

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101624\
 Data File : VW030612.D
 Acq On : 16 Oct 2024 14:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 01:44:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 16 01:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	247850	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	235289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	81835	21.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
7) Chloroethane-d5	2.899	69	74860	25.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.560%
11) 1,1-Dichloroethene-d2	4.021	65	30570	18.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.480%
21) 2-Butanone-d5	7.075	46	36520	52.089	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.180%
24) Chloroform-d	7.648	84	187891	26.508	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.040%
26) 1,2-Dichloroethane-d4	8.301	65	94723	25.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	8.270	84	328883	24.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	9.270	67	101530	25.331	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	10.319	98	297836	23.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	10.575	79	38891	23.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.680%
47) 2-Hexanone-d5	10.922	63	28627	55.451	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81667	27.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	98118	23.824	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	71814	22.678	ug/L	94
3) Chloromethane	2.222	50	94216	25.599	ug/L	97
5) Vinyl chloride	2.375	62	118104	26.094	ug/L	96
6) Bromomethane	2.789	94	80631	27.066	ug/L	94
8) Chloroethane	2.936	64	77928	28.165	ug/L	100
9) Trichlorofluoromethane	3.259	101	88321	21.809	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	90259	24.772	ug/L #	67
12) 1,1-Dichloroethene	4.039	96	79708	23.970	ug/L	94
13) Acetone	4.118	43	38355	37.367	ug/L	95
14) Carbon disulfide	4.387	76	246913	22.738	ug/L	99
15) Methyl Acetate	4.667	43	33434	26.369	ug/L	99
16) Methylene chloride	4.917	84	92696	24.739	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	91981	25.634	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	122273	24.348	ug/L	99
19) 1,1-Dichloroethane	6.216	63	182959	27.435	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	100537	26.269	ug/L	96
22) 2-Butanone	7.167	43	48832	44.135	ug/L	99
23) Bromochloromethane	7.514	128	43199	25.801	ug/L	89
25) Chloroform	7.673	83	195374	27.414	ug/L	100

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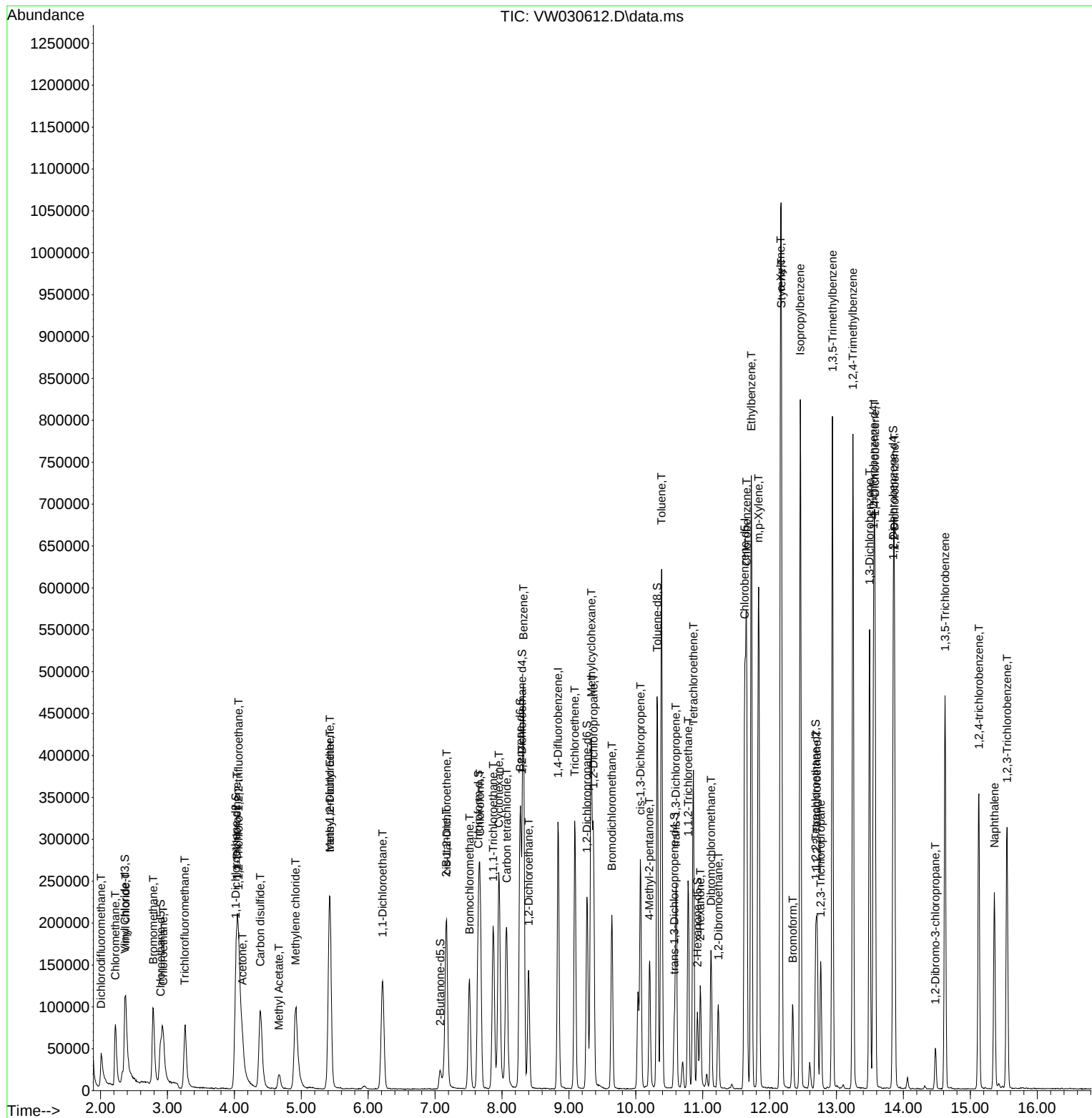
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27) 1,2-Dichloroethane	8.398	62	125485	26.690	ug/L	100
29) Cyclohexane	7.953	56	136561	23.843	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	155519	24.899	ug/L	98
31) Carbon tetrachloride	8.069	117	139853	25.070	ug/L	99
33) Benzene	8.319	78	408903	26.706	ug/L	100
34) Trichloroethene	9.087	95	107102	25.143	ug/L	98
35) Methylcyclohexane	9.337	83	159528	23.796	ug/L	99
37) 1,2-Dichloropropane	9.367	63	105513	27.591	ug/L	100
38) Bromodichloromethane	9.642	83	135851	26.701	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	151317	26.233	ug/L	97
40) 4-Methyl-2-pentanone	10.203	43	97656	53.156	ug/L	99
42) Toluene	10.386	91	444222	27.194	ug/L	96
44) trans-1,3-Dichloropropene	10.599	75	124444	25.674	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	72392	26.193	ug/L	96
46) Tetrachloroethene	10.861	164	78580	25.011	ug/L	96
48) 2-Hexanone	10.965	43	74298	49.454	ug/L	97
49) Dibromochloromethane	11.123	129	81551	26.445	ug/L	91
50) 1,2-Dibromoethane	11.233	107	65071	25.232	ug/L #	97
51) Chlorobenzene	11.654	112	266500	25.344	ug/L	96
52) Ethylbenzene	11.727	91	494767	26.544	ug/L	99
53) m,p-Xylene	11.837	106	188094	26.936	ug/L	99
54) o-Xylene	12.166	106	172142	26.664	ug/L	87
55) Styrene	12.178	104	304655	27.604	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	84669	27.166	ug/L	96
59) Bromoform	12.349	173	43184	25.252	ug/L	98
60) Isopropylbenzene	12.458	105	486856	25.828	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59721	25.214	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	392243	26.376	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	385073	26.447	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	206733	25.196	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	210387	24.833	ug/L	86
67) 1,2-Dichlorobenzene	13.867	146	182784	25.317	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12402	23.483	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	126460	23.373	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	103711	23.811	ug/L	99
71) Naphthalene	15.360	128	187420	24.906	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	90444	23.952	ug/L	97

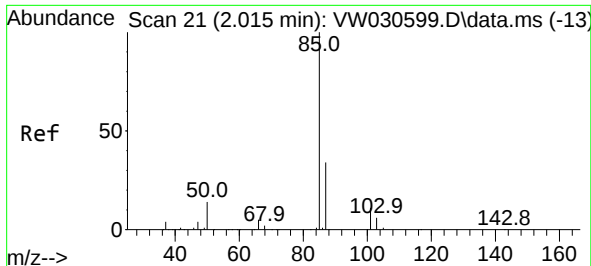
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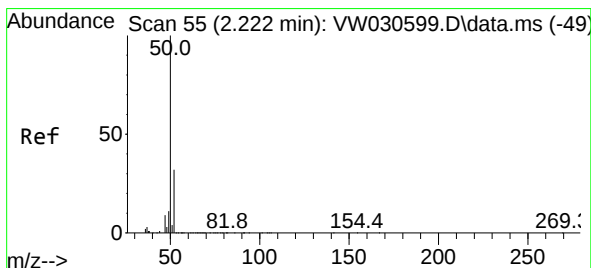
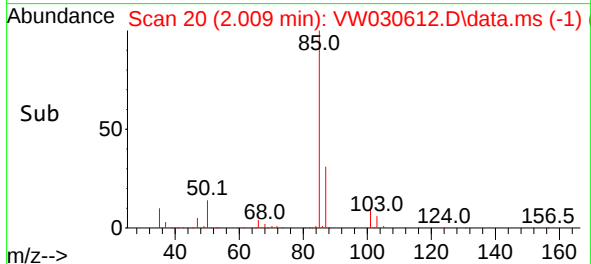
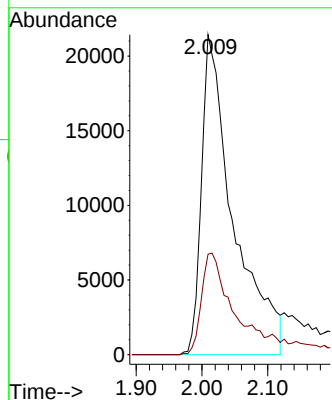
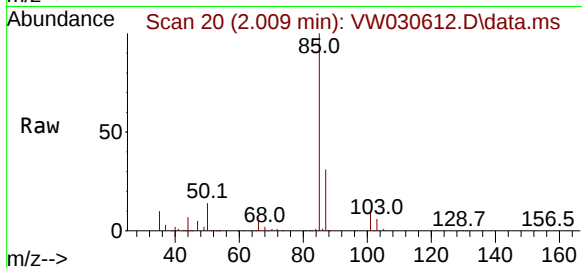




#2
 Dichlorodifluoromethane
 Concen: 22.678 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW030612.D
 Acq: 16 Oct 2024 14:49

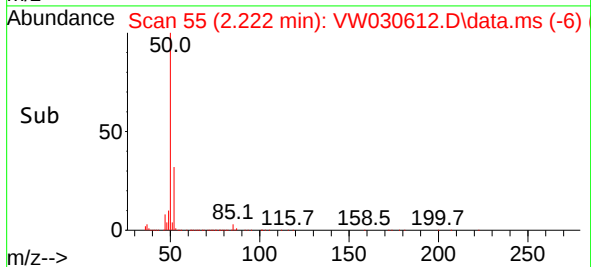
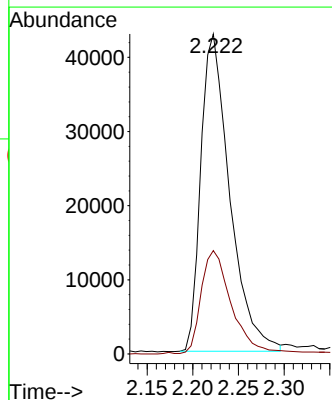
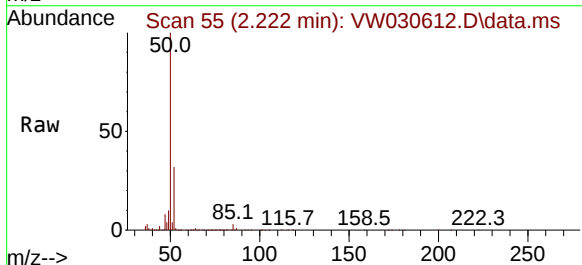
Instrument :
 MSVOA_W
 ClientSampleId :

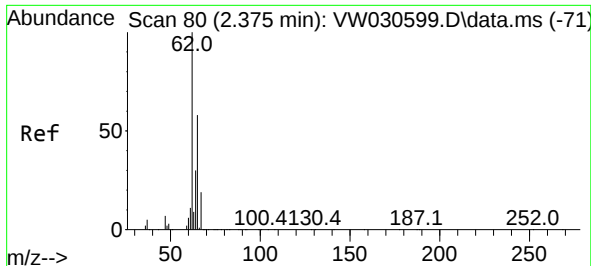
Tgt Ion: 85 Resp: 71814
 Ion Ratio Lower Upper
 85 100
 87 26.6 23.8 35.6



#3
 Chloromethane
 Concen: 25.599 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030612.D
 Acq: 16 Oct 2024 14:49

Tgt Ion: 50 Resp: 94216
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.7 43.9

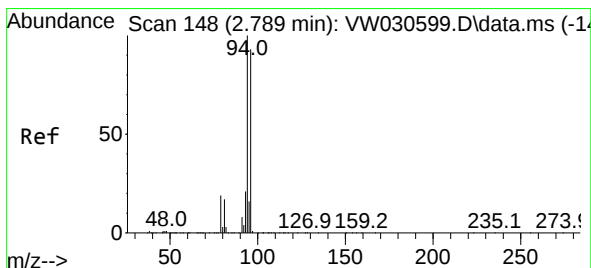
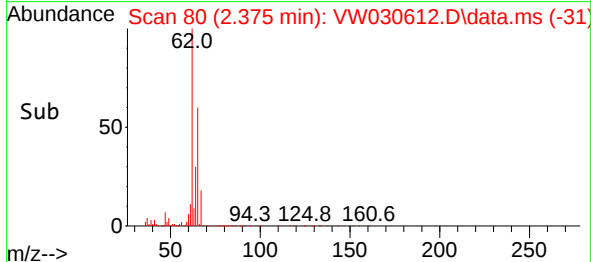
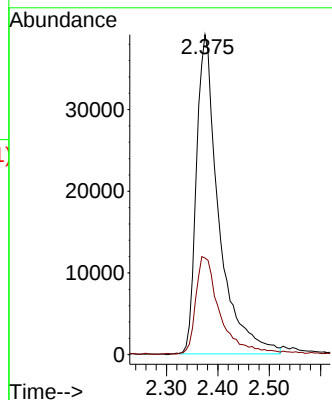
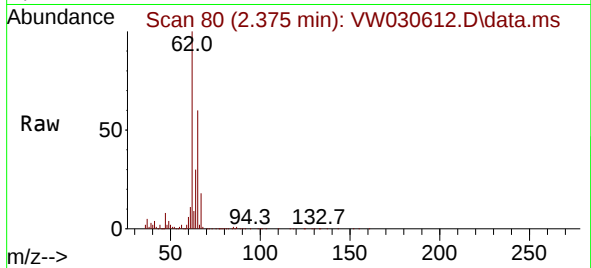




#5
 Vinyl chloride
 Concen: 26.094 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030612.D
 Acq: 16 Oct 2024 14:49

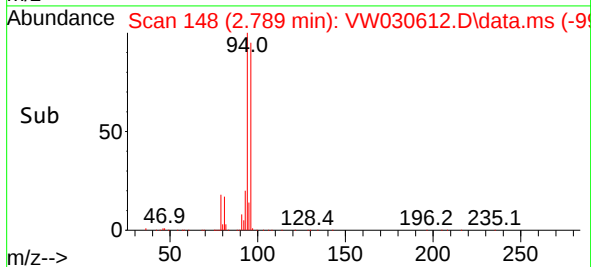
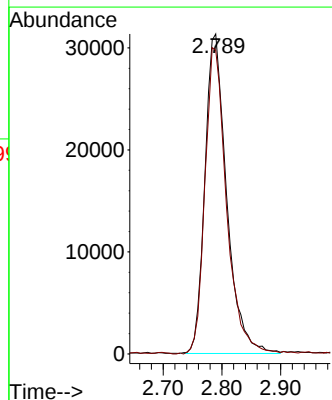
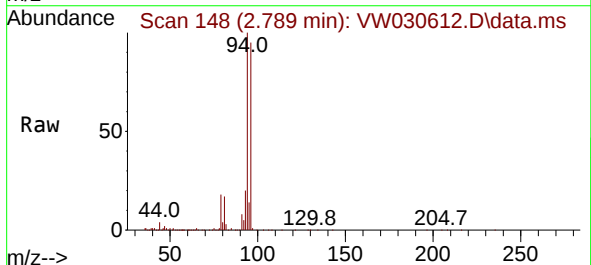
Instrument :
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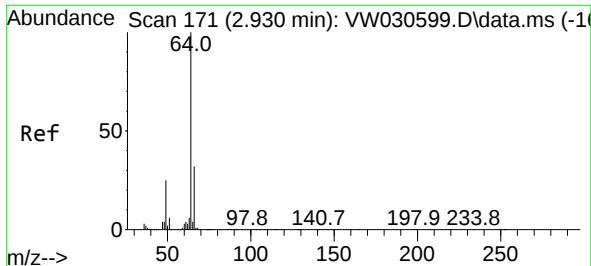
Tgt Ion: 62 Resp: 118104
 Ion Ratio Lower Upper
 62 100
 64 30.2 22.6 42.0



#6
 Bromomethane
 Concen: 27.066 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030612.D
 Acq: 16 Oct 2024 14:49

Tgt Ion: 94 Resp: 80631
 Ion Ratio Lower Upper
 94 100
 96 95.0 62.6 116.2

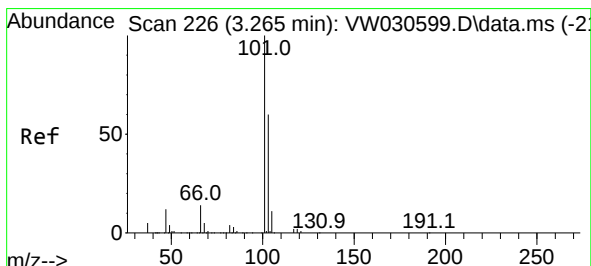
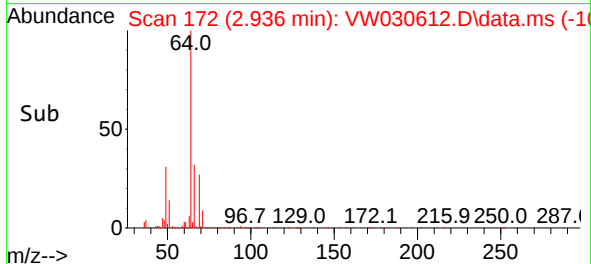
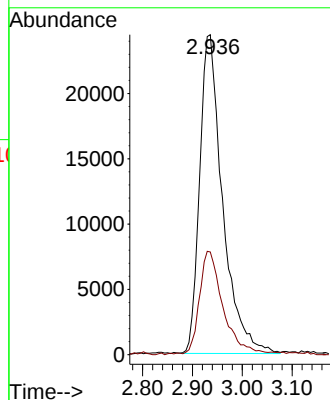
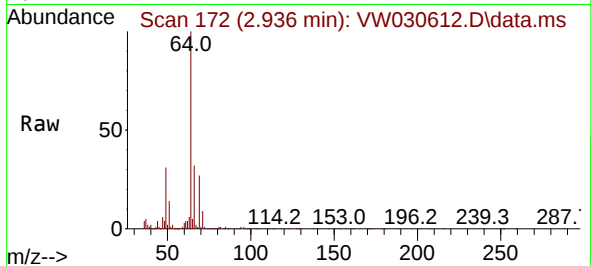




#8
Chloroethane
Concen: 28.165 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

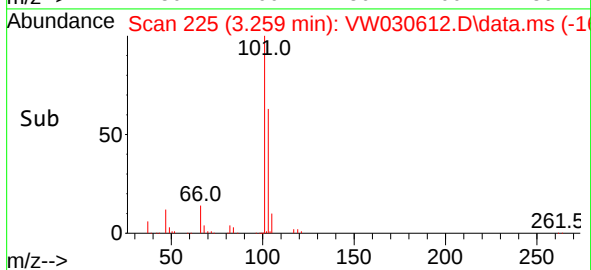
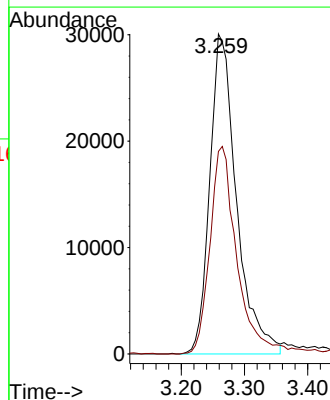
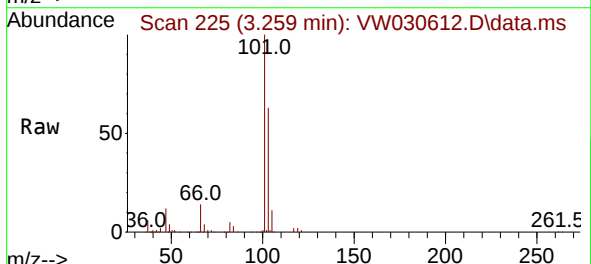
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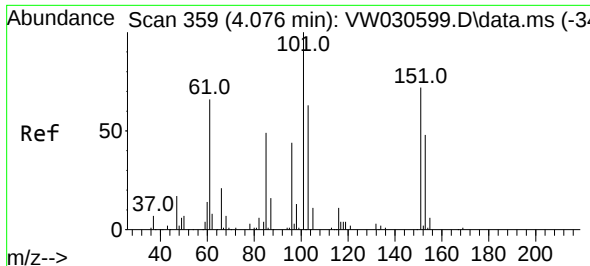
Tgt Ion: 64 Resp: 77928
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.809 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

Tgt Ion:101 Resp: 88321
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7

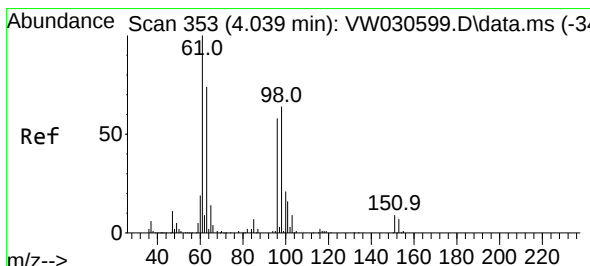
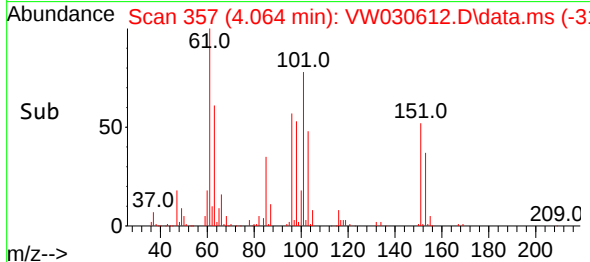
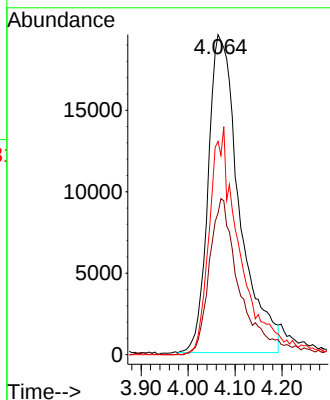
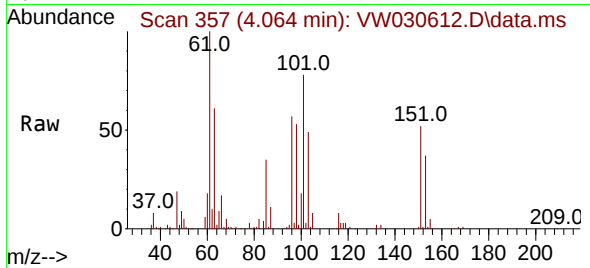




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.772 ug/L
 RT: 4.064 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW030612.D
 Acq: 16 Oct 2024 14:49

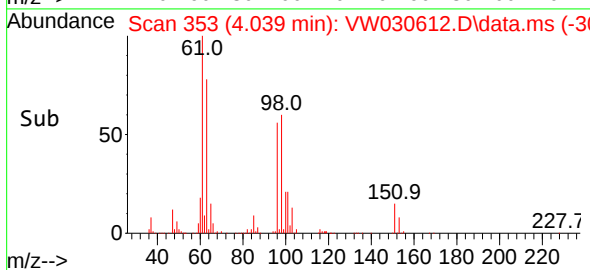
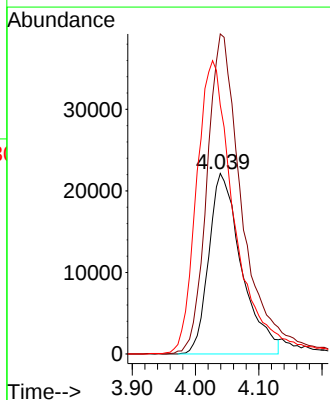
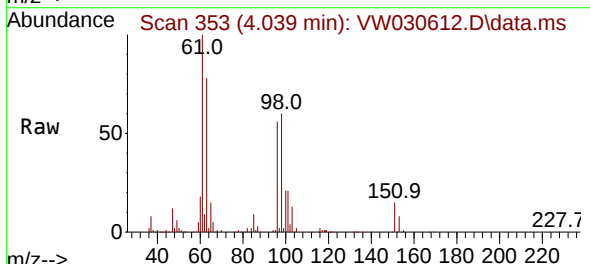
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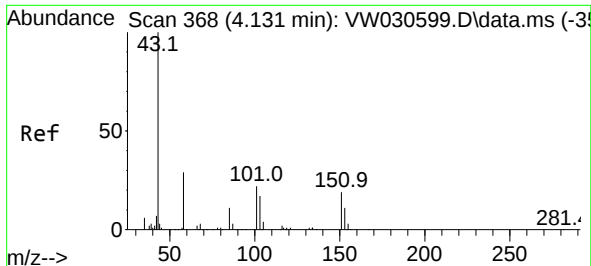
Tgt Ion:101 Resp: 90259
 Ion Ratio Lower Upper
 101 100
 85 41.8 35.7 53.5
 151 28.2 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 23.970 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW030612.D
 Acq: 16 Oct 2024 14:49

Tgt Ion: 96 Resp: 79708
 Ion Ratio Lower Upper
 96 100
 61 177.2 121.3 225.3
 63 137.8 87.6 162.8





#13

Acetone

Concen: 37.367 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.012 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

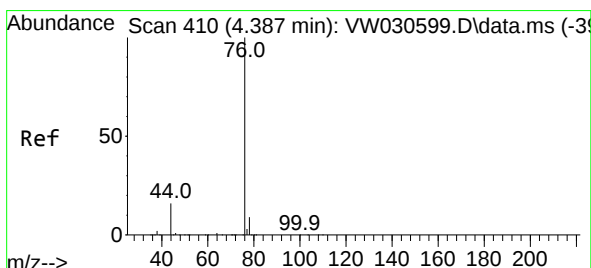
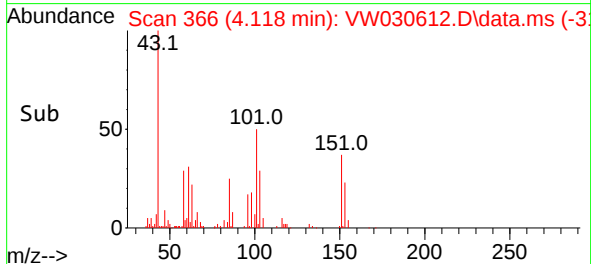
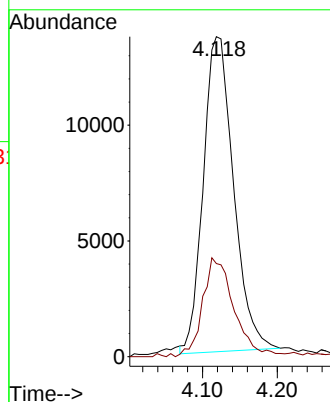
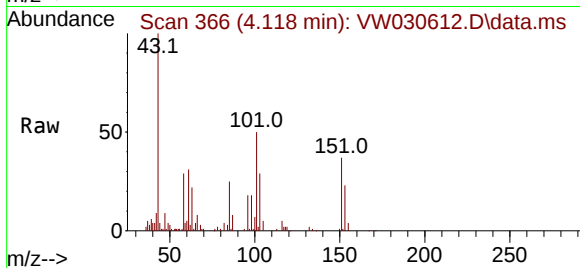
ClientSampleId :

Tgt Ion: 43 Resp: 38355

Ion Ratio Lower Upper

43 100

58 31.5 0.0 57.6



#14

Carbon disulfide

Concen: 22.738 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW030612.D

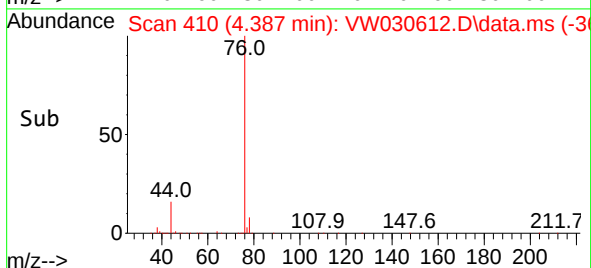
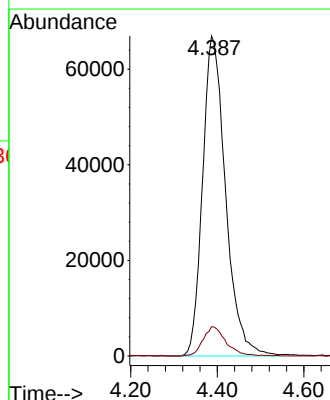
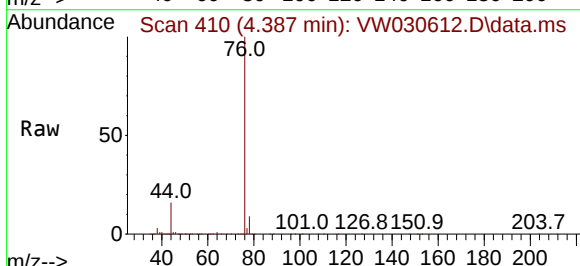
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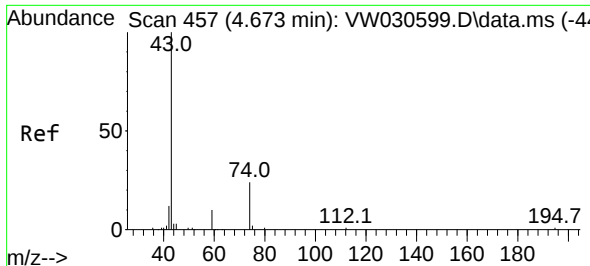
Tgt Ion: 76 Resp: 246913

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

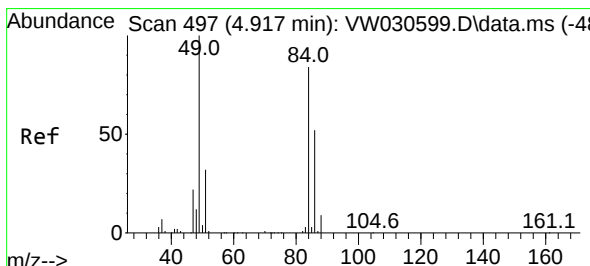
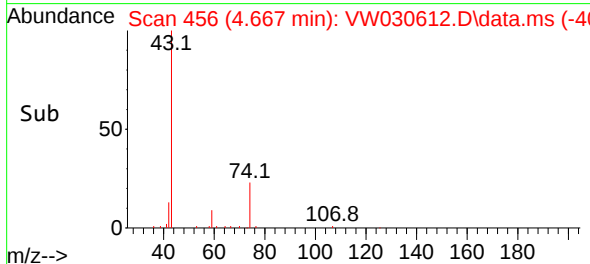
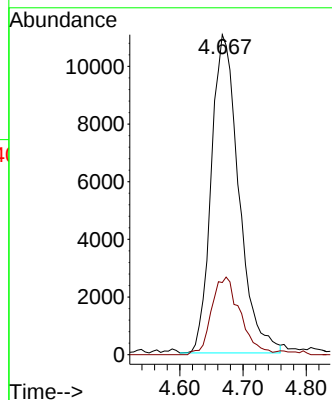
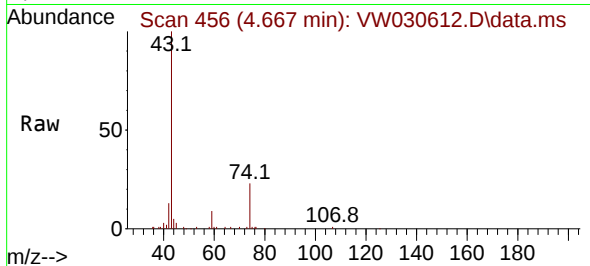




#15
Methyl Acetate
Concen: 26.369 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

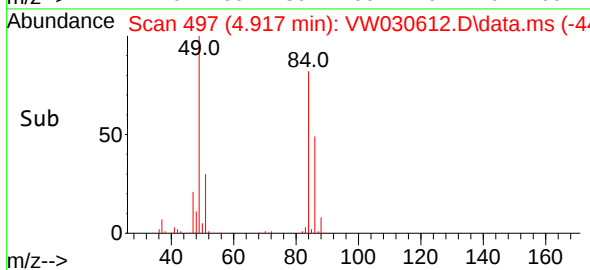
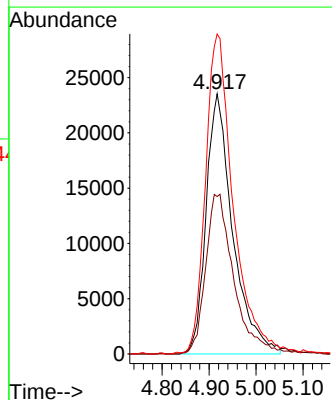
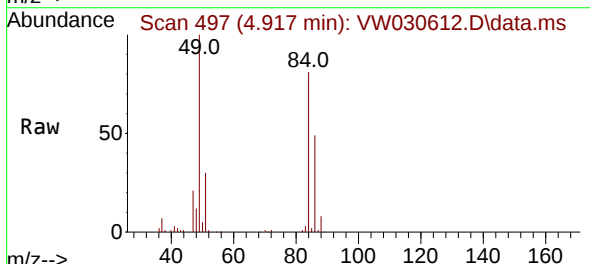
Instrument :
MSVOA_W
ClientSampleId :

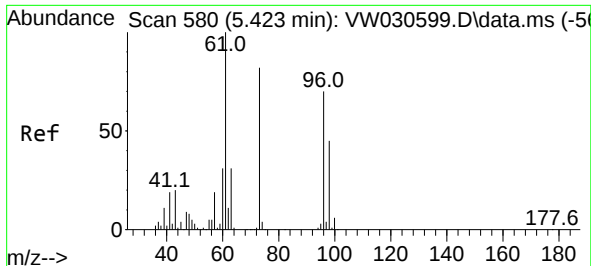
Tgt Ion: 43 Resp: 33434
Ion Ratio Lower Upper
43 100
74 23.6 19.3 28.9



#16
Methylene chloride
Concen: 24.739 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

Tgt Ion: 84 Resp: 92696
Ion Ratio Lower Upper
84 100
86 60.5 43.8 81.3
49 123.0 88.3 164.1

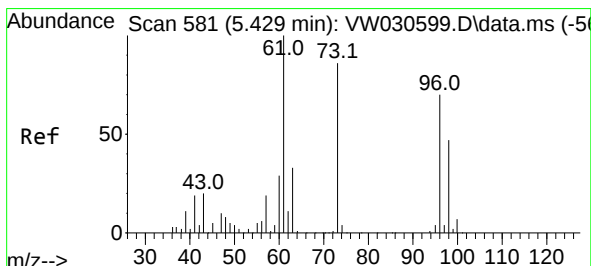
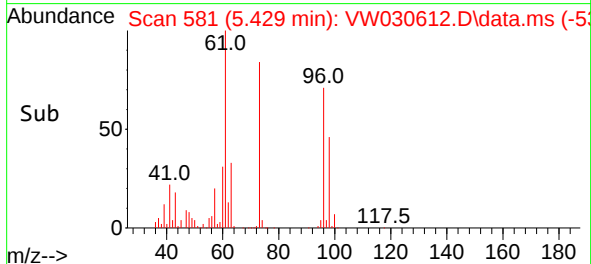
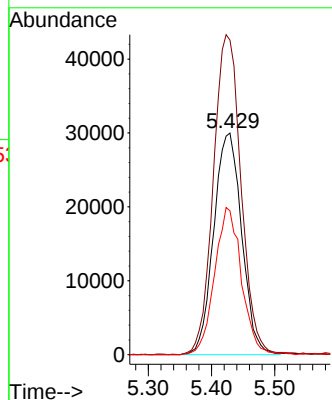
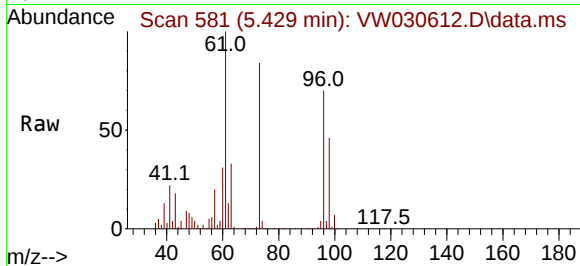




#17
trans-1,2-Dichloroethene
Concen: 25.634 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

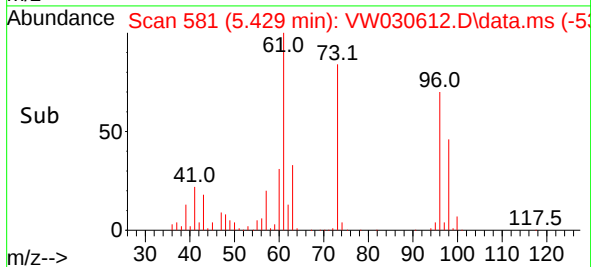
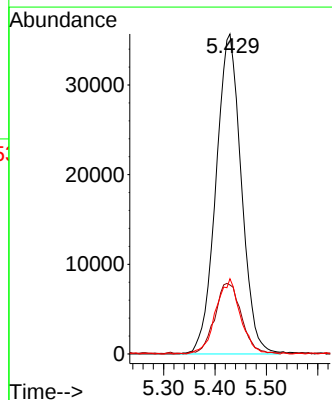
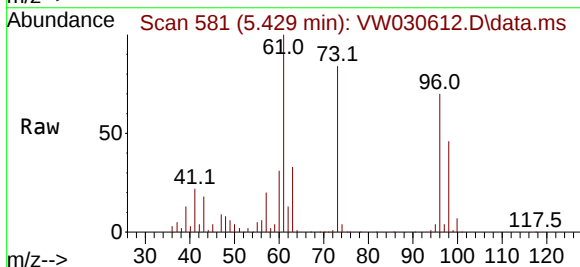
Instrument :
MSVOA_W
ClientSampleId :

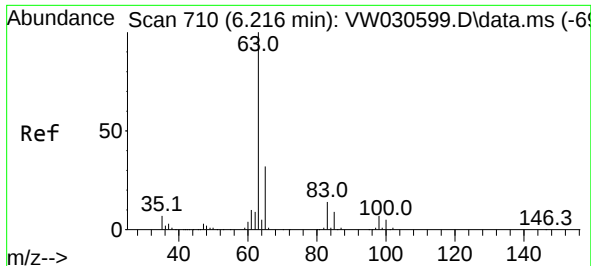
Tgt Ion: 96 Resp: 91981
Ion Ratio Lower Upper
96 100
61 142.0 96.9 179.9
98 64.9 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 24.348 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

Tgt Ion: 73 Resp: 122273
Ion Ratio Lower Upper
73 100
43 22.0 18.1 27.1
57 22.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 27.435 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

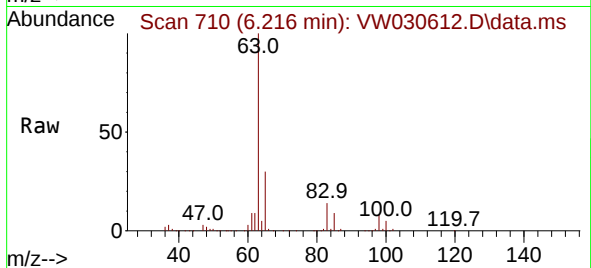
Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :



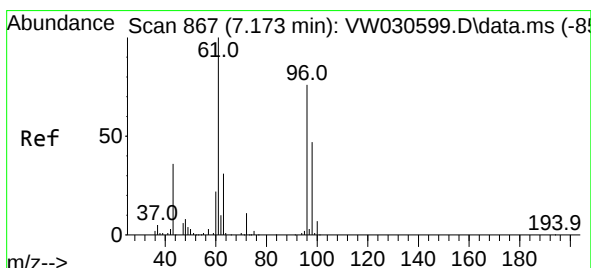
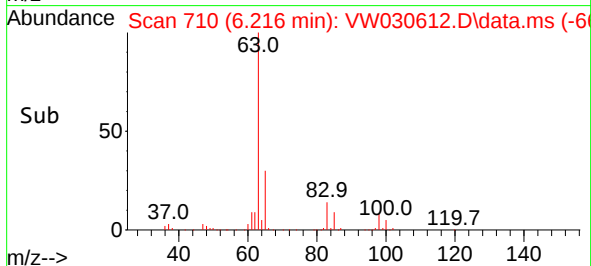
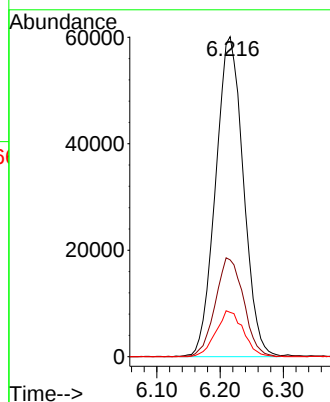
Tgt Ion: 63 Resp: 182959

Ion Ratio Lower Upper

63 100

65 30.3 22.5 41.9

83 13.8 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 26.269 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

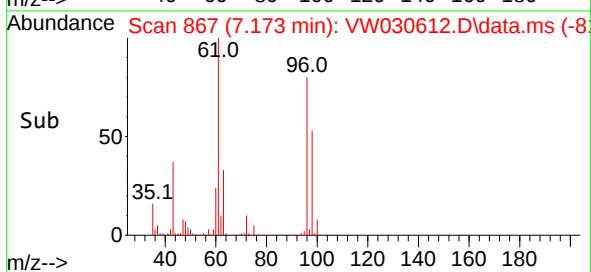
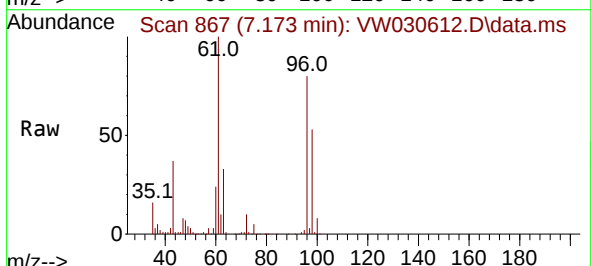
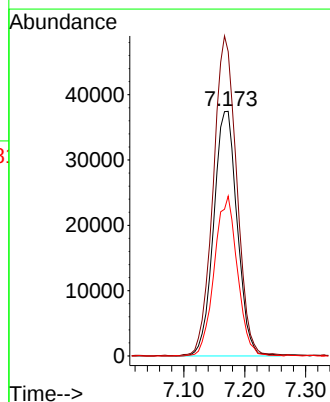
Tgt Ion: 96 Resp: 100537

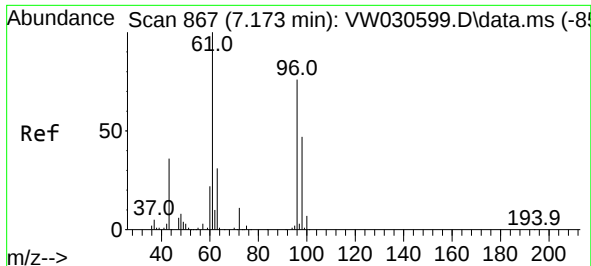
Ion Ratio Lower Upper

96 100

61 124.4 88.3 163.9

98 65.3 41.3 76.7

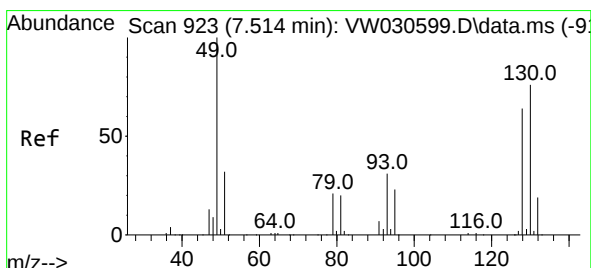
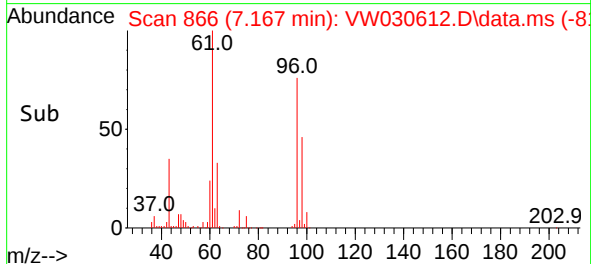
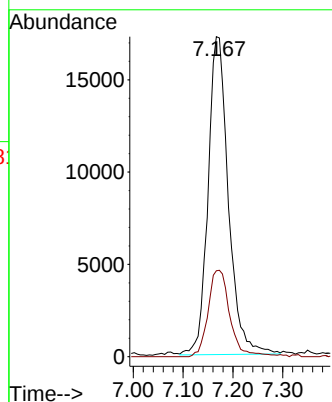
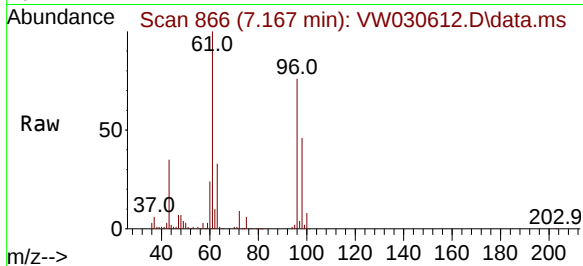




#22
2-Butanone
Concen: 44.135 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

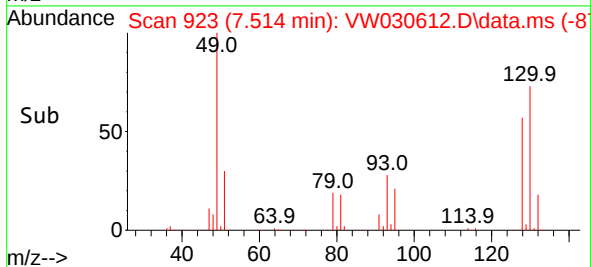
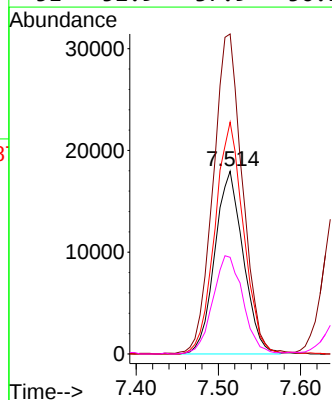
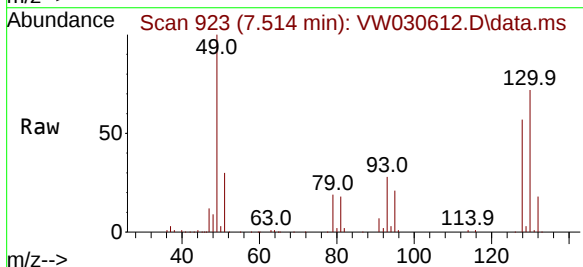
Instrument :
MSVOA_W
ClientSampleId :

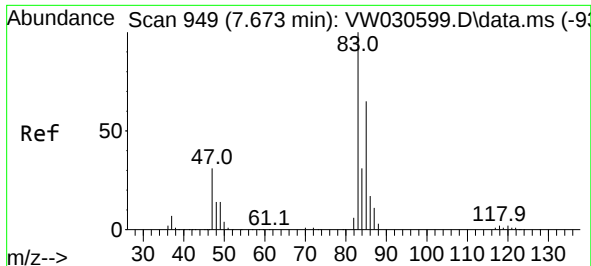
Tgt Ion: 43 Resp: 48832
Ion Ratio Lower Upper
43 100
72 29.1 14.4 43.0



#23
Bromochloromethane
Concen: 25.801 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

Tgt Ion:128 Resp: 43199
Ion Ratio Lower Upper
128 100
49 175.2 110.1 204.5
130 126.9 82.9 153.9
51 52.9 37.9 56.9

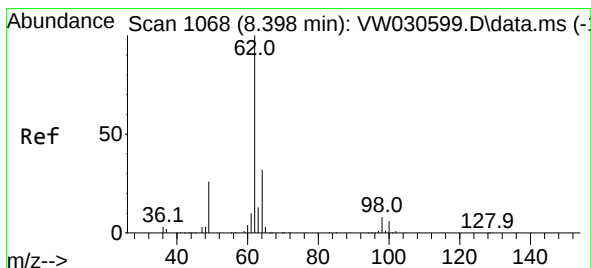
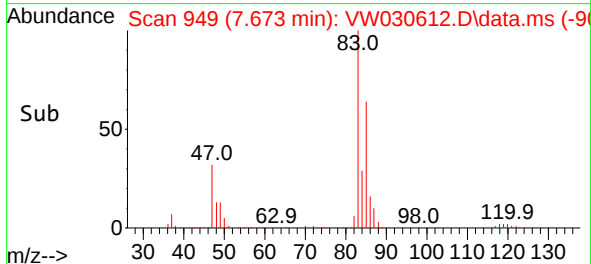
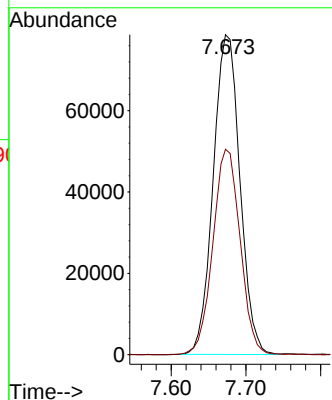
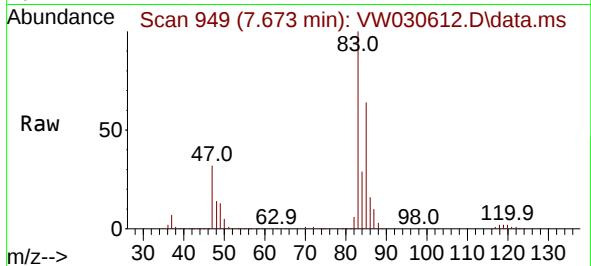




#25
Chloroform
Concen: 27.414 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

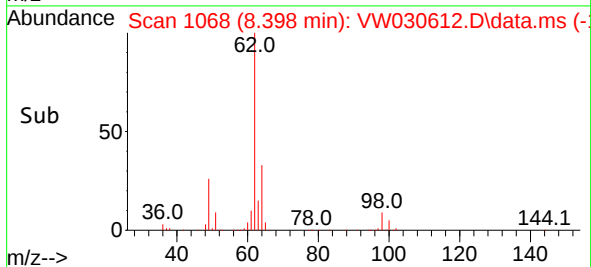
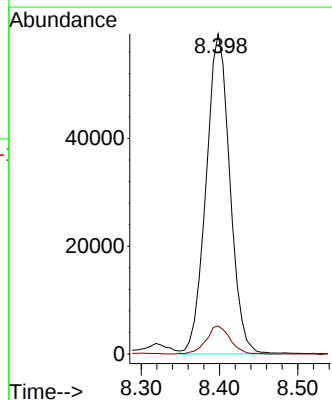
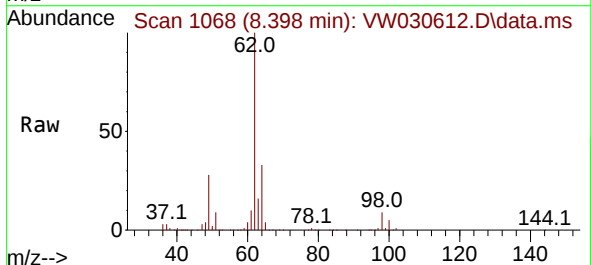
Instrument :
MSVOA_W
ClientSampleId :

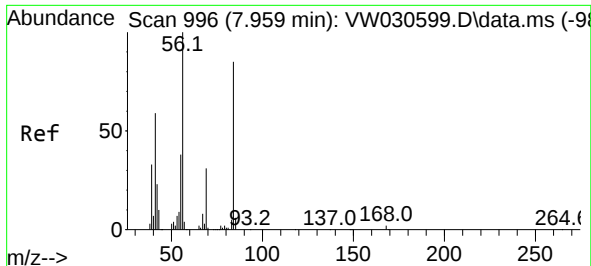
Tgt Ion: 83 Resp: 195374
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.690 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

Tgt Ion: 62 Resp: 125485
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 23.843 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

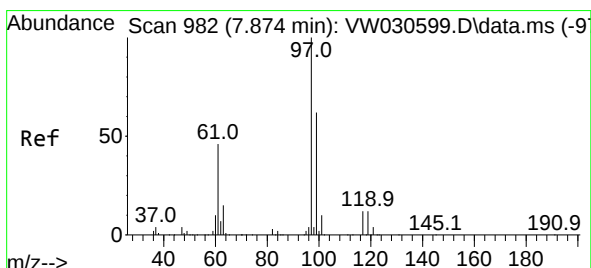
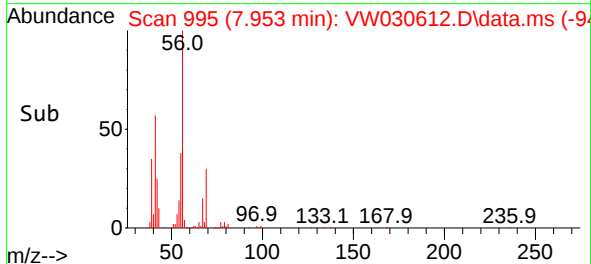
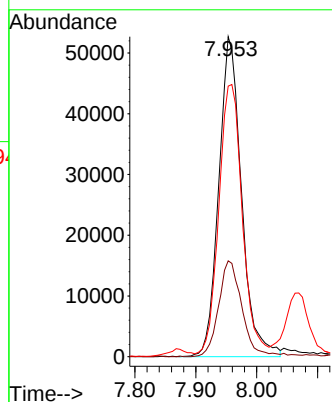
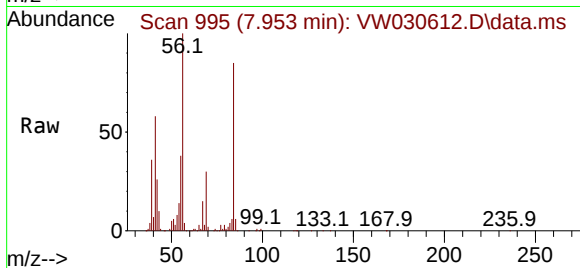
Tgt Ion: 56 Resp: 136561

Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.0

84 87.4 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 24.899 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

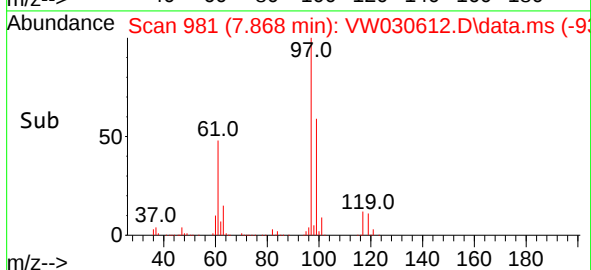
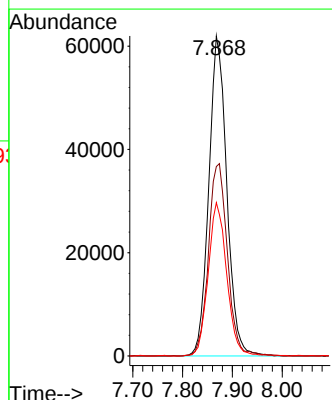
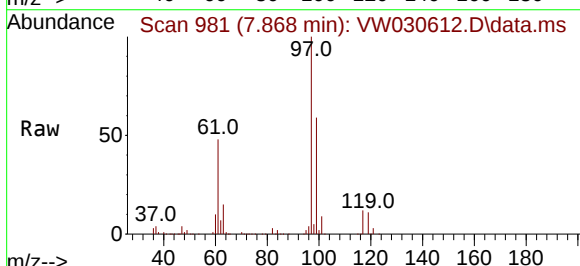
Tgt Ion: 97 Resp: 155519

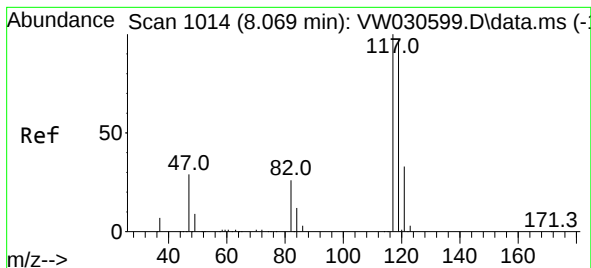
Ion Ratio Lower Upper

97 100

99 62.6 52.3 78.5

61 48.3 38.5 57.7





#31

Carbon tetrachloride

Concen: 25.070 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

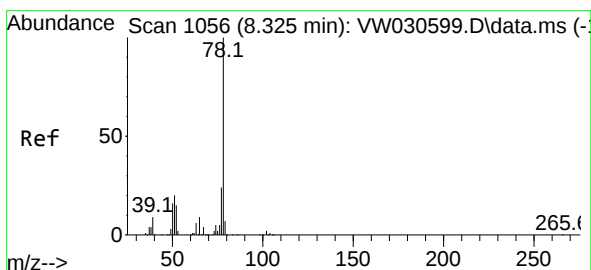
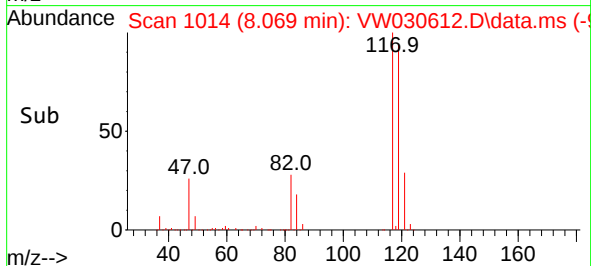
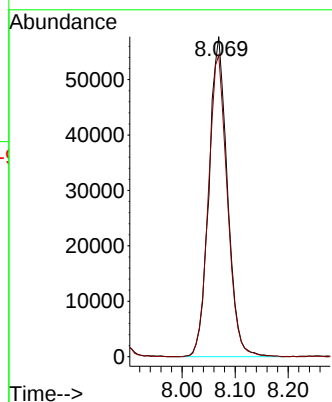
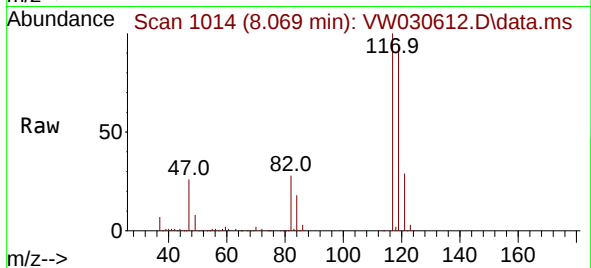
ClientSampleId :

Tgt Ion:117 Resp: 139853

Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.8



#33

Benzene

Concen: 26.706 ug/L

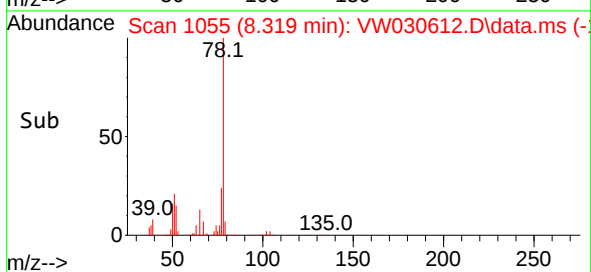
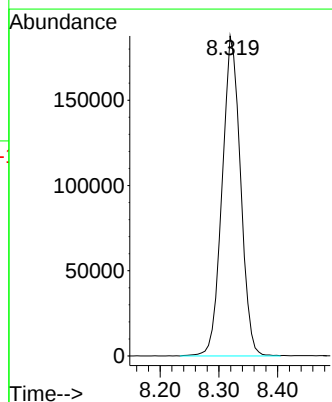
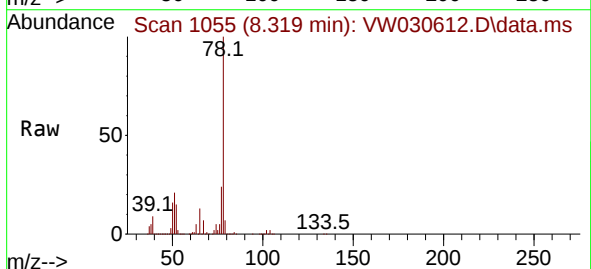
RT: 8.319 min Scan# 1055

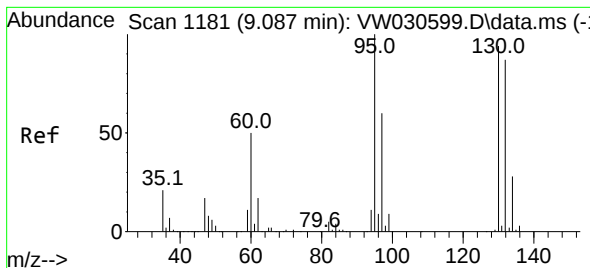
Delta R.T. -0.006 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Tgt Ion: 78 Resp: 408903





#34

Trichloroethene

Concen: 25.143 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 107102

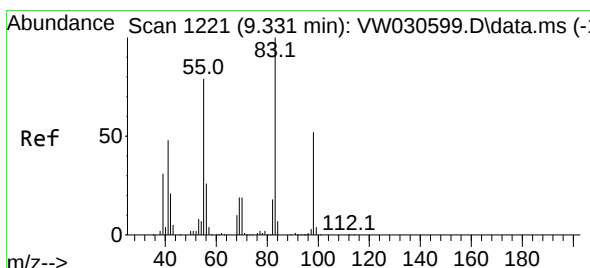
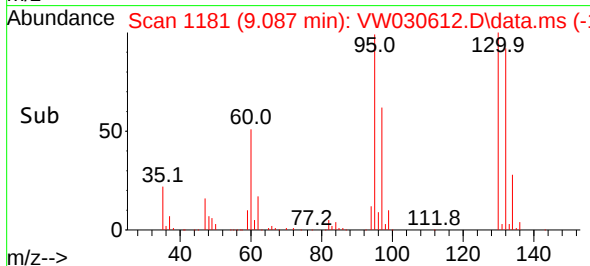
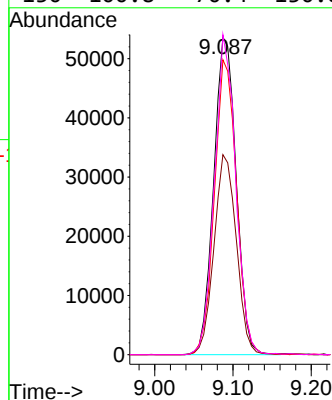
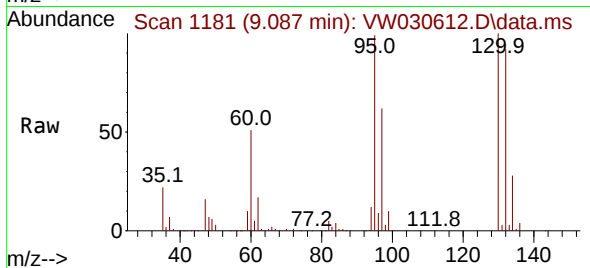
Ion Ratio Lower Upper

95 100

97 63.0 45.9 85.3

132 92.8 66.4 123.2

130 100.8 70.4 130.8



#35

Methylcyclohexane

Concen: 23.796 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

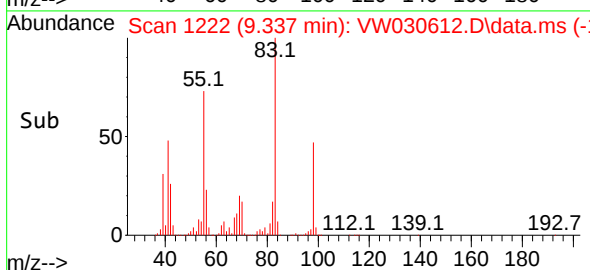
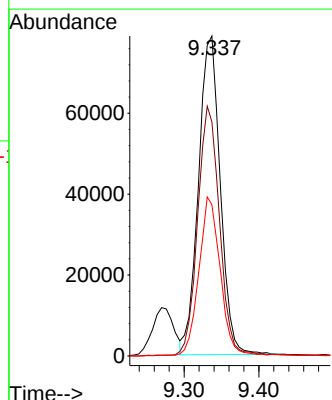
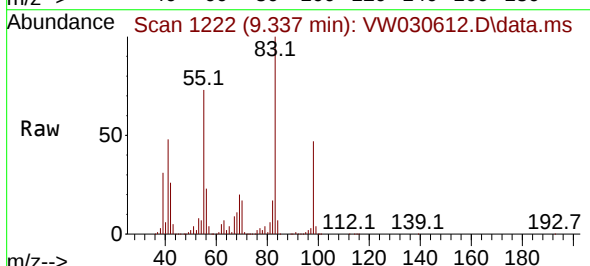
Tgt Ion: 83 Resp: 159528

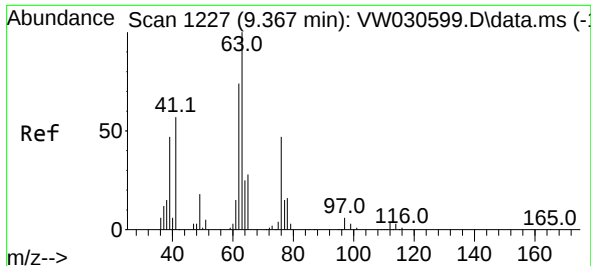
Ion Ratio Lower Upper

83 100

55 78.5 61.8 92.8

98 48.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 27.591 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

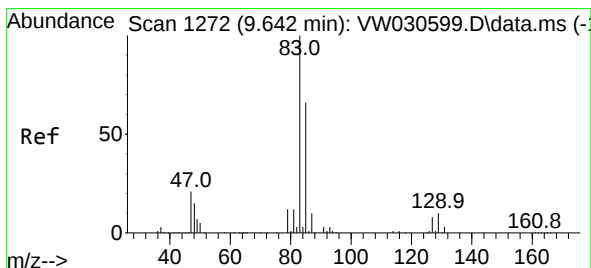
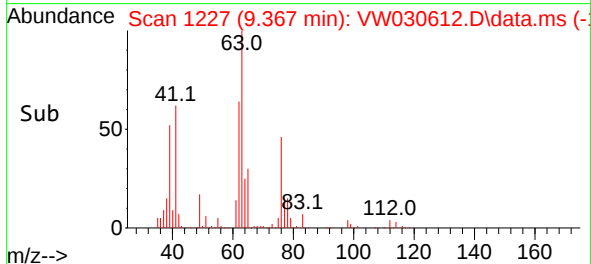
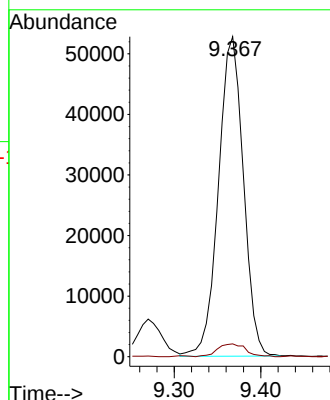
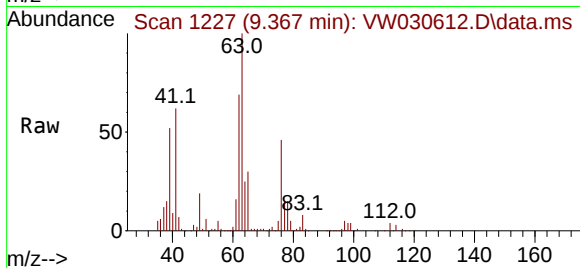
ClientSampleId :

Tgt Ion: 63 Resp: 105513

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 26.701 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

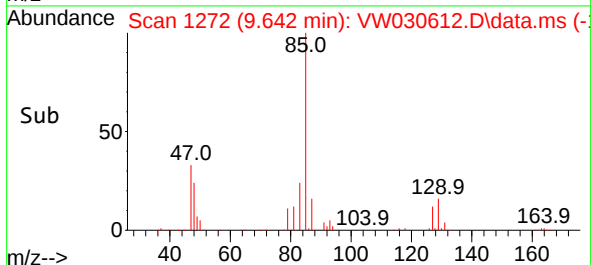
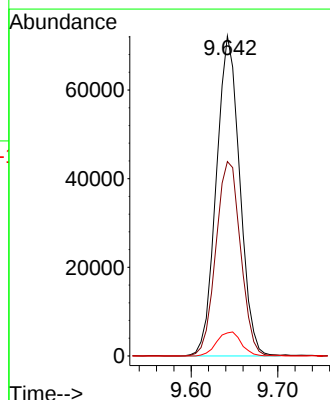
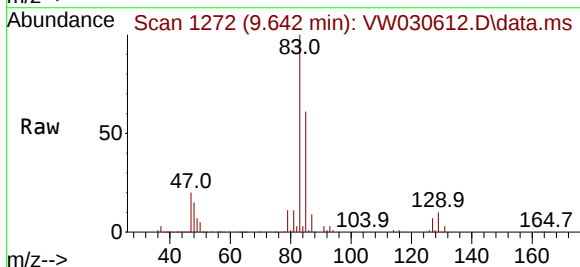
Tgt Ion: 83 Resp: 135851

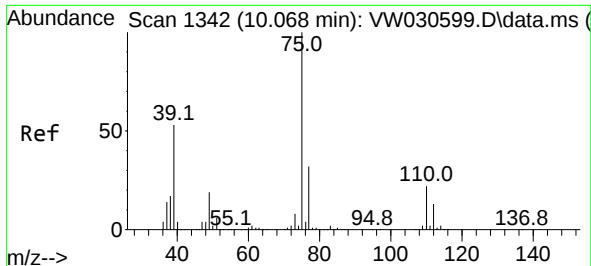
Ion Ratio Lower Upper

83 100

85 60.7 44.2 82.0

127 7.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 26.233 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

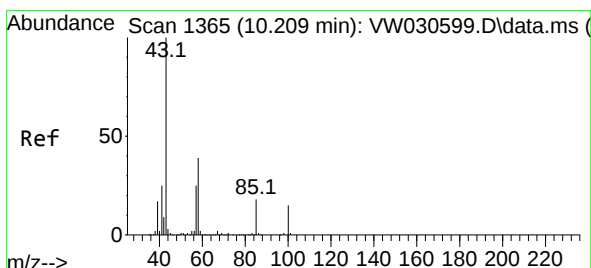
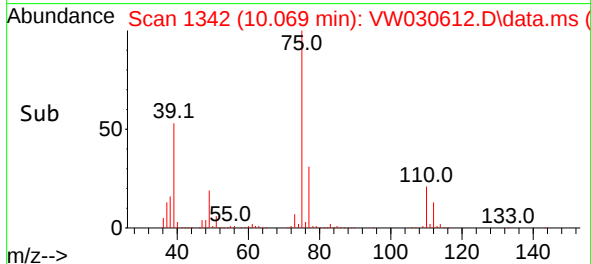
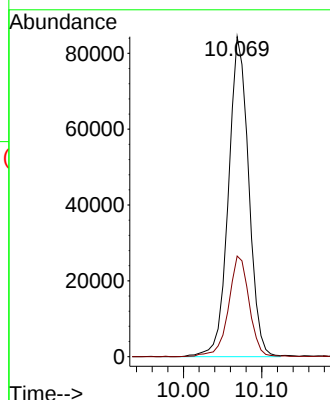
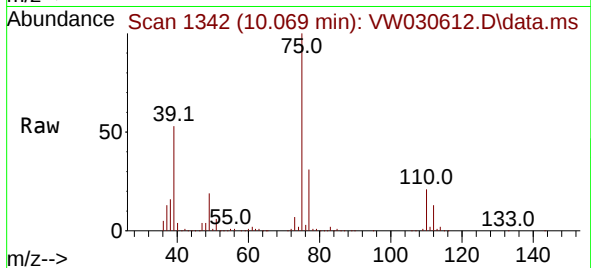
ClientSampleId :

Tgt Ion: 75 Resp: 151317

Ion Ratio Lower Upper

75 100

77 31.5 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 53.156 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

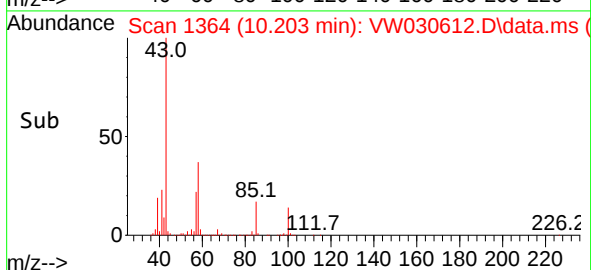
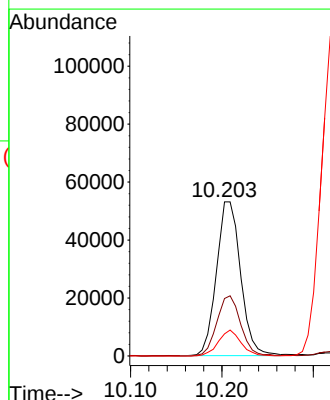
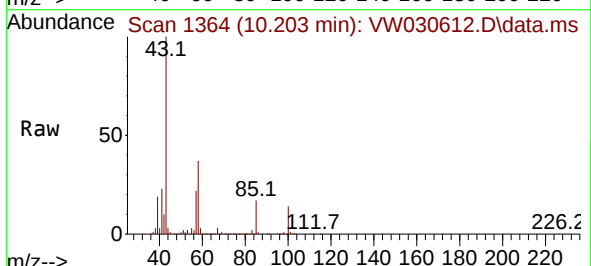
Tgt Ion: 43 Resp: 97656

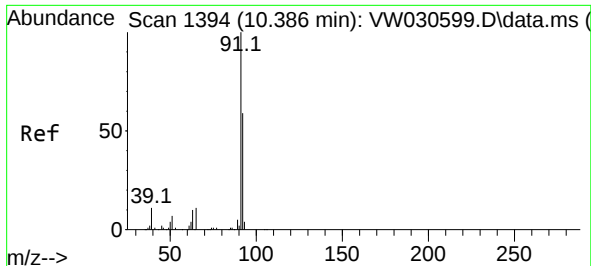
Ion Ratio Lower Upper

43 100

58 38.6 31.4 47.2

100 15.7 13.1 19.7

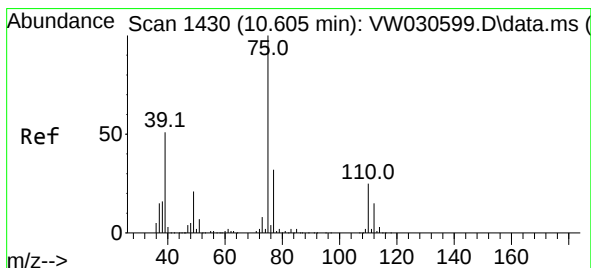
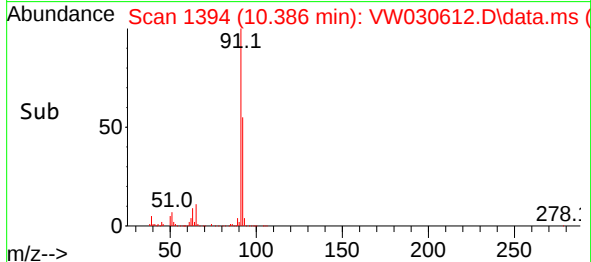
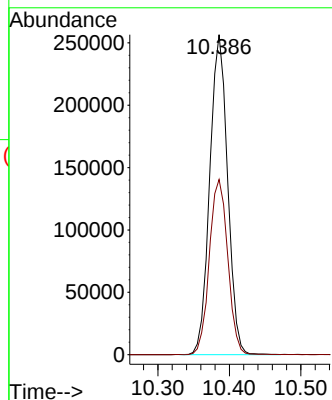
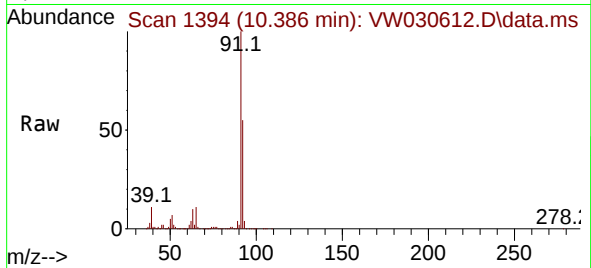




#42
Toluene
Concen: 27.194 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

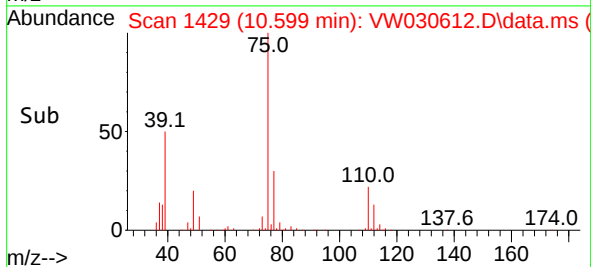
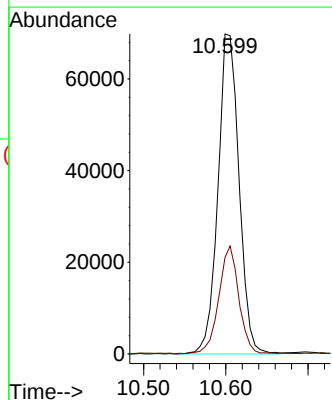
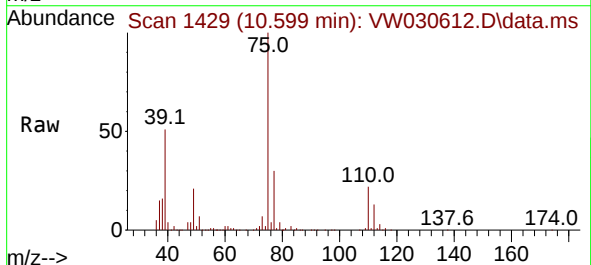
Instrument :
MSVOA_W
ClientSampleId :

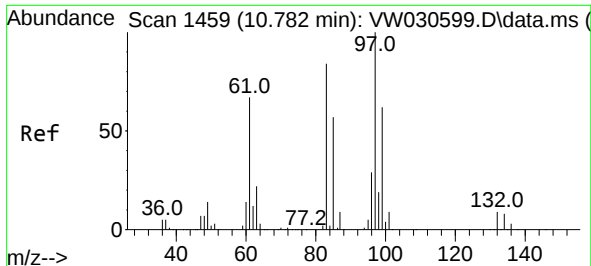
Tgt Ion: 91 Resp: 444222
Ion Ratio Lower Upper
91 100
92 54.8 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 25.674 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

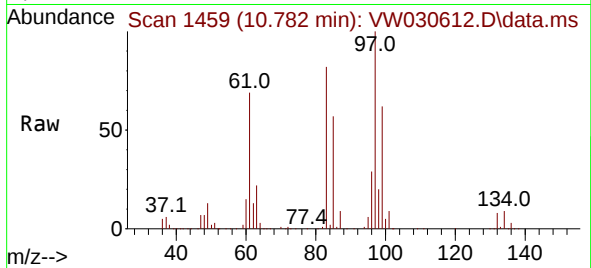
Tgt Ion: 75 Resp: 124444
Ion Ratio Lower Upper
75 100
77 30.2 21.6 40.2



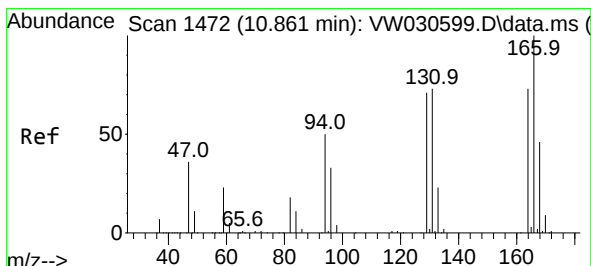
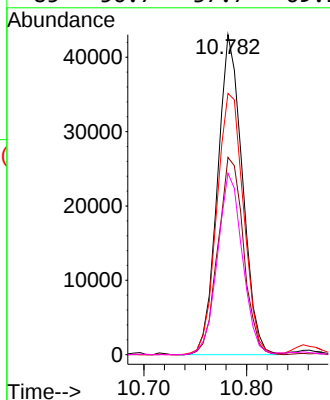
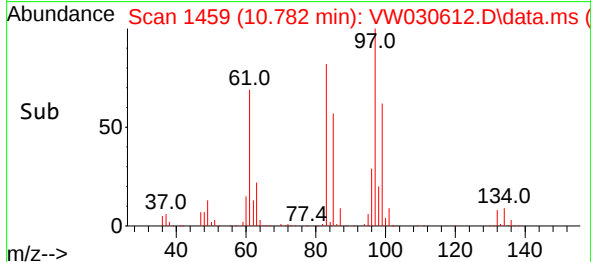


#45
1,1,2-Trichloroethane
Concen: 26.193 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

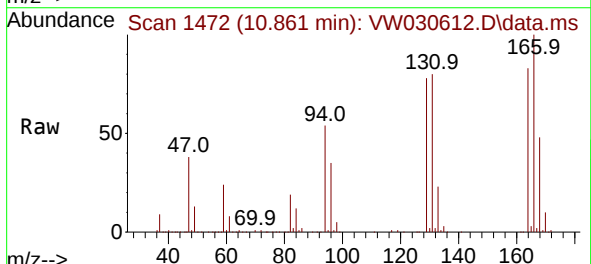
Instrument :
MSVOA_W
ClientSampleId :



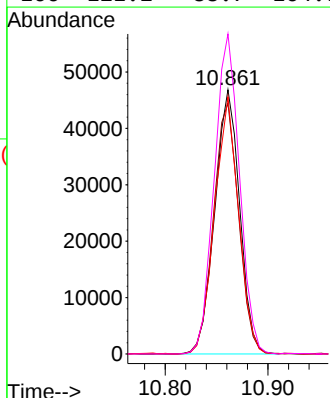
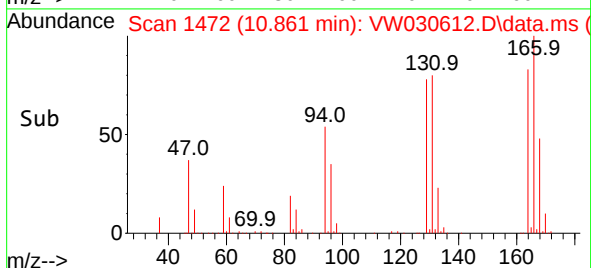
Tgt Ion: 97	Resp: 72392
Ion Ratio	Lower Upper
97 100	
99 61.6	41.2 76.6
83 81.7	59.6 110.6
85 56.7	37.7 69.9

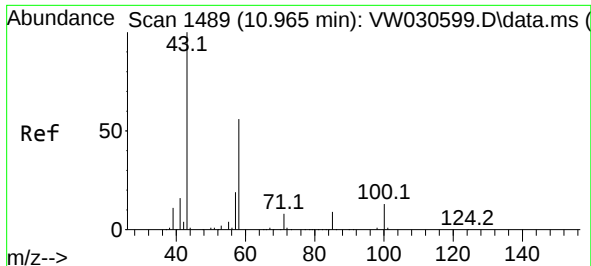


#46
Tetrachloroethene
Concen: 25.011 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49



Tgt	Ion:164	Resp:	78580
Ion	Ratio	Lower	Upper
164	100		
129	95.0	66.6	123.6
131	97.4	63.7	118.3
166	121.2	88.7	164.7

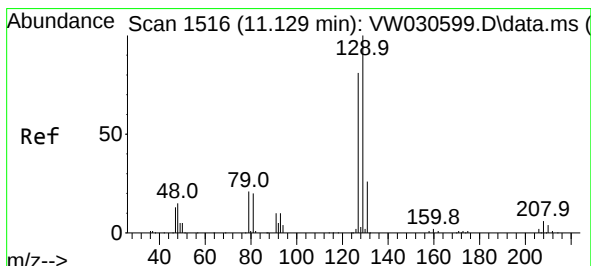
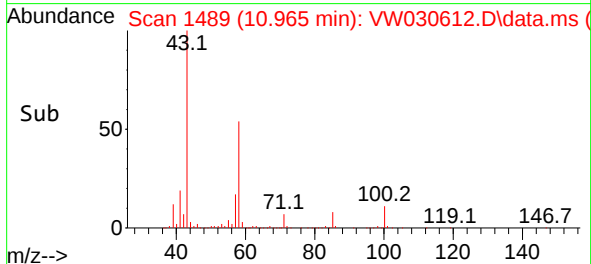
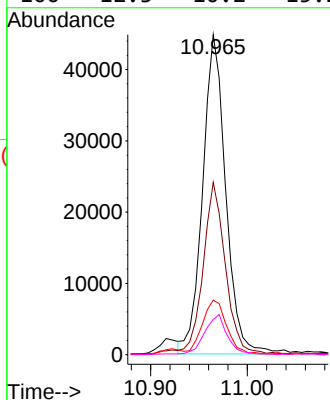
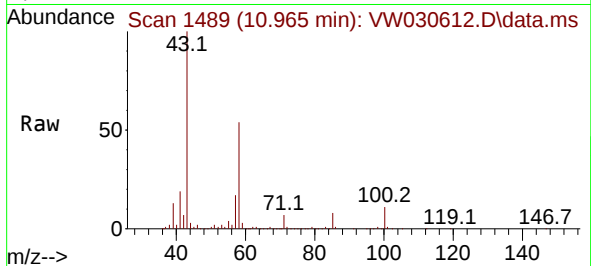




#48
2-Hexanone
Concen: 49.454 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

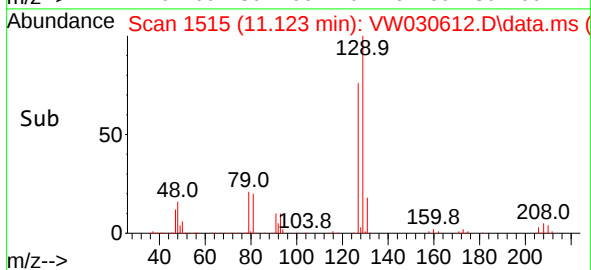
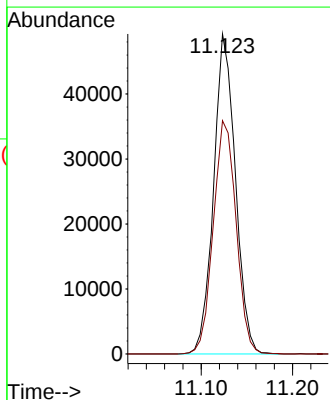
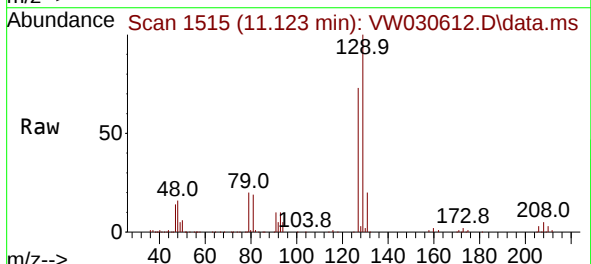
Instrument :
MSVOA_W
ClientSampleId :

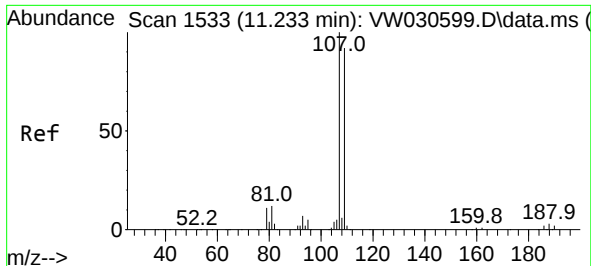
Tgt Ion: 43	Resp: 74298
Ion Ratio	Lower Upper
43 100	
58 53.4	44.6 67.0
57 18.1	15.8 23.8
100 12.3	10.2 15.2



#49
Dibromochloromethane
Concen: 26.445 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

Tgt	Ion:129	Resp:	81551
Ion	Ratio	Lower	Upper
129	100		
127	72.9	56.5	104.9





#50

1,2-Dibromoethane

Concen: 25.232 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min MSVOA_W

Lab File: VW030612.D

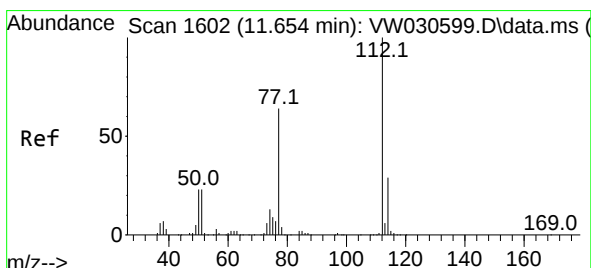
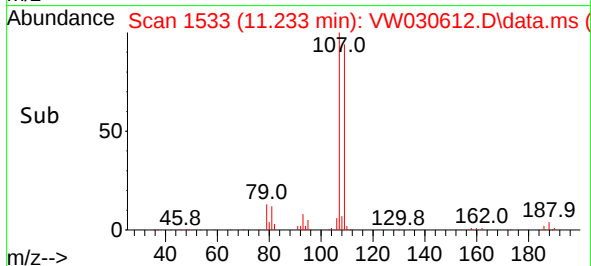
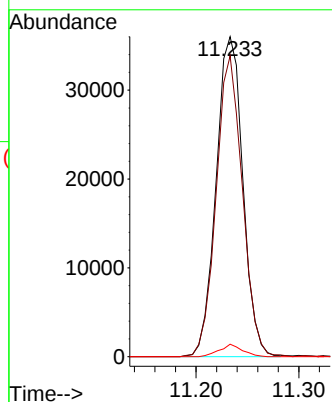
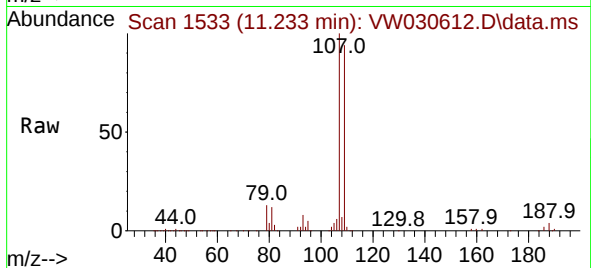
Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	65071
Ion Ratio	Lower	Upper	
107	100		
109	94.0	63.8	118.6
188	3.9	2.6	3.8#



#51

Chlorobenzene

Concen: 25.344 ug/L

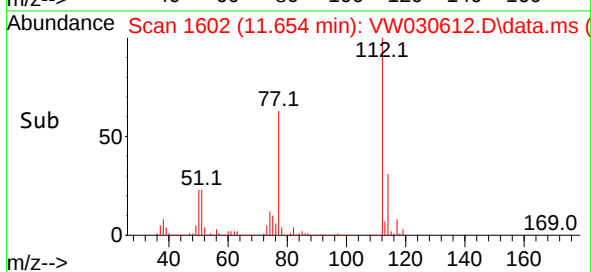
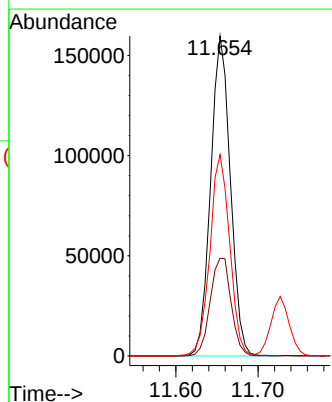
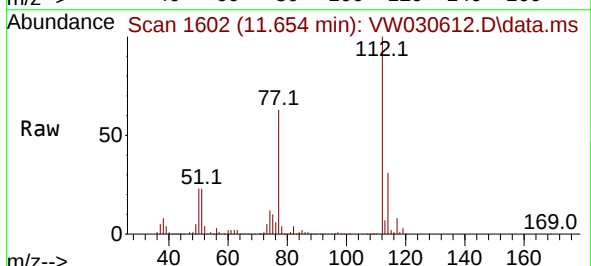
RT: 11.654 min Scan# 1602

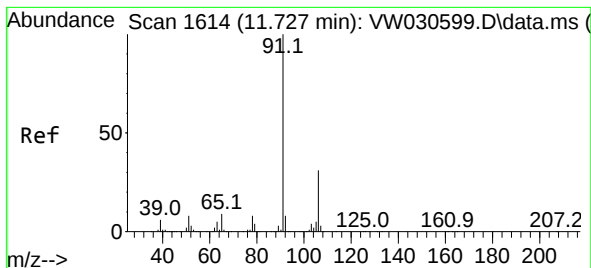
Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Tgt Ion:	112	Resp:	266500
Ion Ratio	Lower	Upper	
112	100		
114	30.5	22.4	41.6
77	62.9	47.1	70.7

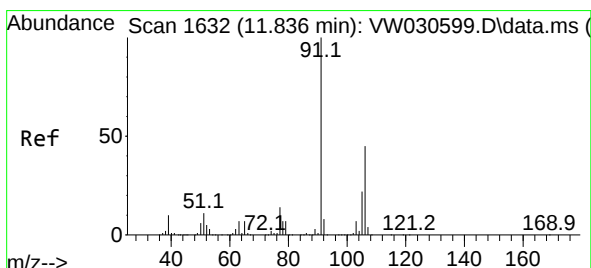
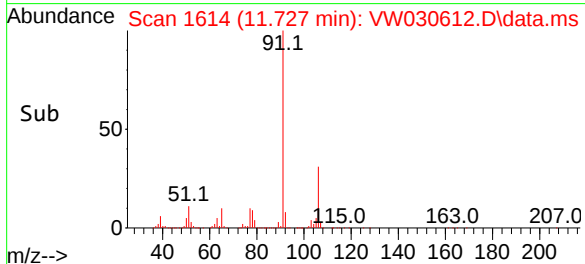
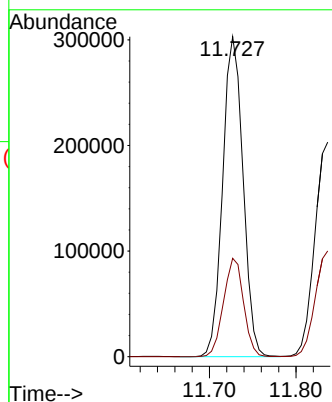
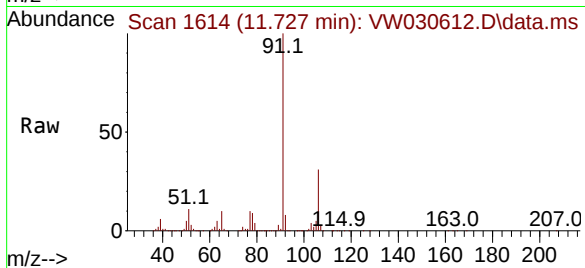




#52
Ethylbenzene
Concen: 26.544 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

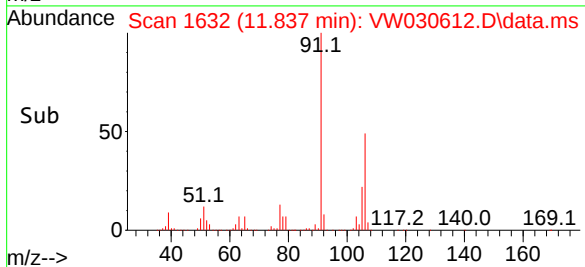
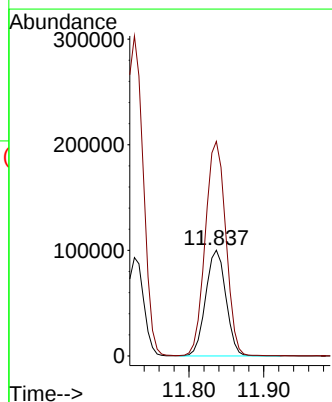
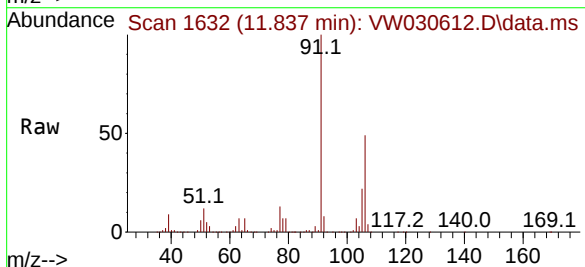
Instrument :
MSVOA_W
ClientSampleId :

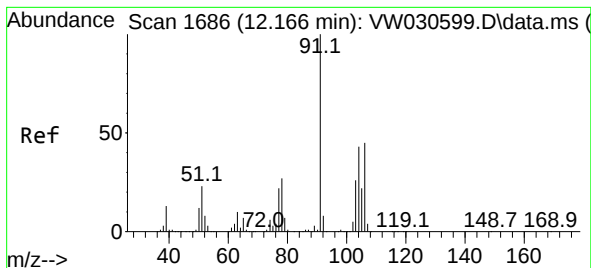
Tgt Ion: 91 Resp: 494767
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.1



#53
m,p-Xylene
Concen: 26.936 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

Tgt Ion:106 Resp: 188094
Ion Ratio Lower Upper
106 100
91 202.9 140.6 261.2





#54

o-Xylene

Concen: 26.664 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

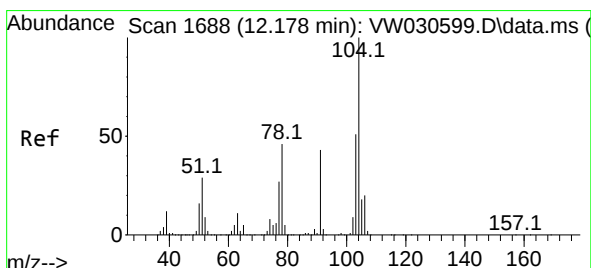
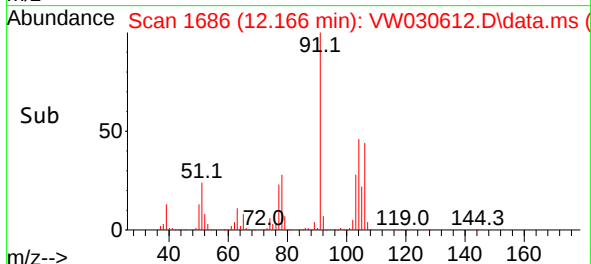
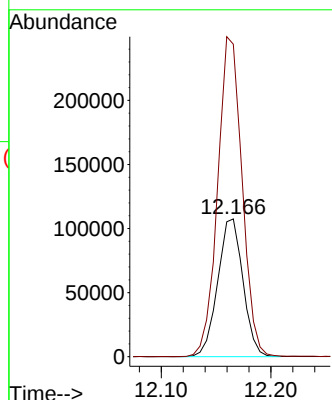
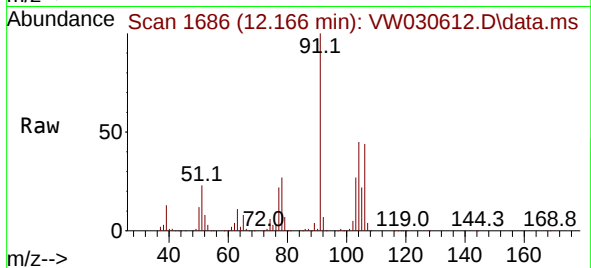
ClientSampleId :

Tgt Ion:106 Resp: 172142

Ion Ratio Lower Upper

106 100

91 226.7 144.5 268.4



#55

Styrene

Concen: 27.604 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030612.D

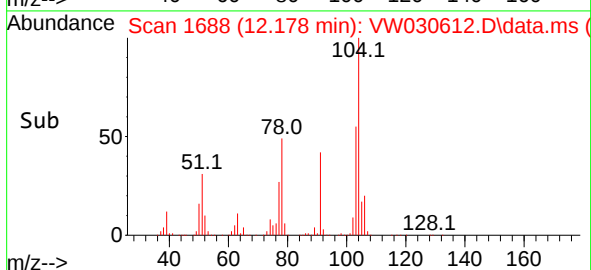
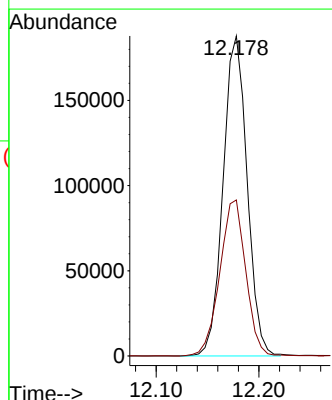
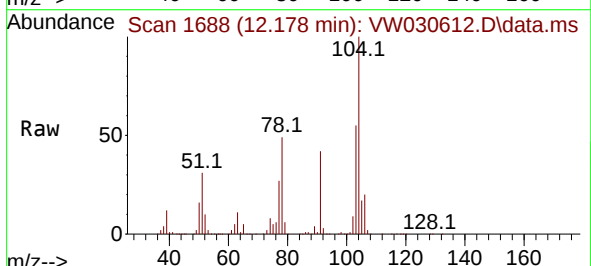
Acq: 16 Oct 2024 14:49

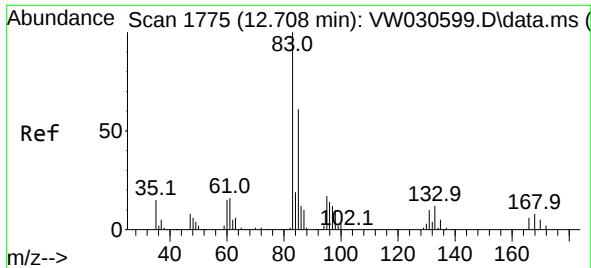
Tgt Ion:104 Resp: 304655

Ion Ratio Lower Upper

104 100

78 48.7 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.166 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

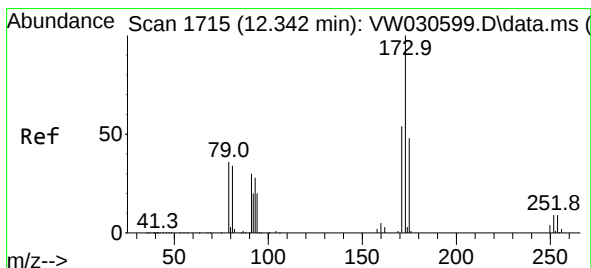
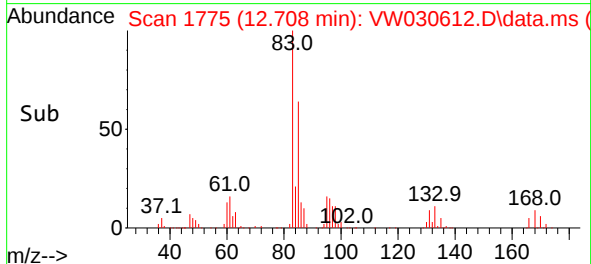
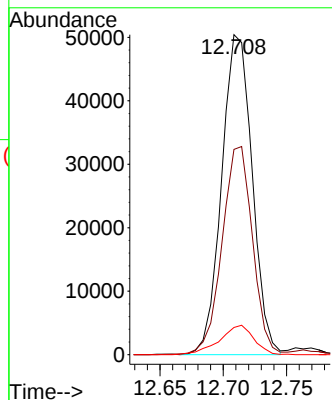
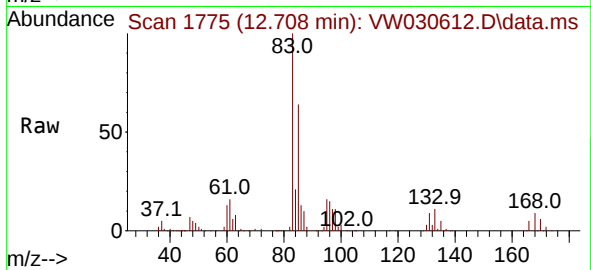
Tgt Ion: 83 Resp: 84669

Ion Ratio Lower Upper

83 100

85 64.1 42.6 79.2

131 8.5 7.4 11.0



#59

Bromoform

Concen: 25.252 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

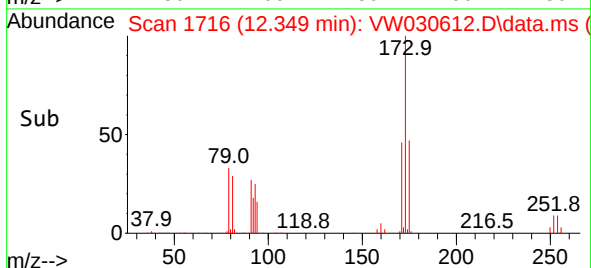
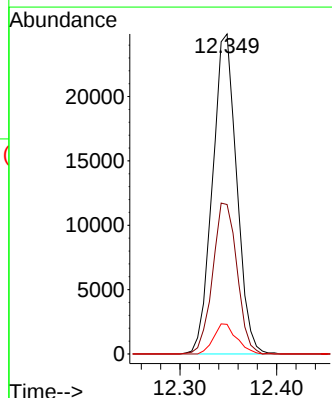
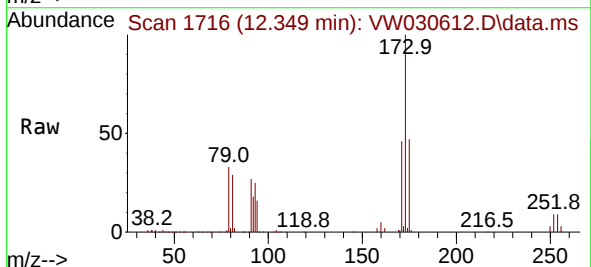
Tgt Ion:173 Resp: 43184

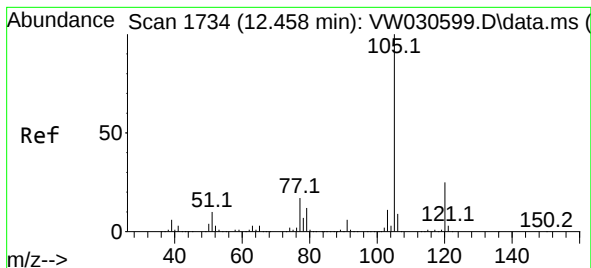
Ion Ratio Lower Upper

173 100

175 47.4 39.0 58.4

254 8.9 7.7 11.5





#60

Isopropylbenzene

Concen: 25.828 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

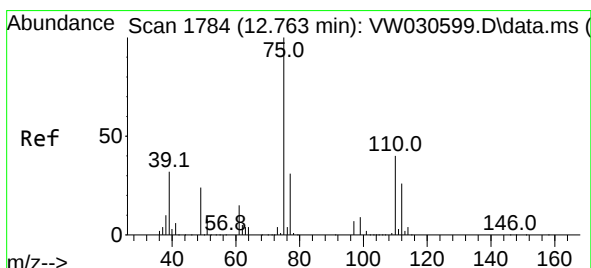
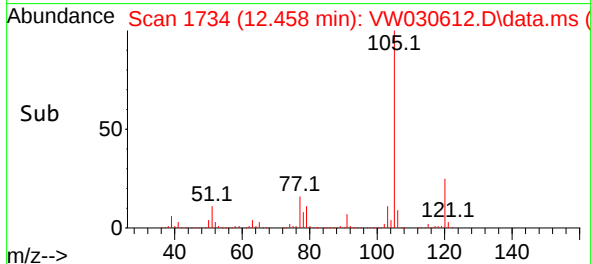
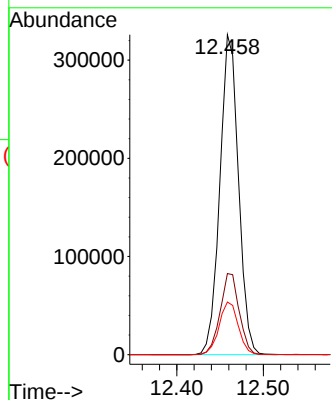
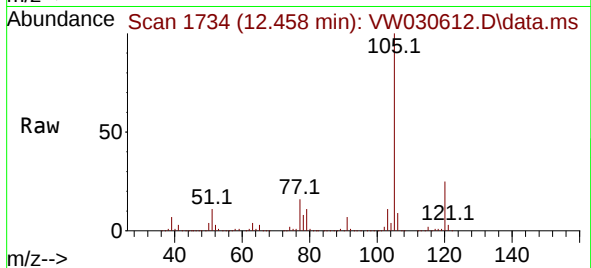
Tgt Ion:105 Resp: 486856

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 17.1 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 25.214 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

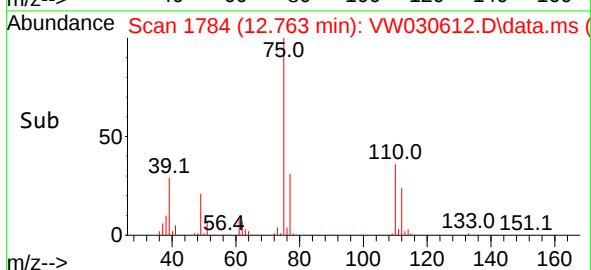
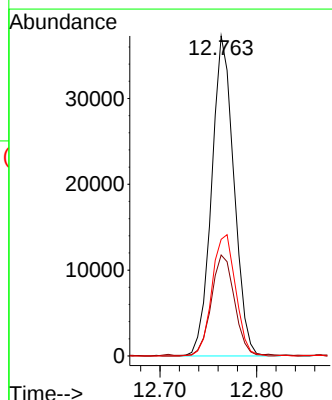
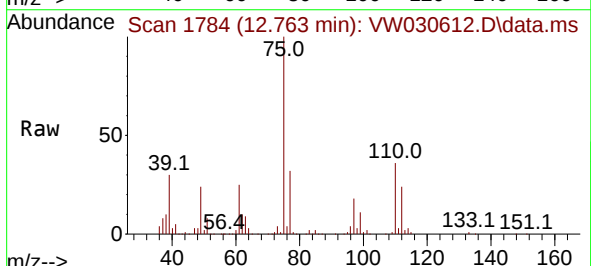
Tgt Ion: 75 Resp: 59721

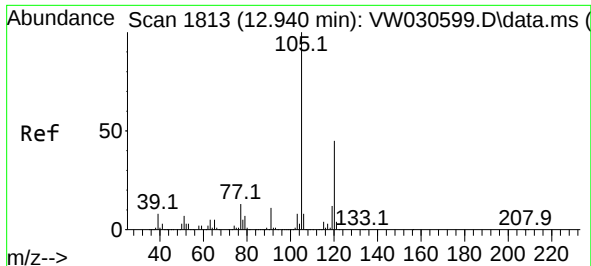
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

110 40.1 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 26.376 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

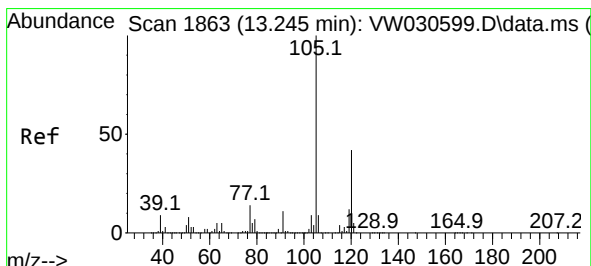
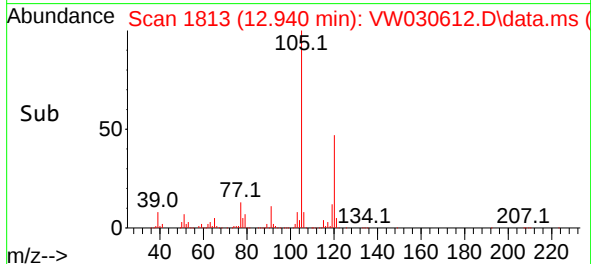
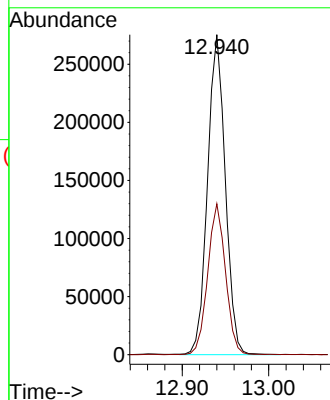
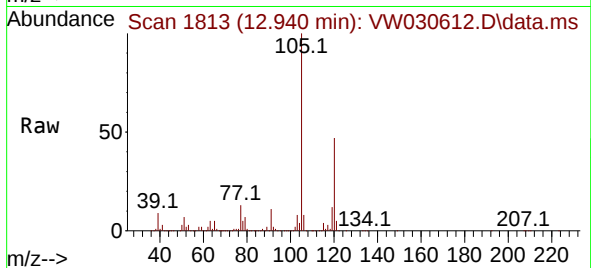
ClientSampleId :

Tgt Ion:105 Resp: 392243

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 26.447 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030612.D

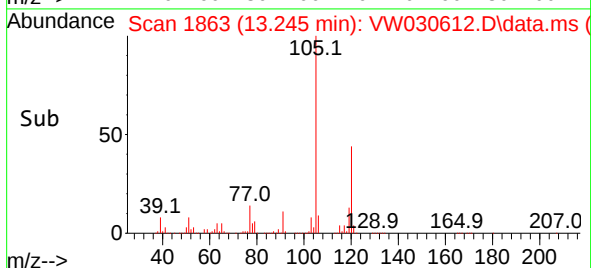
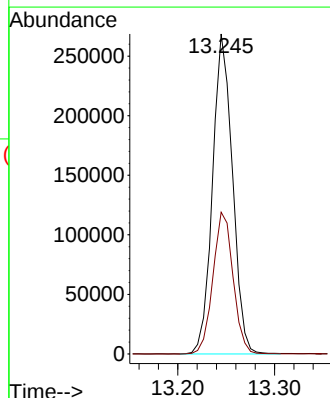
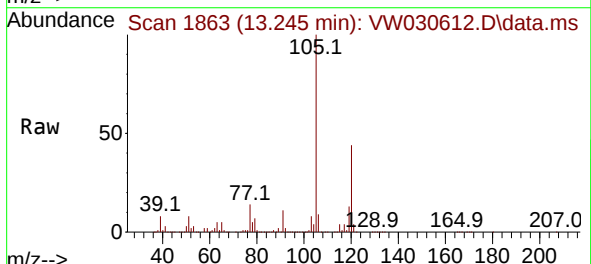
Acq: 16 Oct 2024 14:49

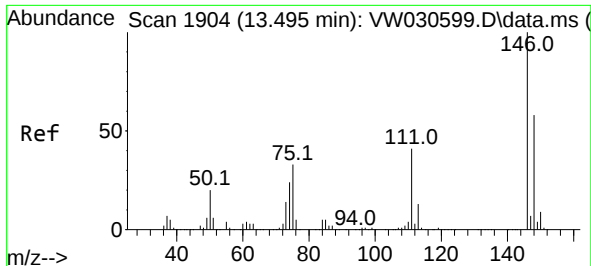
Tgt Ion:105 Resp: 385073

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6

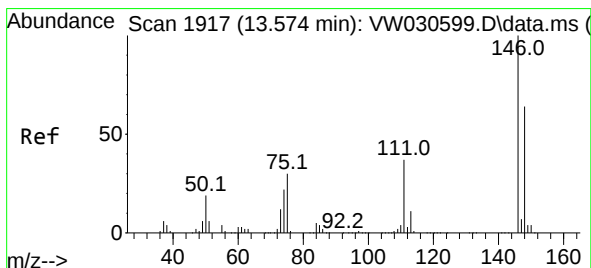
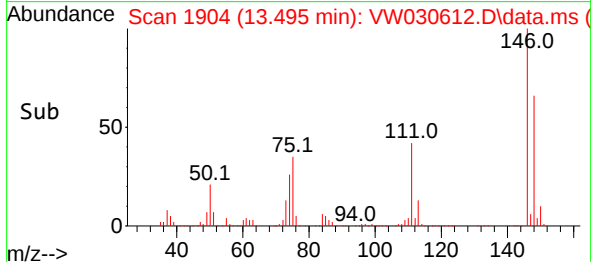
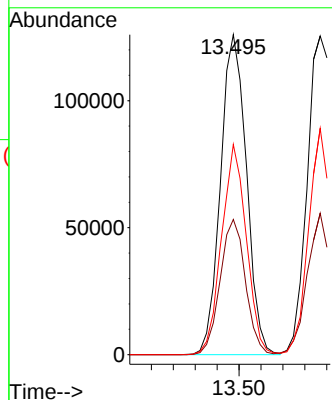
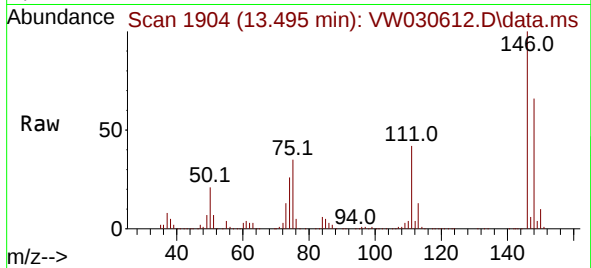




#64
1,3-Dichlorobenzene
Concen: 25.196 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

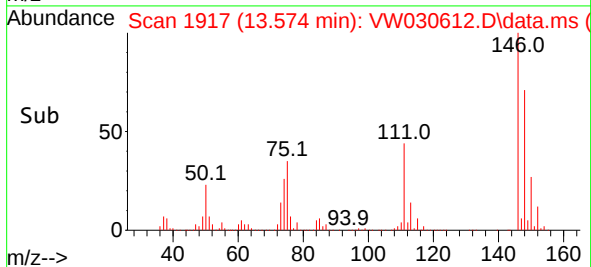
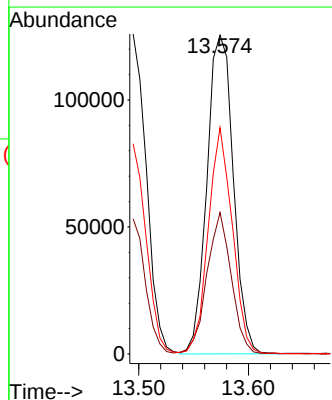
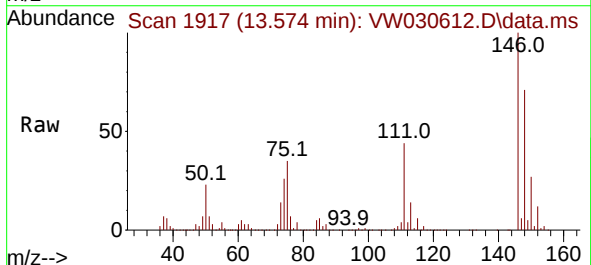
Instrument :
MSVOA_W
ClientSampleId :

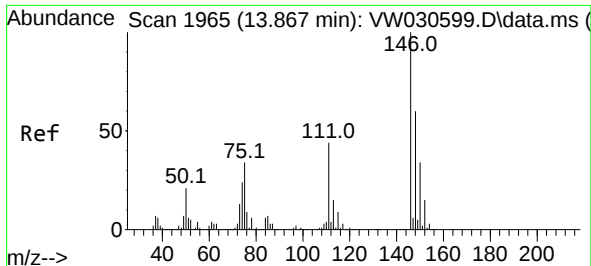
Tgt Ion:146 Resp: 206733
Ion Ratio Lower Upper
146 100
111 42.3 31.2 58.0
148 65.7 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 24.833 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

Tgt Ion:146 Resp: 210387
Ion Ratio Lower Upper
146 100
111 44.4 26.8 49.8
148 71.0 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 25.317 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

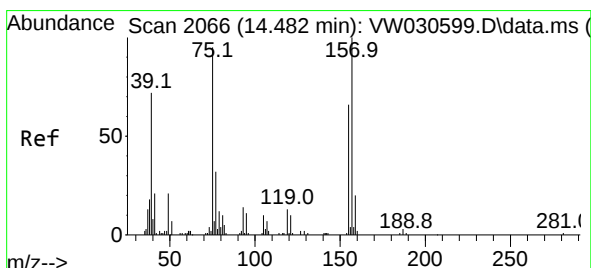
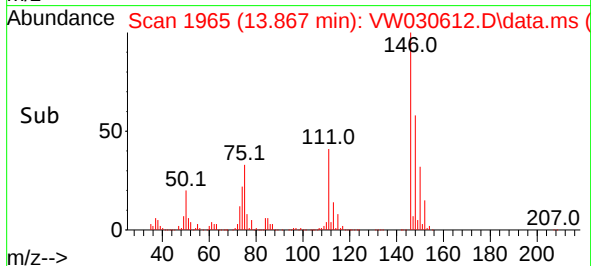
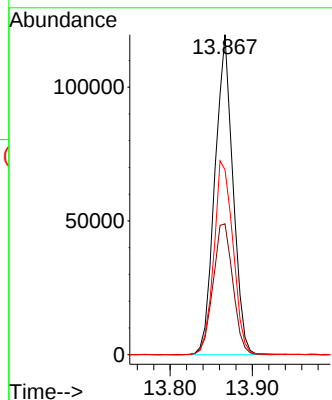
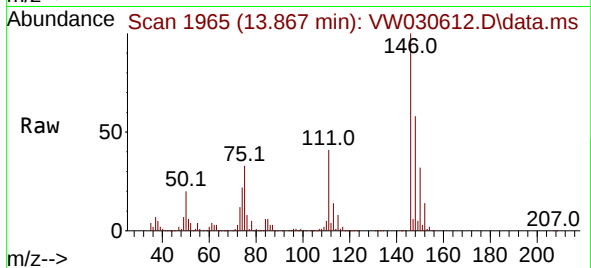
Tgt Ion:146 Resp: 182784

Ion Ratio Lower Upper

146 100

111 40.9 34.6 52.0

148 57.8 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.483 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

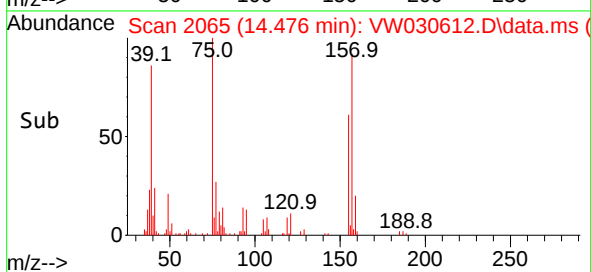
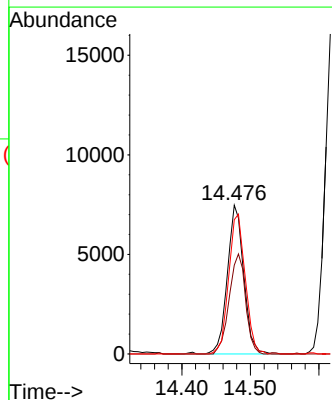
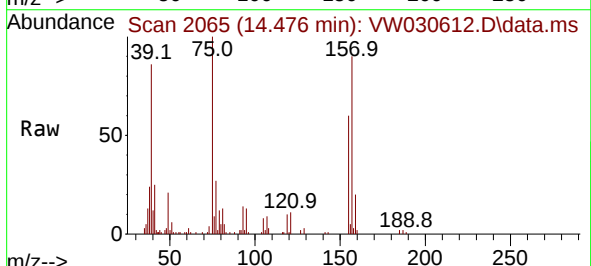
Tgt Ion: 75 Resp: 12402

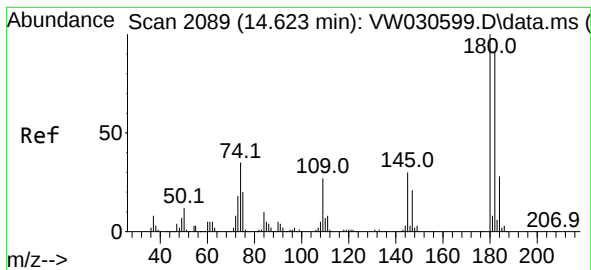
Ion Ratio Lower Upper

75 100

155 59.6 57.9 86.9

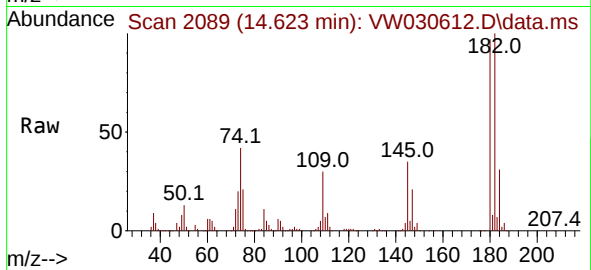
157 90.2 69.0 103.6



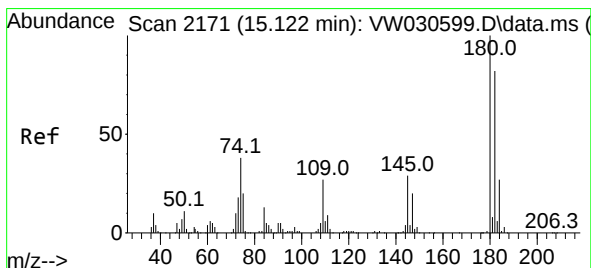
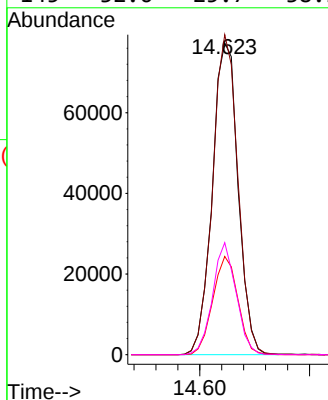
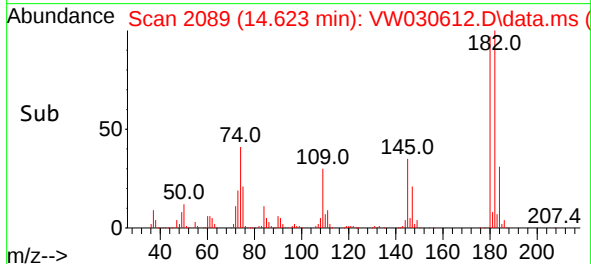


#69
1,3,5-Trichlorobenzene
Concen: 23.373 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49

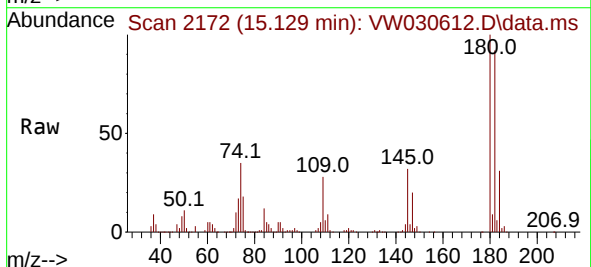
Instrument :
MSVOA_W
ClientSampleId :



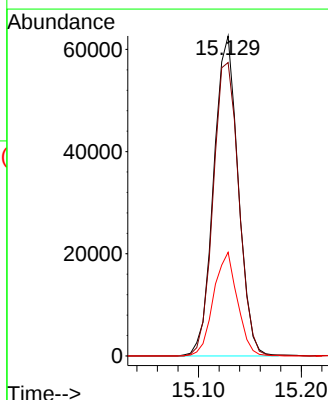
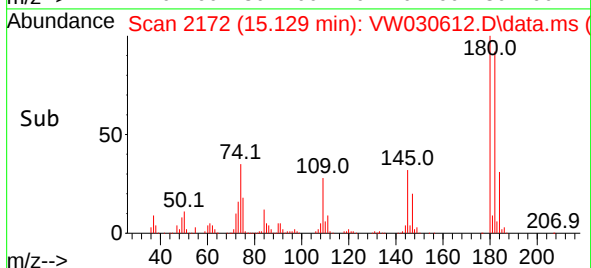
Tgt Ion:180 Resp: 126460
Ion Ratio Lower Upper
180 100
182 100.3 79.9 119.9
184 30.7 25.2 37.8
145 32.6 25.7 38.5

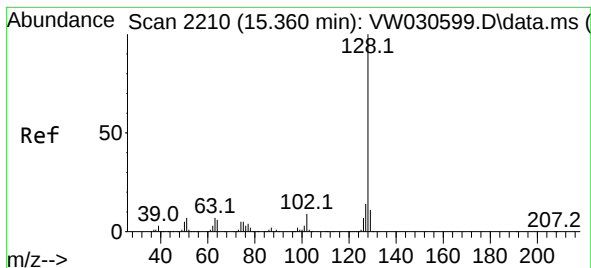


#70
1,2,4-trichlorobenzene
Concen: 23.811 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW030612.D
Acq: 16 Oct 2024 14:49



Tgt Ion:180 Resp: 103711
Ion Ratio Lower Upper
180 100
182 95.6 75.2 112.8
145 31.5 25.4 38.2





#71

Naphthalene

Concen: 24.906 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

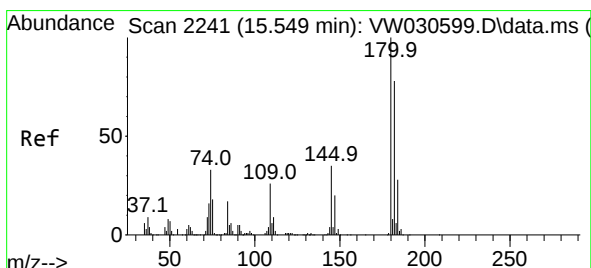
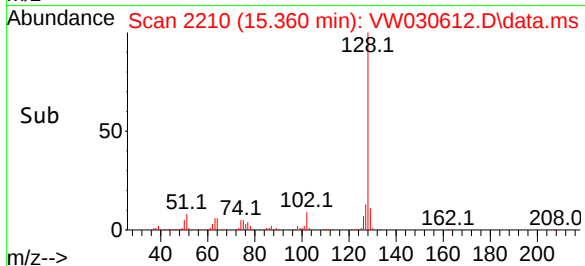
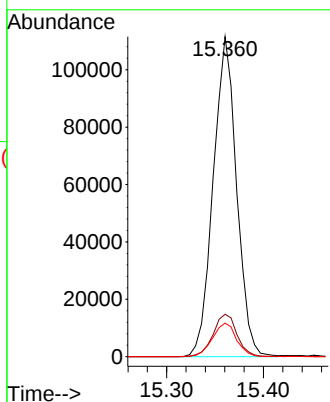
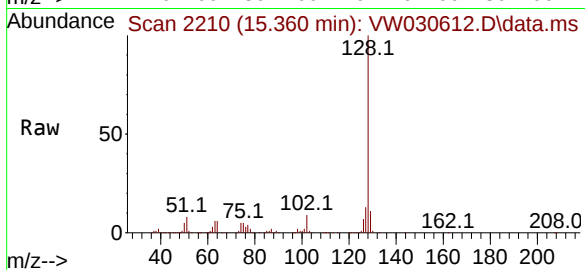
Tgt Ion:128 Resp: 187420

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.952 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030612.D

Acq: 16 Oct 2024 14:49

Tgt Ion:180 Resp: 90444

Ion Ratio Lower Upper

180 100

182 98.8 76.2 114.4

145 36.1 27.4 41.2

