

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092524\
 Data File : VW030248.D
 Acq On : 25 Sep 2024 17:20
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 4.92g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 26 01:21:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:18:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	172393	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	158788	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	80348	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	42584	19.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
7) Chloroethane-d5	2.899	69	35576	22.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
11) 1,1-Dichloroethene-d2	4.021	65	22636	20.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.400%
21) 2-Butanone-d5	7.075	46	30201	56.024	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.040%
24) Chloroform-d	7.648	84	116393	24.555	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.240%
26) 1,2-Dichloroethane-d4	8.301	65	61606	25.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.520%
32) Benzene-d6	8.276	84	221742	24.241	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.270	67	71225	25.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.880%
41) Toluene-d8	10.325	98	198215	24.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.720%
43) trans-1,3-Dichloroprop...	10.575	79	27000	23.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.440%
47) 2-Hexanone-d5	10.922	63	24559	56.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56334	26.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	66935	24.541	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	34794	18.304	ug/L	95
3) Chloromethane	2.223	50	47344	26.676	ug/L	99
5) Vinyl chloride	2.375	62	55134	25.207	ug/L	94
6) Bromomethane	2.790	94	32629	24.901	ug/L	99
8) Chloroethane	2.936	64	34177	26.181	ug/L	97
9) Trichlorofluoromethane	3.265	101	51530	19.976	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	50084	21.417	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	50607	24.592	ug/L	93
13) Acetone	4.125	43	36988	59.805	ug/L	95
14) Carbon disulfide	4.387	76	125546	21.477	ug/L	99
15) Methyl Acetate	4.673	43	28243	28.238	ug/L	98
16) Methylene chloride	4.917	84	61400	24.154	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	55077	24.279	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	95853	26.810	ug/L	98
19) 1,1-Dichloroethane	6.216	63	126761	27.518	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	67283	27.025	ug/L	96
22) 2-Butanone	7.167	43	41784	57.073	ug/L	97
23) Bromochloromethane	7.520	128	29155	26.204	ug/L	95
25) Chloroform	7.679	83	130082	27.803	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:18:41 2024
 Response via : Initial Calibration

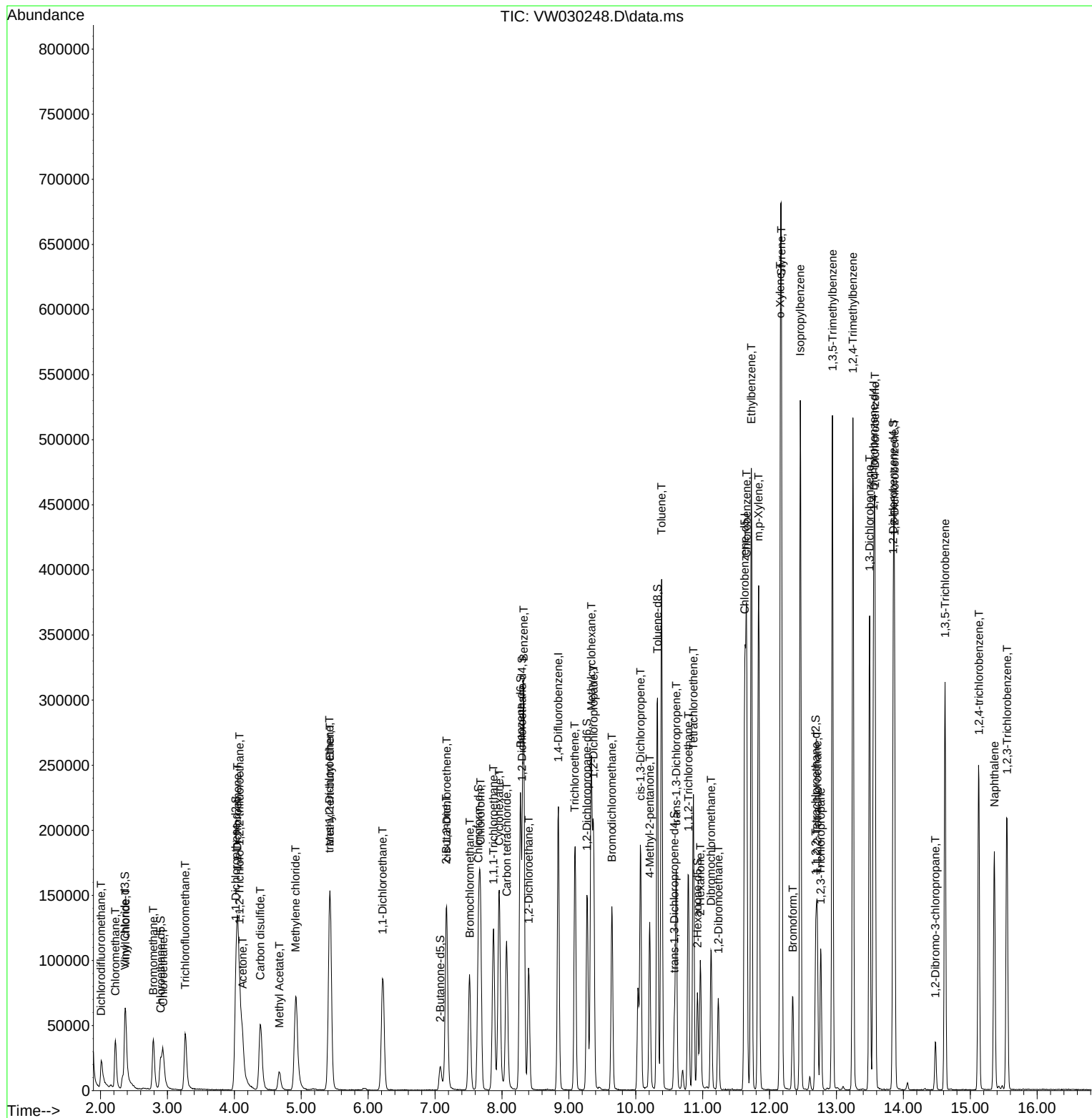
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	84520	28.808	ug/L	97
29) Cyclohexane	7.959	56	86903	25.688	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	100042	26.048	ug/L	97
31) Carbon tetrachloride	8.069	117	85348	24.455	ug/L	98
33) Benzene	8.325	78	268382	27.645	ug/L	100
34) Trichloroethene	9.087	95	68701	26.215	ug/L	88
35) Methylcyclohexane	9.337	83	97422	24.113	ug/L	96
37) 1,2-Dichloropropane	9.368	63	75982	28.876	ug/L	99
38) Bromodichloromethane	9.642	83	93028	28.076	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	109437	28.429	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	84325	62.717	ug/L	95
42) Toluene	10.386	91	281370	27.314	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	92004	28.412	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	52401	27.368	ug/L	95
46) Tetrachloroethene	10.861	164	46597	24.096	ug/L	93
48) 2-Hexanone	10.965	43	62605	60.550	ug/L	97
49) Dibromochloromethane	11.123	129	56285	27.010	ug/L	92
50) 1,2-Dibromoethane	11.233	107	46753	26.482	ug/L	96
51) Chlorobenzene	11.654	112	178607	26.843	ug/L	99
52) Ethylbenzene	11.727	91	329889	27.976	ug/L	96
53) m,p-Xylene	11.837	106	121803	27.996	ug/L	82
54) o-Xylene	12.160	106	116882	28.549	ug/L	95
55) Styrene	12.178	104	207696	29.247	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	63805	27.919	ug/L	99
59) Bromoform	12.349	173	32109	25.250	ug/L	99
60) Isopropylbenzene	12.459	105	318854	26.953	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	44899	26.861	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	259830	29.967	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	255305	28.323	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	141062	26.905	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	140711	25.977	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	124156	26.276	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.477	75	9618	26.383	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	89146	24.359	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	75503	25.470	ug/L	98
71) Naphthalene	15.361	128	150275	27.916	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	69582	26.767	ug/L	99

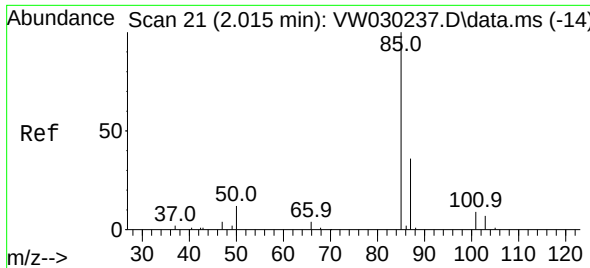
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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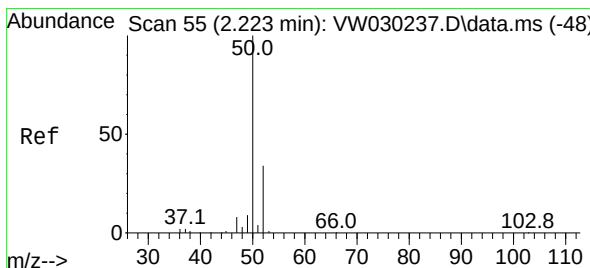
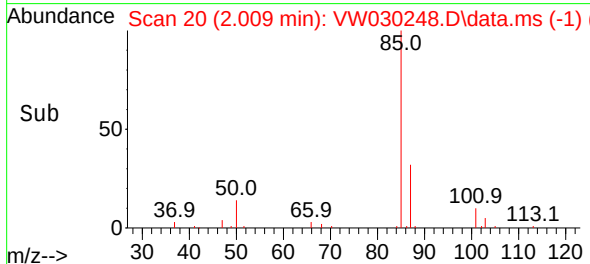
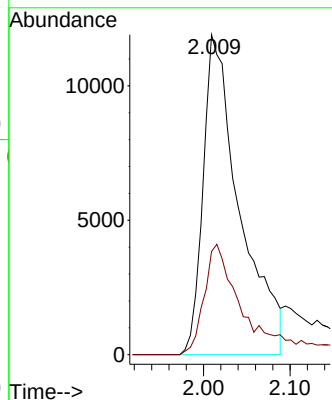
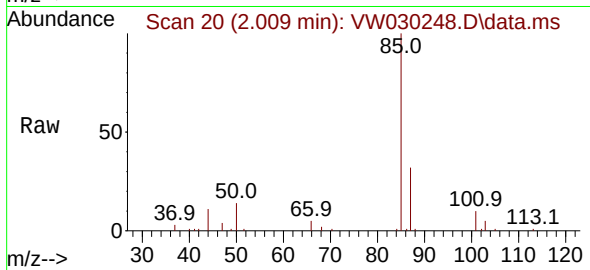




#2
 Dichlorodifluoromethane
 Concen: 18.304 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW030248.D
 Acq: 25 Sep 2024 17:20

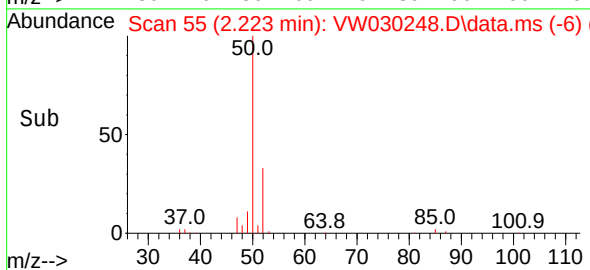
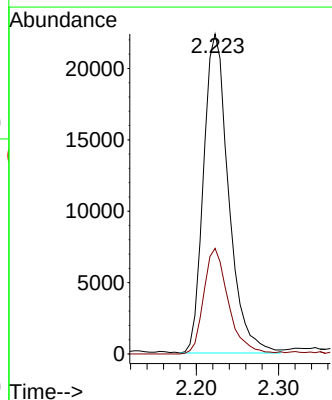
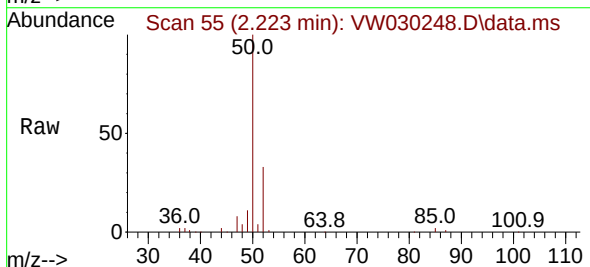
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 ClientSampleId :

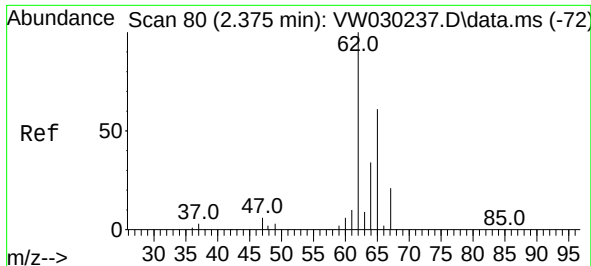
Tgt Ion: 85 Resp: 34794
 Ion Ratio Lower Upper
 85 100
 87 29.2 21.2 31.8



#3
 Chloromethane
 Concen: 26.676 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030248.D
 Acq: 25 Sep 2024 17:20

Tgt Ion: 50 Resp: 47344
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6

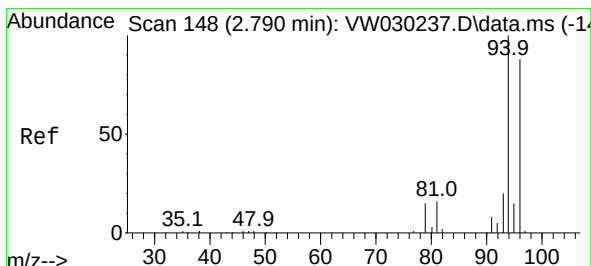
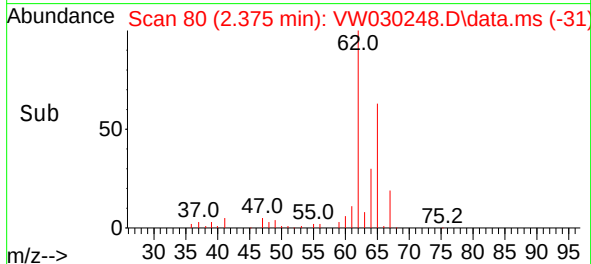
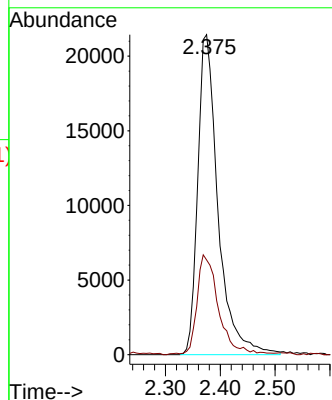
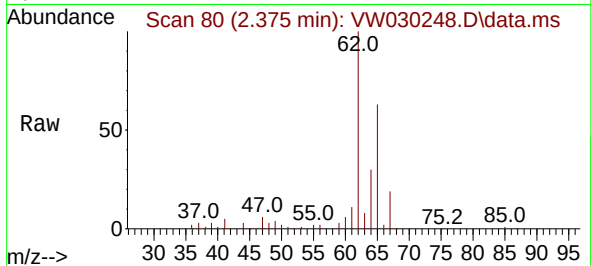




#5
 Vinyl chloride
 Concen: 25.207 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030248.D
 Acq: 25 Sep 2024 17:20

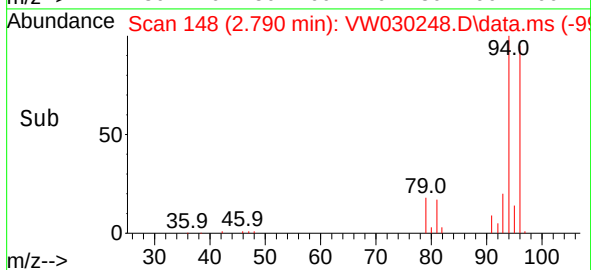
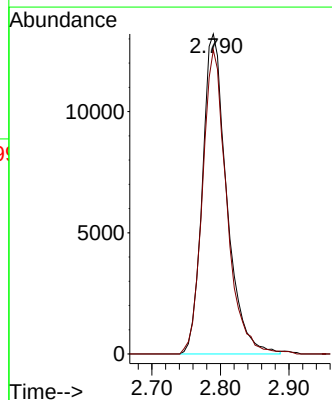
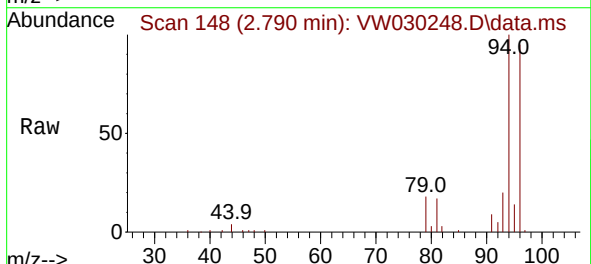
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 ClientSampleId :

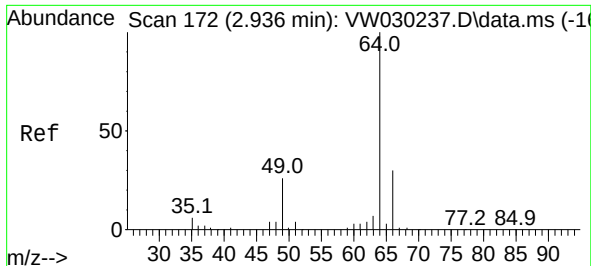
Tgt Ion: 62 Resp: 55134
 Ion Ratio Lower Upper
 62 100
 64 29.6 23.0 42.8



#6
 Bromomethane
 Concen: 24.901 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030248.D
 Acq: 25 Sep 2024 17:20

Tgt Ion: 94 Resp: 32629
 Ion Ratio Lower Upper
 94 100
 96 95.0 67.5 125.3

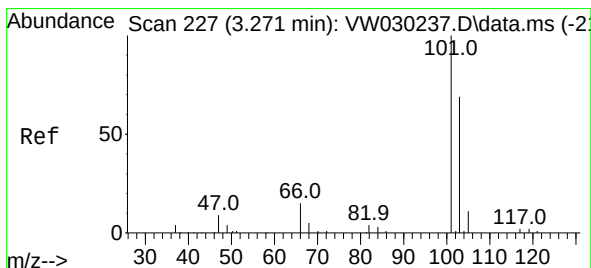
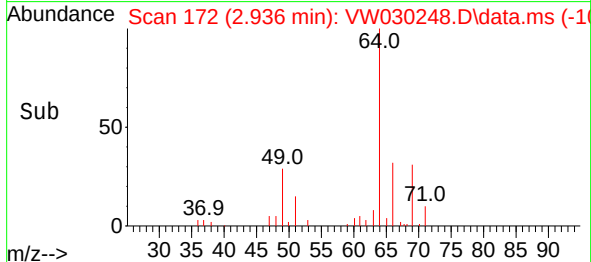
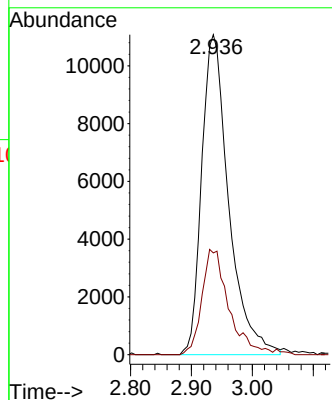
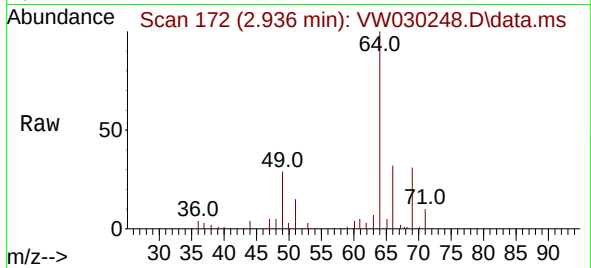




#8
Chloroethane
Concen: 26.181 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

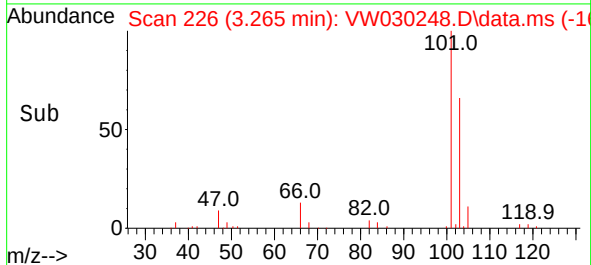
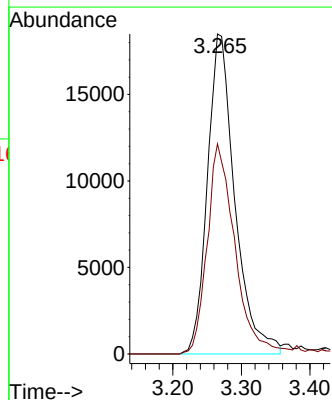
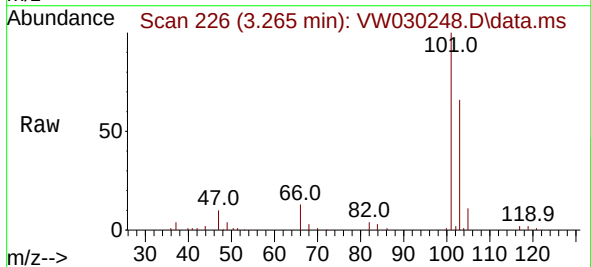
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MSVOA_W
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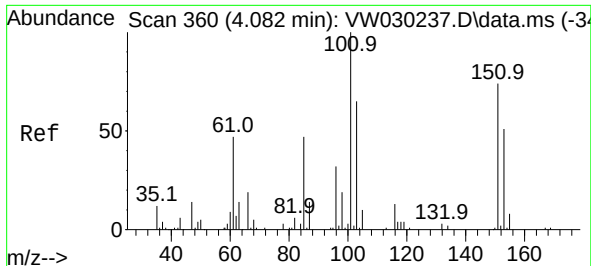
Tgt Ion: 64 Resp: 34177
Ion Ratio Lower Upper
64 100
66 31.8 21.1 39.3



#9
Trichlorofluoromethane
Concen: 19.976 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Tgt Ion:101 Resp: 51530
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.6

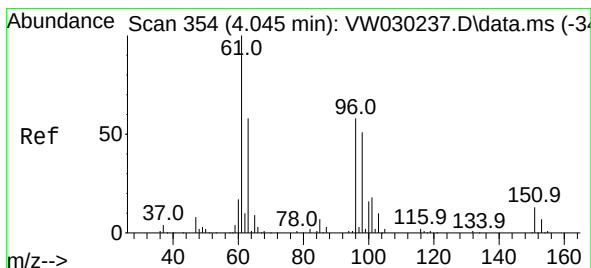
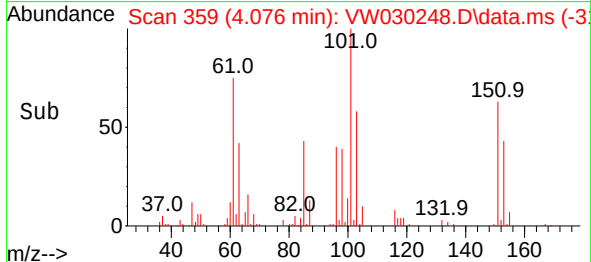
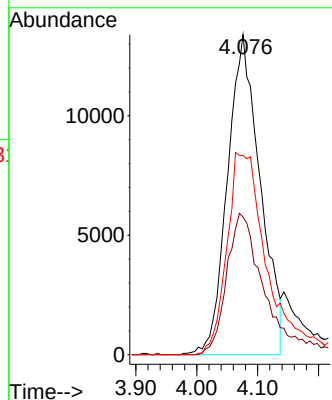
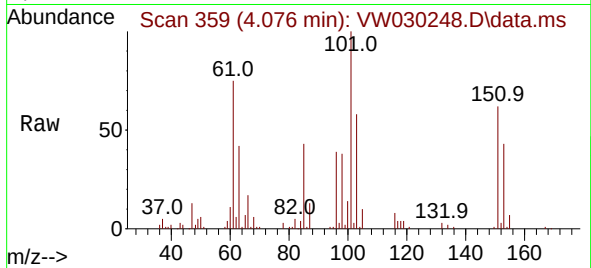




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.417 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030248.D
 Acq: 25 Sep 2024 17:20

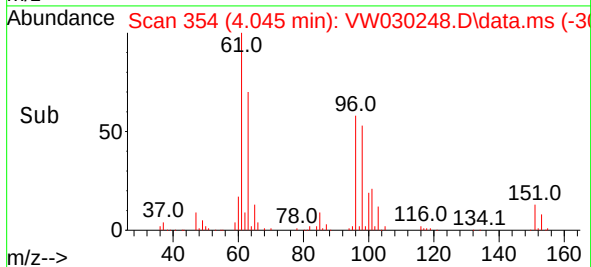
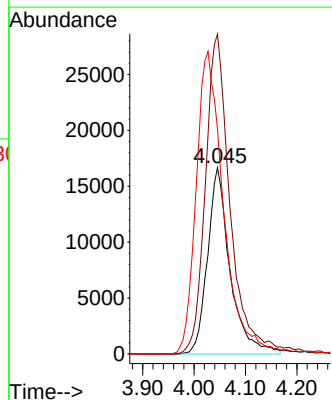
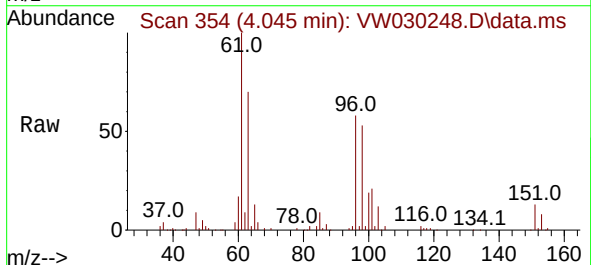
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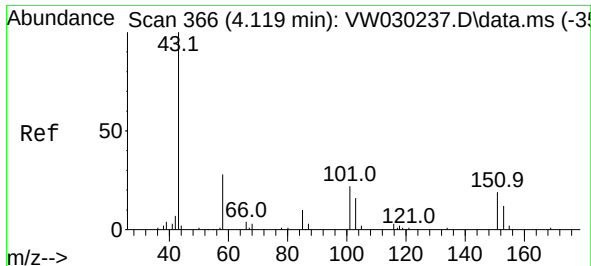
Tgt Ion:101 Resp: 50084
 Ion Ratio Lower Upper
 101 100
 85 47.3 34.2 51.2
 151 39.4 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 24.592 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030248.D
 Acq: 25 Sep 2024 17:20

Tgt Ion: 96 Resp: 50607
 Ion Ratio Lower Upper
 96 100
 61 171.8 124.0 230.4
 63 120.8 93.3 173.3

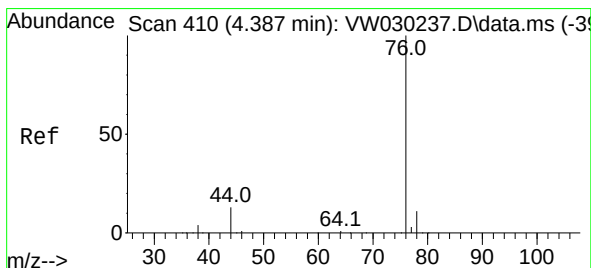
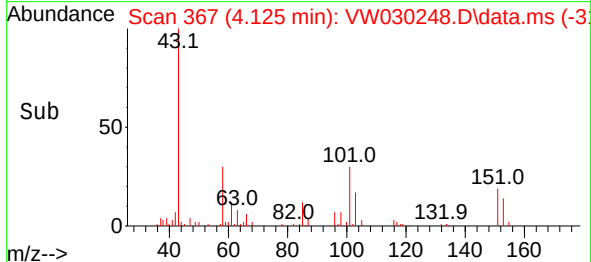
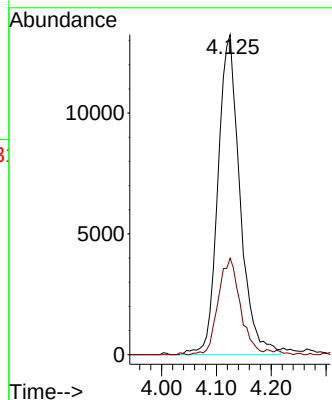
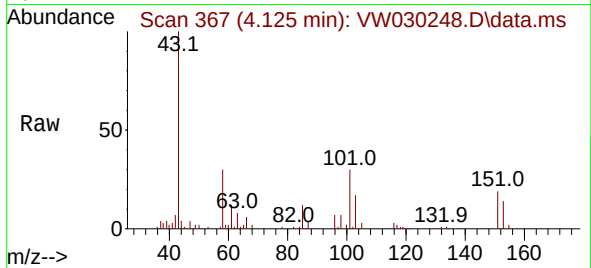




#13
Acetone
Concen: 59.805 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

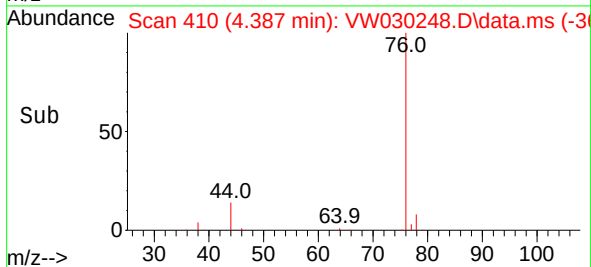
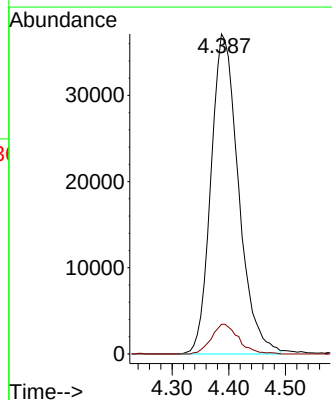
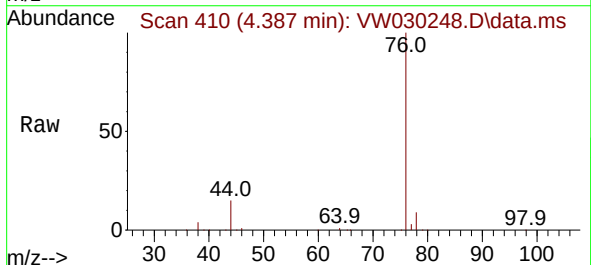
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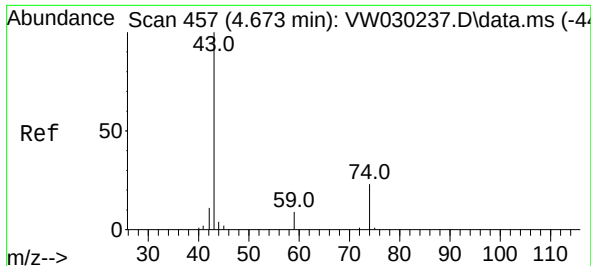
Tgt Ion: 43 Resp: 36988
Ion Ratio Lower Upper
43 100
58 29.8 0.0 65.0



#14
Carbon disulfide
Concen: 21.477 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 125546
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

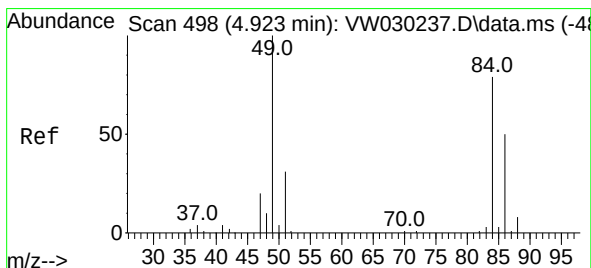
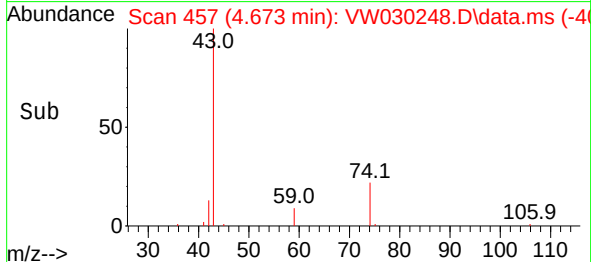
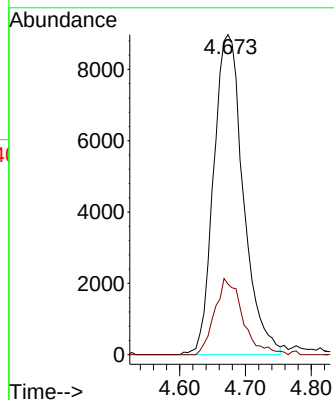
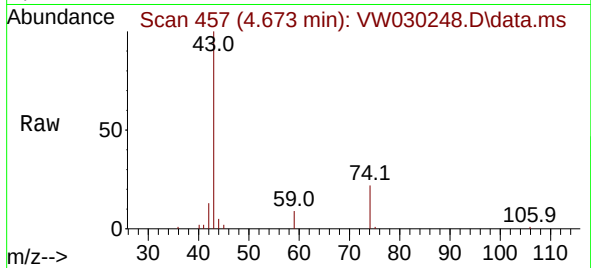




#15
Methyl Acetate
Concen: 28.238 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

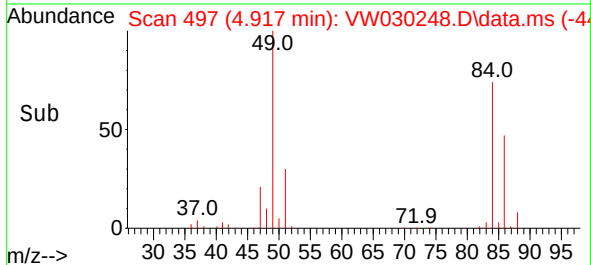
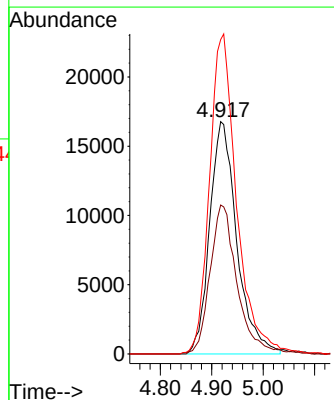
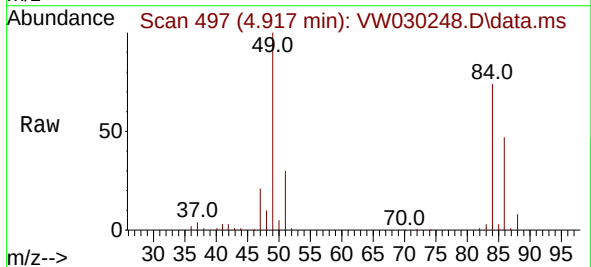
Instrument :
MSVOA_W
ClientSampleId :

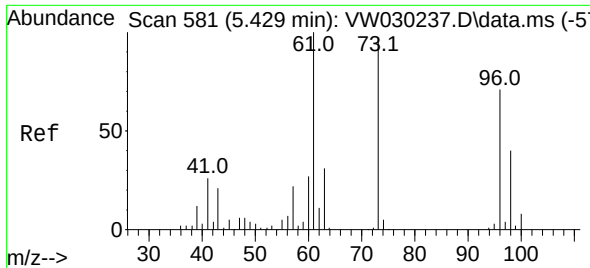
Tgt Ion: 43 Resp: 28243
Ion Ratio Lower Upper
43 100
74 22.4 18.9 28.3



#16
Methylene chloride
Concen: 24.154 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Tgt Ion: 84 Resp: 61400
Ion Ratio Lower Upper
84 100
86 64.1 44.6 82.8
49 135.3 83.8 155.6

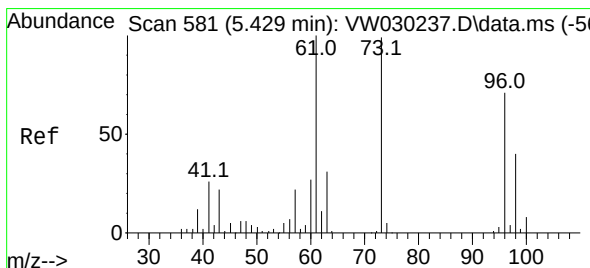
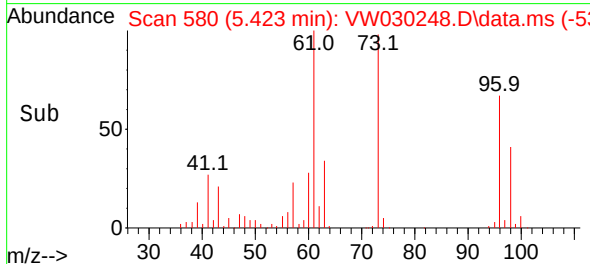
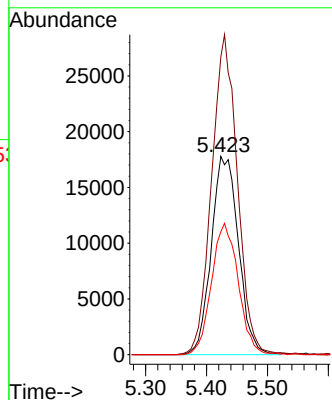
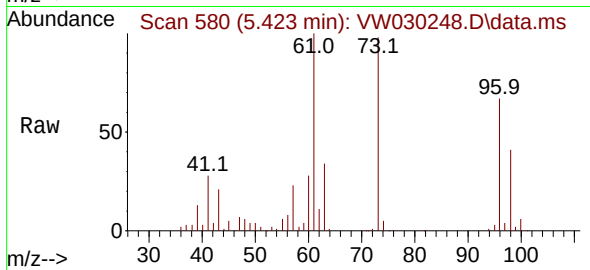




#17
trans-1,2-Dichloroethene
Concen: 24.279 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

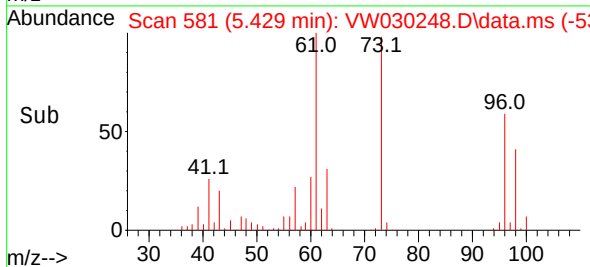
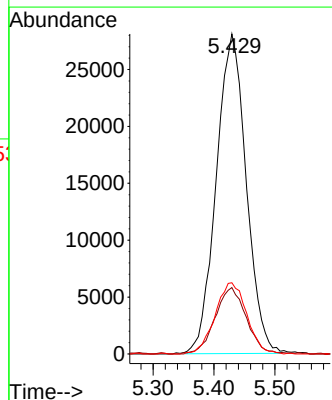
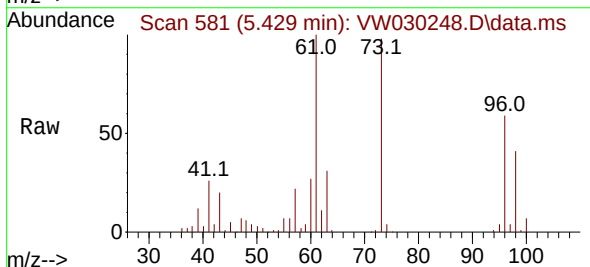
Instrument :
MSVOA_W
ClientSampleId :

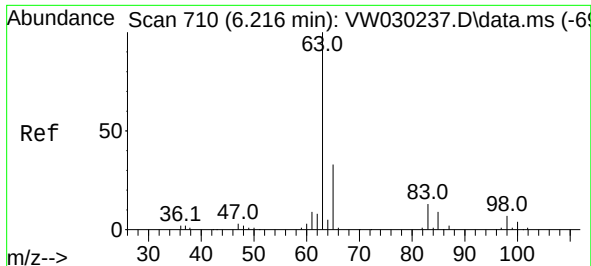
Tgt Ion: 96 Resp: 55077
Ion Ratio Lower Upper
96 100
61 150.1 100.8 187.2
98 62.0 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 26.810 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Tgt Ion: 73 Resp: 95853
Ion Ratio Lower Upper
73 100
43 21.5 15.7 23.5
57 23.5 18.8 28.2





#19

1,1-Dichloroethane

Concen: 27.518 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :

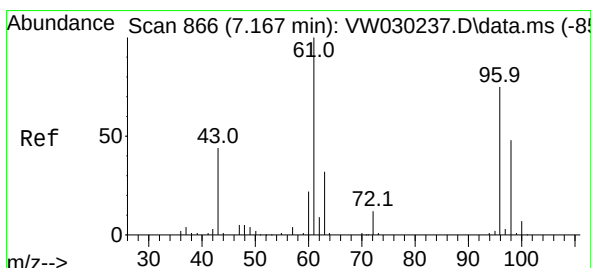
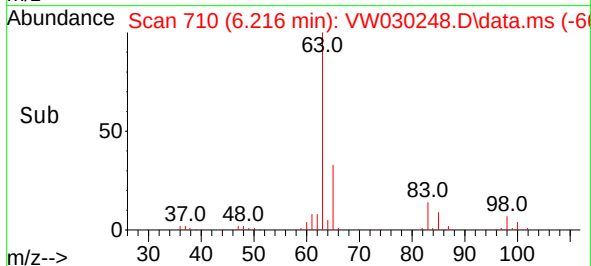
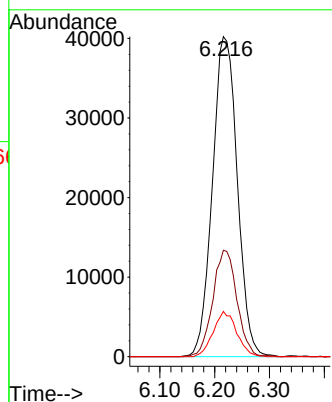
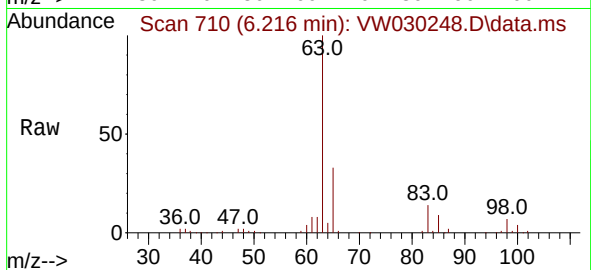
Tgt Ion: 63 Resp: 126761

Ion Ratio Lower Upper

63 100

65 33.3 21.6 40.0

83 14.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 27.025 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

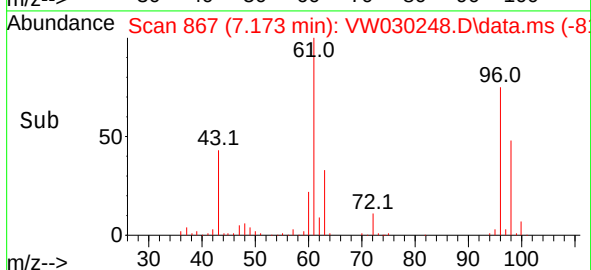
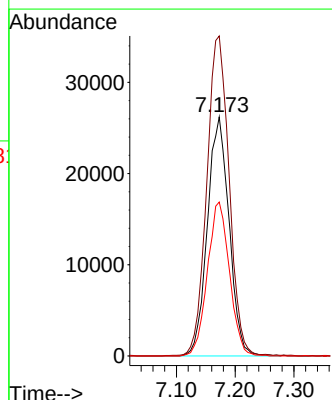
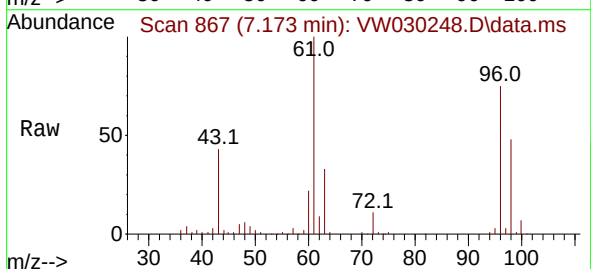
Tgt Ion: 96 Resp: 67283

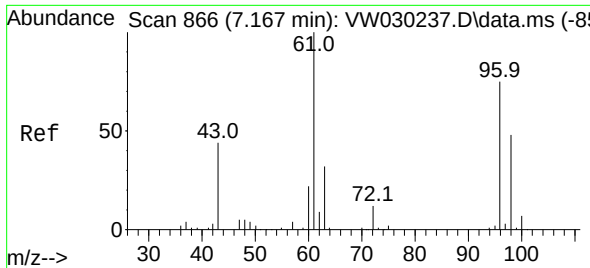
Ion Ratio Lower Upper

96 100

61 133.9 89.5 166.3

98 64.4 44.3 82.3

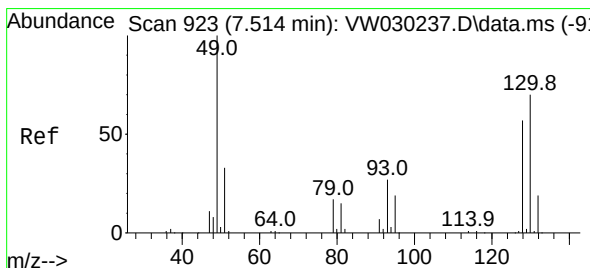
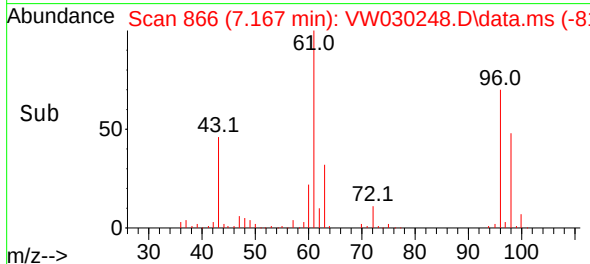
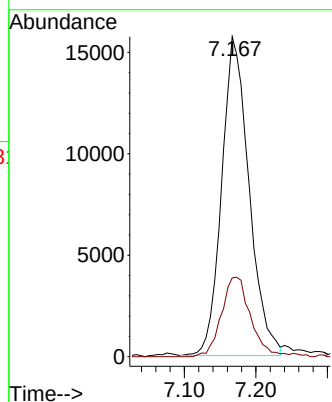
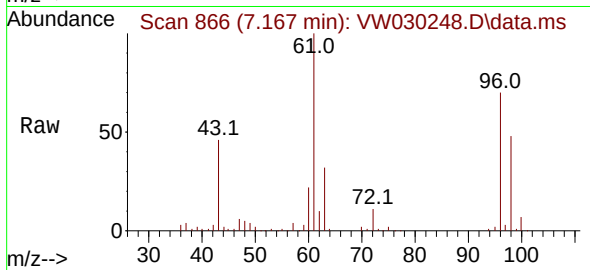




#22
2-Butanone
Concen: 57.073 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

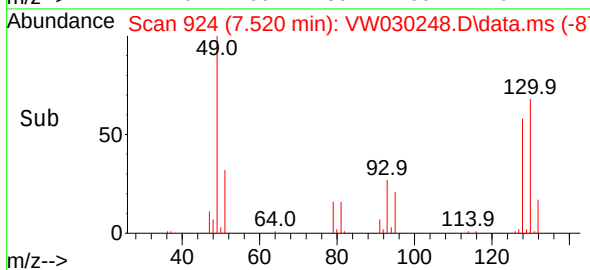
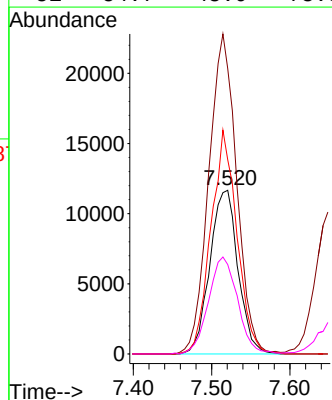
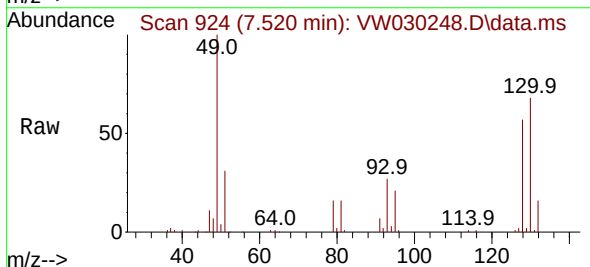
Instrument :
MSVOA_W
ClientSampleId :

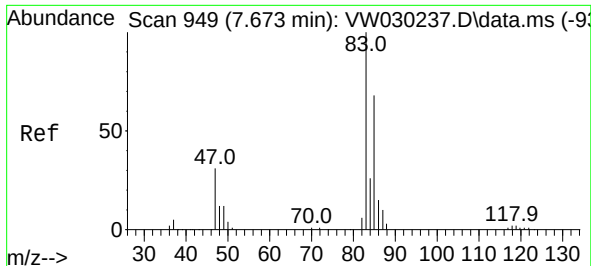
Tgt Ion: 43 Resp: 41784
Ion Ratio Lower Upper
43 100
72 26.4 13.9 41.7



#23
Bromochloromethane
Concen: 26.204 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Tgt Ion:128 Resp: 29155
Ion Ratio Lower Upper
128 100
49 174.4 126.1 234.1
130 118.8 85.9 159.5
51 54.7 48.9 73.3





#25

Chloroform

Concen: 27.803 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

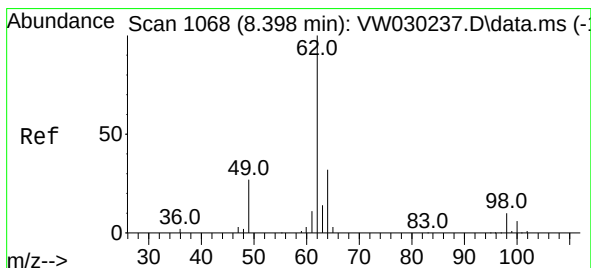
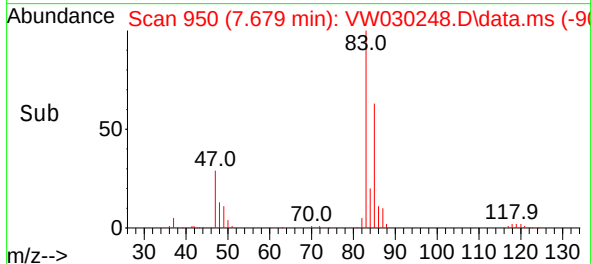
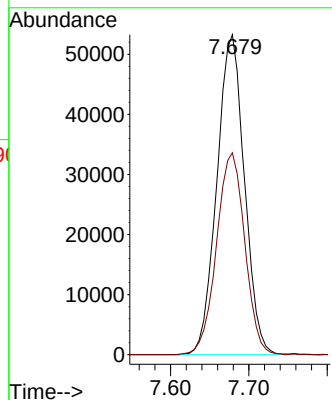
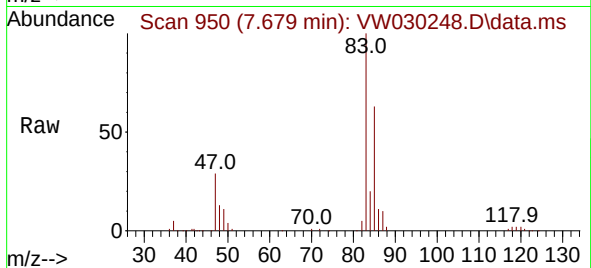
ClientSampleId :

Tgt Ion: 83 Resp: 130082

Ion Ratio Lower Upper

83 100

85 63.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 28.808 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030248.D

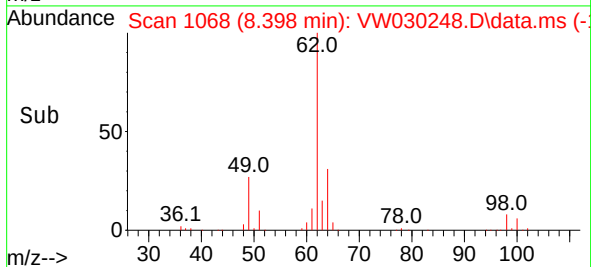
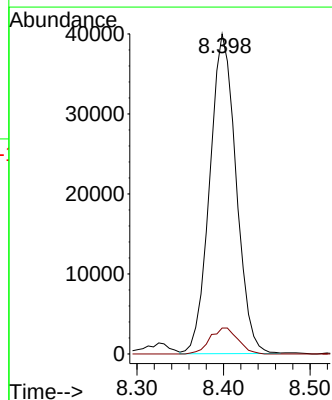
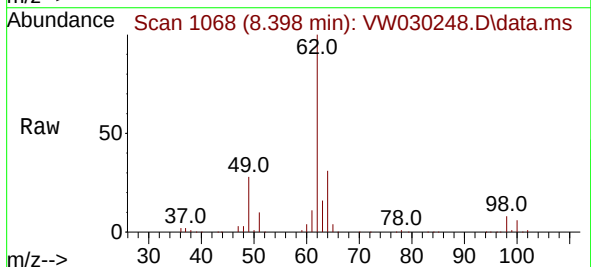
Acq: 25 Sep 2024 17:20

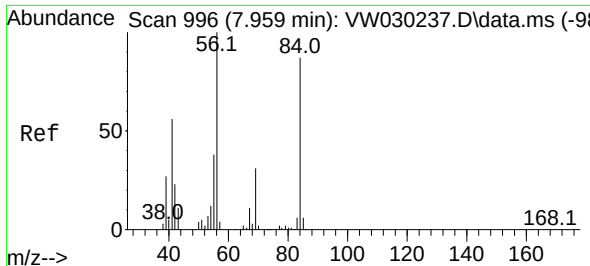
Tgt Ion: 62 Resp: 84520

Ion Ratio Lower Upper

62 100

98 8.1 7.3 10.9





#29

Cyclohexane

Concen: 25.688 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

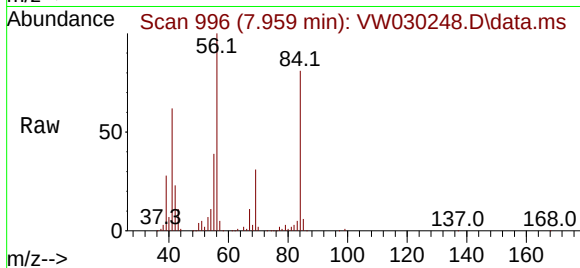
Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :



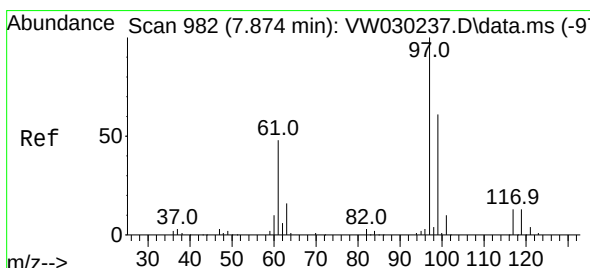
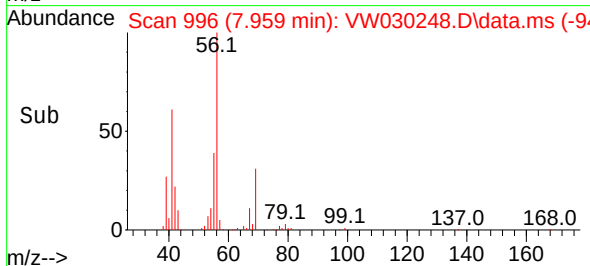
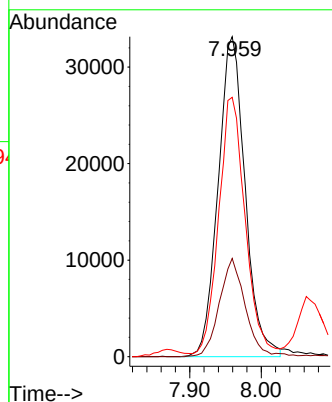
Tgt Ion: 56 Resp: 86903

Ion Ratio Lower Upper

56 100

69 29.0 24.6 37.0

84 80.6 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 26.048 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

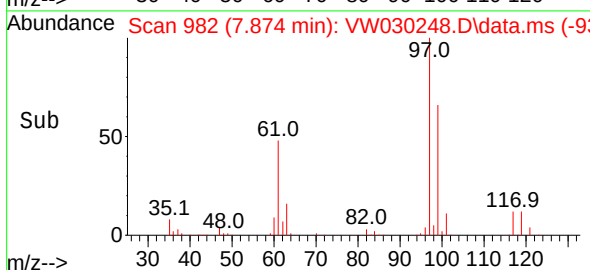
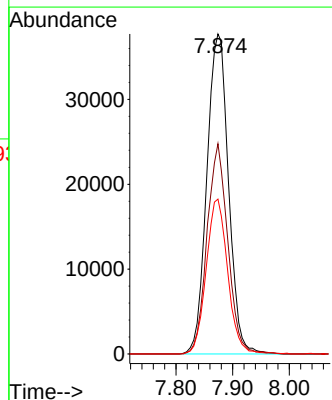
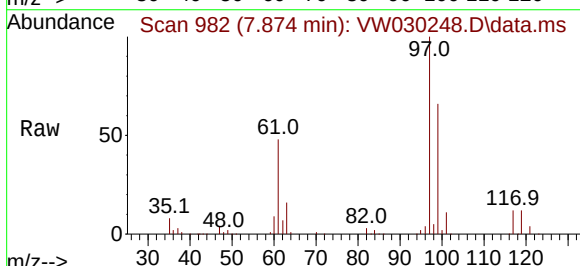
Tgt Ion: 97 Resp: 100042

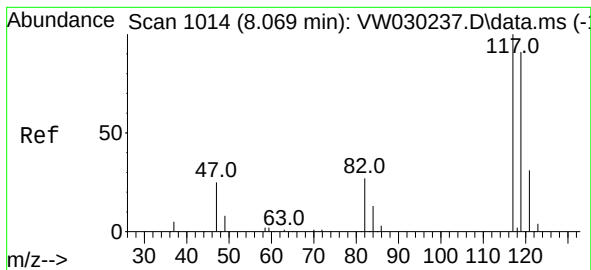
Ion Ratio Lower Upper

97 100

99 62.6 51.3 76.9

61 48.1 36.4 54.6





#31

Carbon tetrachloride

Concen: 24.455 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

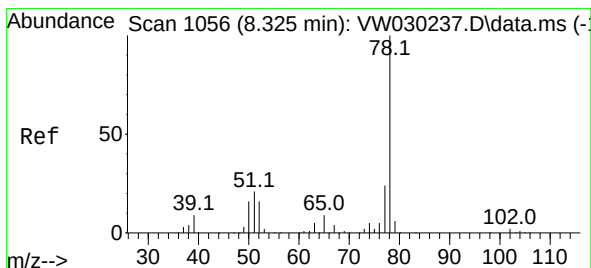
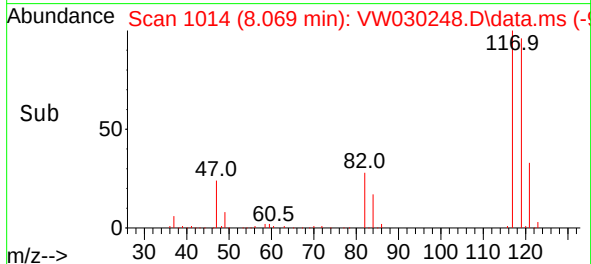
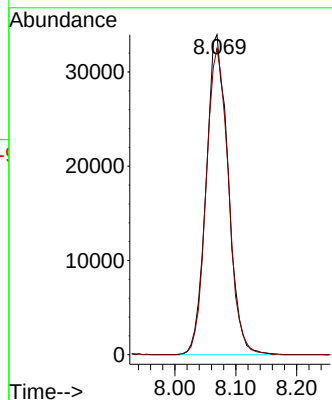
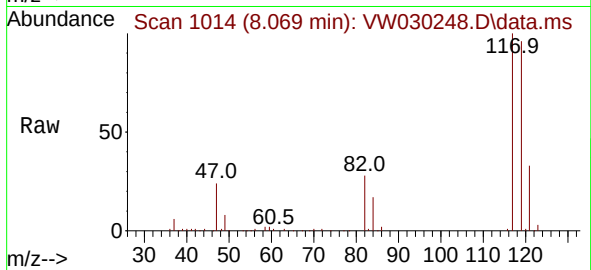
ClientSampleId :

Tgt Ion:117 Resp: 85348

Ion Ratio Lower Upper

117 100

119 96.9 76.2 114.4



#33

Benzene

Concen: 27.645 ug/L

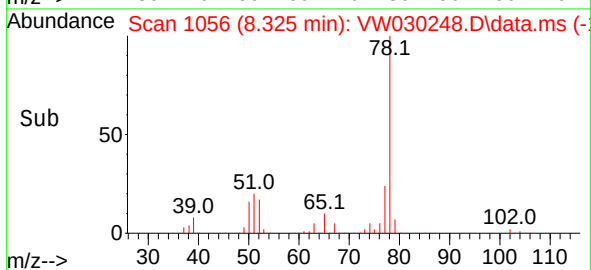
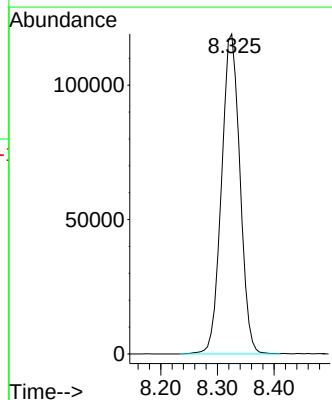
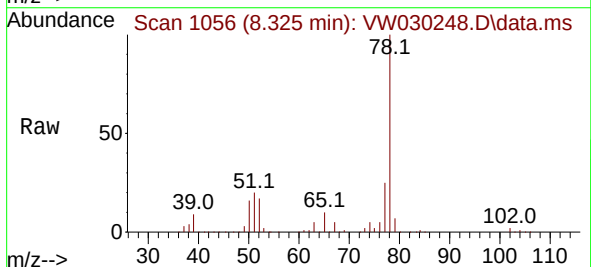
RT: 8.325 min Scan# 1056

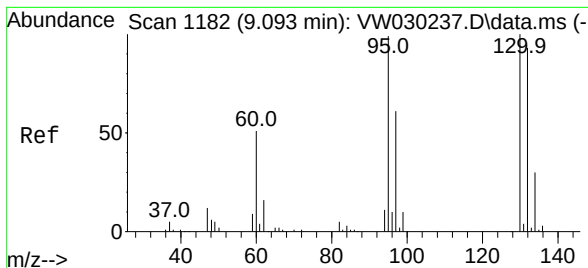
Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Tgt Ion: 78 Resp: 268382





#34

Trichloroethene

Concen: 26.215 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 68701

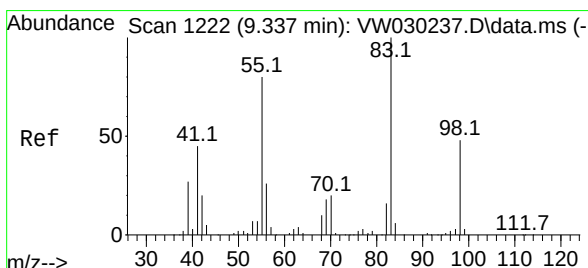
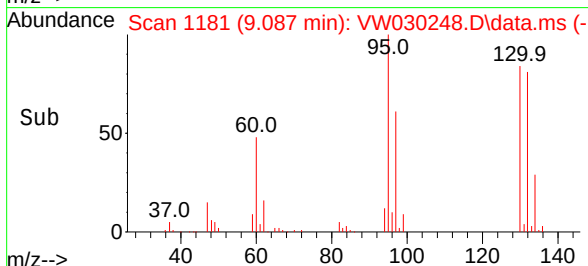
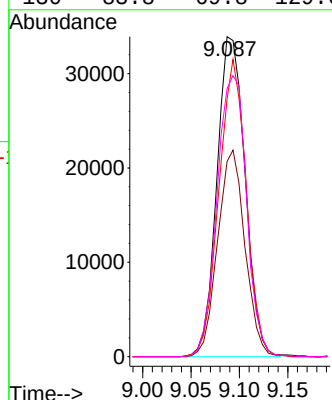
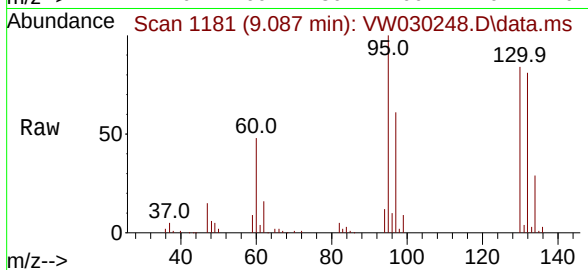
Ion Ratio Lower Upper

95 100

97 61.0 45.2 84.0

132 80.6 64.8 120.3

130 83.8 69.8 129.6



#35

Methylcyclohexane

Concen: 24.113 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

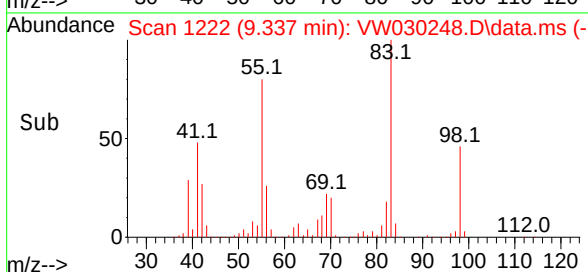
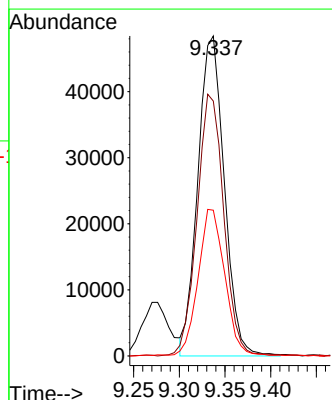
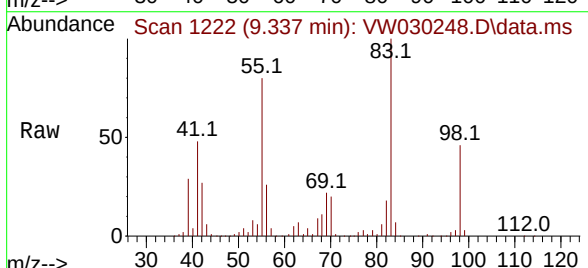
Tgt Ion: 83 Resp: 97422

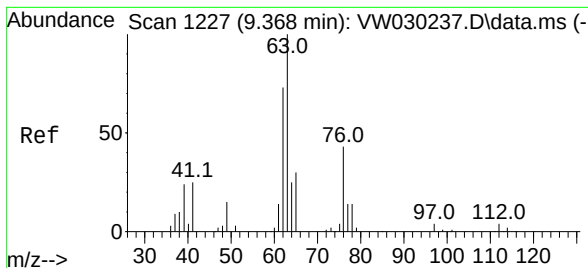
Ion Ratio Lower Upper

83 100

55 83.0 63.0 94.6

98 46.2 38.7 58.1





#37

1,2-Dichloropropane

Concen: 28.876 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

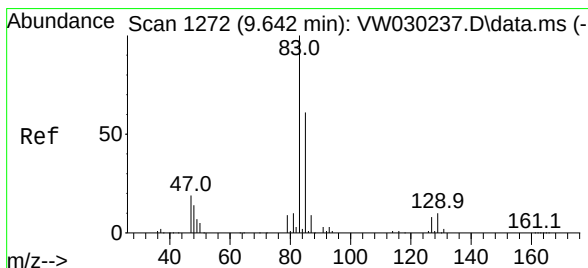
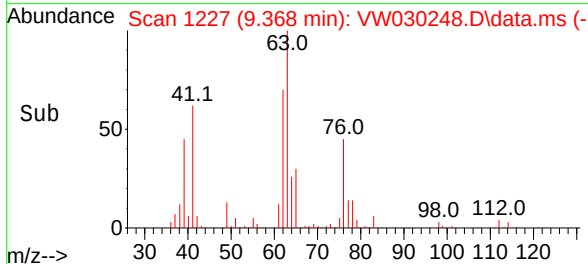
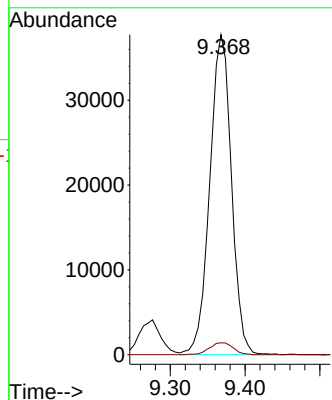
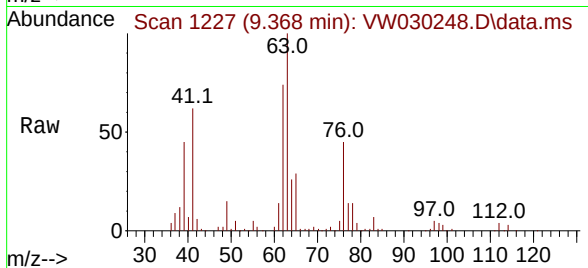
ClientSampleId :

Tgt Ion: 63 Resp: 75982

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 28.076 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

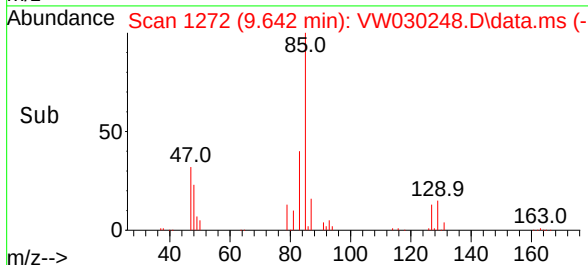
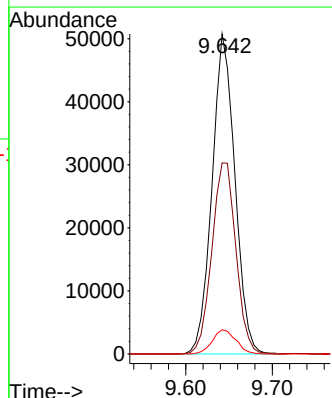
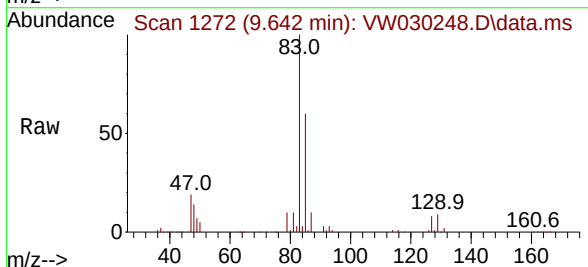
Tgt Ion: 83 Resp: 93028

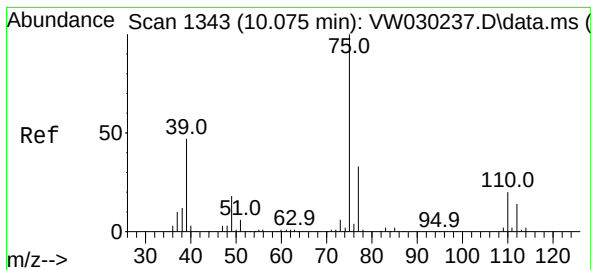
Ion Ratio Lower Upper

83 100

85 59.7 42.6 79.0

127 7.6 6.3 9.5

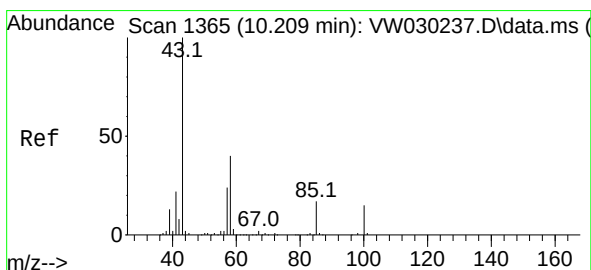
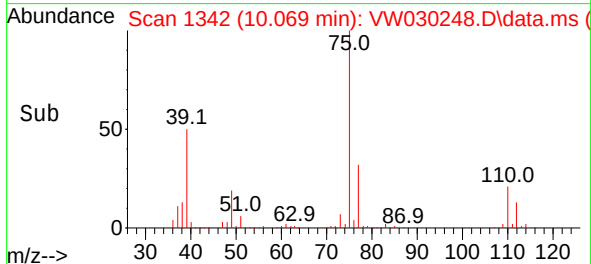
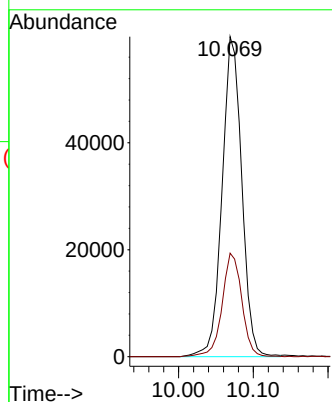
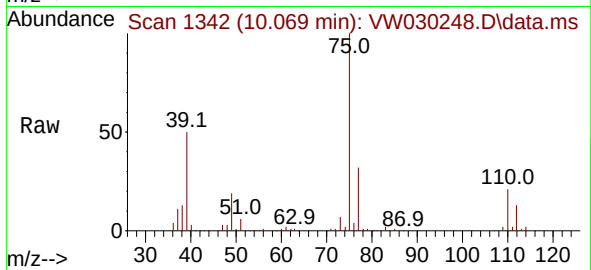




#39
cis-1,3-Dichloropropene
Concen: 28.429 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

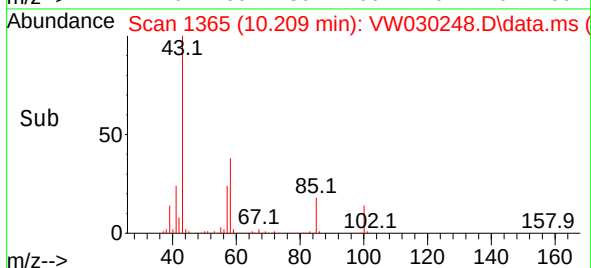
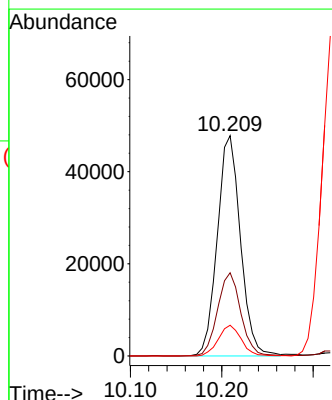
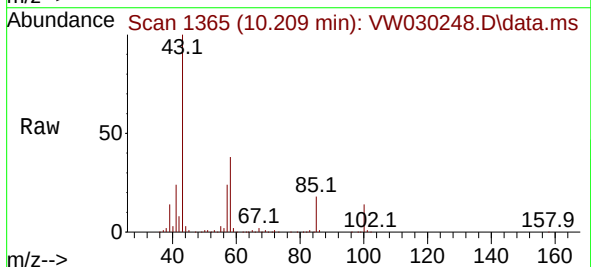
Instrument :
MSVOA_W
ClientSampleId :

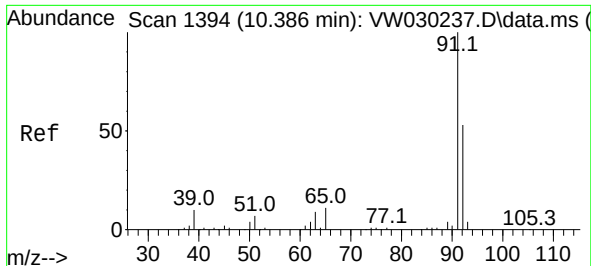
Tgt Ion: 75 Resp: 109437
Ion Ratio Lower Upper
75 100
77 32.4 20.7 38.5



#40
4-Methyl-2-pentanone
Concen: 62.717 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Tgt Ion: 43 Resp: 84325
Ion Ratio Lower Upper
43 100
58 38.0 32.7 49.1
100 13.8 12.7 19.1





#42

Toluene

Concen: 27.314 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

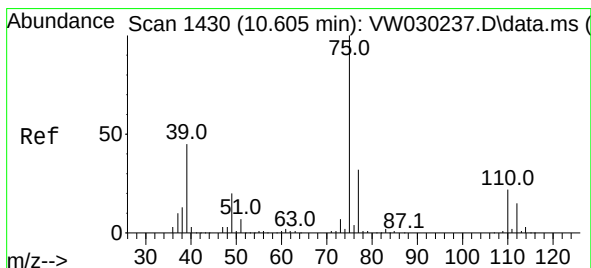
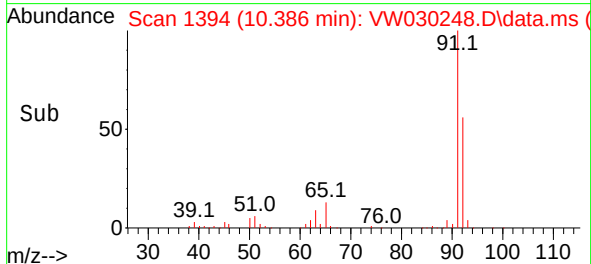
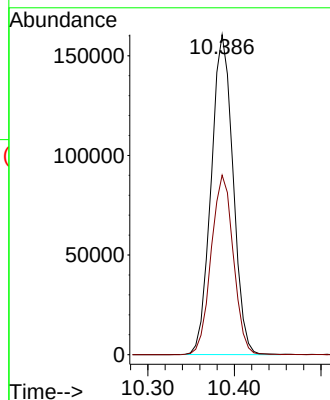
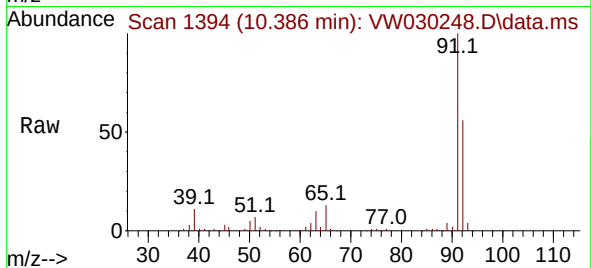
ClientSampleId :

Tgt Ion: 91 Resp: 281370

Ion Ratio Lower Upper

91 100

92 56.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 28.412 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030248.D

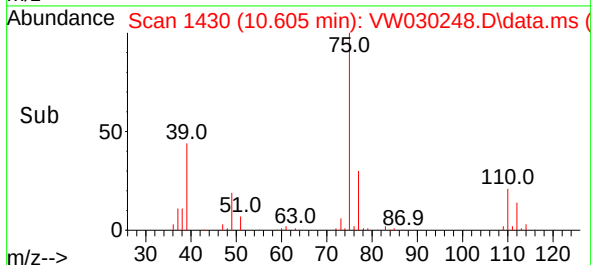
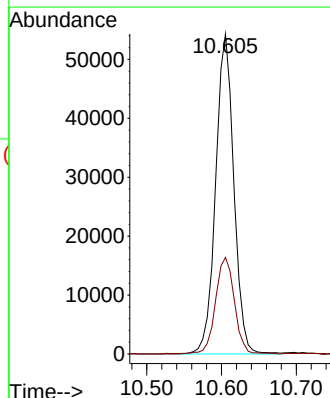
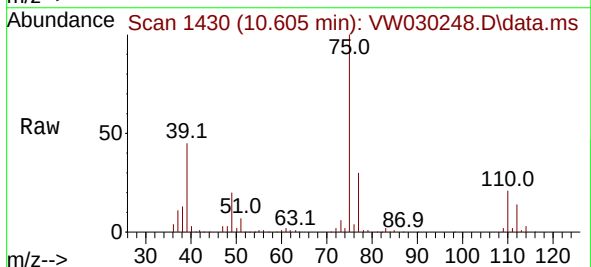
Acq: 25 Sep 2024 17:20

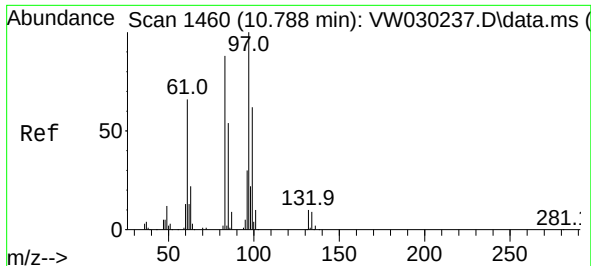
Tgt Ion: 75 Resp: 92004

Ion Ratio Lower Upper

75 100

77 30.2 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.368 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

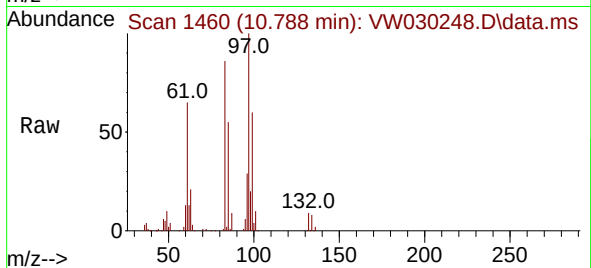
Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 52401

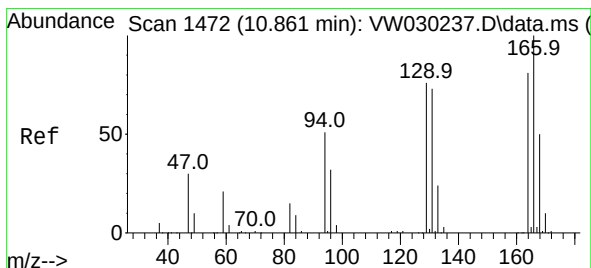
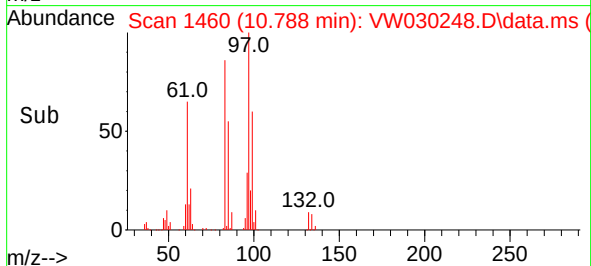
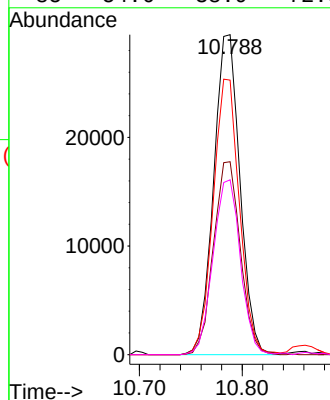
Ion Ratio Lower Upper

97 100

99 60.3 45.6 84.8

83 85.8 64.0 119.0

85 54.6 38.9 72.3



#46

Tetrachloroethene

Concen: 24.096 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Tgt Ion:164 Resp: 46597

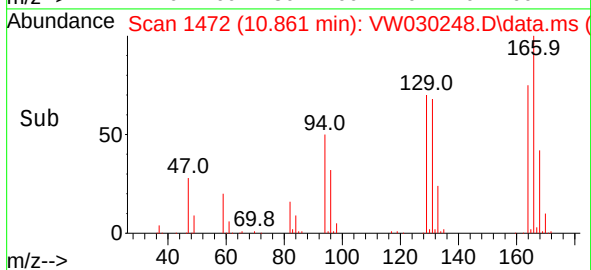
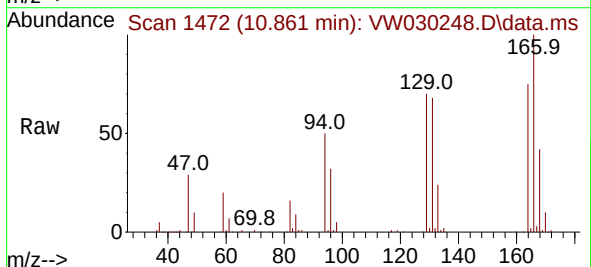
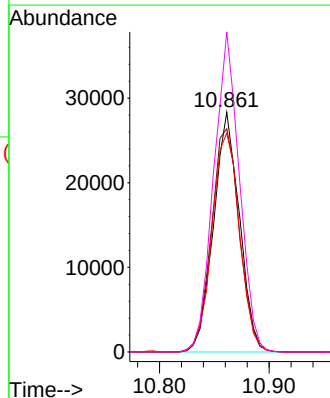
Ion Ratio Lower Upper

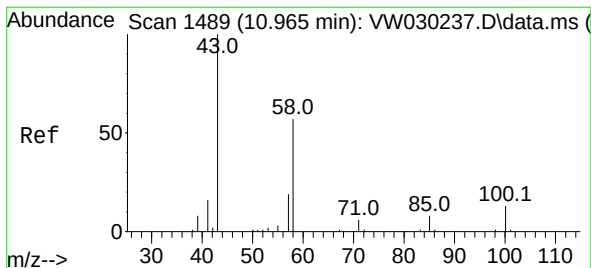
164 100

129 93.1 66.0 122.6

131 91.3 64.8 120.4

166 133.5 81.6 151.6





#48

2-Hexanone

Concen: 60.550 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 62605

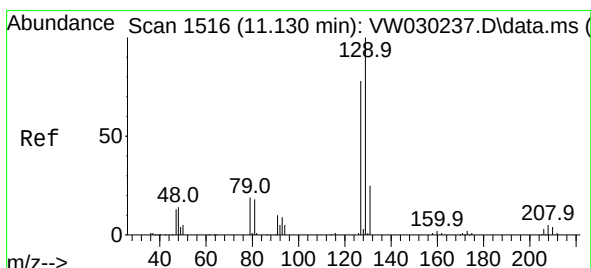
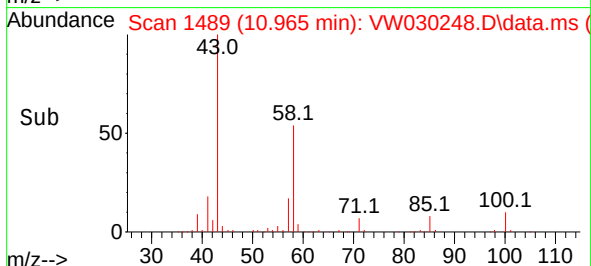
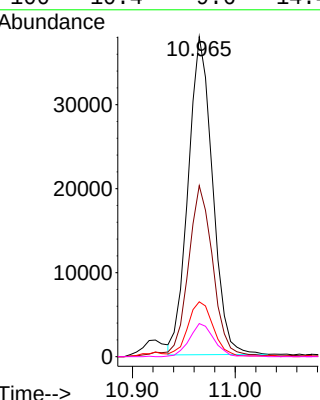
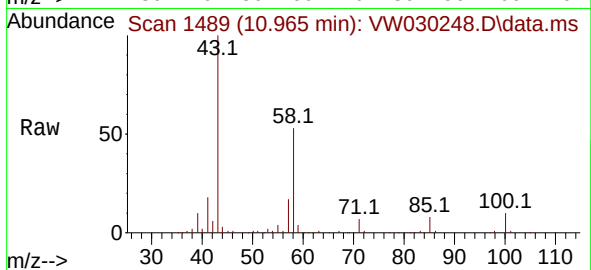
Ion Ratio Lower Upper

43 100

58 54.1 44.8 67.2

57 18.3 15.4 23.2

100 10.4 9.6 14.4



#49

Dibromochloromethane

Concen: 27.010 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW030248.D

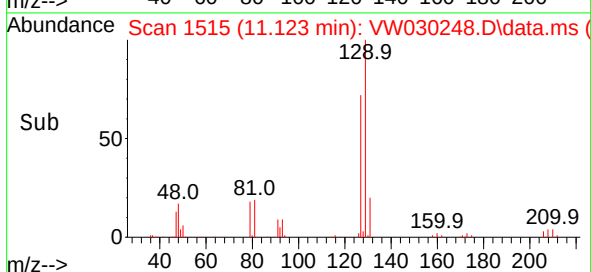
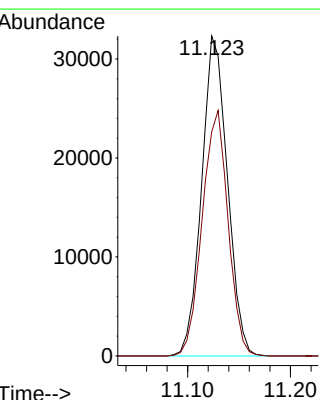
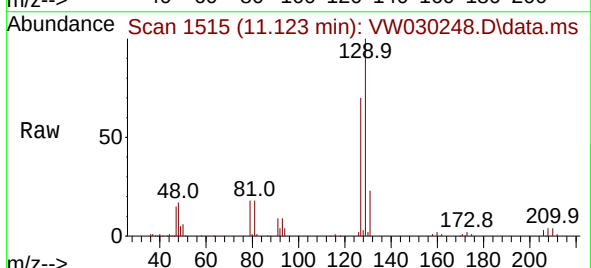
Acq: 25 Sep 2024 17:20

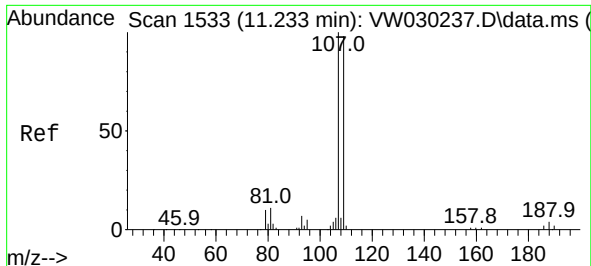
Tgt Ion:129 Resp: 56285

Ion Ratio Lower Upper

129 100

127 70.1 54.2 100.6





#50

1,2-Dibromoethane

Concen: 26.482 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030248.D

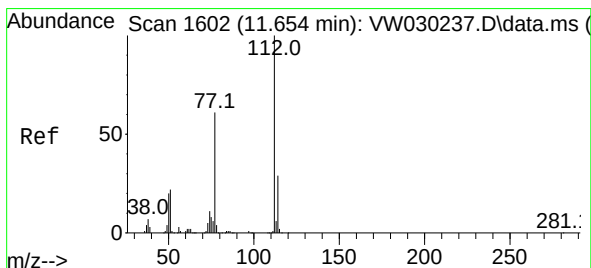
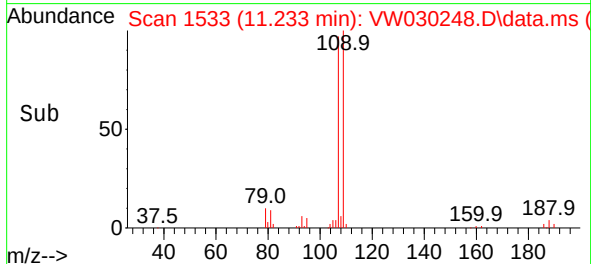
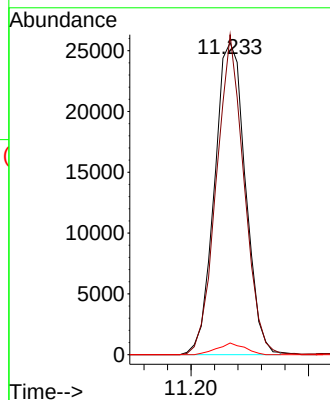
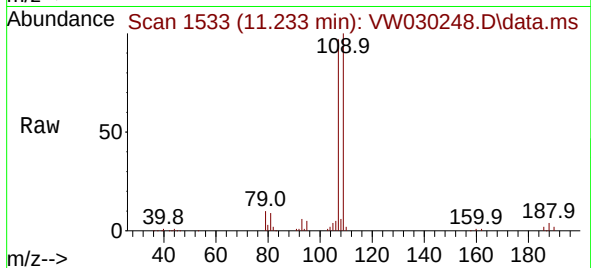
Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	46753
Ion Ratio	Lower	Upper
107	100	
109	102.6	68.7 127.7
188	3.7	2.6 4.0



#51

Chlorobenzene

Concen: 26.843 ug/L

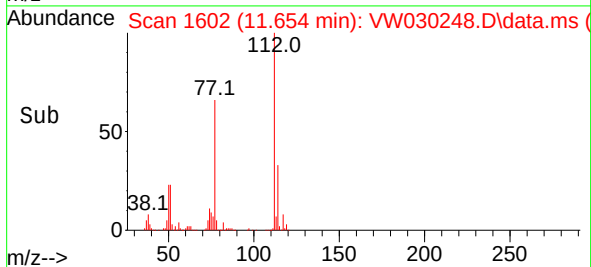
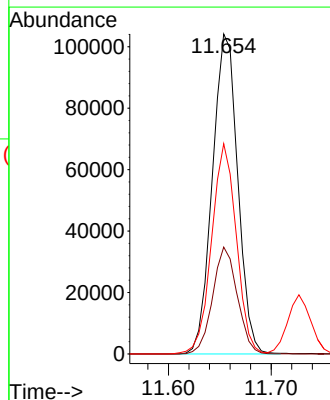
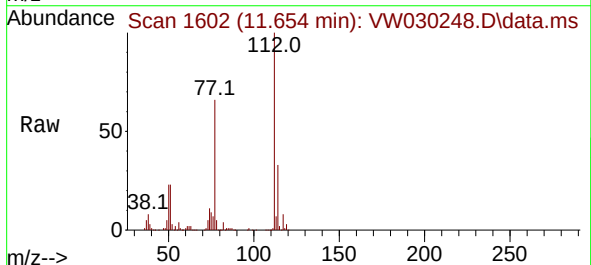
RT: 11.654 min Scan# 1602

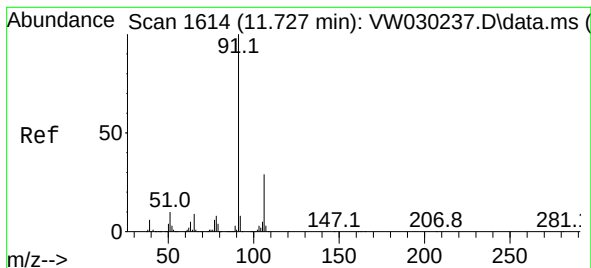
Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Tgt Ion:112	Resp:	178607
Ion Ratio	Lower	Upper
112	100	
114	33.4	23.8 44.2
77	65.7	52.9 79.3





#52

Ethylbenzene

Concen: 27.976 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

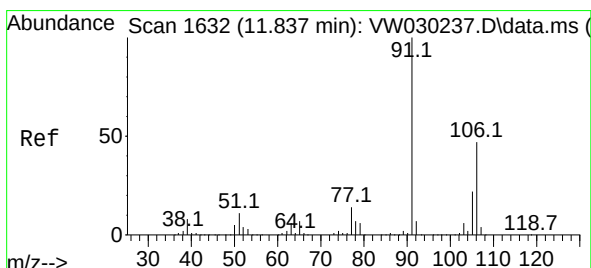
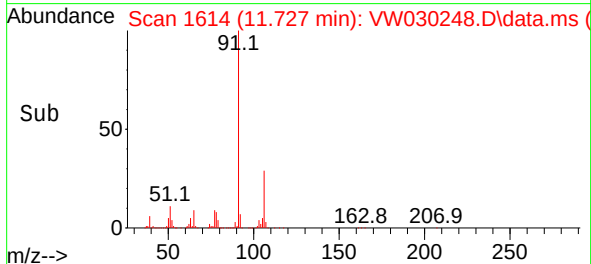
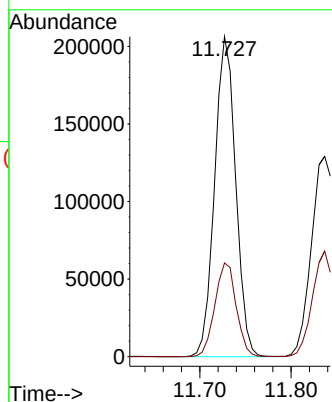
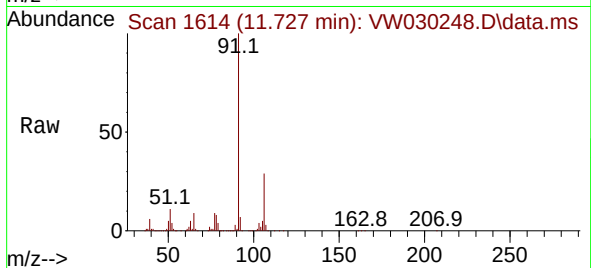
ClientSampleId :

Tgt Ion: 91 Resp: 329889

Ion Ratio Lower Upper

91 100

106 29.3 21.9 40.7



#53

m,p-Xylene

Concen: 27.996 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030248.D

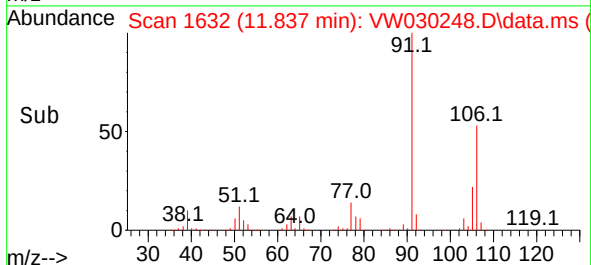
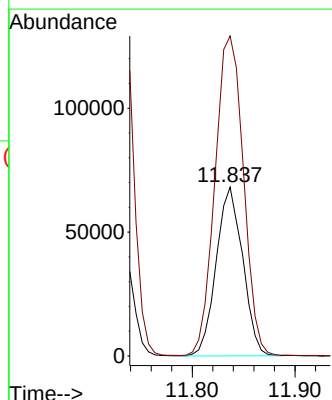
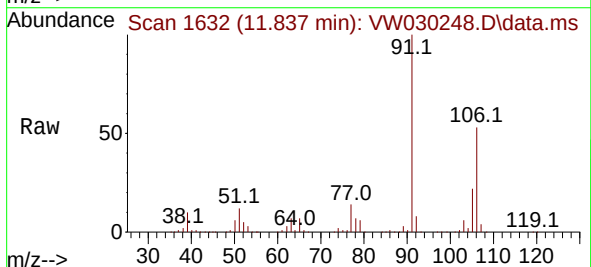
Acq: 25 Sep 2024 17:20

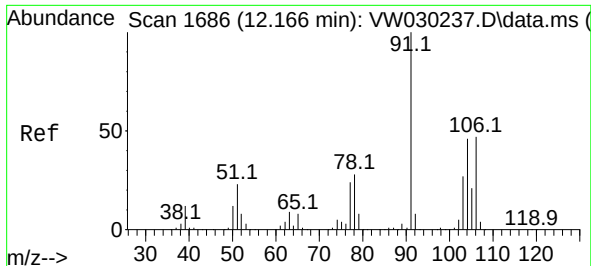
Tgt Ion:106 Resp: 121803

Ion Ratio Lower Upper

106 100

91 189.6 152.9 283.9

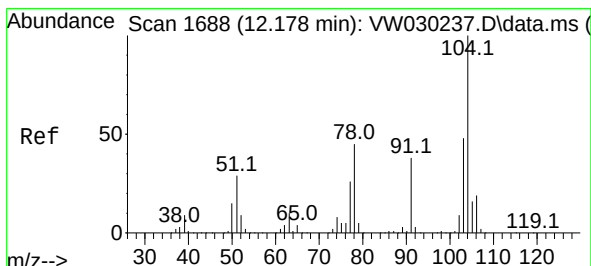
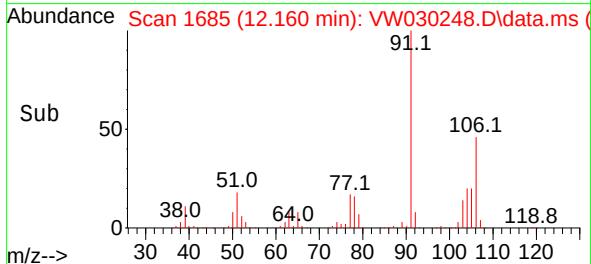
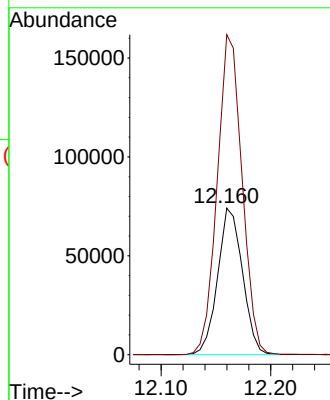
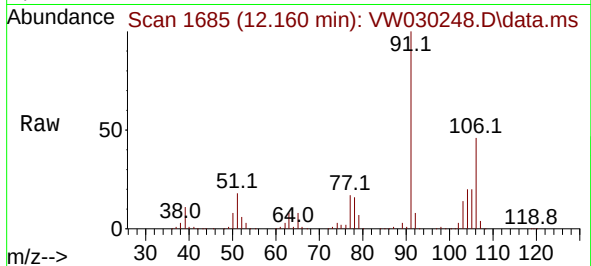




#54
o-Xylene
Concen: 28.549 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

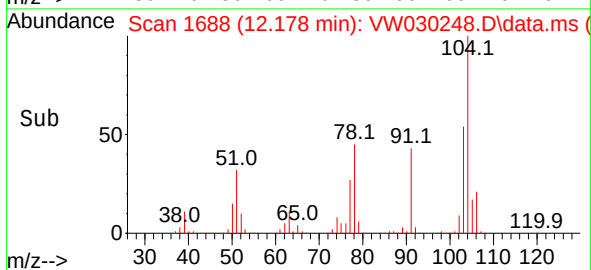
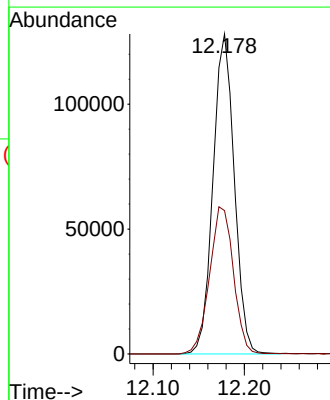
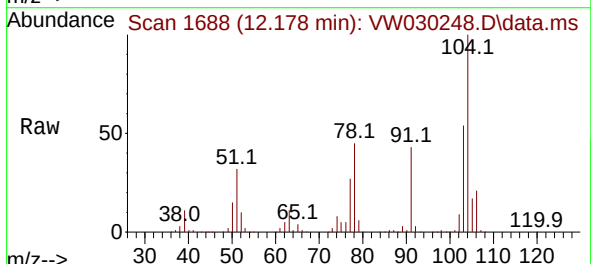
Instrument :
MSVOA_W
ClientSampleId :

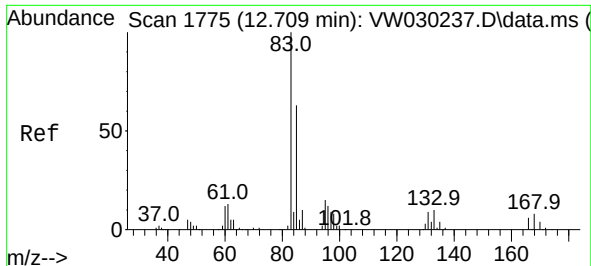
Tgt Ion:106 Resp: 116882
Ion Ratio Lower Upper
106 100
91 218.2 158.1 293.7



#55
Styrene
Concen: 29.247 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Tgt Ion:104 Resp: 207696
Ion Ratio Lower Upper
104 100
78 44.8 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 27.919 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030248.D

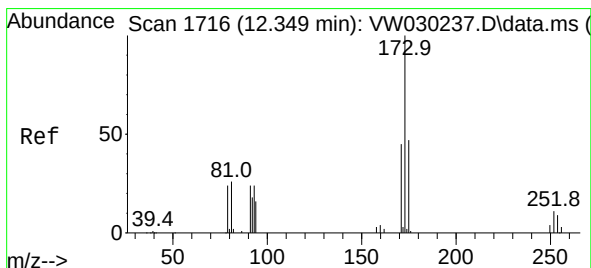
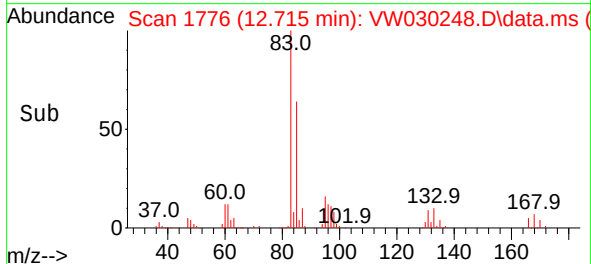
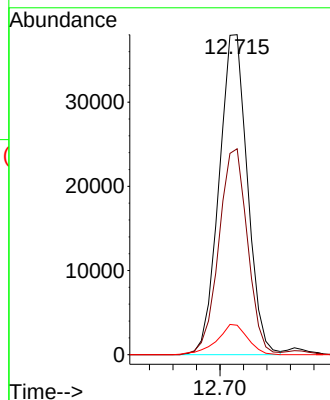
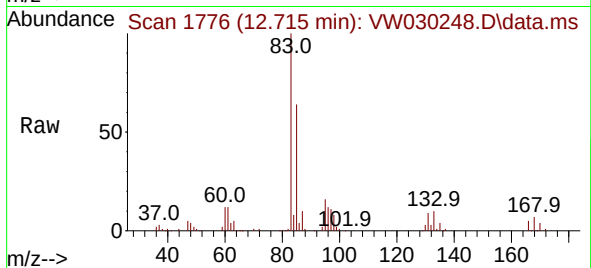
Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	63805
Ion Ratio	Lower	Upper	
83	100		
85	64.4	44.5	82.7
131	9.2	7.4	11.2



#59

Bromoform

Concen: 25.250 ug/L

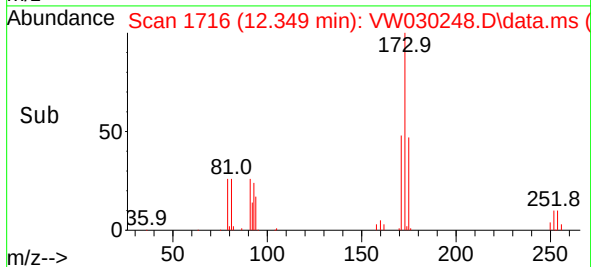
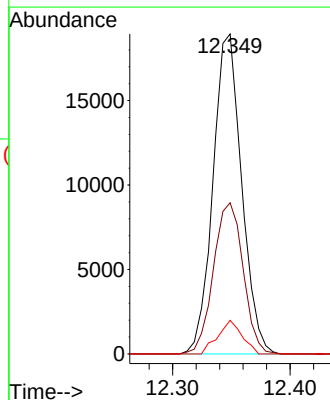
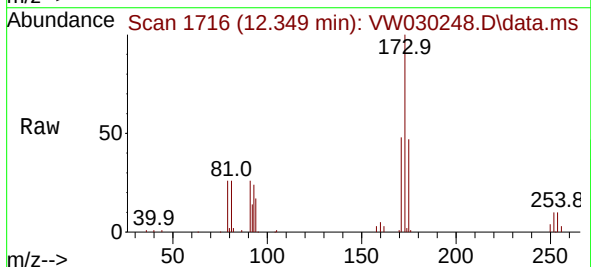
RT: 12.349 min Scan# 1716

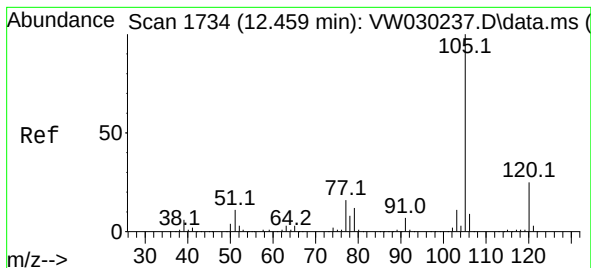
Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Tgt Ion:	173	Resp:	32109
Ion Ratio	Lower	Upper	
173	100		
175	48.9	38.6	57.8
254	8.8	7.7	11.5





#60

Isopropylbenzene

Concen: 26.953 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :

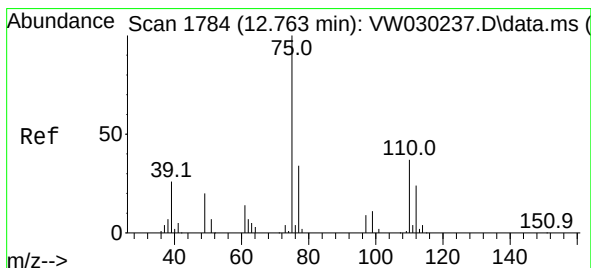
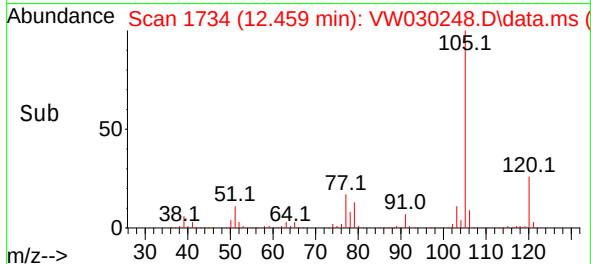
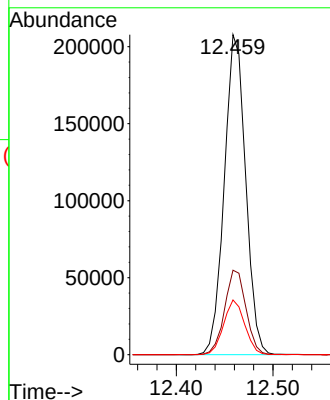
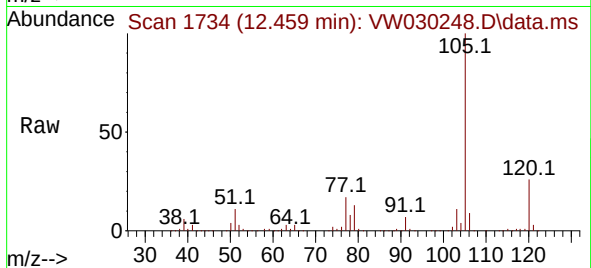
Tgt Ion:105 Resp: 318854

Ion Ratio Lower Upper

105 100

120 26.5 20.2 30.2

77 17.0 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 26.861 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

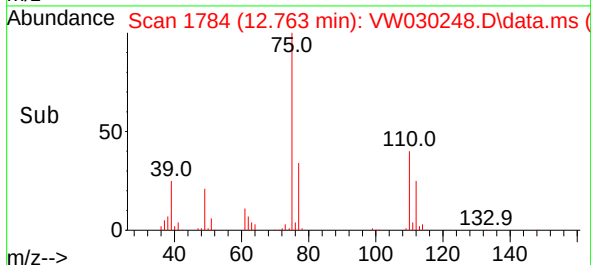
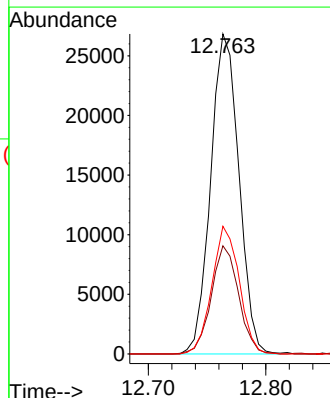
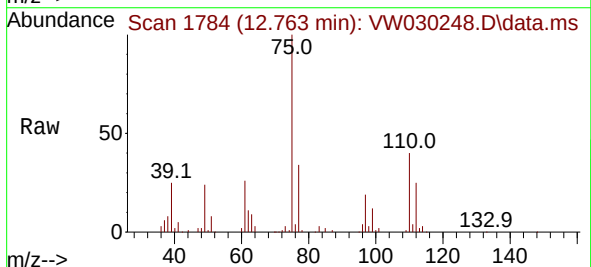
Tgt Ion: 75 Resp: 44899

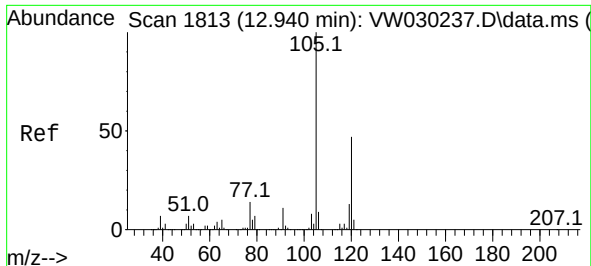
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 38.5 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 29.967 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

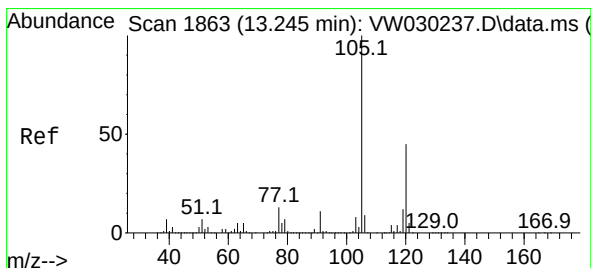
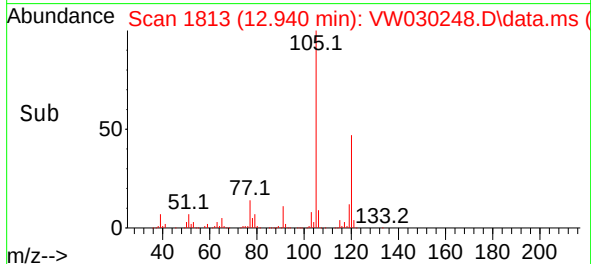
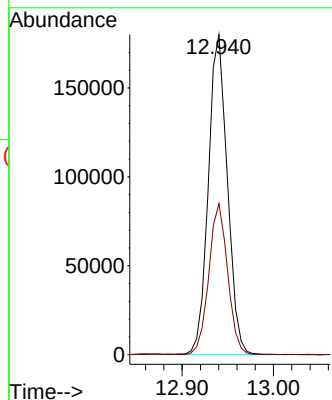
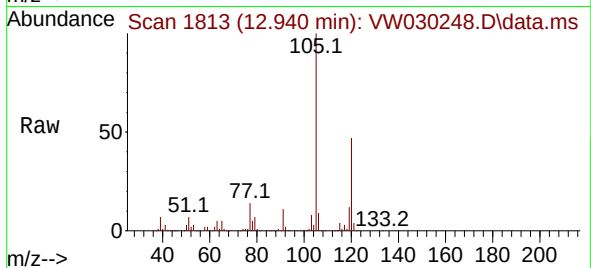
ClientSampleId :

Tgt Ion:105 Resp: 259830

Ion Ratio Lower Upper

105 100

120 46.7 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 28.323 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030248.D

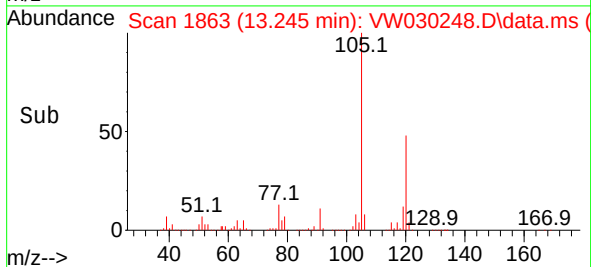
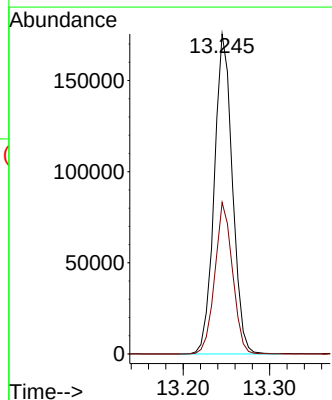
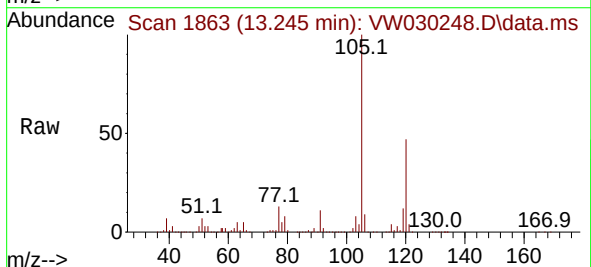
Acq: 25 Sep 2024 17:20

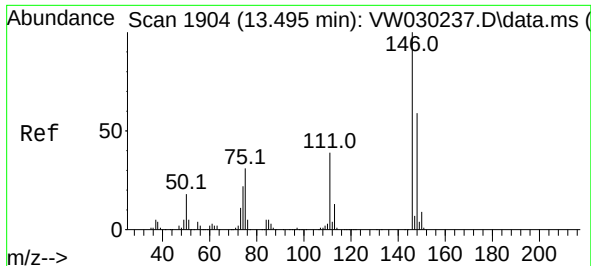
Tgt Ion:105 Resp: 255305

Ion Ratio Lower Upper

105 100

120 46.1 34.8 52.2

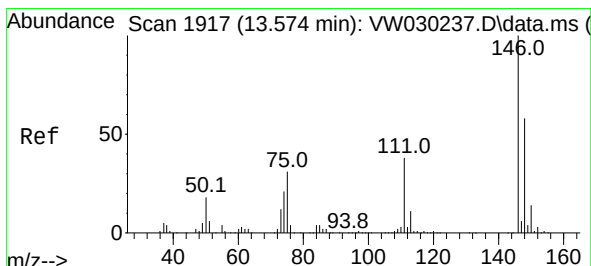
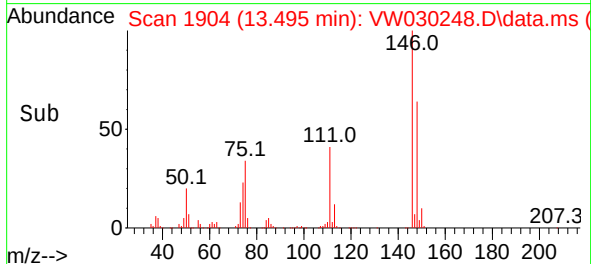
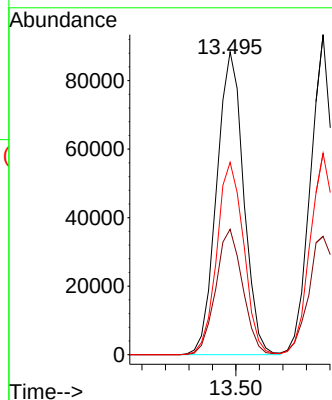
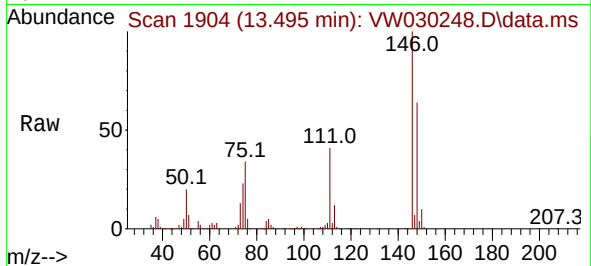




#64
1,3-Dichlorobenzene
Concen: 26.905 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

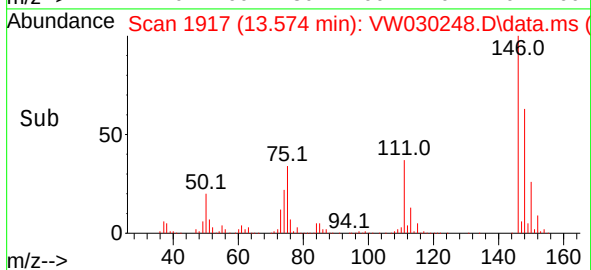
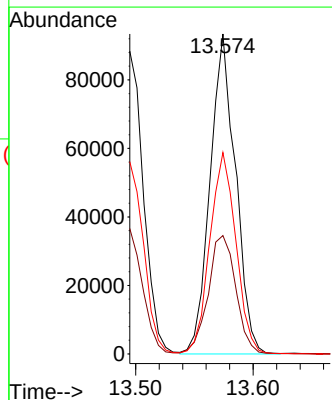
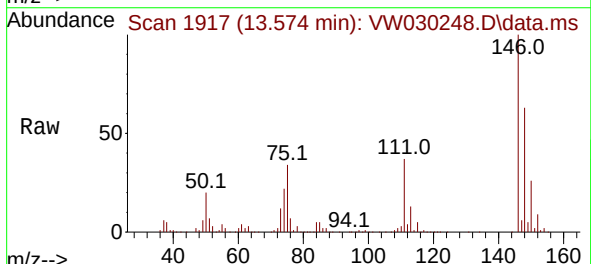
Instrument :
MSVOA_W
ClientSampleId :

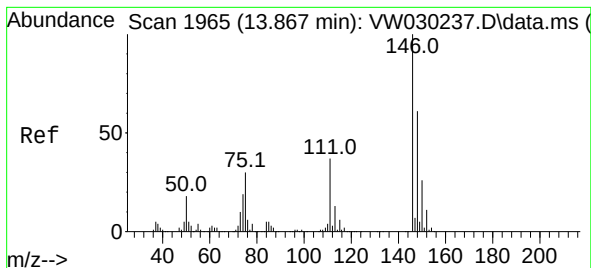
Tgt Ion:146 Resp: 141062
Ion Ratio Lower Upper
146 100
111 41.4 31.9 59.3
148 63.5 47.7 88.5



#65
1,4-Dichlorobenzene
Concen: 25.977 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Tgt Ion:146 Resp: 140711
Ion Ratio Lower Upper
146 100
111 37.0 29.5 54.7
148 62.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 26.276 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :

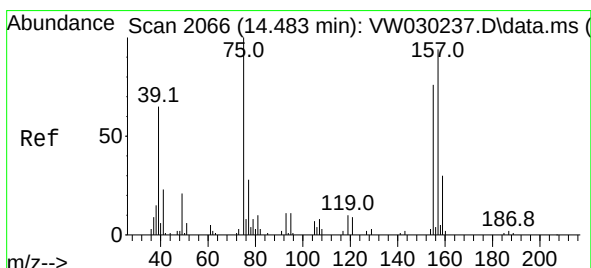
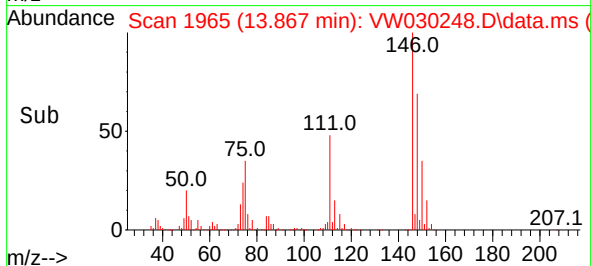
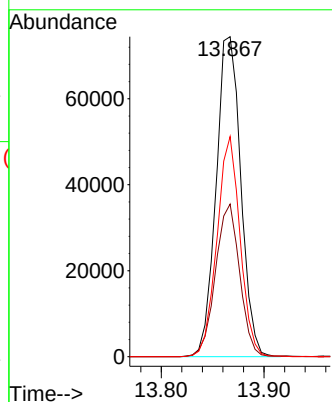
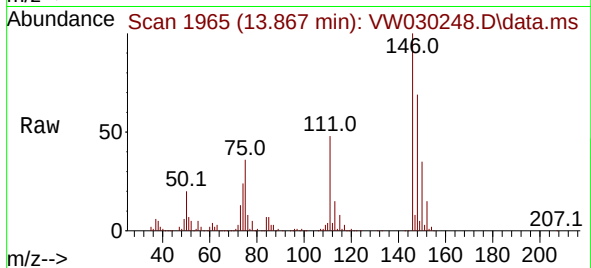
Tgt Ion:146 Resp: 124156

Ion Ratio Lower Upper

146 100

111 47.7 32.7 49.1

148 68.8 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.383 ug/L

RT: 14.477 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

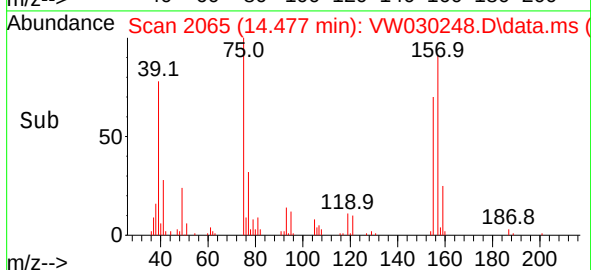
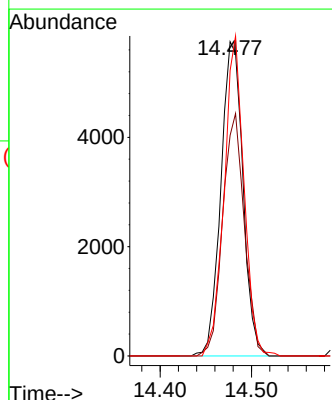
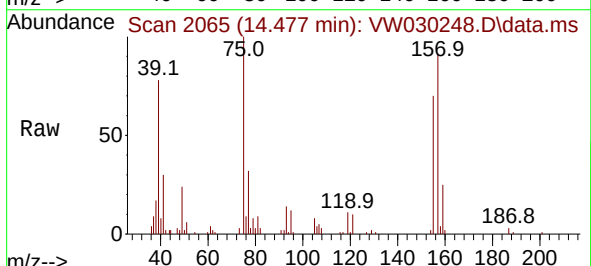
Tgt Ion: 75 Resp: 9618

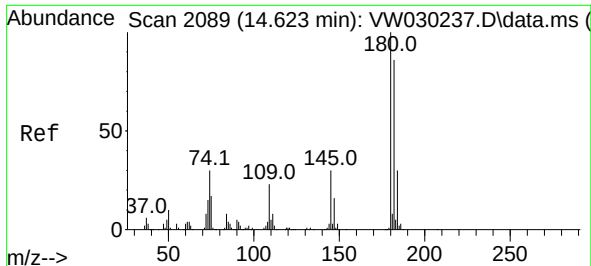
Ion Ratio Lower Upper

75 100

155 70.2 60.5 90.7

157 90.8 66.9 100.3





#69

1,3,5-Trichlorobenzene

Concen: 24.359 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 89146

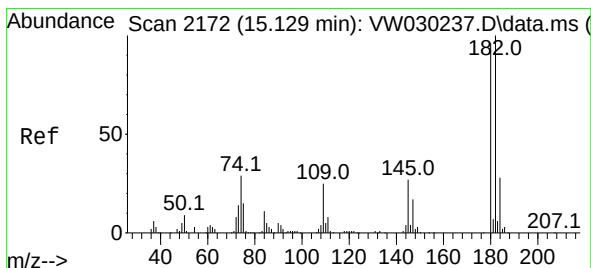
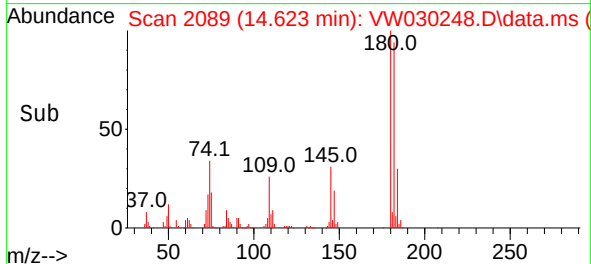
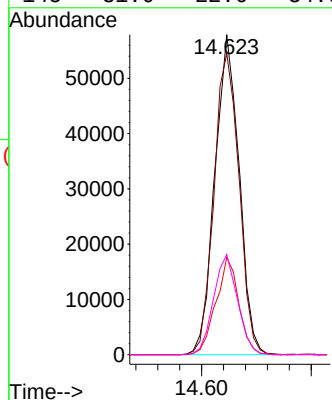
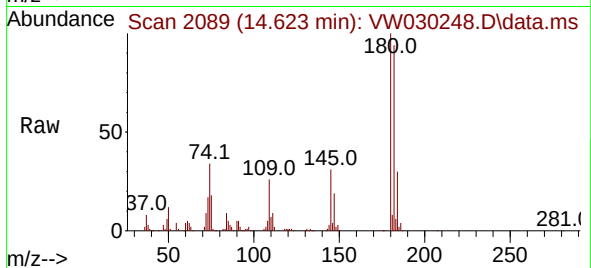
Ion Ratio Lower Upper

180 100

182 96.7 75.5 113.3

184 28.6 23.4 35.0

145 31.0 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 25.470 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030248.D

Acq: 25 Sep 2024 17:20

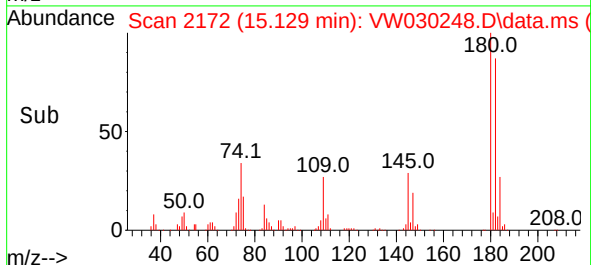
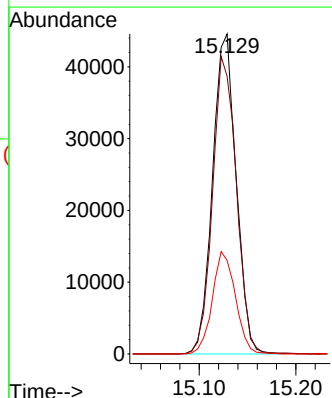
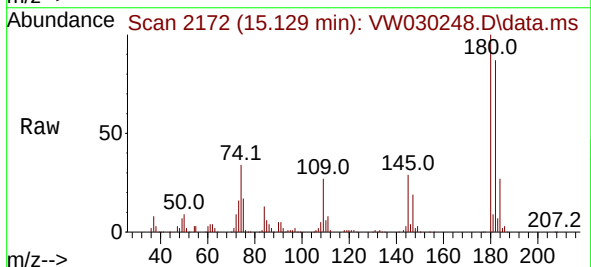
Tgt Ion:180 Resp: 75503

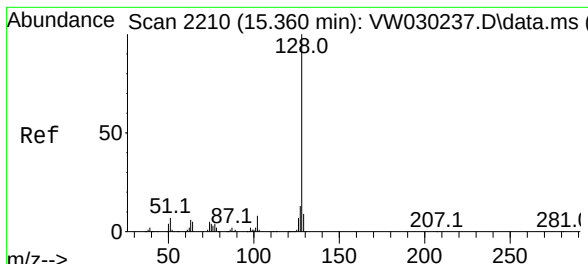
Ion Ratio Lower Upper

180 100

182 93.8 73.4 110.2

145 31.4 24.0 36.0



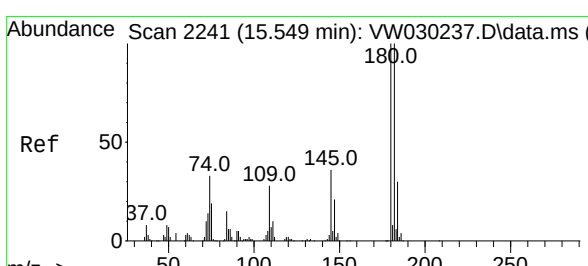
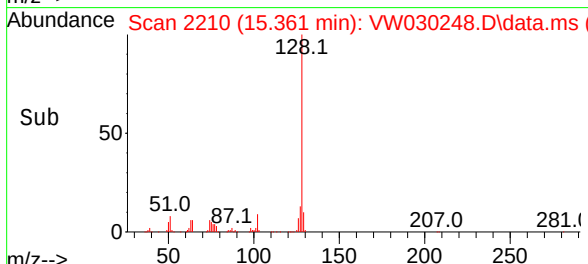
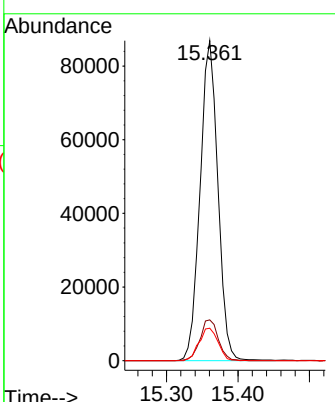
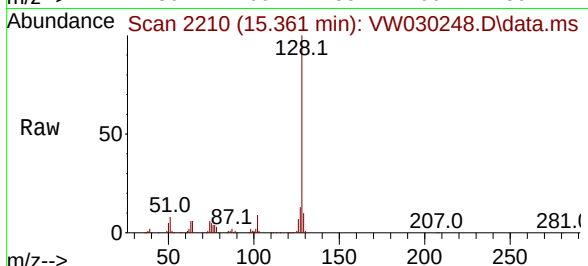


#71
Naphthalene
Concen: 27.916 ug/L
RT: 15.361 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 150275

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	10.8	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 26.767 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030248.D
Acq: 25 Sep 2024 17:20

Tgt Ion:180 Resp: 69582

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.4	114.6
145	32.8	26.2	39.4

