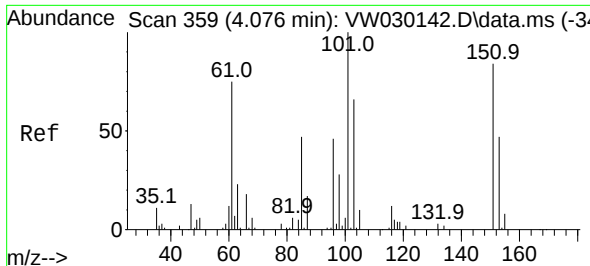
Tgt Ion: 64 Resp: 82092
Ion Ratio Lower Upper
64 100
66 33.7 21.1 39.3



#9
Trichlorofluoromethane
Concen: 22.824 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion:101 Resp: 118770
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.6





#10

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

Concen: 23.812 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

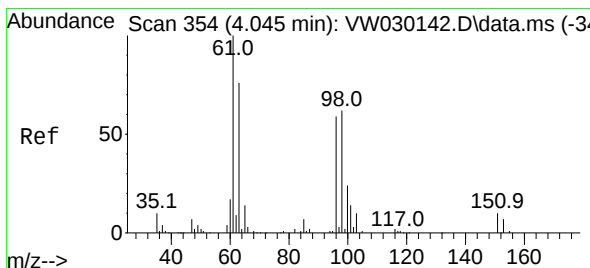
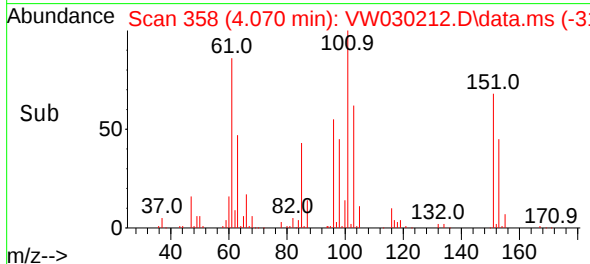
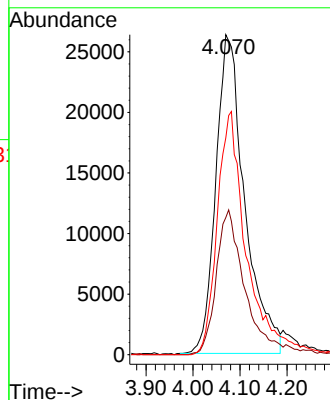
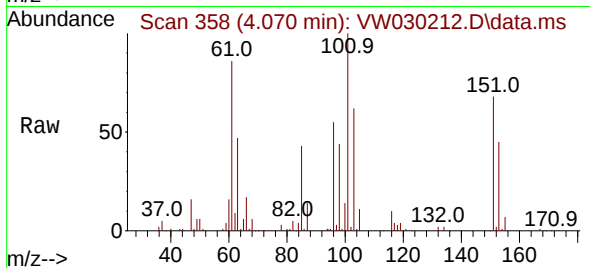
Tgt Ion:101 Resp: 112329

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.2

151 76.1 56.1 84.1



#12

1,1-Dichloroethene

Concen: 25.806 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

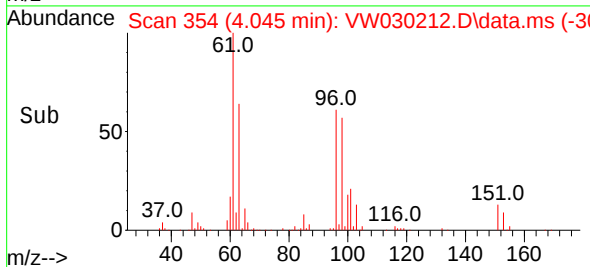
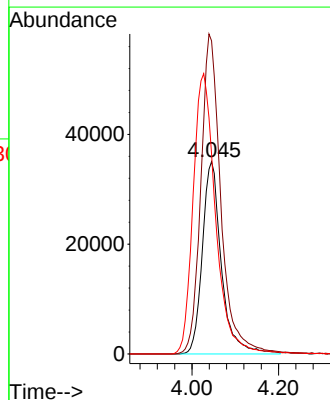
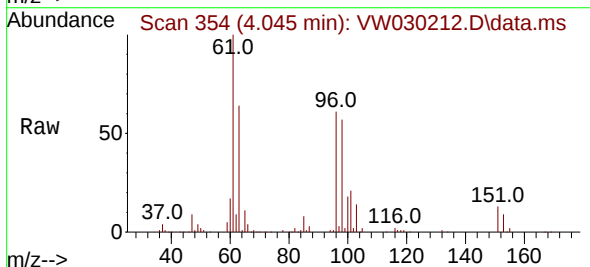
Tgt Ion: 96 Resp: 107124

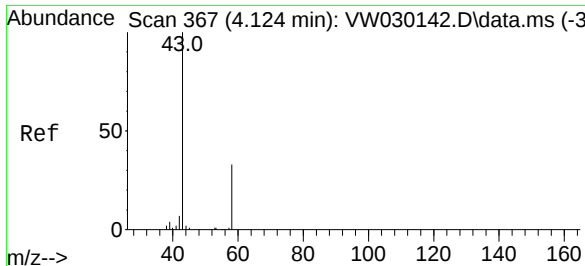
Ion Ratio Lower Upper

96 100

61 162.8 124.0 230.4

63 104.1 93.3 173.3

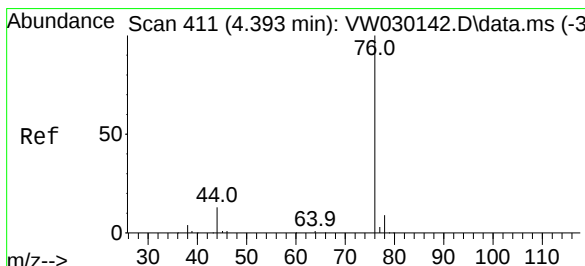
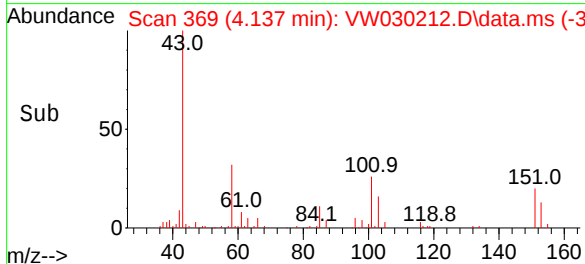
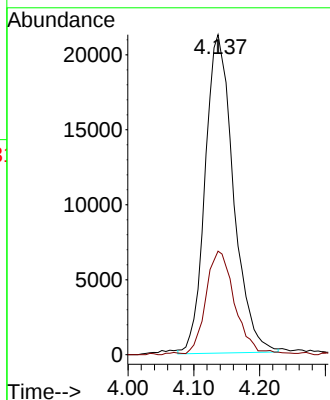
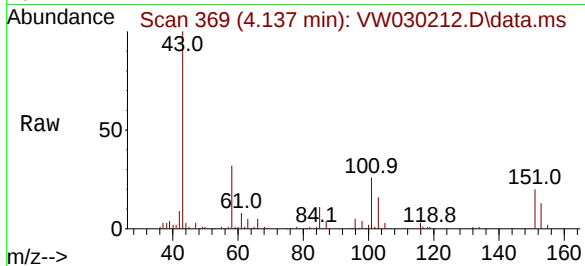




#13
Acetone
Concen: 51.058 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.006 min
Lab File: VW030212.D
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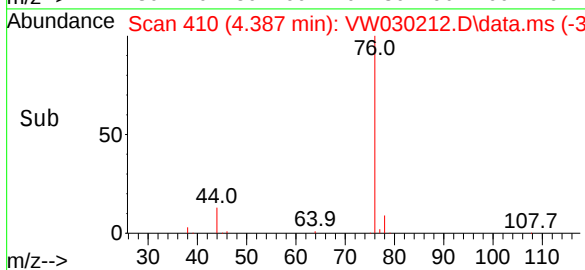
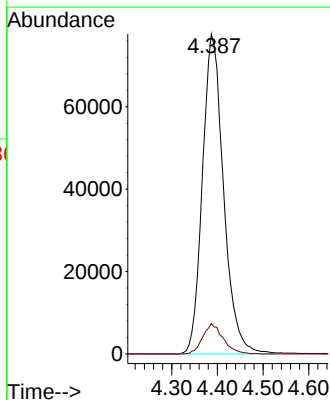
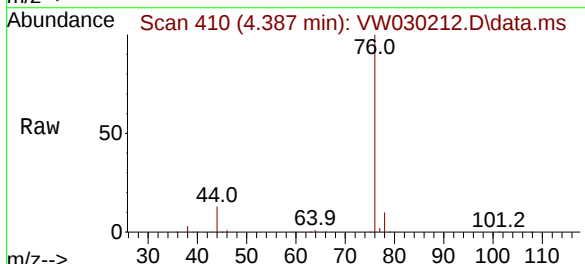
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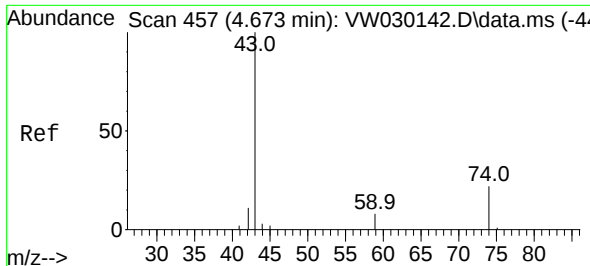
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Ion Ratio Lower Upper
43 100
58 32.4 0.0 65.0



#14
Carbon disulfide
Concen: 21.136 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion: 76 Resp: 249244
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

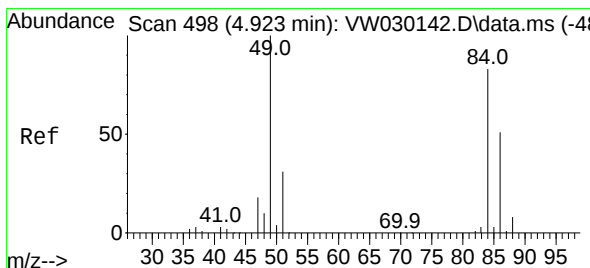
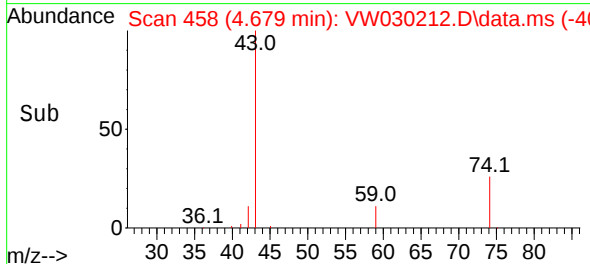
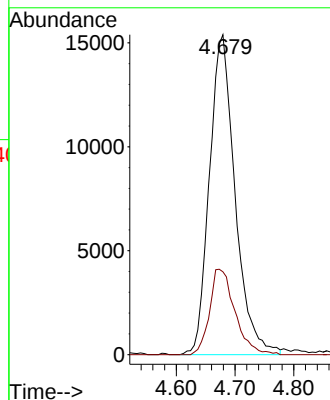
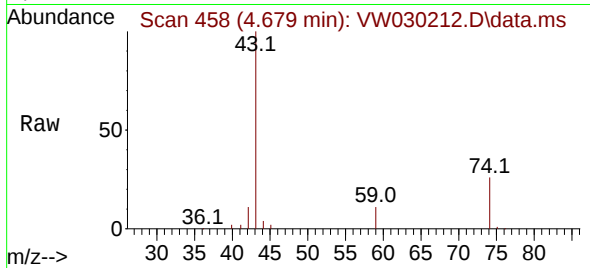




#15
Methyl Acetate
Concen: 23.186 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

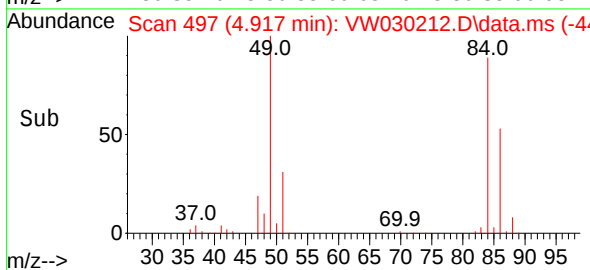
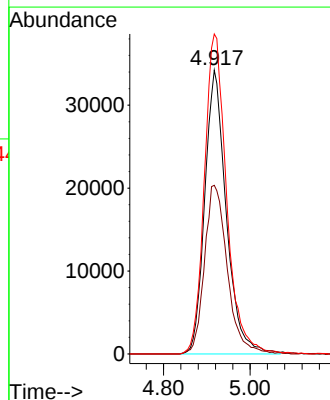
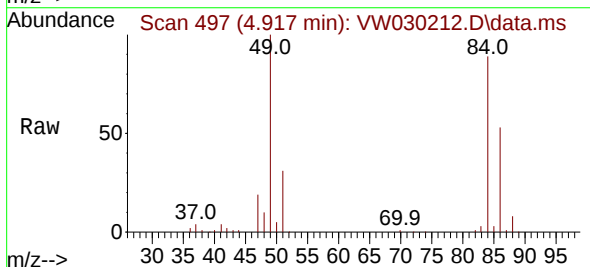
Instrument :
MSVOA_W
ClientSampleId :

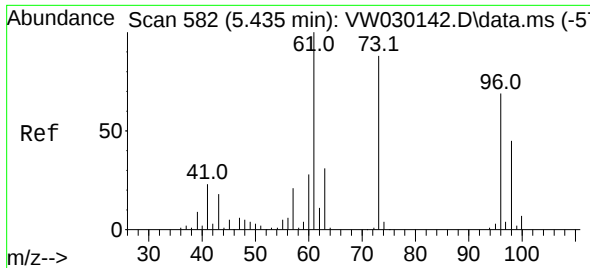
Tgt Ion: 43 Resp: 46780
Ion Ratio Lower Upper
43 100
74 26.0 18.9 28.3



#16
Methylene chloride
Concen: 23.062 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion: 84 Resp: 118258
Ion Ratio Lower Upper
84 100
86 59.4 44.6 82.8
49 112.8 83.8 155.6





#17

trans-1,2-Dichloroethene

Concen: 24.512 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

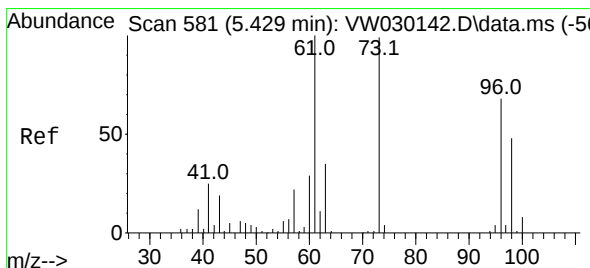
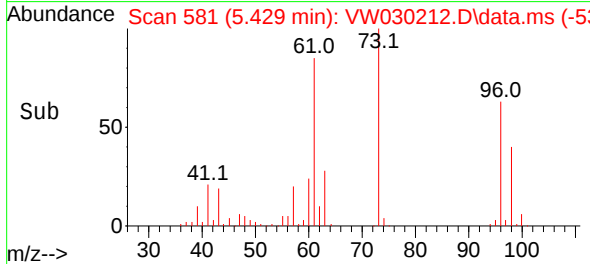
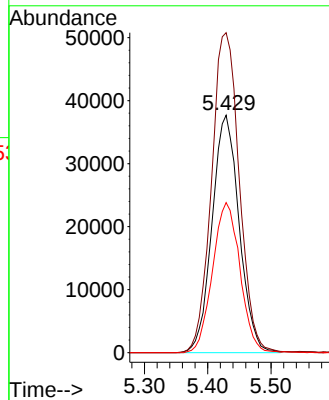
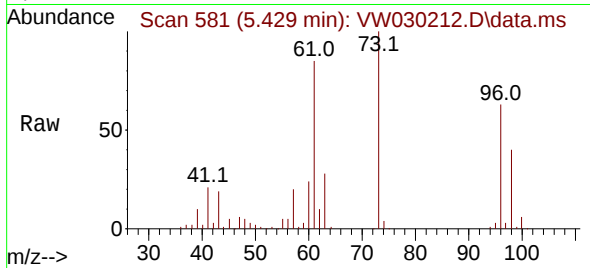
Tgt Ion: 96 Resp: 112174

Ion Ratio Lower Upper

96 100

61 134.7 100.8 187.2

98 63.2 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 27.903 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

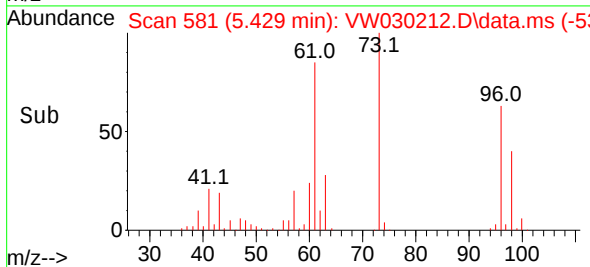
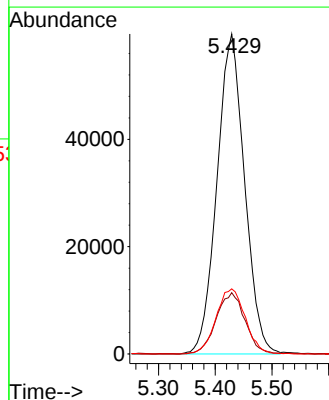
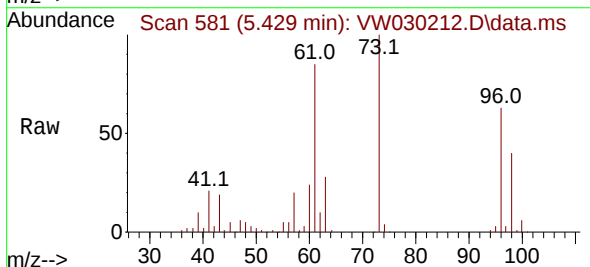
Tgt Ion: 73 Resp: 201238

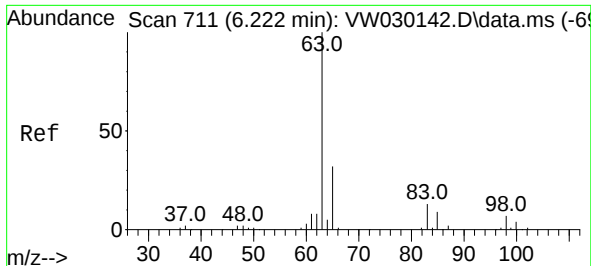
Ion Ratio Lower Upper

73 100

43 20.1 15.7 23.5

57 21.6 18.8 28.2





#19

1,1-Dichloroethane

Concen: 24.377 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

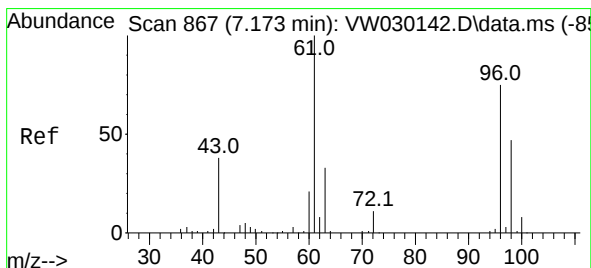
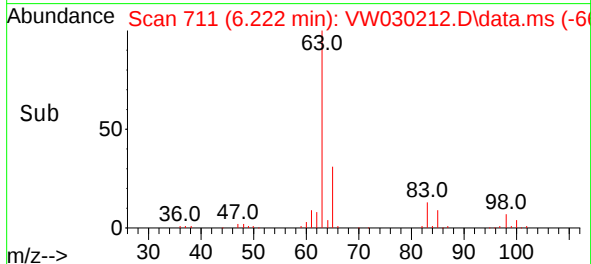
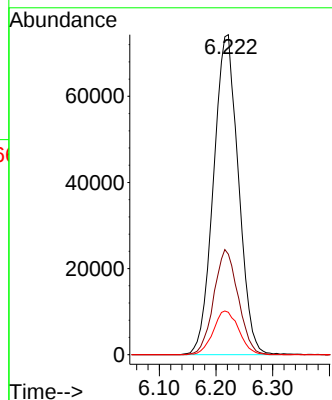
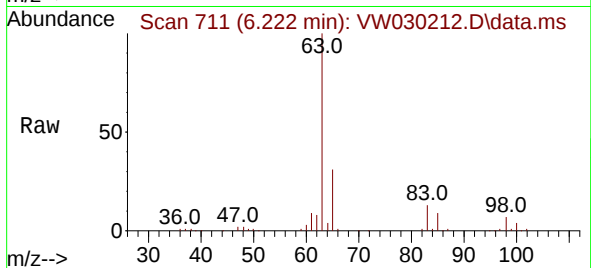
Tgt Ion: 63 Resp: 226520

Ion Ratio Lower Upper

63 100

65 31.4 21.6 40.0

83 13.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.749 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

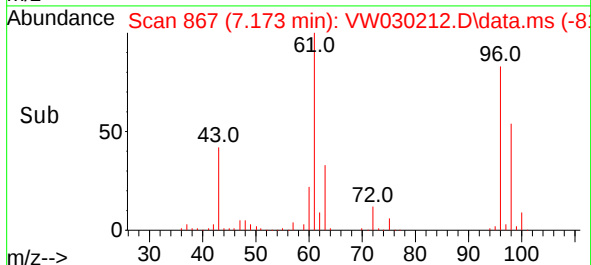
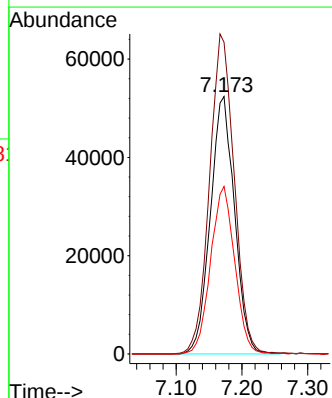
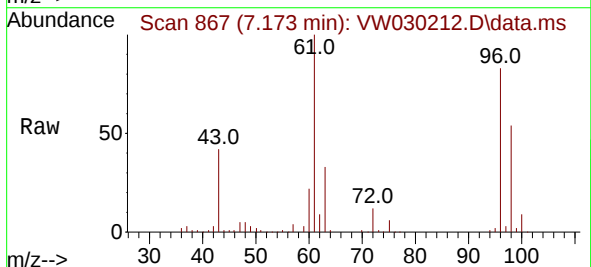
Tgt Ion: 96 Resp: 134340

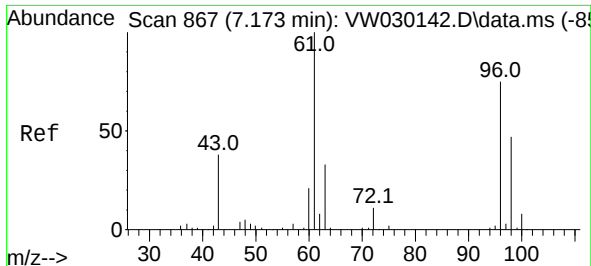
Ion Ratio Lower Upper

96 100

61 121.1 89.5 166.3

98 65.1 44.3 82.3





#22

2-Butanone

Concen: 50.136 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

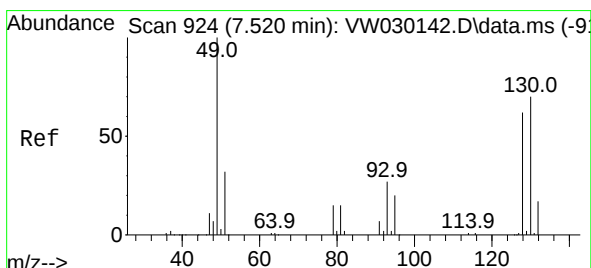
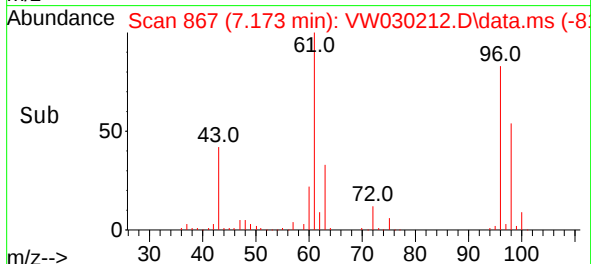
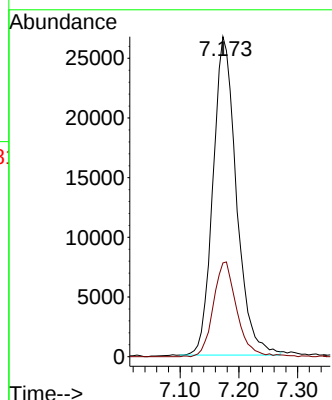
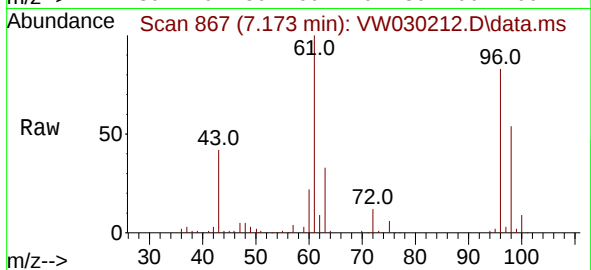
ClientSampleId :

Tgt Ion: 43 Resp: 74043

Ion Ratio Lower Upper

43 100

72 29.3 13.9 41.7



#23

Bromochloromethane

Concen: 25.661 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Tgt Ion: 128 Resp: 57594

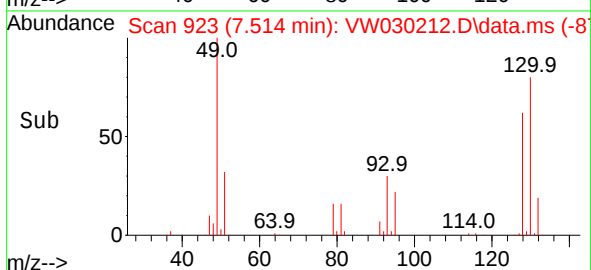
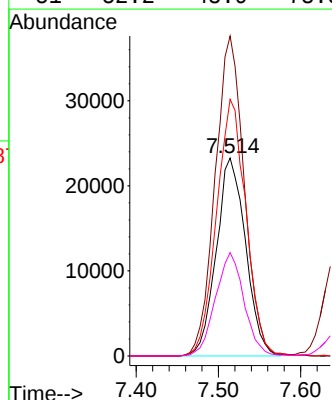
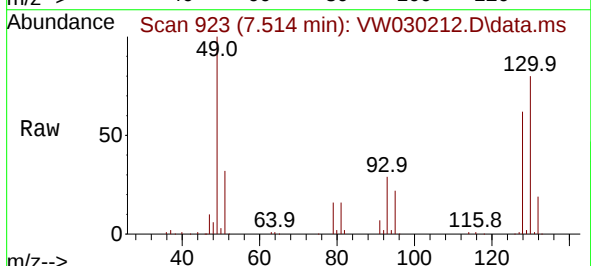
Ion Ratio Lower Upper

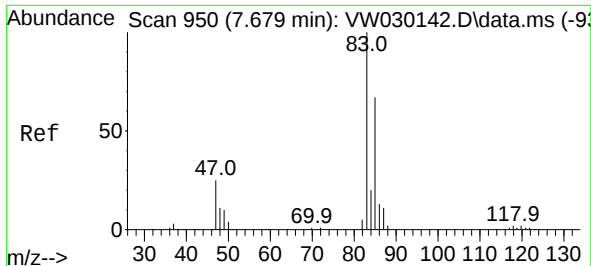
128 100

49 161.6 126.1 234.1

130 129.7 85.9 159.5

51 52.2 48.9 73.3





#25

Chloroform

Concen: 25.275 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.006 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

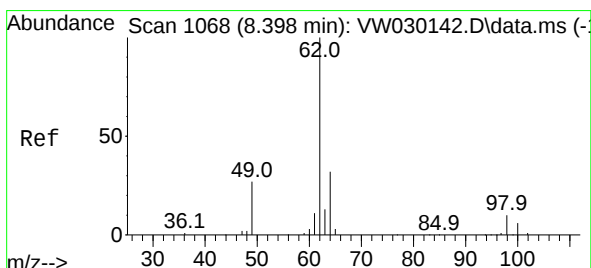
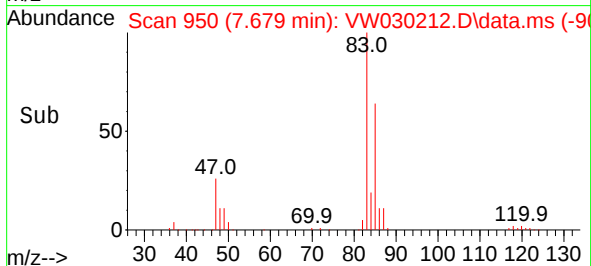
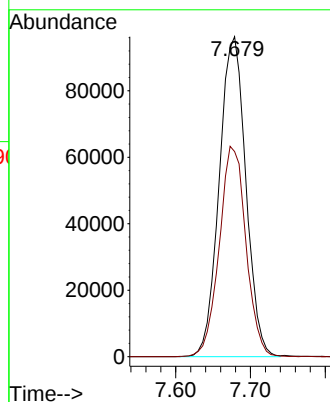
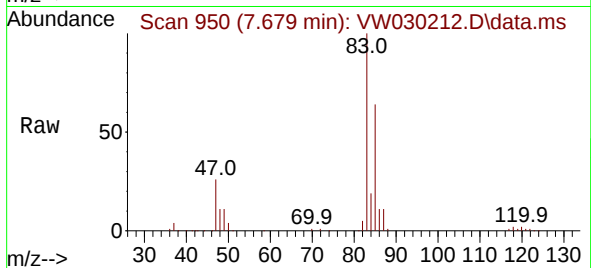
ClientSampleId :

Tgt Ion: 83 Resp: 238539

Ion Ratio Lower Upper

83 100

85 64.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 26.341 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030212.D

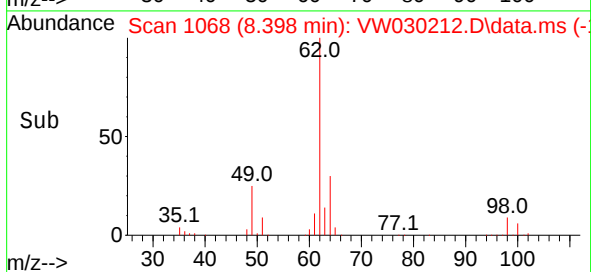
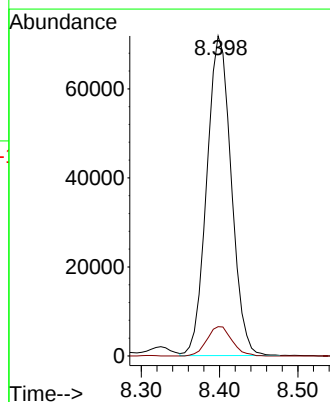
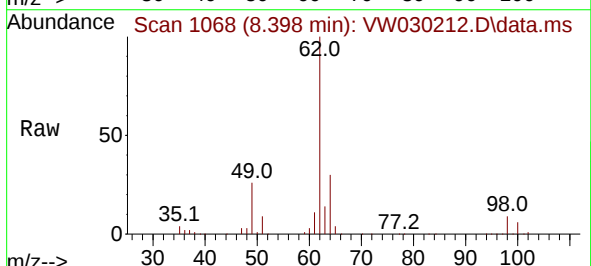
Acq: 24 Sep 2024 09:11

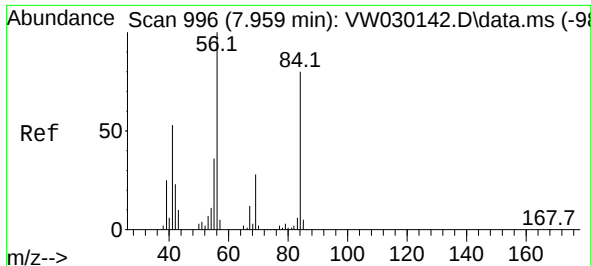
Tgt Ion: 62 Resp: 155893

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9





#29

Cyclohexane

Concen: 25.461 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

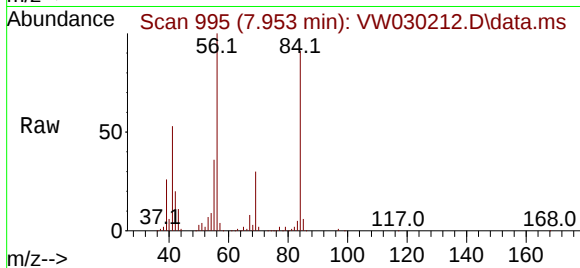
Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :



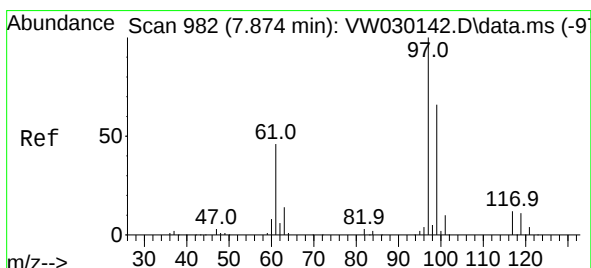
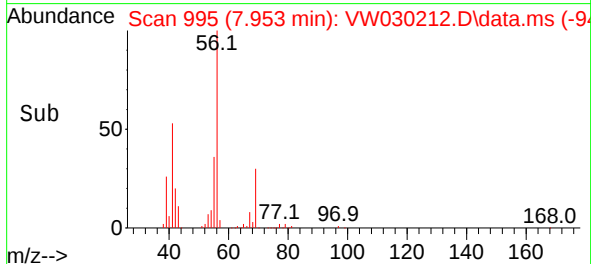
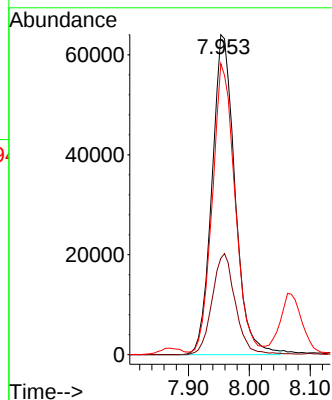
Tgt Ion: 56 Resp: 168151

Ion Ratio Lower Upper

56 100

69 31.8 24.6 37.0

84 89.6 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 26.696 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

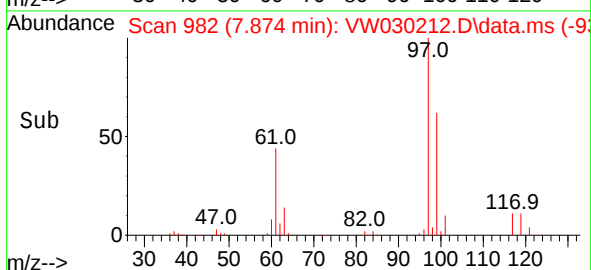
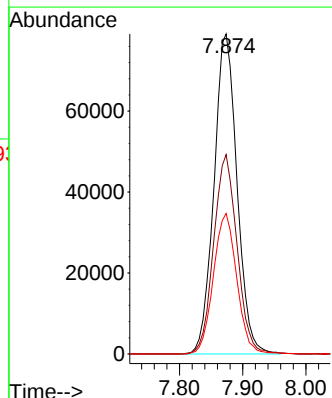
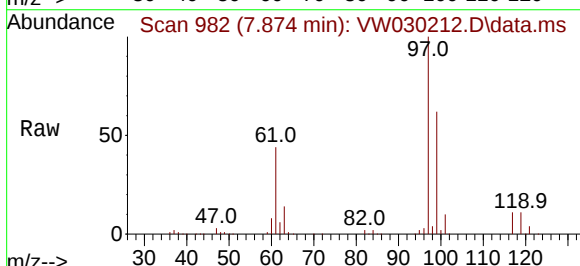
Tgt Ion: 97 Resp: 200160

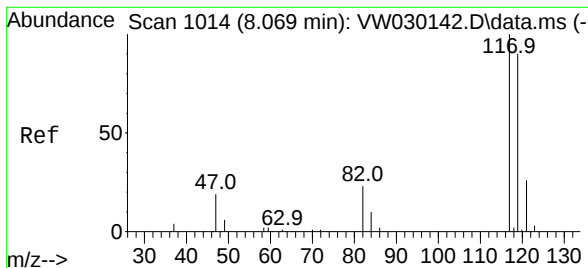
Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 44.4 36.4 54.6





#31

Carbon tetrachloride

Concen: 25.740 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

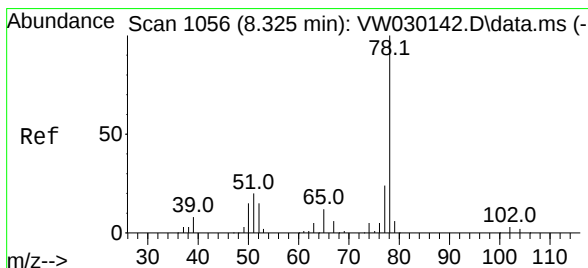
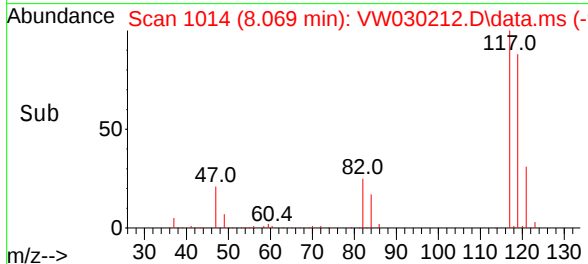
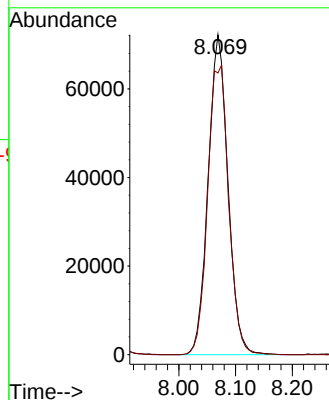
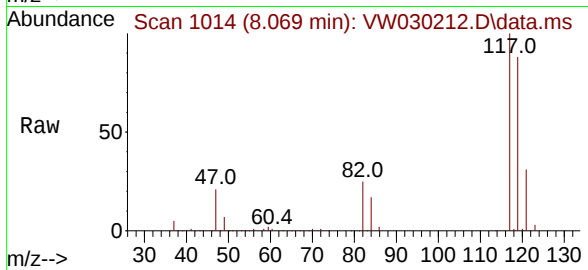
ClientSampleId :

Tgt Ion:117 Resp: 175370

Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.4



#33

Benzene

Concen: 25.630 ug/L

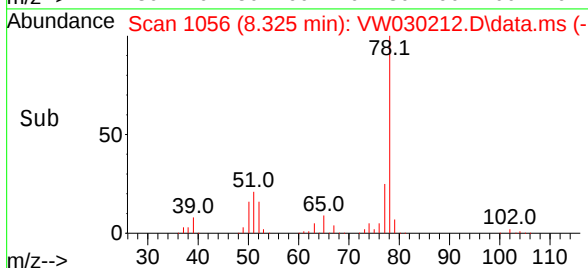
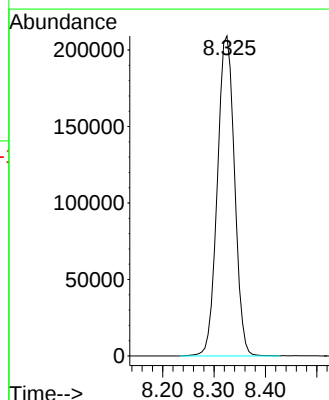
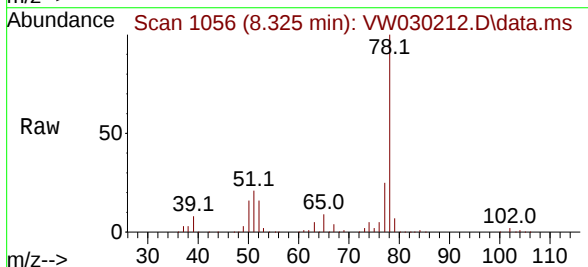
RT: 8.325 min Scan# 1056

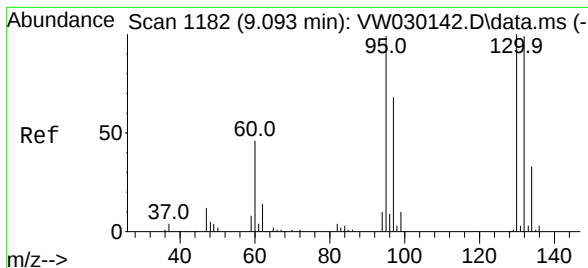
Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Tgt Ion: 78 Resp: 485746





#34

Trichloroethene

Concen: 26.350 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 134810

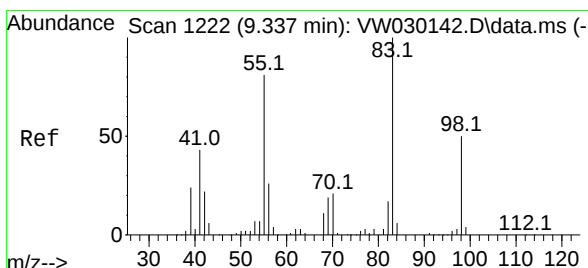
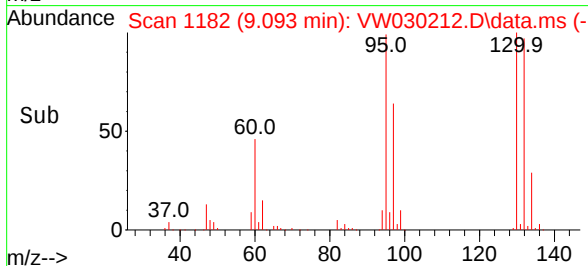
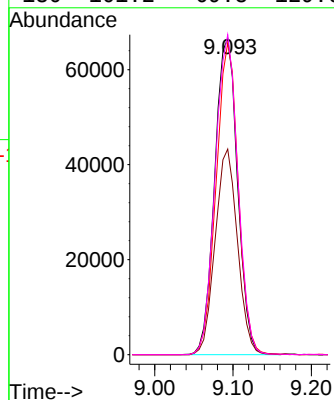
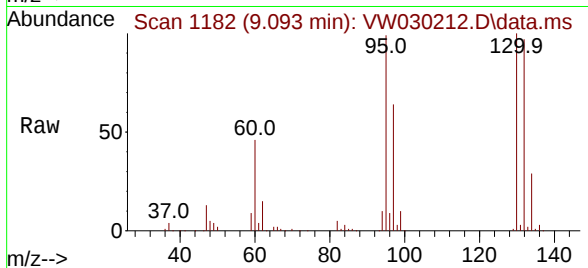
Ion Ratio Lower Upper

95 100

97 65.0 45.2 84.0

132 98.5 64.8 120.3

130 101.2 69.8 129.6



#35

Methylcyclohexane

Concen: 26.168 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

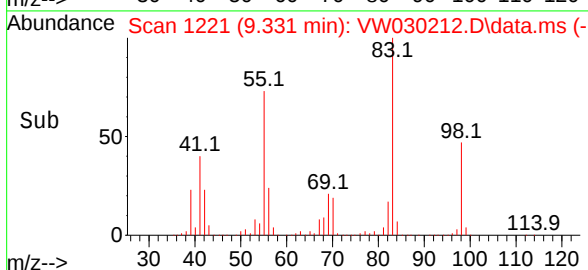
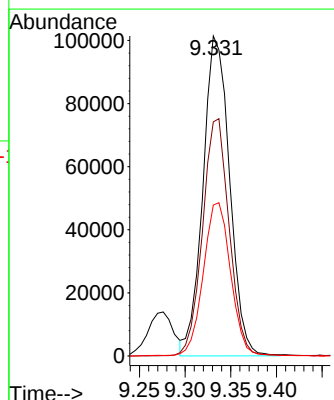
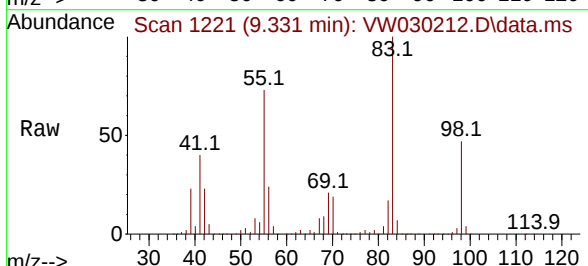
Tgt Ion: 83 Resp: 206397

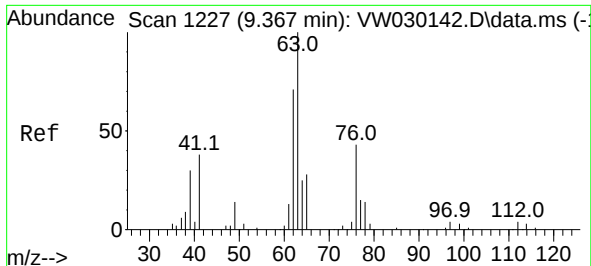
Ion Ratio Lower Upper

83 100

55 74.0 63.0 94.6

98 48.7 38.7 58.1





#37

1,2-Dichloropropane

Concen: 25.216 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

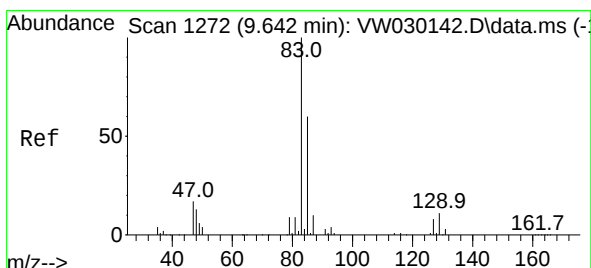
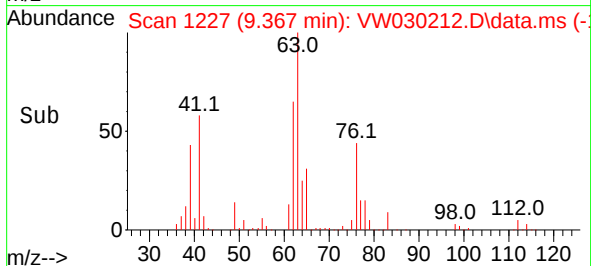
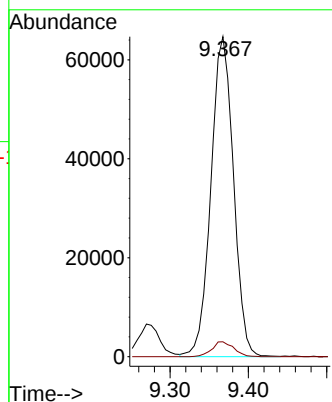
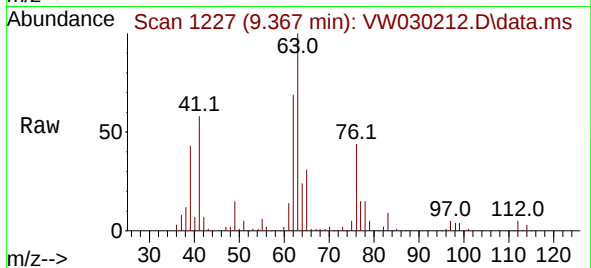
ClientSampleId :

Tgt Ion: 63 Resp: 129528

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 26.170 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

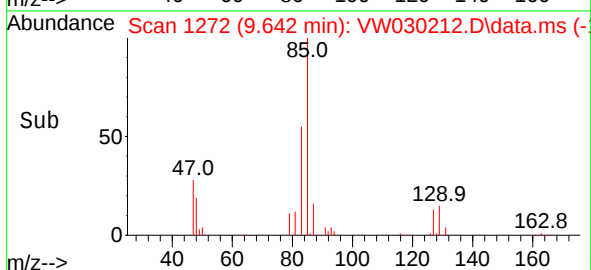
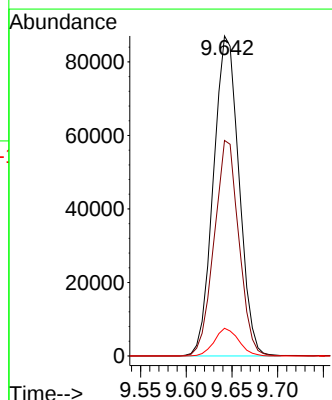
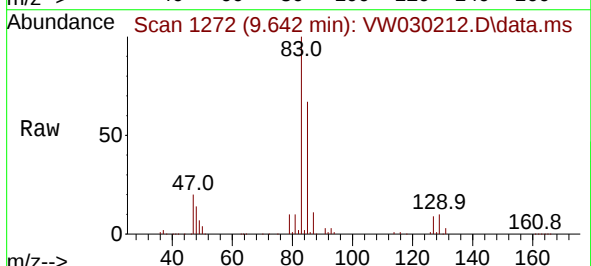
Tgt Ion: 83 Resp: 169276

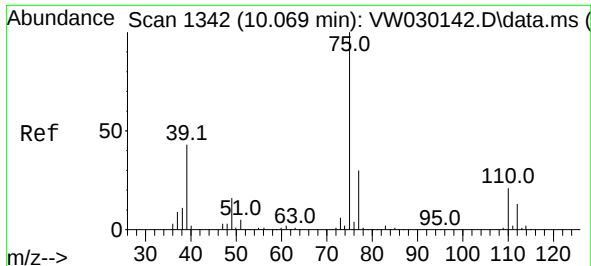
Ion Ratio Lower Upper

83 100

85 67.3 42.6 79.0

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.419 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

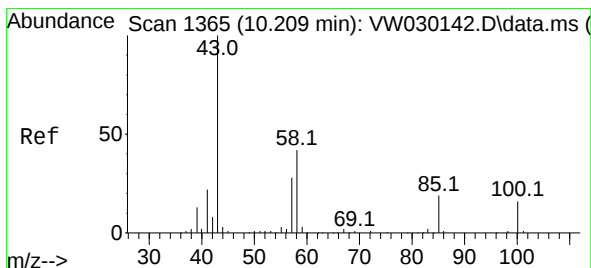
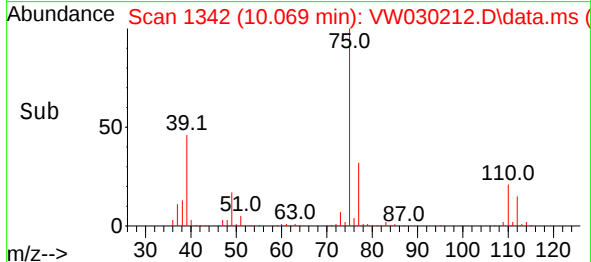
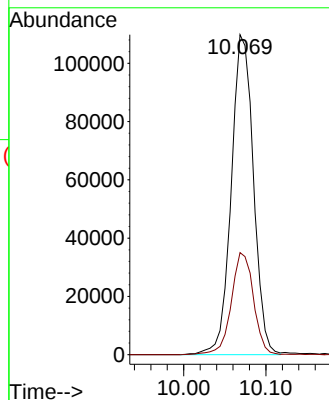
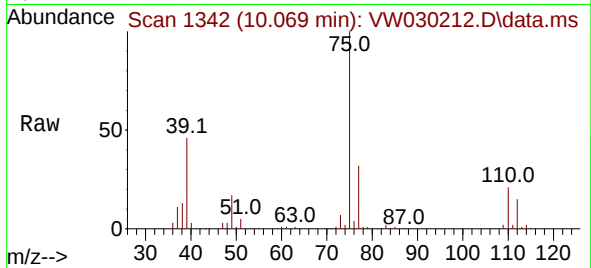
ClientSampleId :

Tgt Ion: 75 Resp: 206047

Ion Ratio Lower Upper

75 100

77 31.9 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 54.519 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

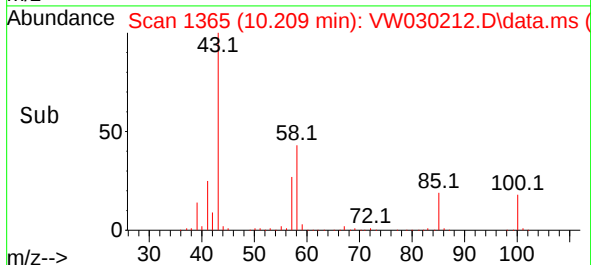
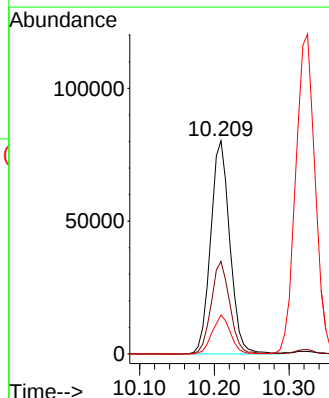
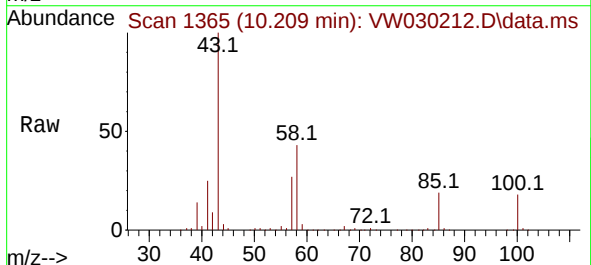
Tgt Ion: 43 Resp: 143098

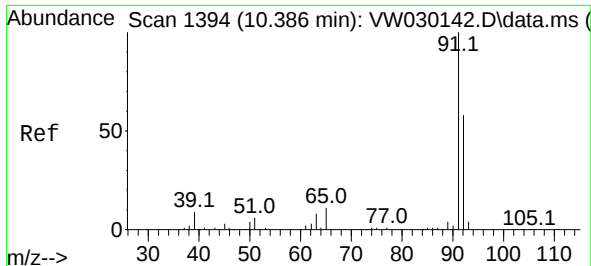
Ion Ratio Lower Upper

43 100

58 42.4 32.7 49.1

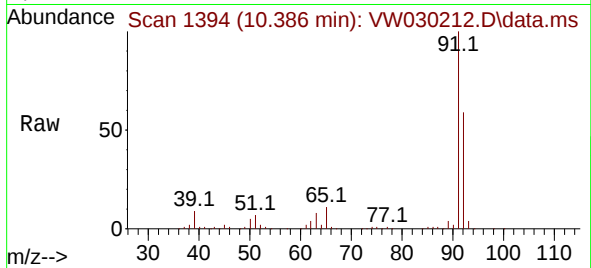
100 17.3 12.7 19.1



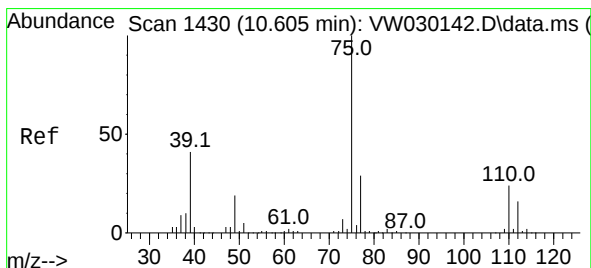
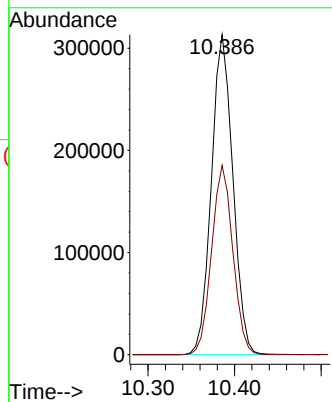
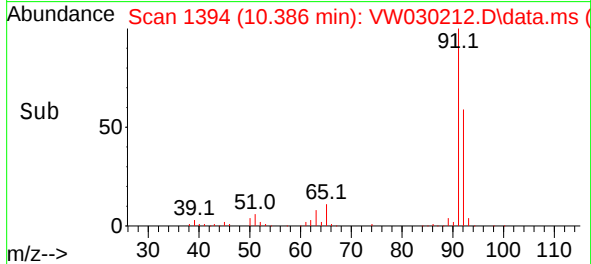


#42
Toluene
Concen: 26.827 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Instrument :
MSVOA_W
ClientSampleId :

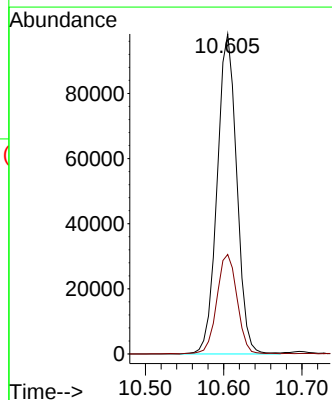
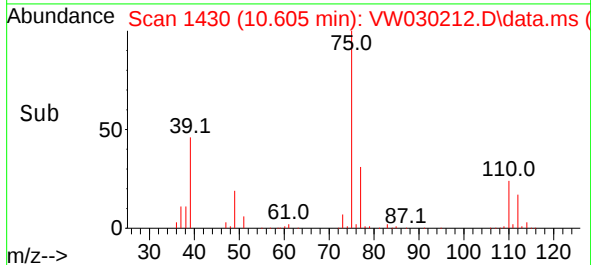
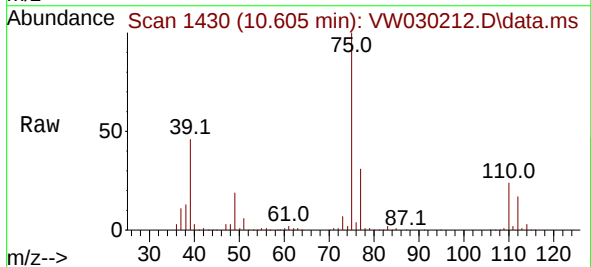


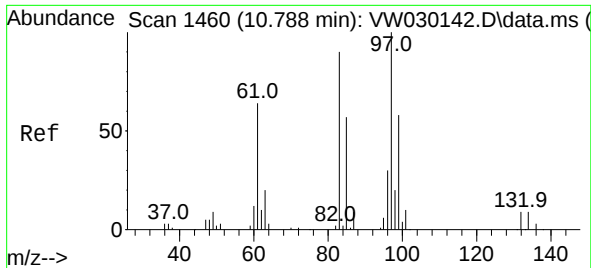
Tgt Ion: 91 Resp: 539496
Ion Ratio Lower Upper
91 100
92 59.1 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 27.058 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion: 75 Resp: 171050
Ion Ratio Lower Upper
75 100
77 31.1 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 26.812 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.000 min

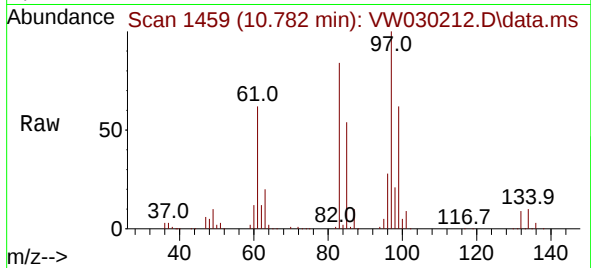
Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 100217

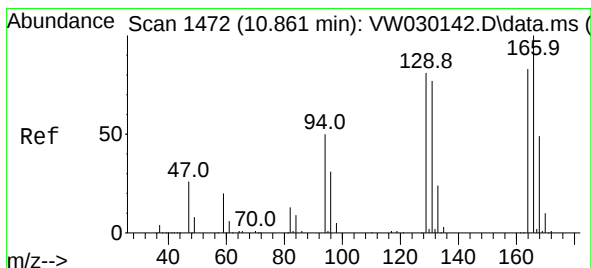
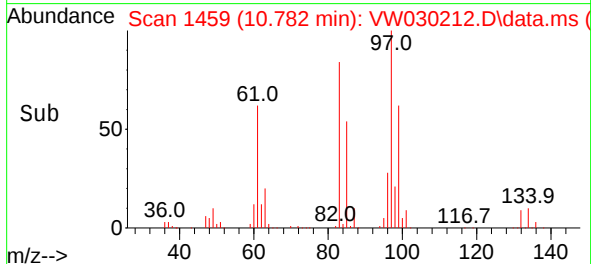
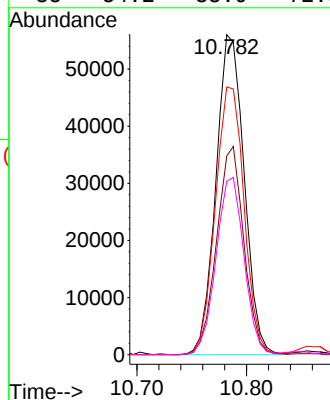
Ion Ratio Lower Upper

97 100

99 62.1 45.6 84.8

83 83.6 64.0 119.0

85 54.2 38.9 72.3



#46

Tetrachloroethene

Concen: 26.695 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Tgt Ion:164 Resp: 100774

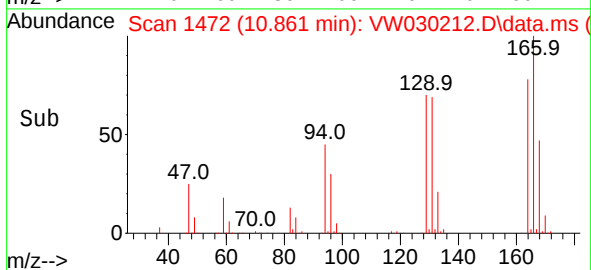
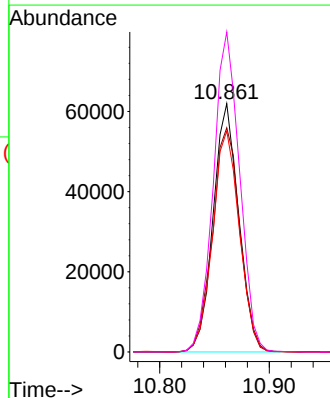
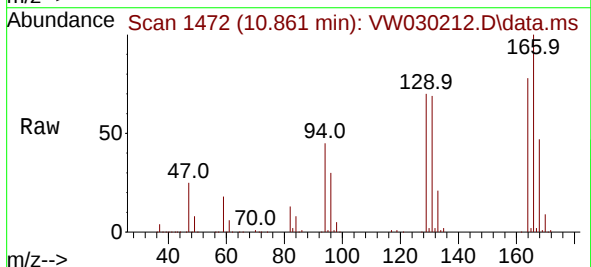
Ion Ratio Lower Upper

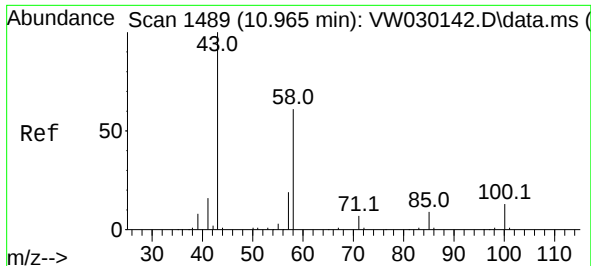
164 100

129 90.3 66.0 122.6

131 89.0 64.8 120.4

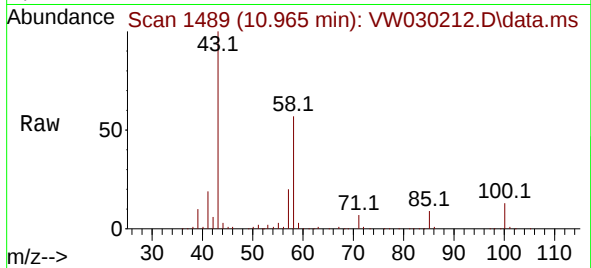
166 128.9 81.6 151.6



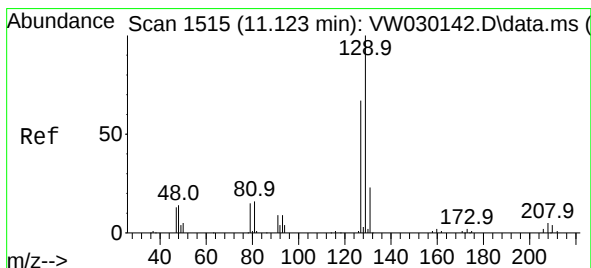
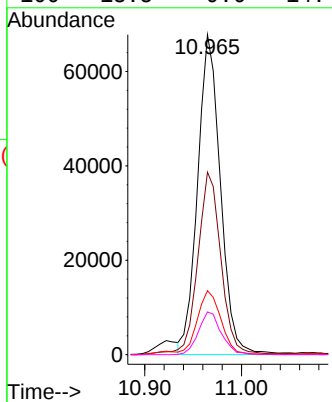
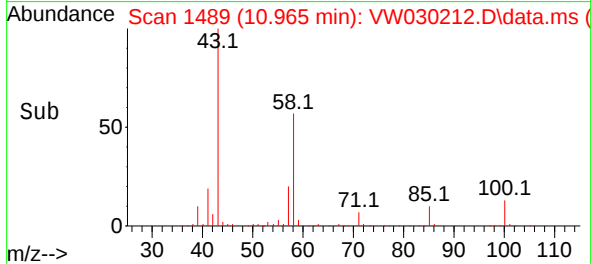


#48
2-Hexanone
Concen: 55.084 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Instrument :
MSVOA_W
ClientSampleId :

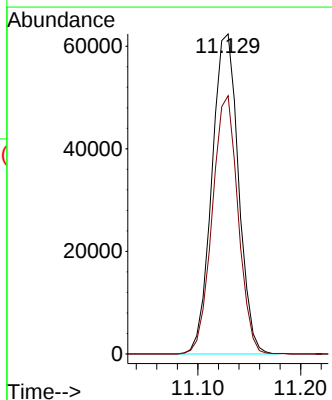
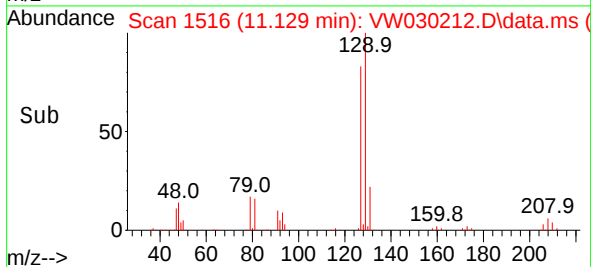
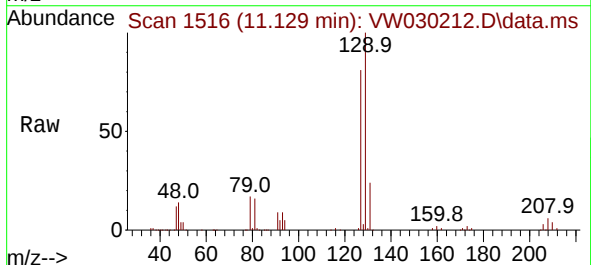


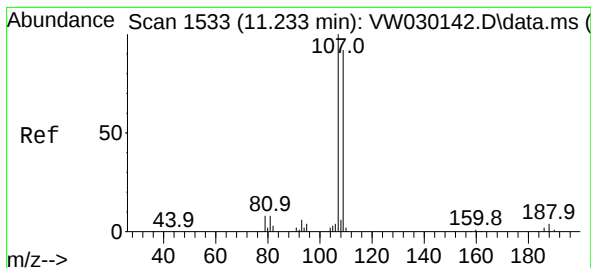
Tgt Ion: 43 Resp: 111182
Ion Ratio Lower Upper
43 100
58 58.4 44.8 67.2
57 20.8 15.4 23.2
100 13.5 9.6 14.4



#49
Dibromochloromethane
Concen: 27.547 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion:129 Resp: 112064
Ion Ratio Lower Upper
129 100
127 80.7 54.2 100.6

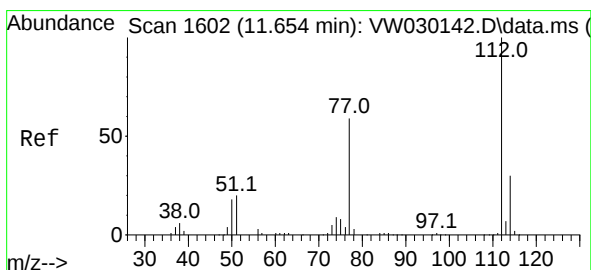
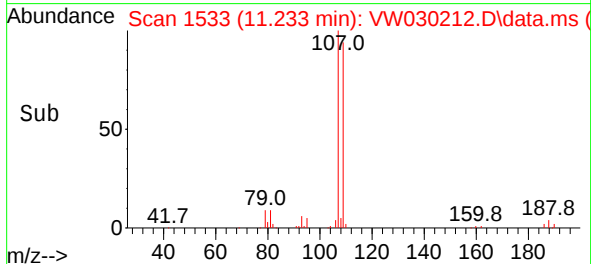
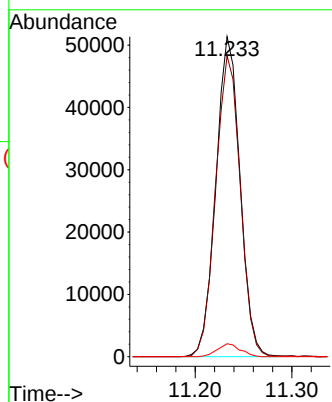
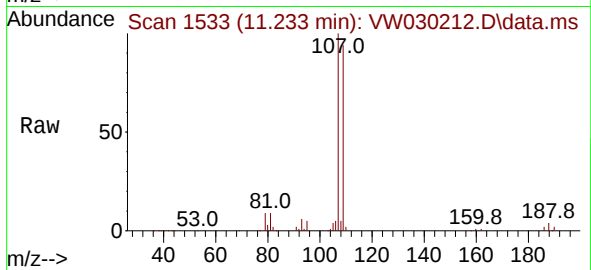




#50
1,2-Dibromoethane
Concen: 25.792 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

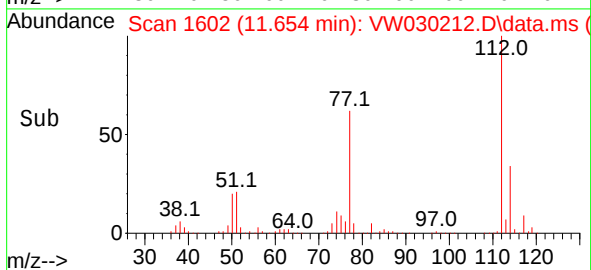
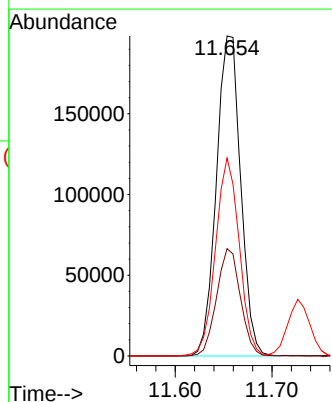
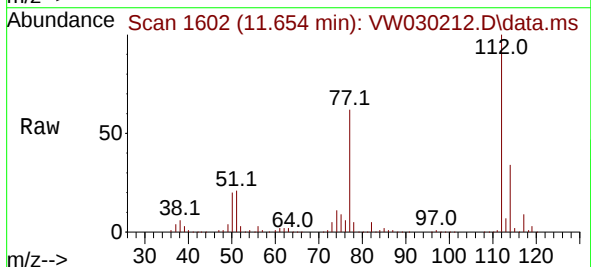
Instrument :
MSVOA_W
ClientSampleId :

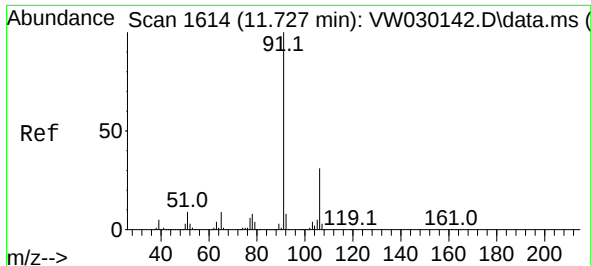
Tgt Ion:107 Resp: 88892
Ion Ratio Lower Upper
107 100
109 94.0 68.7 127.7
188 4.0 2.6 4.0#



#51
Chlorobenzene
Concen: 26.630 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion:112 Resp: 345908
Ion Ratio Lower Upper
112 100
114 33.6 23.8 44.2
77 61.9 52.9 79.3





#52

Ethylbenzene

Concen: 27.584 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

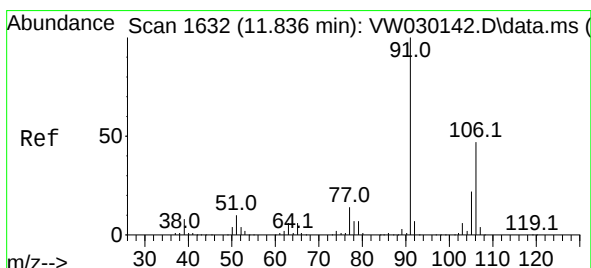
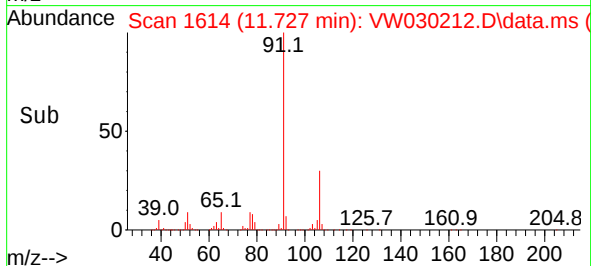
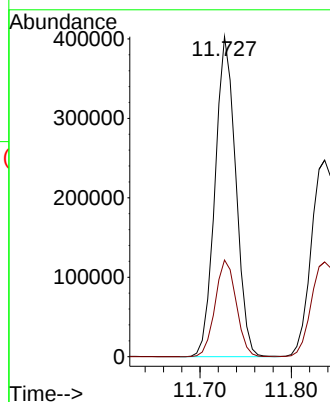
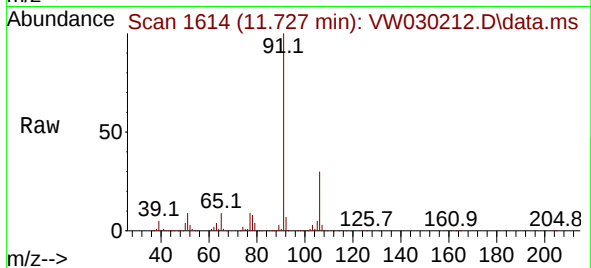
ClientSampleId :

Tgt Ion: 91 Resp: 634979

Ion Ratio Lower Upper

91 100

106 30.2 21.9 40.7



#53

m,p-Xylene

Concen: 27.923 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030212.D

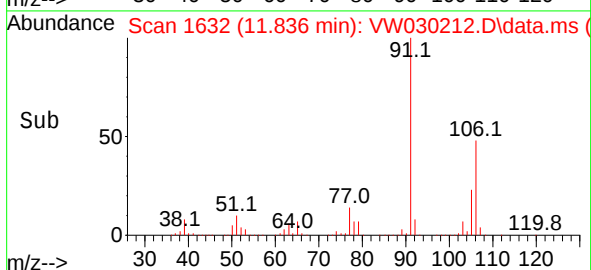
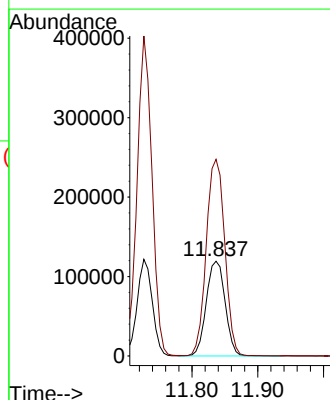
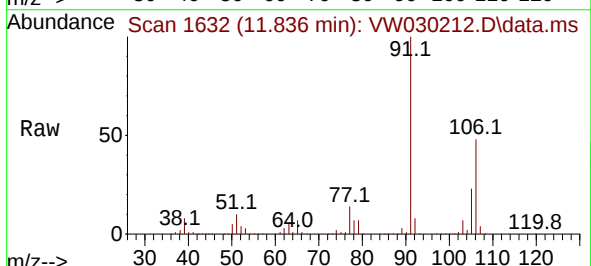
Acq: 24 Sep 2024 09:11

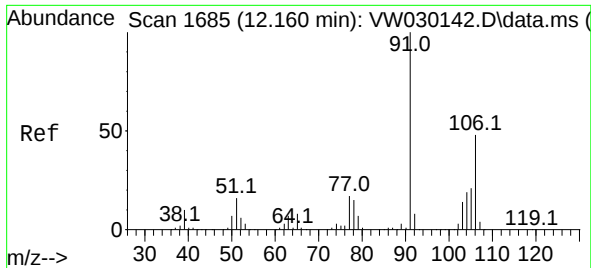
Tgt Ion:106 Resp: 237164

Ion Ratio Lower Upper

106 100

91 207.6 152.9 283.9

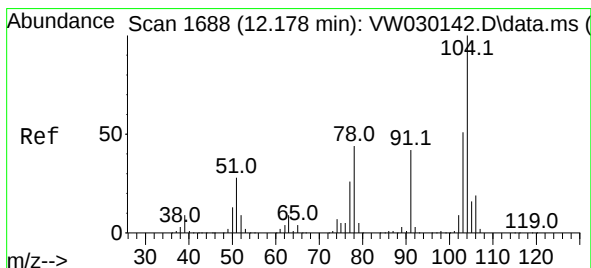
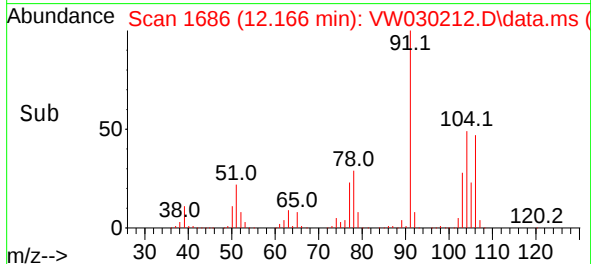
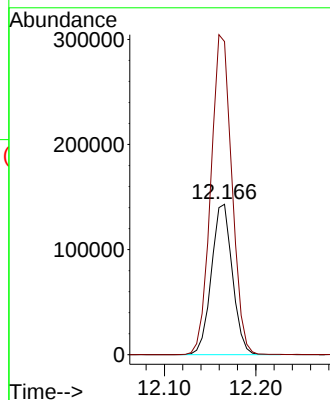
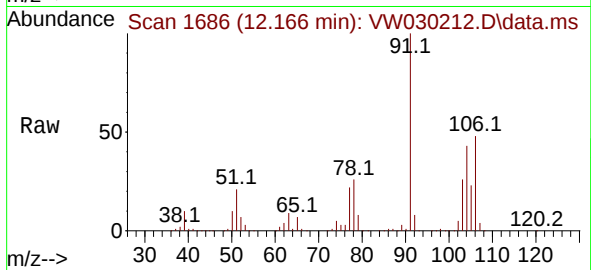




#54
o-Xylene
Concen: 28.495 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

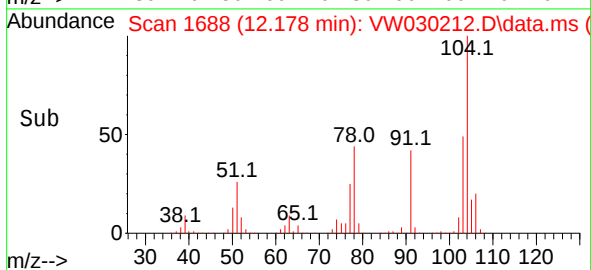
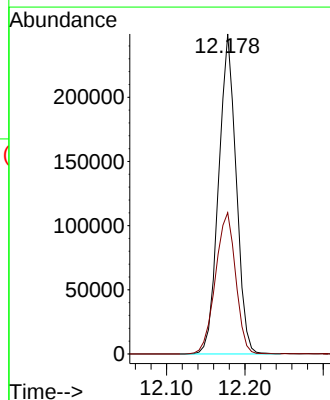
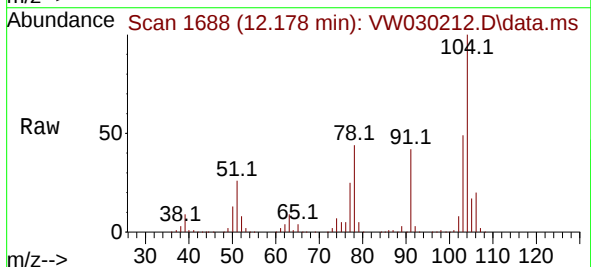
Instrument :
MSVOA_W
ClientSampleId :

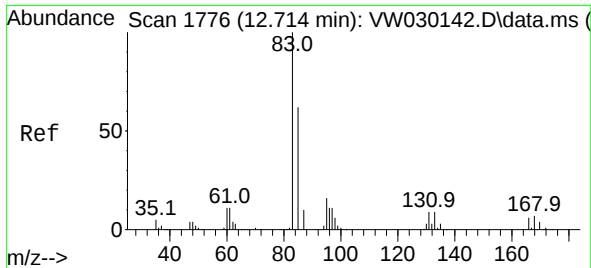
Tgt Ion:106 Resp: 227743
Ion Ratio Lower Upper
106 100
91 208.1 158.1 293.7



#55
Styrene
Concen: 28.028 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion:104 Resp: 388558
Ion Ratio Lower Upper
104 100
78 44.2 31.4 58.2

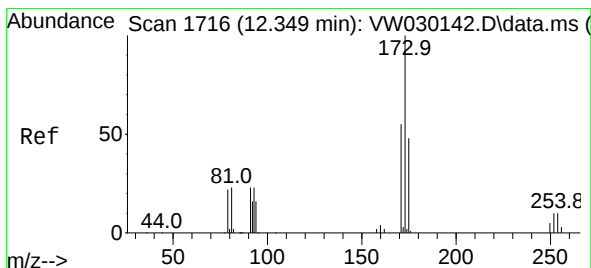
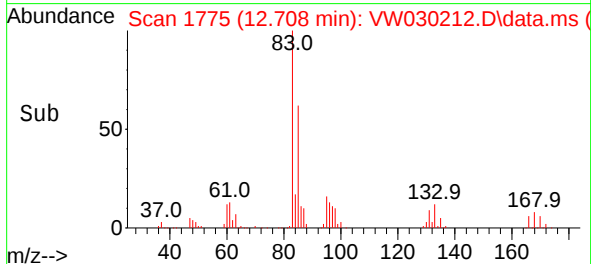
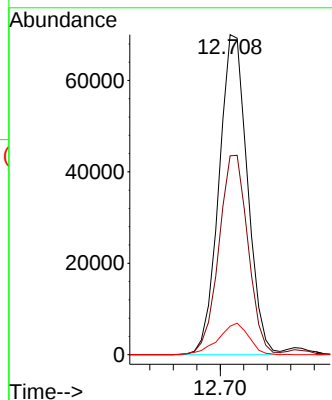
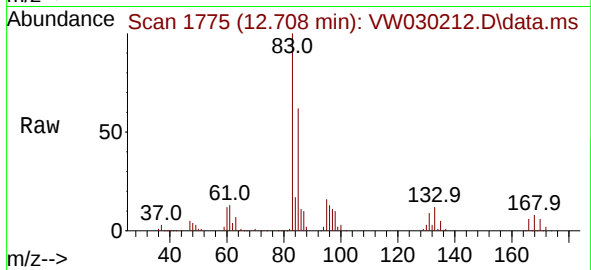




#57
1,1,2,2-Tetrachloroethane
Concen: 26.392 ug/L
RT: 12.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

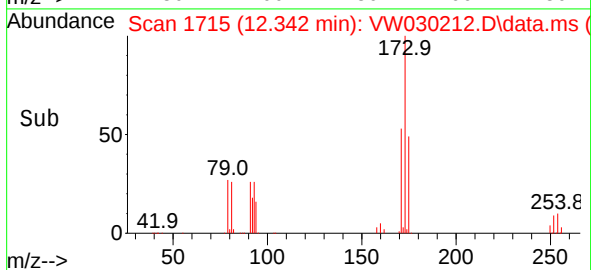
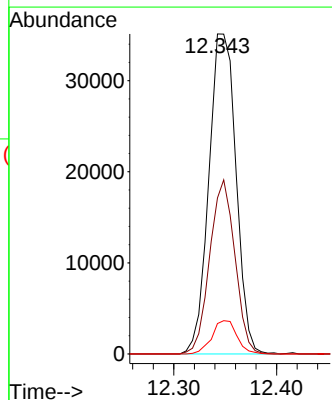
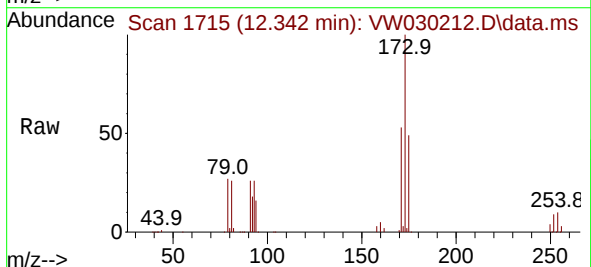
Instrument :
MSVOA_W
ClientSampleId :

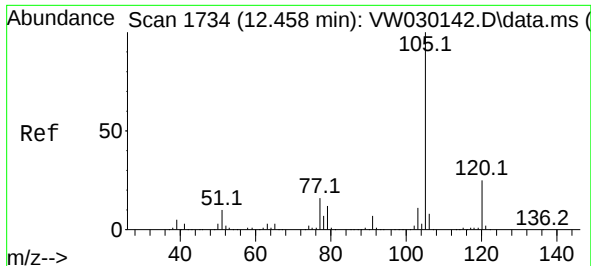
Tgt Ion: 83 Resp: 117748
Ion Ratio Lower Upper
83 100
85 62.1 44.5 82.7
131 8.9 7.4 11.2



#59
Bromoform
Concen: 26.975 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion:173 Resp: 64481
Ion Ratio Lower Upper
173 100
175 50.2 38.6 57.8
254 9.6 7.7 11.5





#60

Isopropylbenzene

Concen: 29.424 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

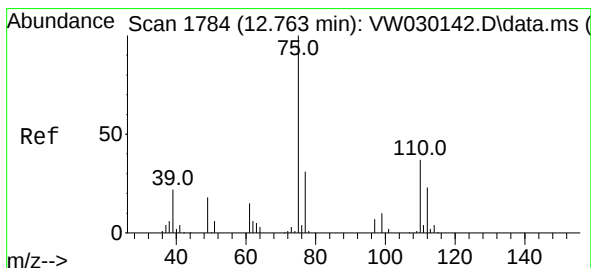
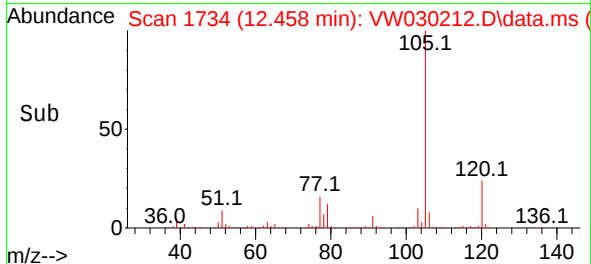
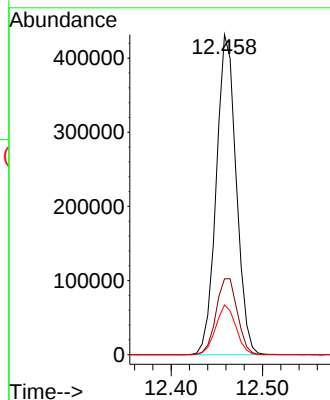
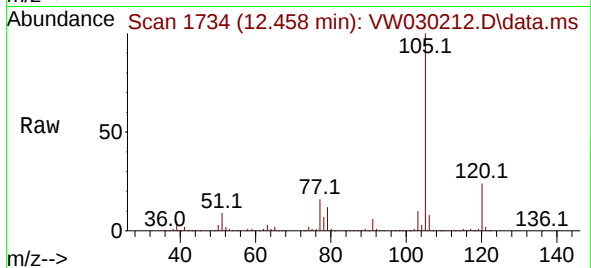
Tgt Ion:105 Resp: 654317

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.2

77 15.7 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 25.941 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

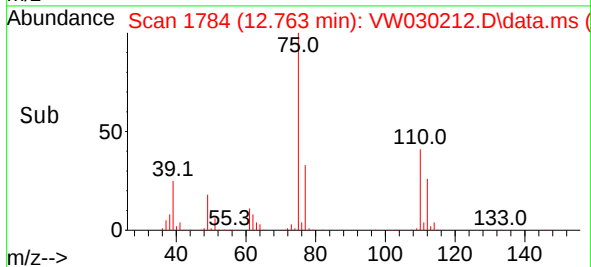
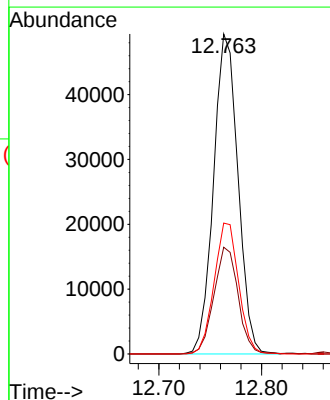
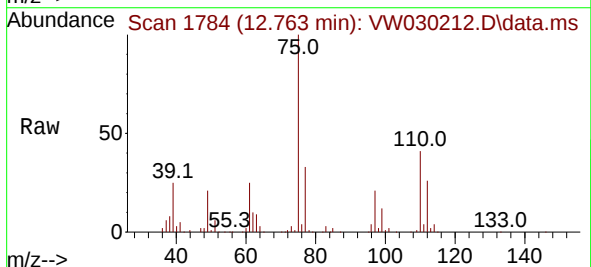
Tgt Ion: 75 Resp: 81509

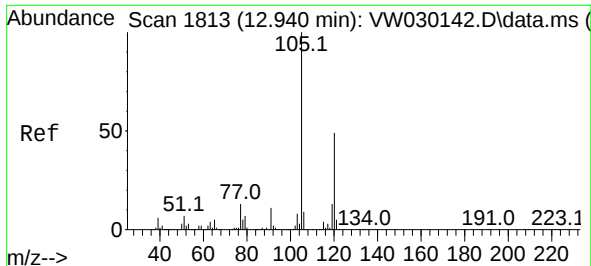
Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2

110 41.0 29.7 44.5

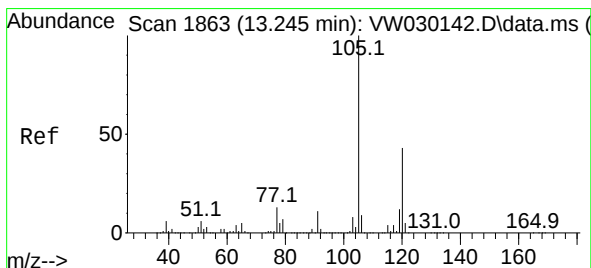
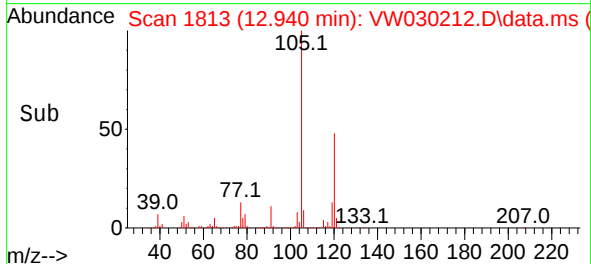
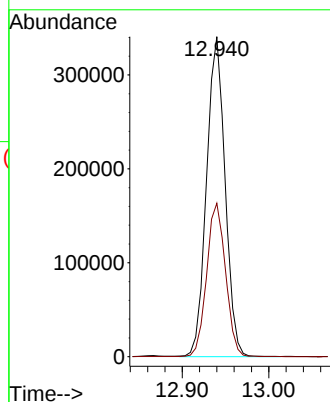
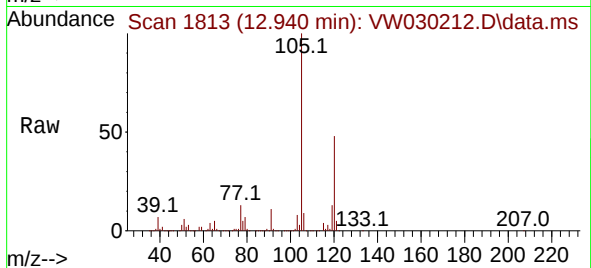




#62
1,3,5-Trimethylbenzene
Concen: 31.102 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

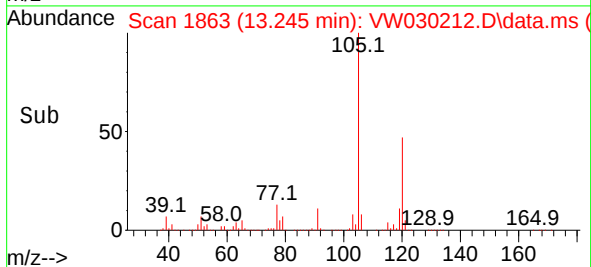
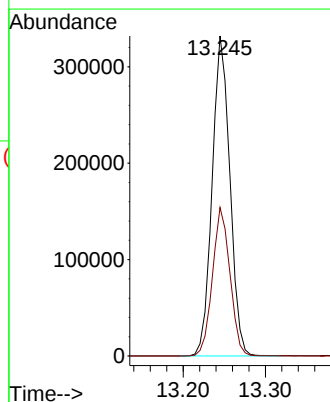
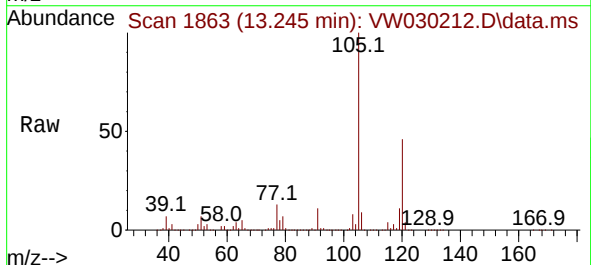
Instrument :
MSVOA_W
ClientSampleId :

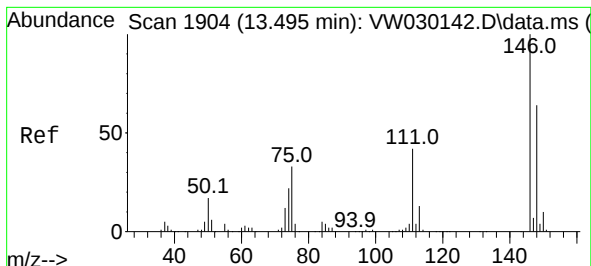
Tgt Ion:105 Resp: 506913
Ion Ratio Lower Upper
105 100
120 48.8 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 29.330 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

Tgt Ion:105 Resp: 496966
Ion Ratio Lower Upper
105 100
120 45.7 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 27.223 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

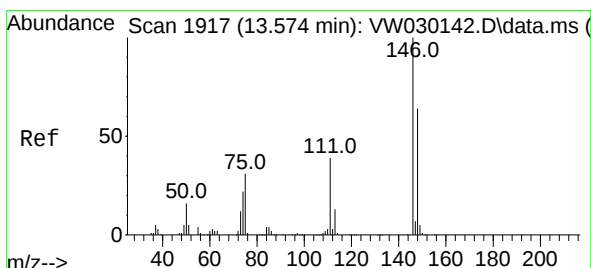
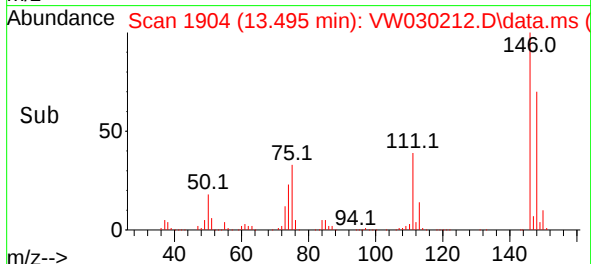
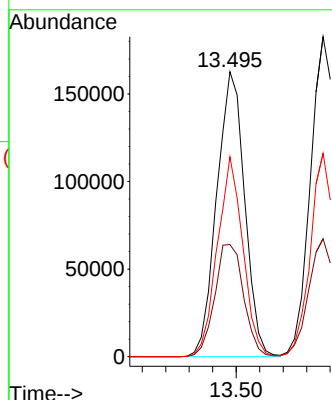
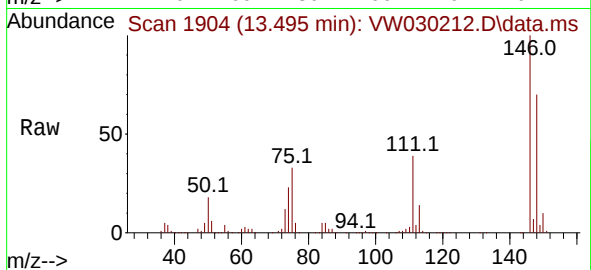
Tgt Ion:146 Resp: 268294

Ion Ratio Lower Upper

146 100

111 39.3 31.9 59.3

148 70.1 47.7 88.5



#65

1,4-Dichlorobenzene

Concen: 27.585 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

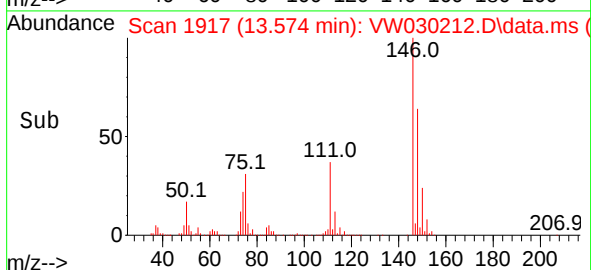
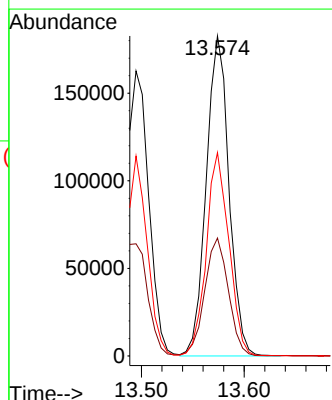
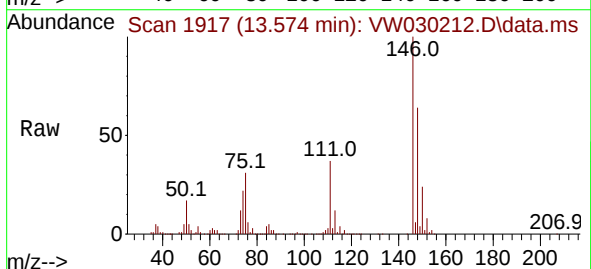
Tgt Ion:146 Resp: 280873

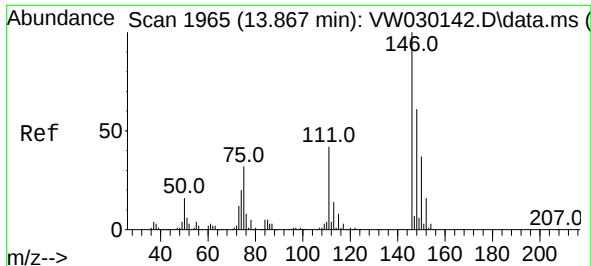
Ion Ratio Lower Upper

146 100

111 36.9 29.5 54.7

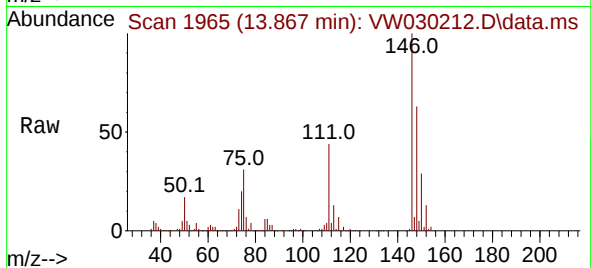
148 63.5 44.4 82.5



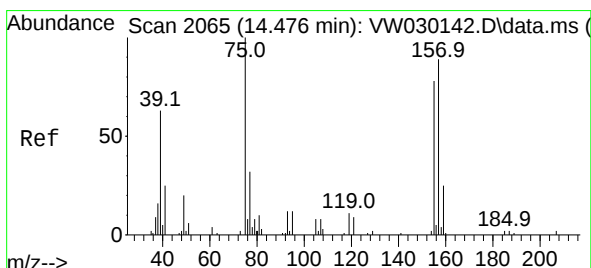
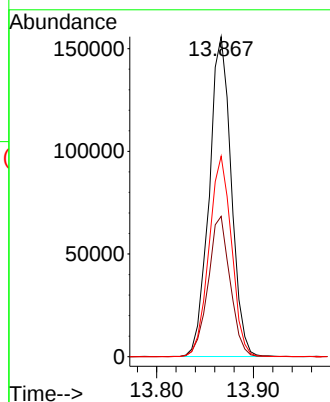
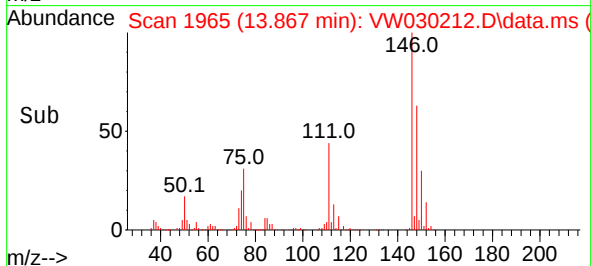


#67
1,2-Dichlorobenzene
Concen: 27.810 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11

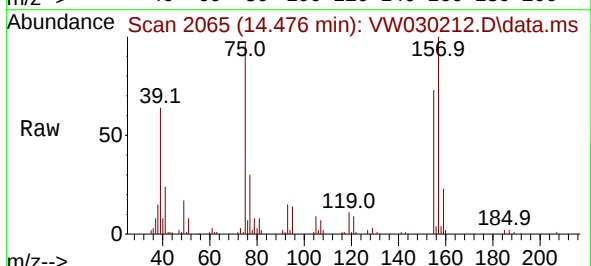
Instrument :
MSVOA_W
ClientSampleId :



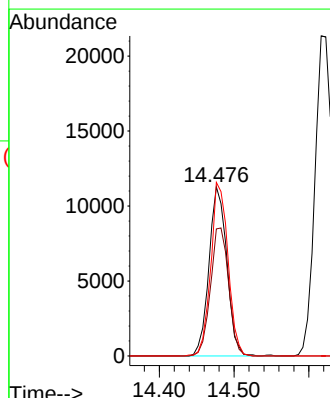
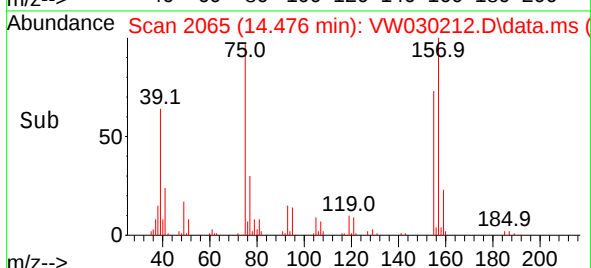
Tgt Ion:146 Resp: 247011
Ion Ratio Lower Upper
146 100
111 43.9 32.7 49.1
148 62.7 49.8 74.6

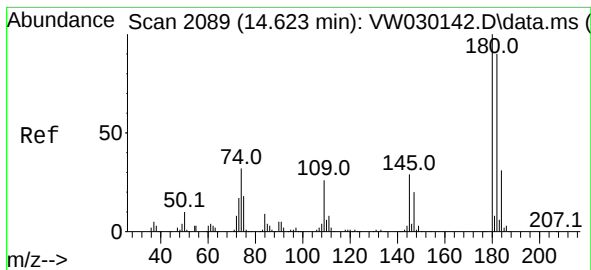


#68
1,2-Dibromo-3-chloropropane
Concen: 27.270 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030212.D
Acq: 24 Sep 2024 09:11



Tgt Ion: 75 Resp: 18687
Ion Ratio Lower Upper
75 100
155 75.1 60.5 90.7
157 102.6 66.9 100.3#





#69

1,3,5-Trichlorobenzene

Concen: 27.274 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

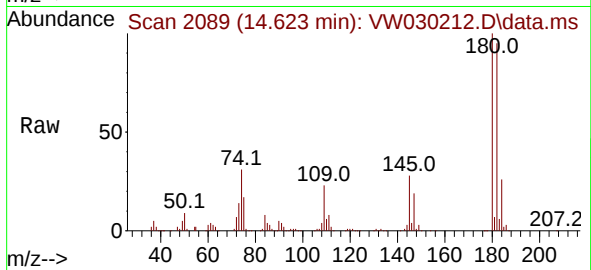
Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 187624

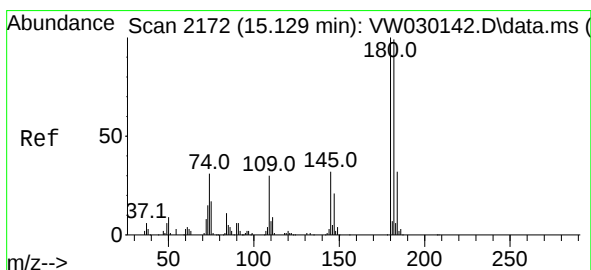
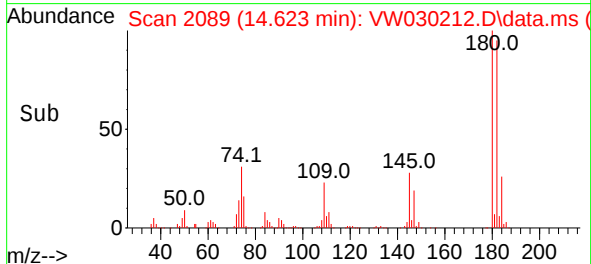
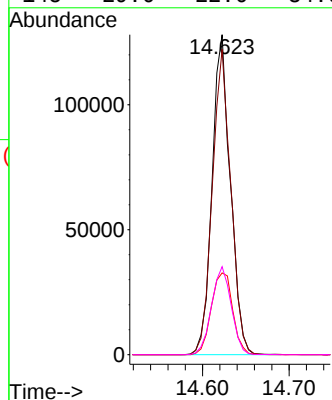
Ion Ratio Lower Upper

180 100

182 96.4 75.5 113.3

184 29.9 23.4 35.0

145 29.6 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 28.627 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

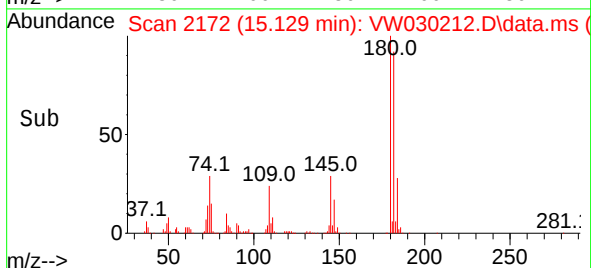
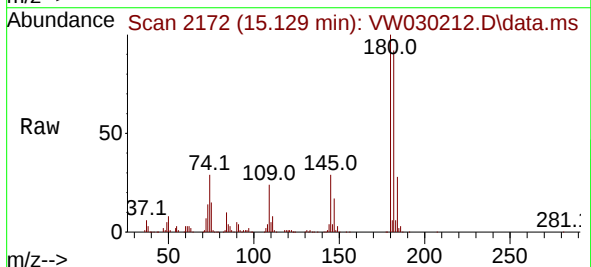
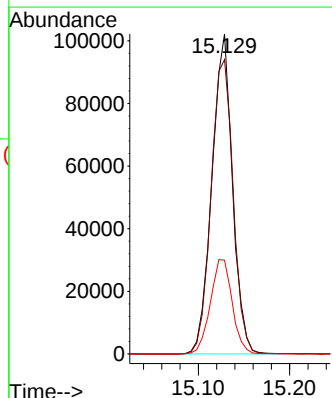
Tgt Ion:180 Resp: 159522

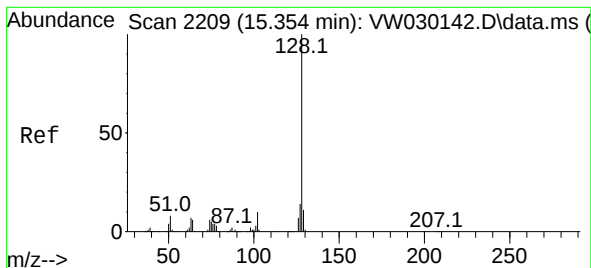
Ion Ratio Lower Upper

180 100

182 98.6 73.4 110.2

145 31.4 24.0 36.0





#71

Naphthalene

Concen: 31.266 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

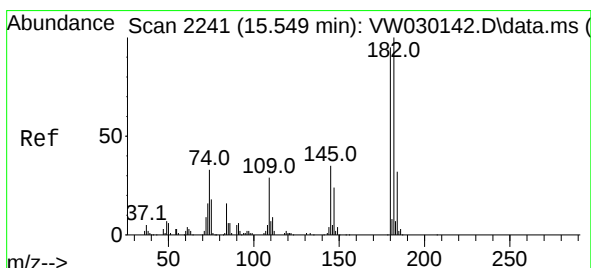
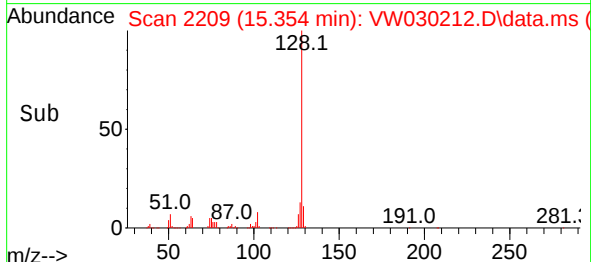
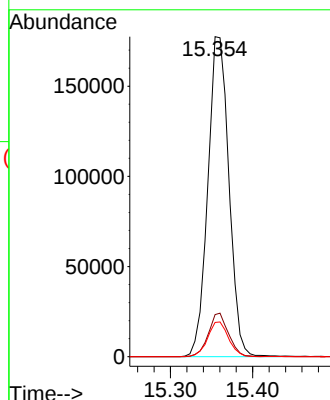
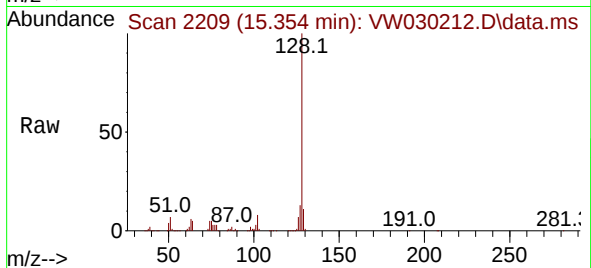
Tgt Ion:128 Resp: 316385

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.8 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 28.111 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030212.D

Acq: 24 Sep 2024 09:11

Tgt Ion:180 Resp: 137365

Ion Ratio Lower Upper

180 100

182 99.0 76.4 114.6

145 33.2 26.2 39.4

