

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101824\
 Data File : VW030653.D
 Acq On : 18 Oct 2024 09:37
 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 19 00:19:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 18 01:38:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	258232	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119632	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	82485	20.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
7) Chloroethane-d5	2.899	69	75961	24.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.880%
11) 1,1-Dichloroethene-d2	4.021	65	35222	20.863	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.440%
21) 2-Butanone-d5	7.075	46	36555	50.043	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.080%
24) Chloroform-d	7.648	84	190006	25.729	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.920%
26) 1,2-Dichloroethane-d4	8.301	65	95106	24.766	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.276	84	339388	24.949	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	9.270	67	104319	26.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.520%
41) Toluene-d8	10.325	98	313528	25.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	10.575	79	41576	24.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.480%
47) 2-Hexanone-d5	10.922	63	28722	55.851	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81744	27.877	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	101713	25.128	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	76944	23.322	ug/L	100
3) Chloromethane	2.222	50	92788	24.198	ug/L	100
5) Vinyl chloride	2.375	62	117102	24.833	ug/L	97
6) Bromomethane	2.789	94	78493	25.289	ug/L	93
8) Chloroethane	2.930	64	75605	26.227	ug/L	99
9) Trichlorofluoromethane	3.271	101	94963	22.506	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92909	24.474	ug/L #	67
12) 1,1-Dichloroethene	4.045	96	83505	24.102	ug/L	94
13) Acetone	4.124	43	44811	41.902	ug/L	98
14) Carbon disulfide	4.387	76	250707	22.160	ug/L	99
15) Methyl Acetate	4.673	43	31061	23.513	ug/L	98
16) Methylene chloride	4.911	84	90604	23.208	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	92745	24.808	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	125672	24.019	ug/L	99
19) 1,1-Dichloroethane	6.209	63	180456	25.971	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	100255	25.142	ug/L	93
22) 2-Butanone	7.167	43	48605	42.164	ug/L	99
23) Bromochloromethane	7.508	128	42259	24.225	ug/L	85
25) Chloroform	7.673	83	196473	26.460	ug/L	100

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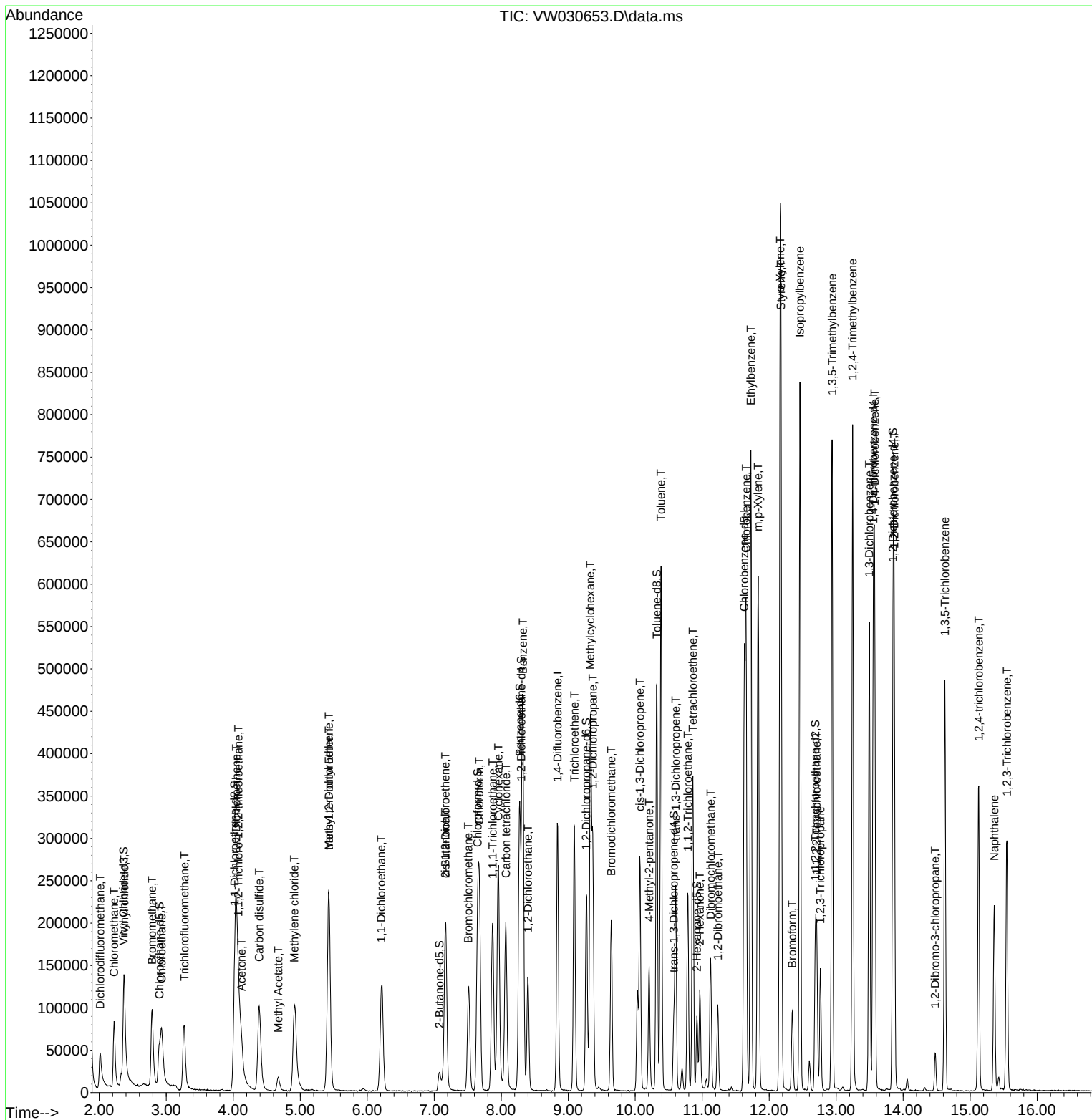
Instrument :
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 ClientSampleId :

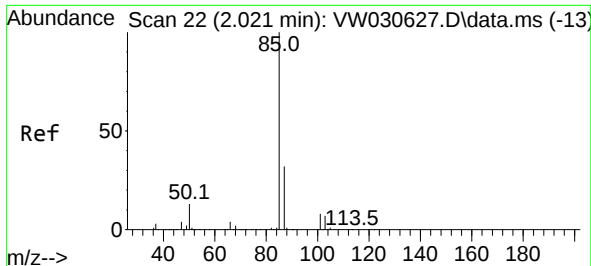
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	121214	24.745	ug/L	99
29) Cyclohexane	7.959	56	143816	25.207	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	155840	25.047	ug/L	98
31) Carbon tetrachloride	8.069	117	144249	25.958	ug/L	98
33) Benzene	8.325	78	403084	26.427	ug/L	100
34) Trichloroethene	9.093	95	107250	25.275	ug/L	96
35) Methylcyclohexane	9.331	83	167220	25.040	ug/L	97
37) 1,2-Dichloropropane	9.367	63	101869	26.742	ug/L	100
38) Bromodichloromethane	9.642	83	134480	26.534	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	145959	25.402	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	90158	49.265	ug/L	99
42) Toluene	10.386	91	437099	26.862	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	125507	25.993	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	69220	25.142	ug/L	95
46) Tetrachloroethene	10.861	164	79839	25.510	ug/L	98
48) 2-Hexanone	10.965	43	72452	48.411	ug/L	98
49) Dibromochloromethane	11.129	129	77356	25.181	ug/L	97
50) 1,2-Dibromoethane	11.233	107	63168	24.589	ug/L	98
51) Chlorobenzene	11.654	112	269258	25.705	ug/L	98
52) Ethylbenzene	11.727	91	508981	27.412	ug/L	99
53) m,p-Xylene	11.836	106	189794	27.284	ug/L	99
54) o-Xylene	12.166	106	172691	26.853	ug/L	89
55) Styrene	12.178	104	304095	27.660	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	79790	25.700	ug/L	96
59) Bromoform	12.342	173	38208	22.732	ug/L	94
60) Isopropylbenzene	12.458	105	507998	27.420	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55752	23.949	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	387377	26.503	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	383181	26.776	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	211397	26.214	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	209099	25.112	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	185771	26.179	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	11334	21.835	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	133613	25.126	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	104948	24.515	ug/L	99
71) Naphthalene	15.360	128	176069	23.806	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	93421	25.172	ug/L	98

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

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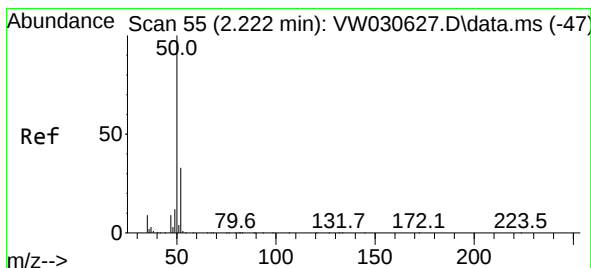
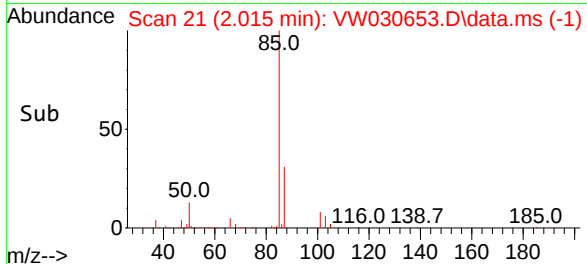
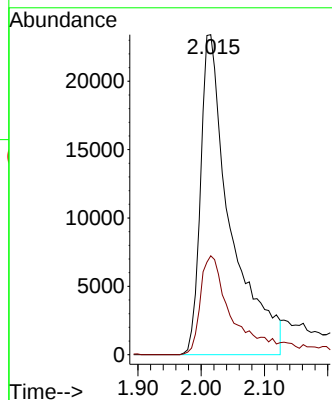
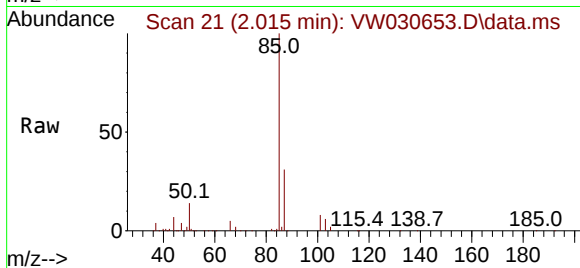




#2
Dichlorodifluoromethane
Concen: 23.322 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

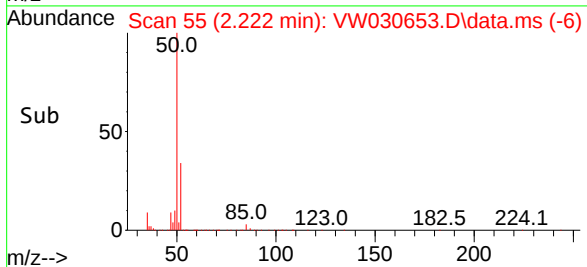
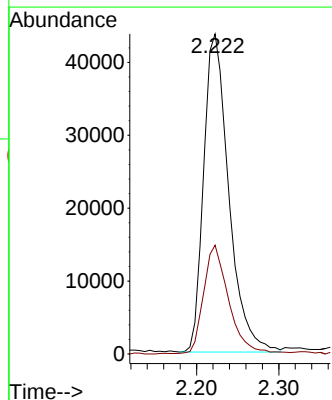
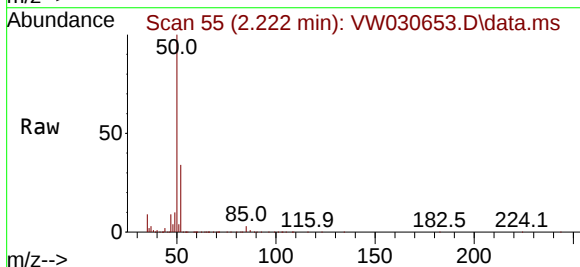
Instrument :
MSVOA_W
ClientSampleId :

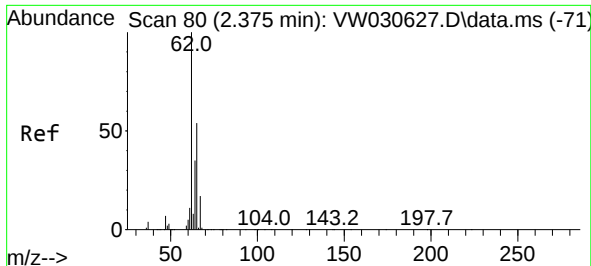
Tgt Ion: 85 Resp: 76944
Ion Ratio Lower Upper
85 100
87 29.4 23.8 35.6



#3
Chloromethane
Concen: 24.198 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion: 50 Resp: 92788
Ion Ratio Lower Upper
50 100
52 34.0 23.7 43.9

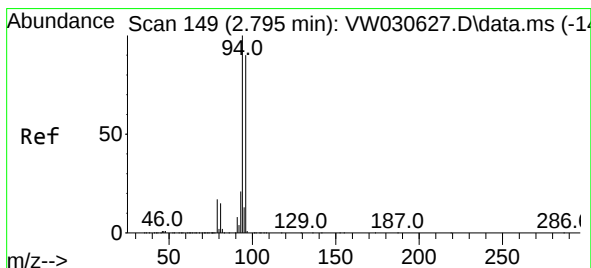
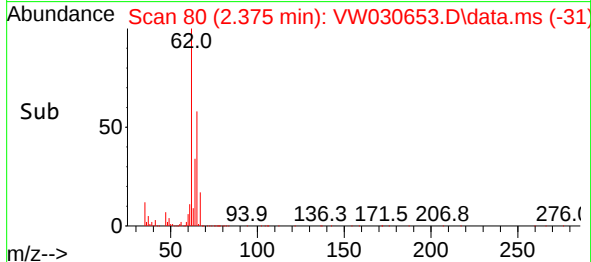
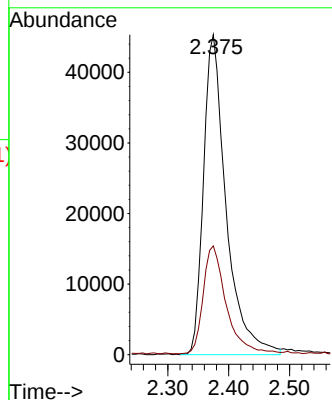
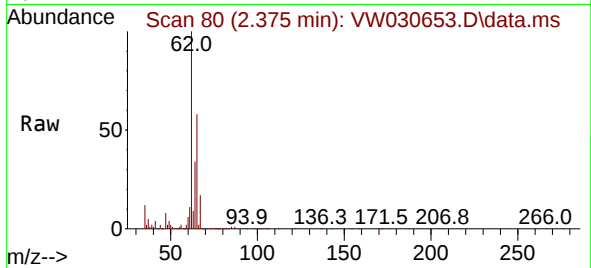




#5
 Vinyl chloride
 Concen: 24.833 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030653.D
 Acq: 18 Oct 2024 09:37

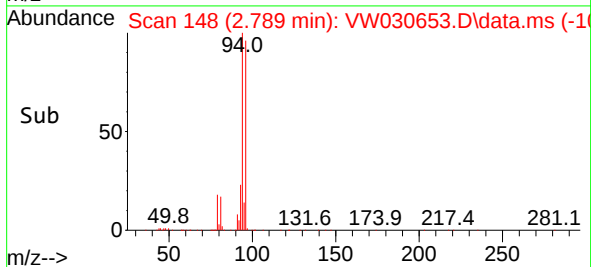
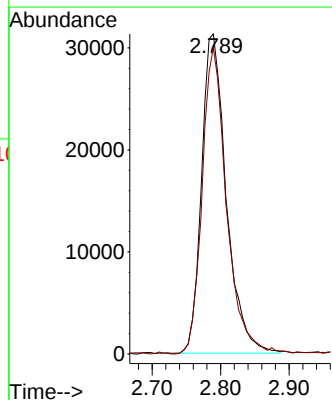
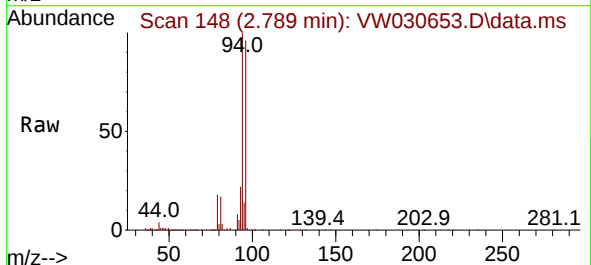
Instrument :
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 ClientSampleId :

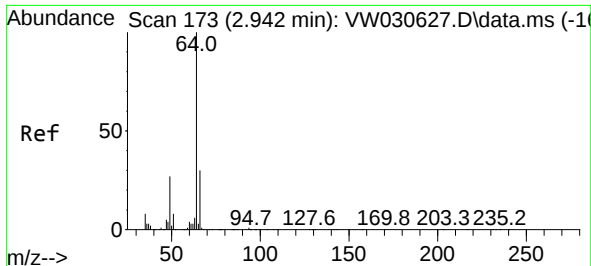
Tgt Ion: 62 Resp: 117102
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.6 42.0



#6
 Bromomethane
 Concen: 25.289 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030653.D
 Acq: 18 Oct 2024 09:37

Tgt Ion: 94 Resp: 78493
 Ion Ratio Lower Upper
 94 100
 96 95.7 62.6 116.2

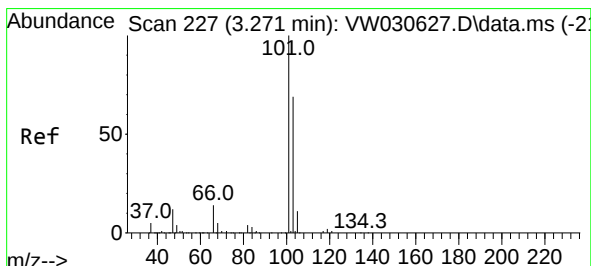
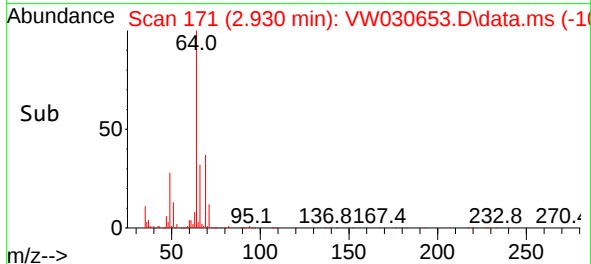
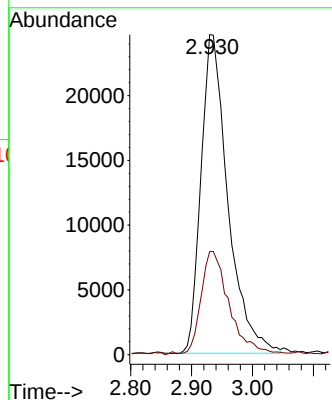
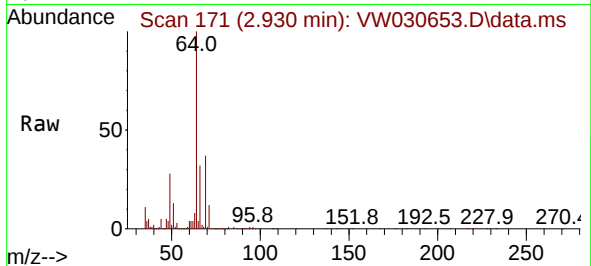




#8
Chloroethane
Concen: 26.227 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.012 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

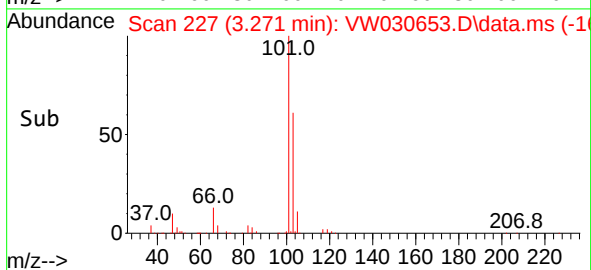
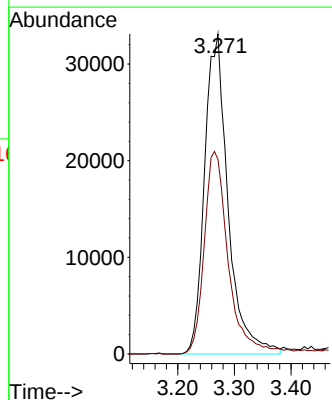
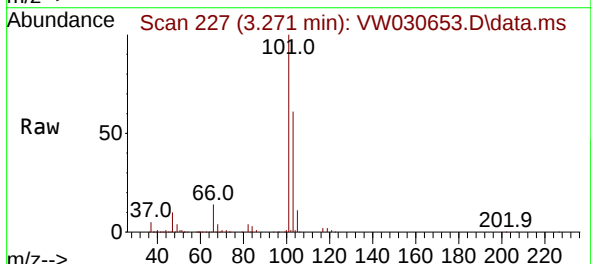
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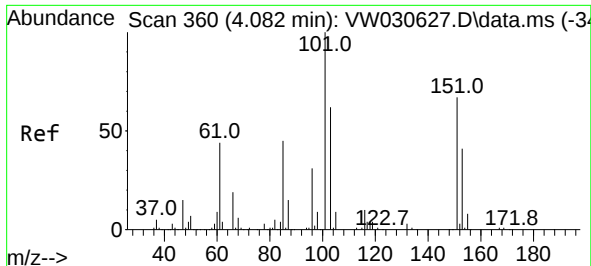
Tgt Ion: 64 Resp: 75605
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.506 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion: 101 Resp: 94963
Ion Ratio Lower Upper
101 100
103 64.2 51.1 76.7

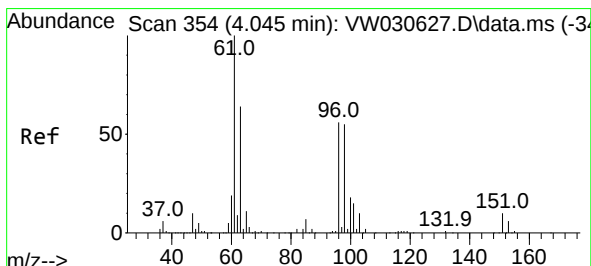
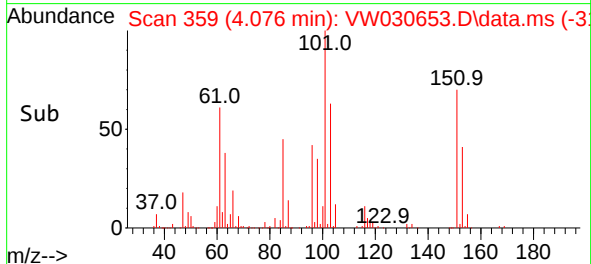
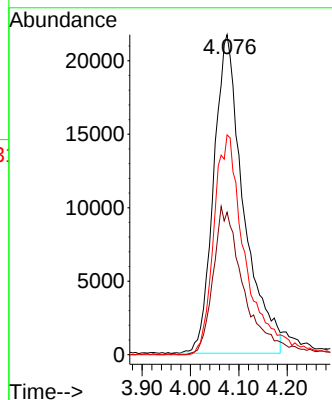
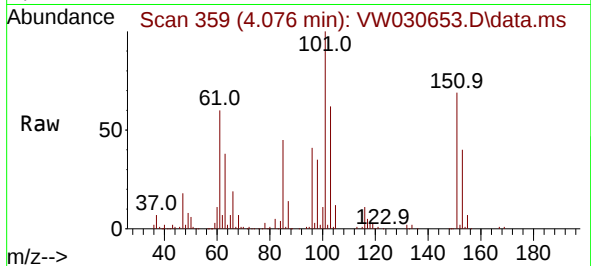




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.474 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW030653.D
 Acq: 18 Oct 2024 09:37

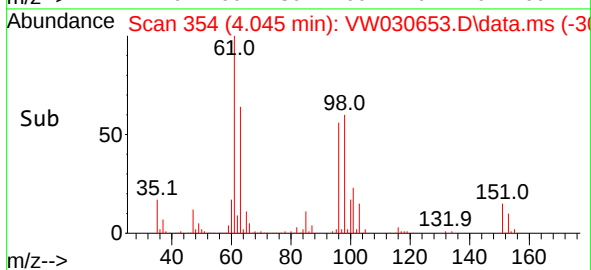
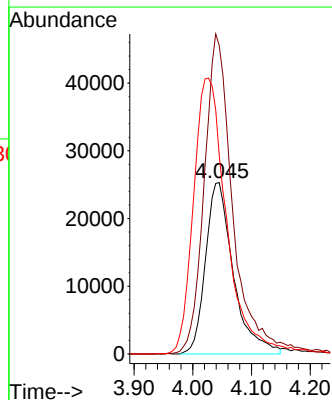
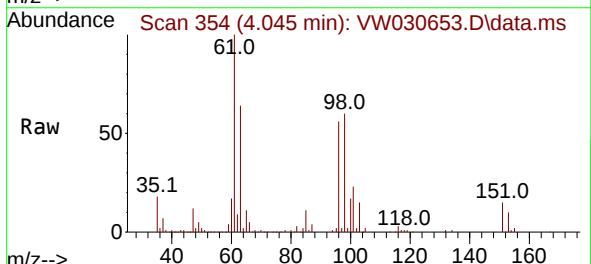
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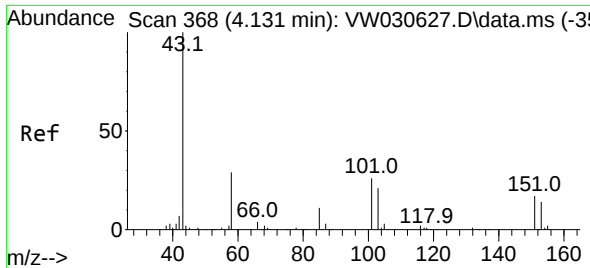
Tgt Ion:101 Resp: 92909
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.7 53.5
 151 26.8 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 24.102 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW030653.D
 Acq: 18 Oct 2024 09:37

Tgt Ion: 96 Resp: 83505
 Ion Ratio Lower Upper
 96 100
 61 180.0 121.3 225.3
 63 115.9 87.6 162.8





#13

Acetone

Concen: 41.902 ug/L

RT: 4.124 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

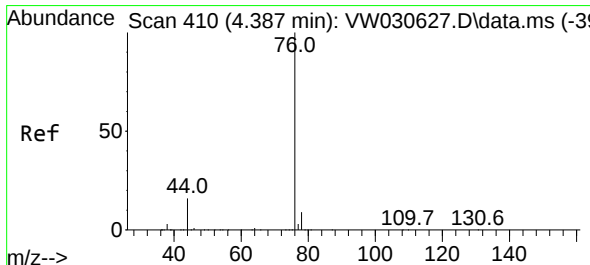
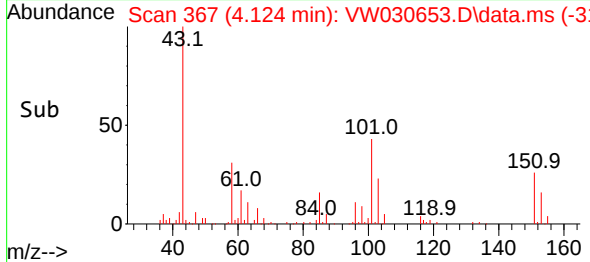
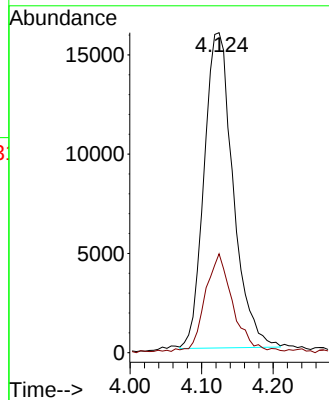
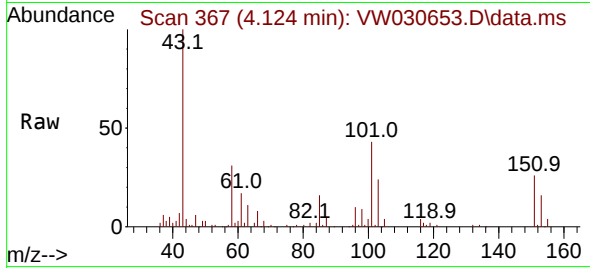
ClientSampleId :

Tgt Ion: 43 Resp: 44811

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.6



#14

Carbon disulfide

Concen: 22.160 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW030653.D

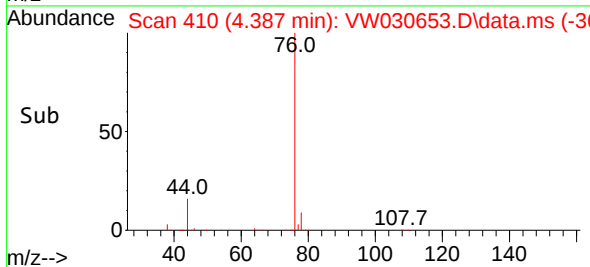
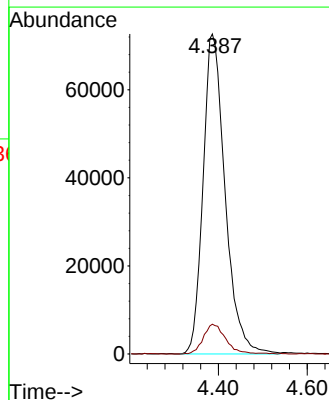
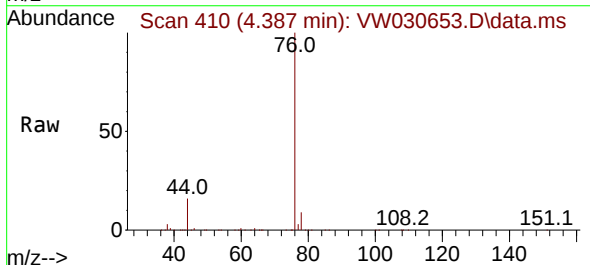
Acq: 18 Oct 2024 09:37

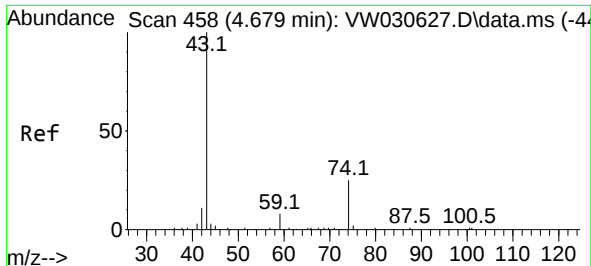
Tgt Ion: 76 Resp: 250707

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

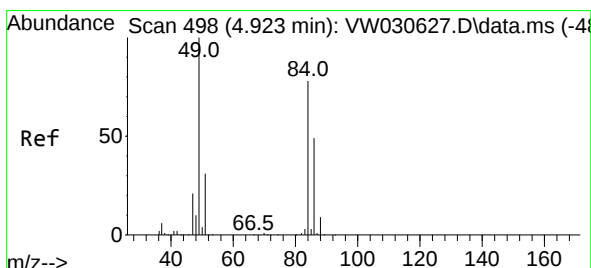
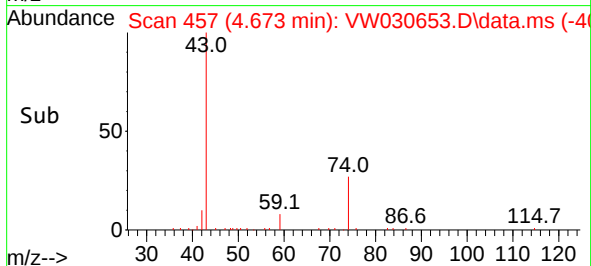
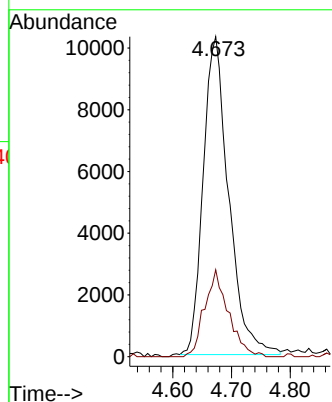
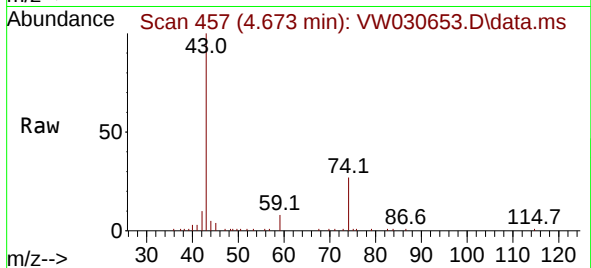




#15
Methyl Acetate
Concen: 23.513 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

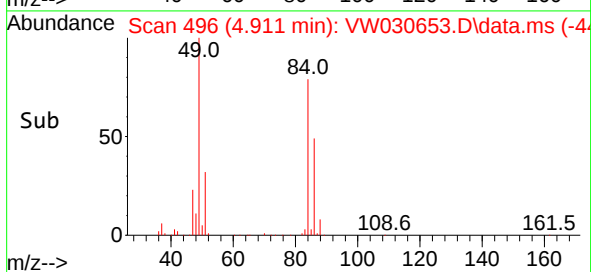
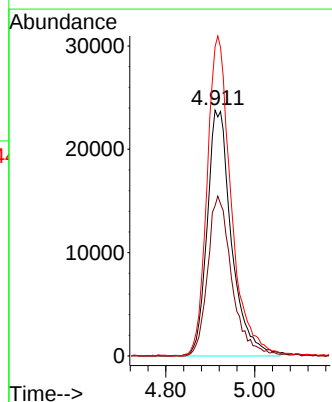
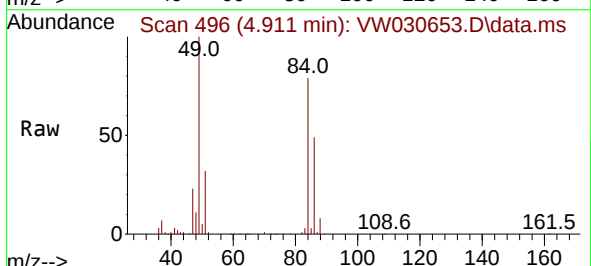
Instrument :
MSVOA_W
ClientSampleId :

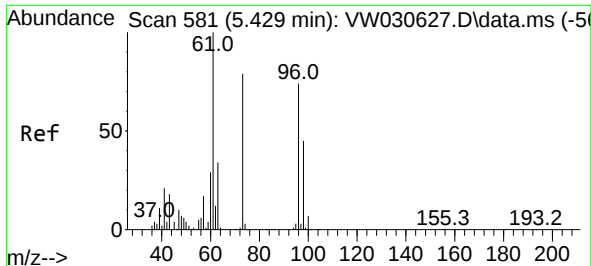
Tgt Ion: 43 Resp: 31061
Ion Ratio Lower Upper
43 100
74 25.2 19.3 28.9



#16
Methylene chloride
Concen: 23.208 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.012 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion: 84 Resp: 90604
Ion Ratio Lower Upper
84 100
86 61.1 43.8 81.3
49 125.9 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 24.808 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

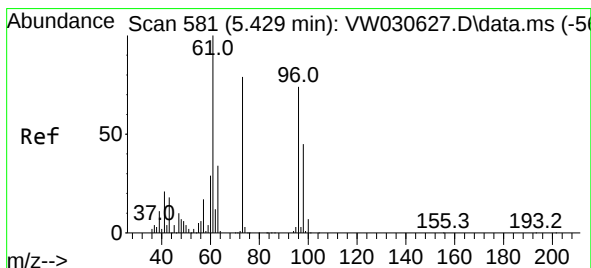
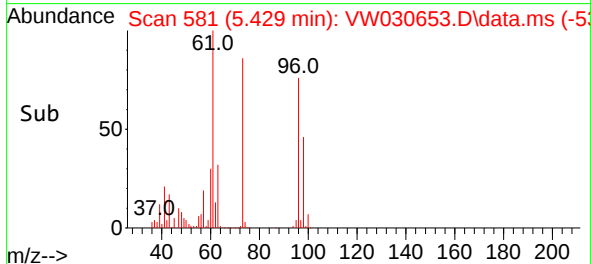
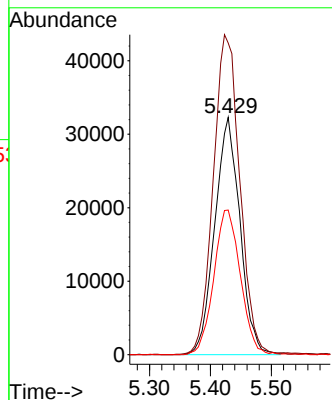
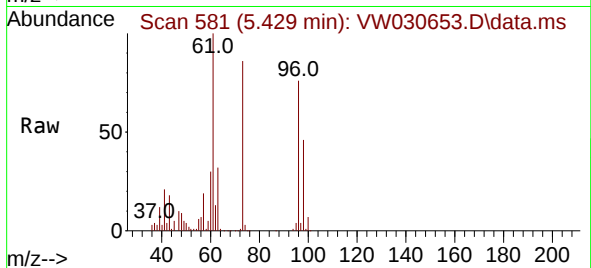
Tgt Ion: 96 Resp: 92745

Ion Ratio Lower Upper

96 100

61 131.4 96.9 179.9

98 61.0 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 24.019 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

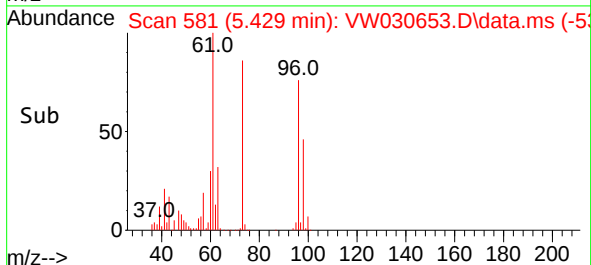
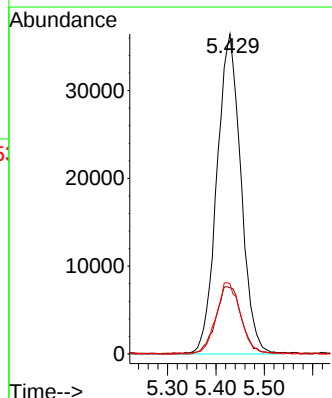
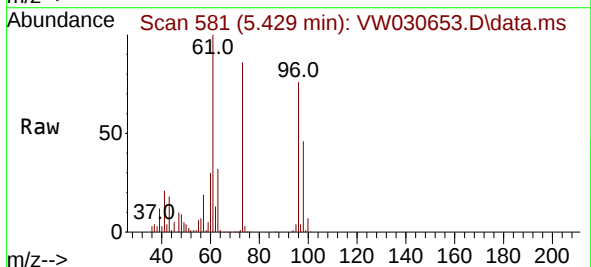
Tgt Ion: 73 Resp: 125672

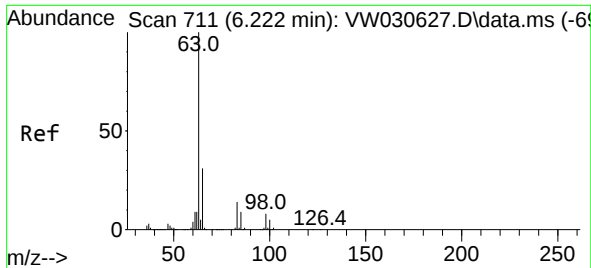
Ion Ratio Lower Upper

73 100

43 22.2 18.1 27.1

57 22.6 17.7 26.5

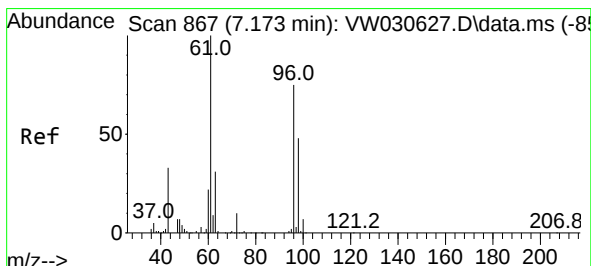
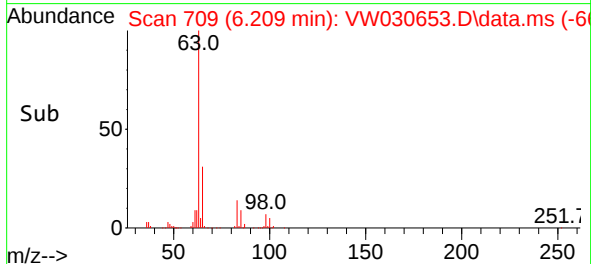
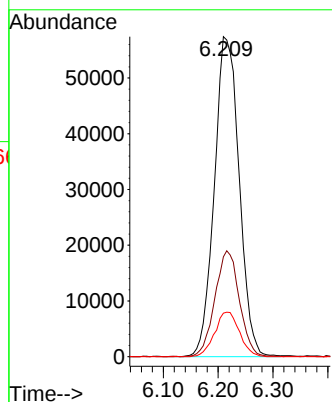
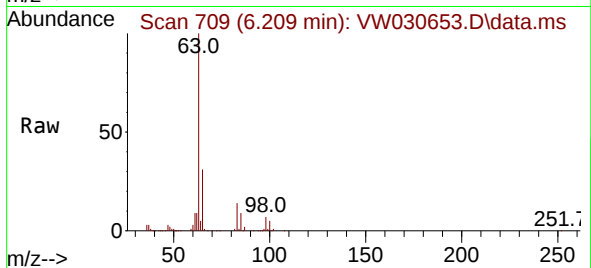




#19
 1,1-Dichloroethane
 Concen: 25.971 ug/L
 RT: 6.209 min Scan# 709
 Delta R.T. -0.012 min
 Lab File: VW030653.D
 Acq: 18 Oct 2024 09:37

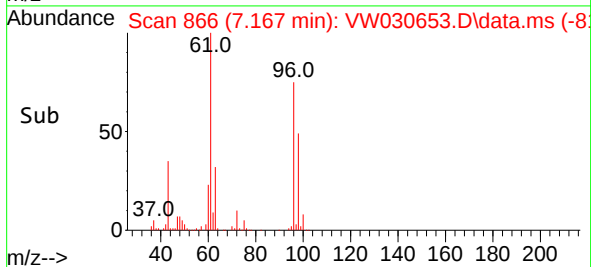
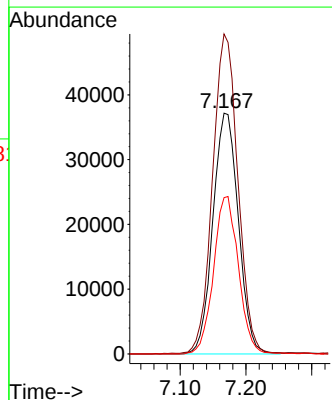
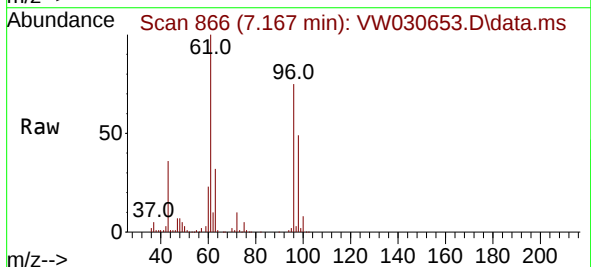
Instrument :
 MSVOA_W
 ClientSampleId :

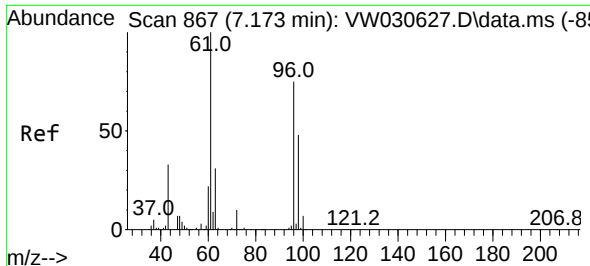
Tgt Ion: 63 Resp: 180456
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.5 41.9
 83 13.6 9.8 18.2



#20
 cis-1,2-Dichloroethene
 Concen: 25.142 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW030653.D
 Acq: 18 Oct 2024 09:37

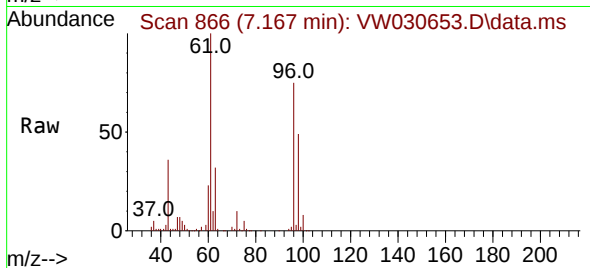
Tgt Ion: 96 Resp: 100255
 Ion Ratio Lower Upper
 96 100
 61 132.9 88.3 163.9
 98 64.9 41.3 76.7



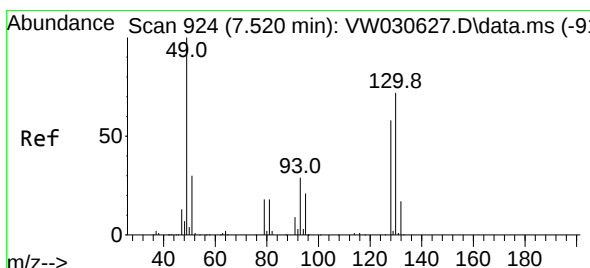
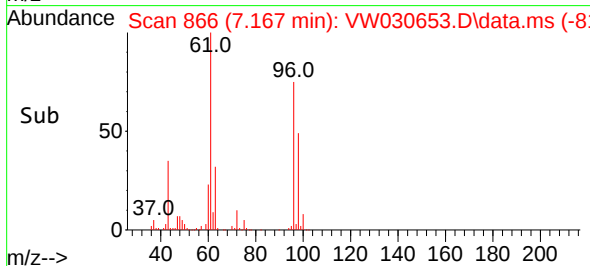
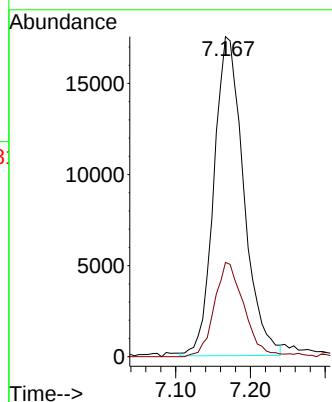


#22
2-Butanone
Concen: 42.164 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Instrument :
MSVOA_W
ClientSampleId :

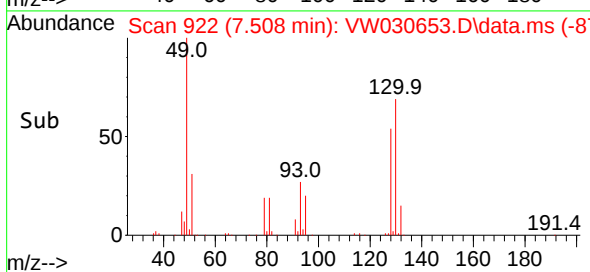
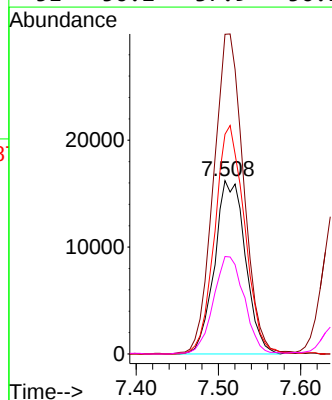
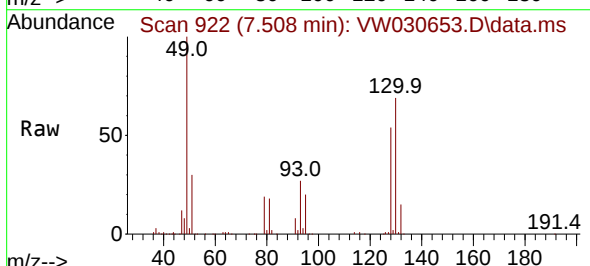


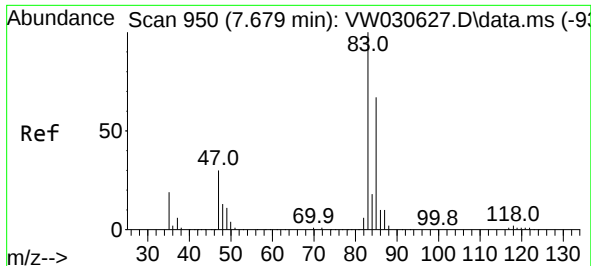
Tgt Ion: 43 Resp: 48605
Ion Ratio Lower Upper
43 100
72 29.2 14.4 43.0



#23
Bromochloromethane
Concen: 24.225 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.012 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion:128 Resp: 42259
Ion Ratio Lower Upper
128 100
49 184.4 110.1 204.5
130 126.7 82.9 153.9
51 56.2 37.9 56.9

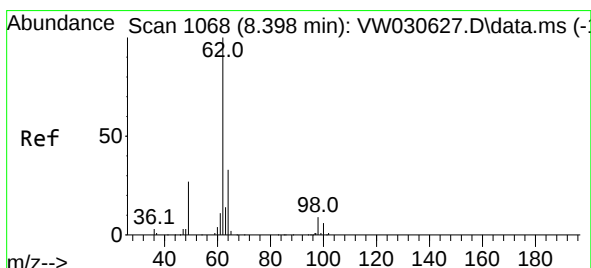
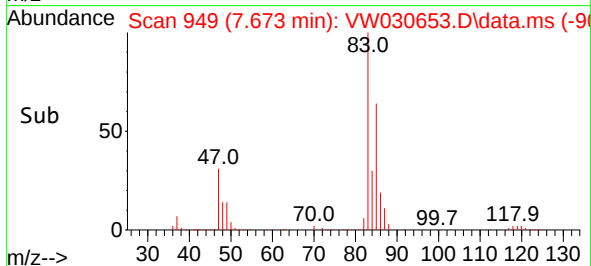
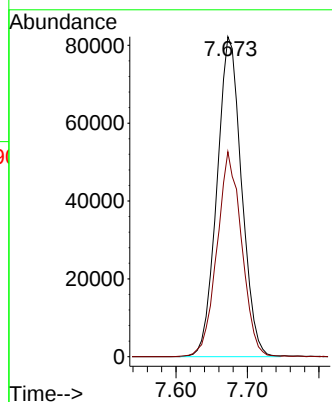
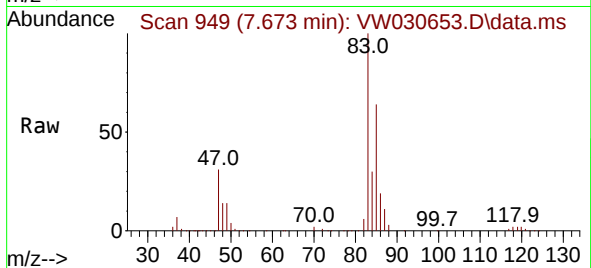




#25
Chloroform
Concen: 26.460 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

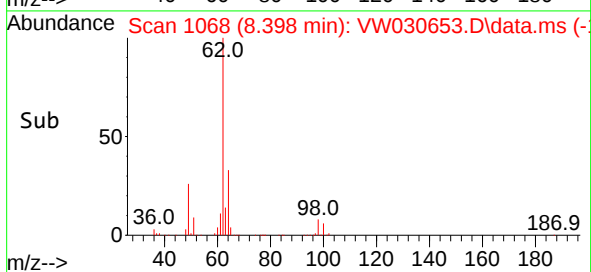
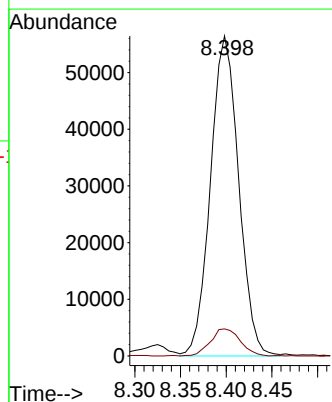
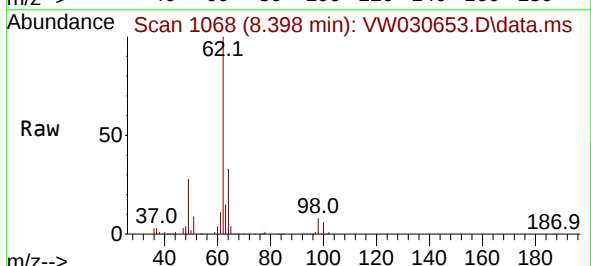
Instrument :
MSVOA_W
ClientSampleId :

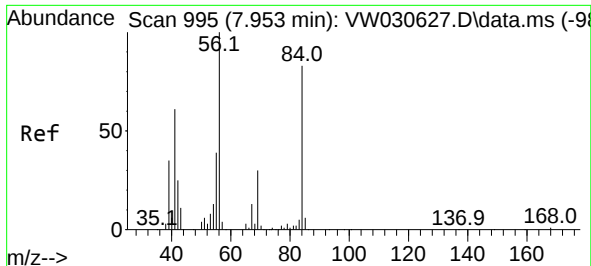
Tgt Ion: 83 Resp: 196473
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.745 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion: 62 Resp: 121214
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 25.207 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

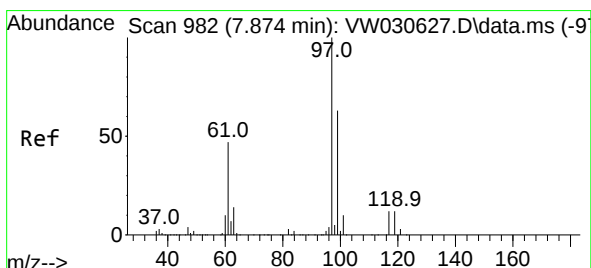
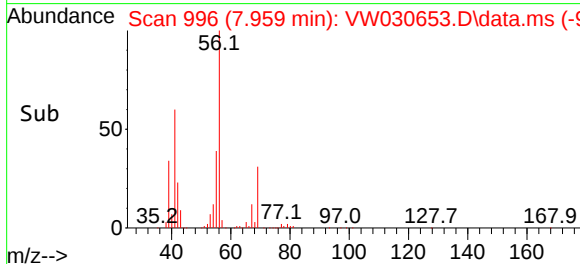
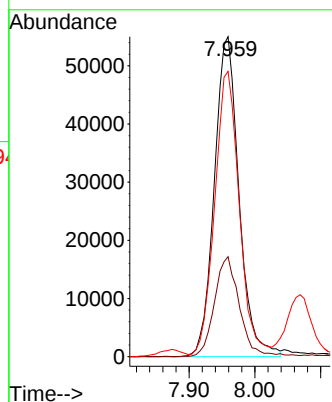
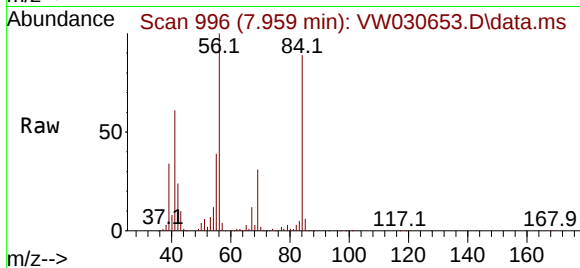
Tgt Ion: 56 Resp: 143816

Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 87.8 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 25.047 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

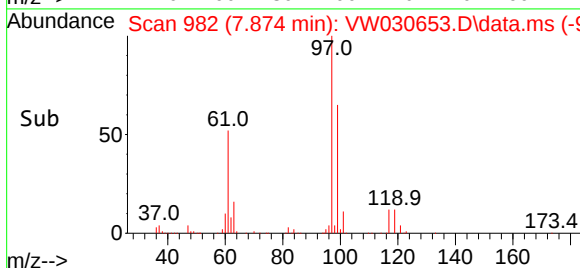
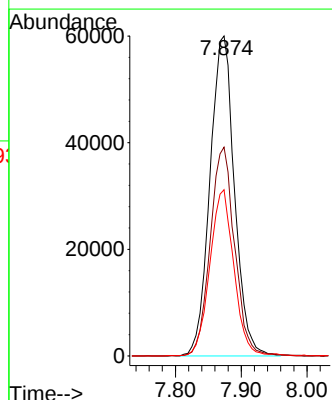
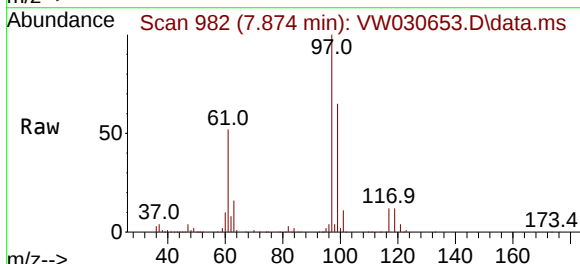
Tgt Ion: 97 Resp: 155840

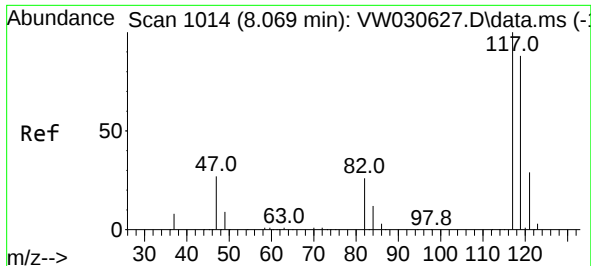
Ion Ratio Lower Upper

97 100

99 65.1 52.3 78.5

61 50.8 38.5 57.7

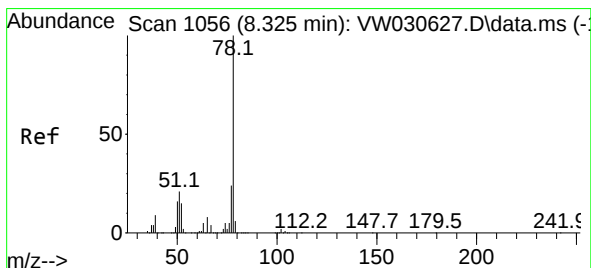
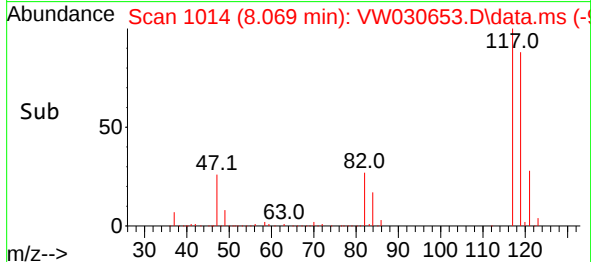
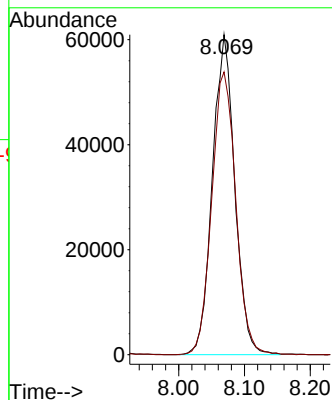
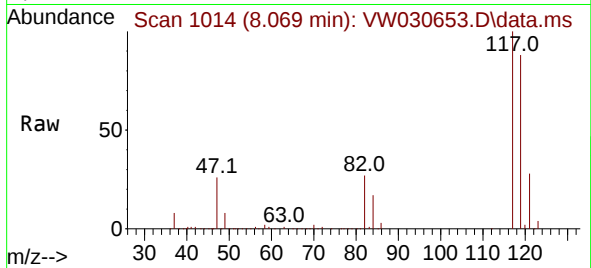




#31
Carbon tetrachloride
Concen: 25.958 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

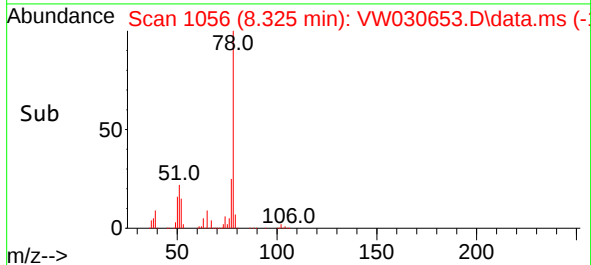
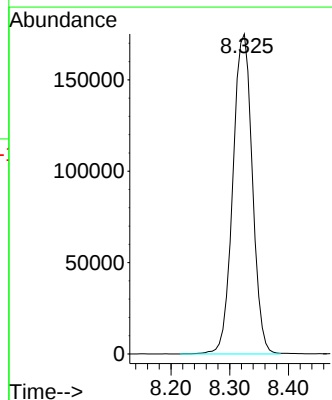
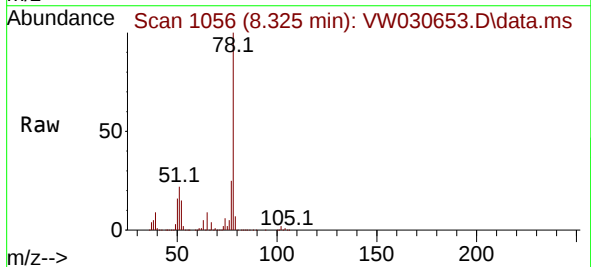
Instrument :
MSVOA_W
ClientSampleId :

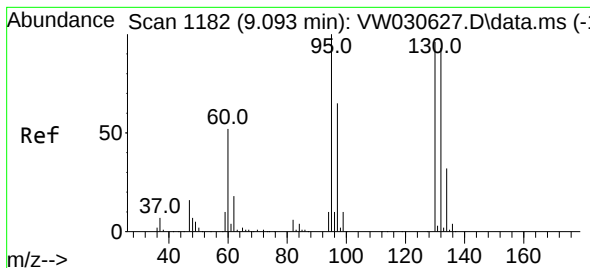
Tgt Ion:117 Resp: 144249
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.8



#33
Benzene
Concen: 26.427 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion: 78 Resp: 403084





#34

Trichloroethene

Concen: 25.275 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

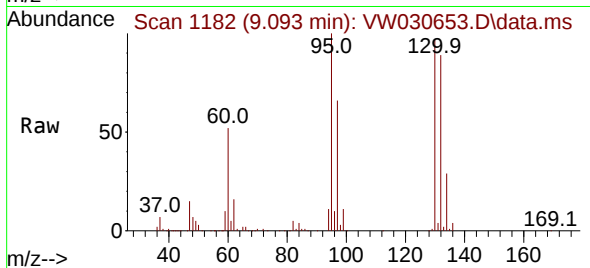
Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 107250

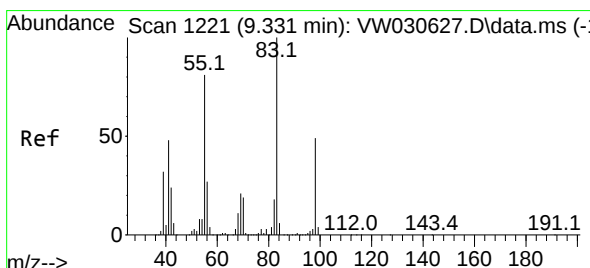
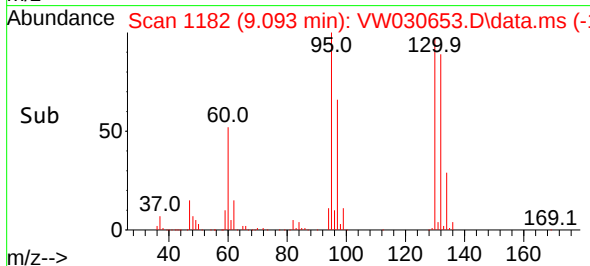
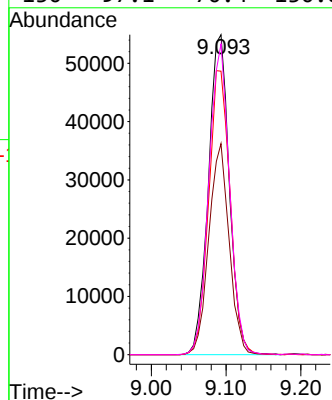
Ion Ratio Lower Upper

95 100

97 65.9 45.9 85.3

132 88.6 66.4 123.2

130 97.1 70.4 130.8



#35

Methylcyclohexane

Concen: 25.040 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

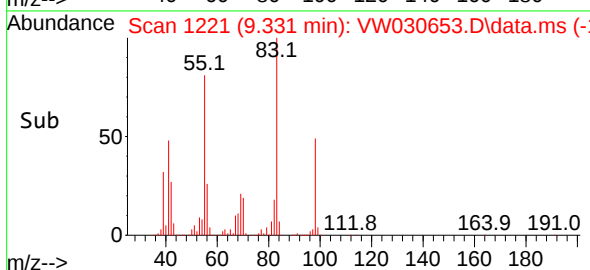
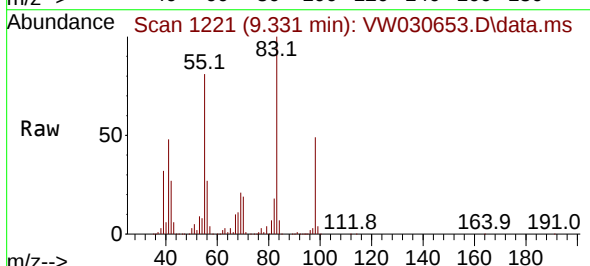
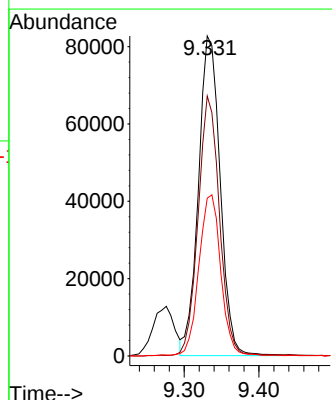
Tgt Ion: 83 Resp: 167220

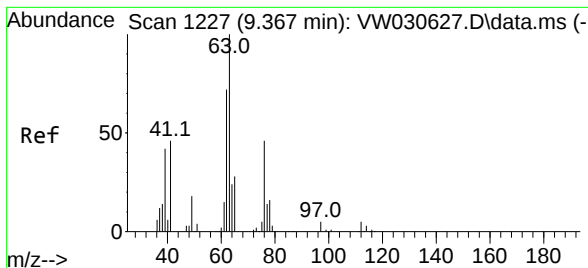
Ion Ratio Lower Upper

83 100

55 79.7 61.8 92.8

98 50.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 26.742 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

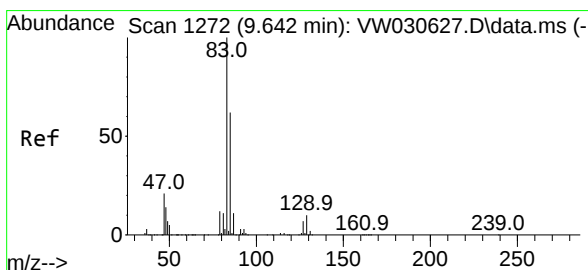
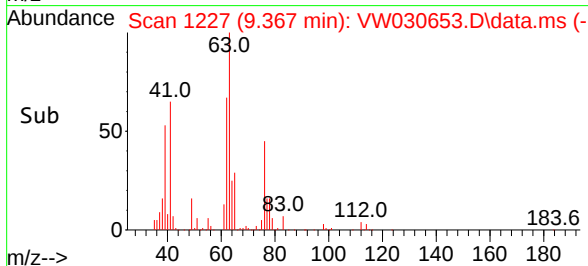
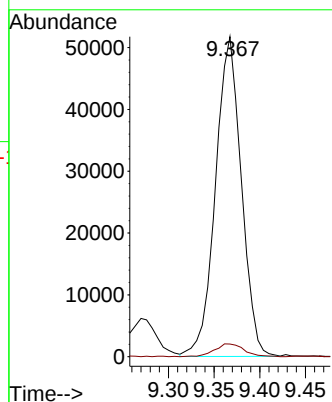
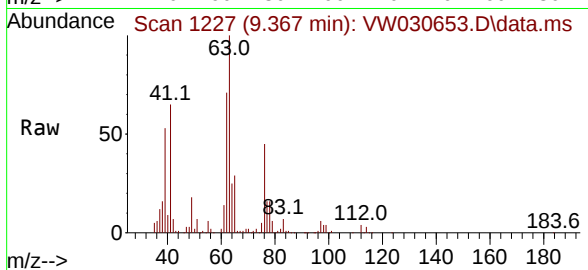
ClientSampleId :

Tgt Ion: 63 Resp: 101869

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 26.534 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

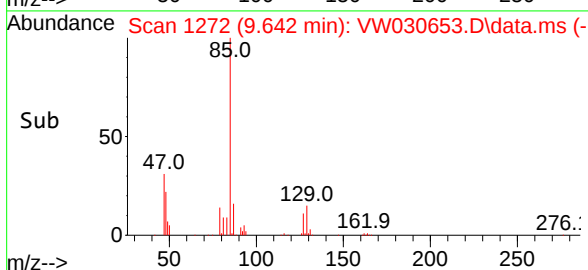
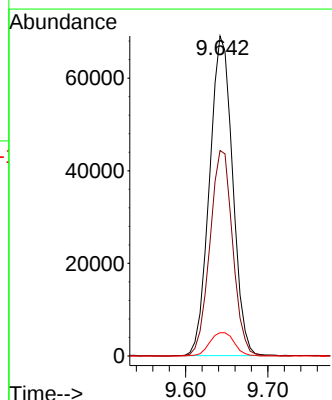
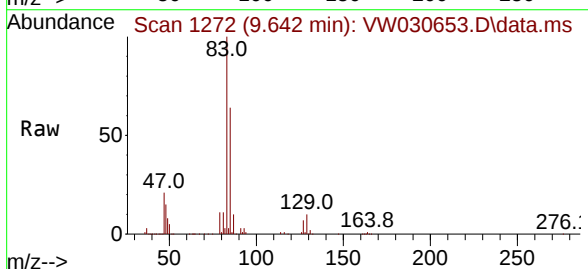
Tgt Ion: 83 Resp: 134480

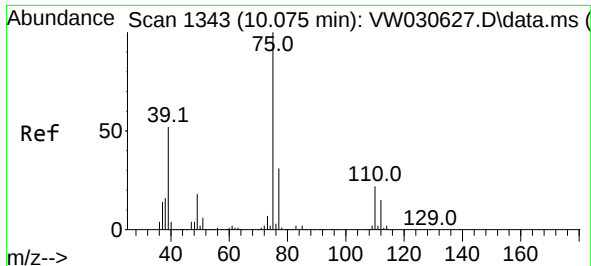
Ion Ratio Lower Upper

83 100

85 64.2 44.2 82.0

127 7.3 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 25.402 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

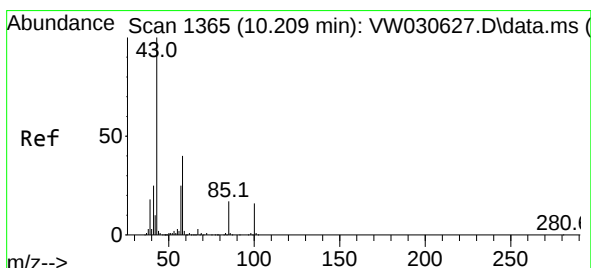
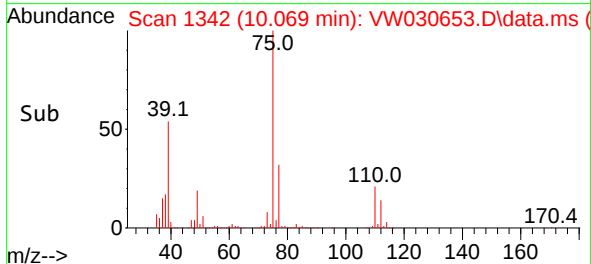
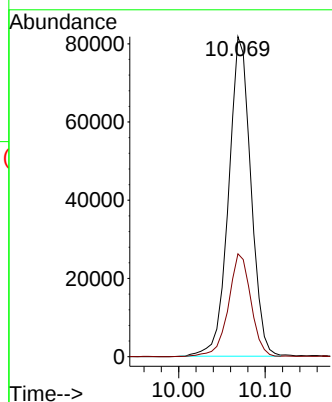
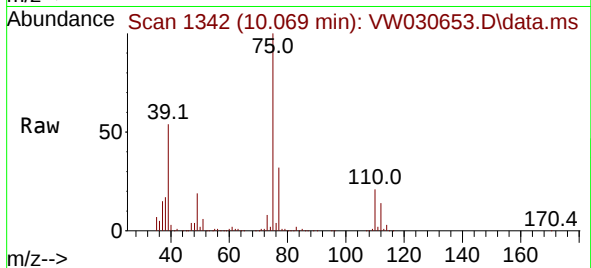
ClientSampleId :

Tgt Ion: 75 Resp: 145959

Ion Ratio Lower Upper

75 100

77 32.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 49.265 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

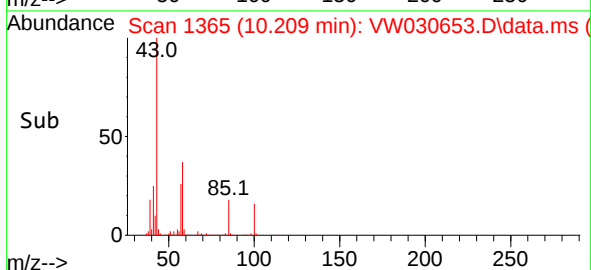
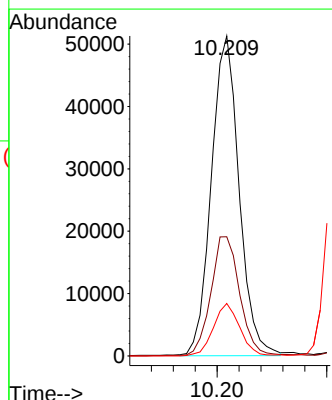
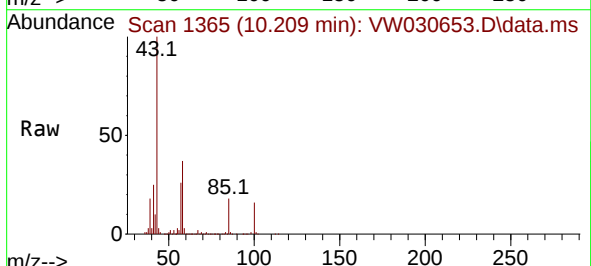
Tgt Ion: 43 Resp: 90158

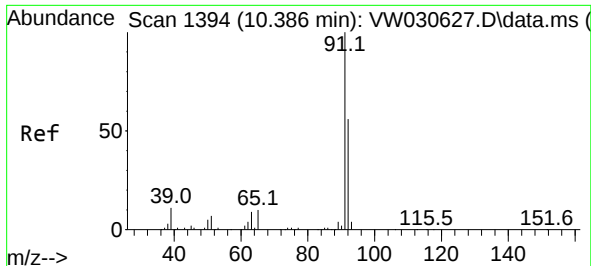
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2

100 15.6 13.1 19.7

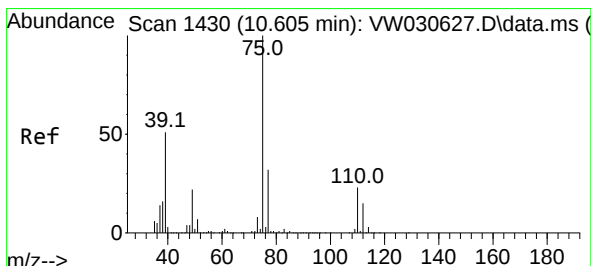
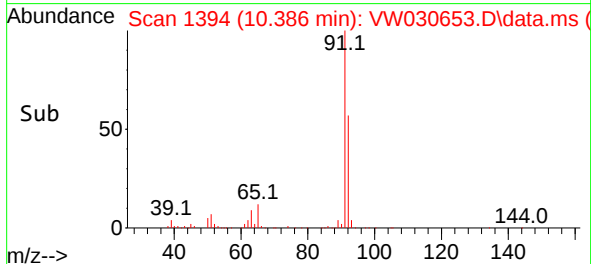
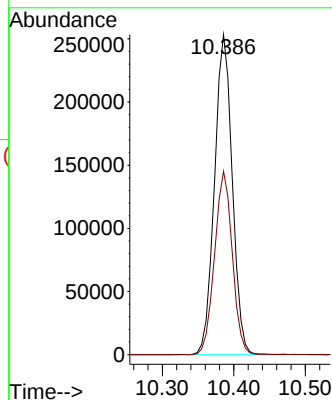
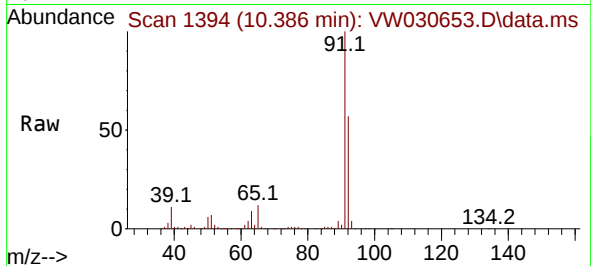




#42
Toluene
Concen: 26.862 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

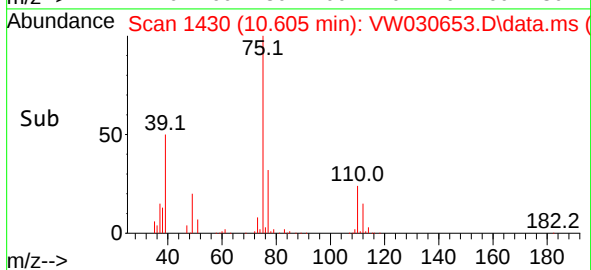
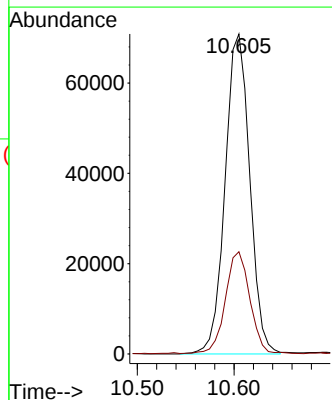
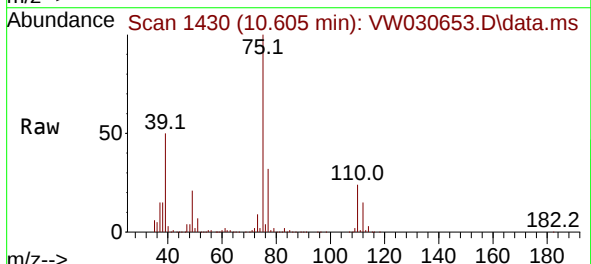
Instrument :
MSVOA_W
ClientSampleId :

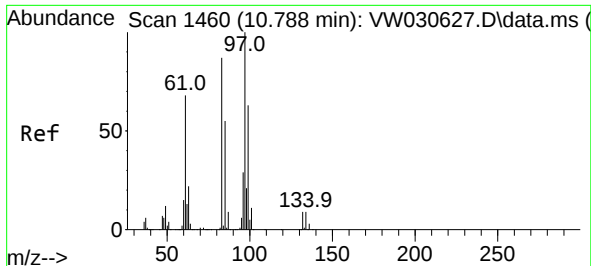
Tgt Ion: 91 Resp: 437099
Ion Ratio Lower Upper
91 100
92 57.4 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 25.993 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion: 75 Resp: 125507
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 25.142 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

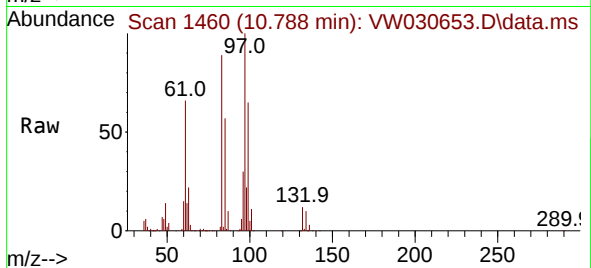
Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 69220

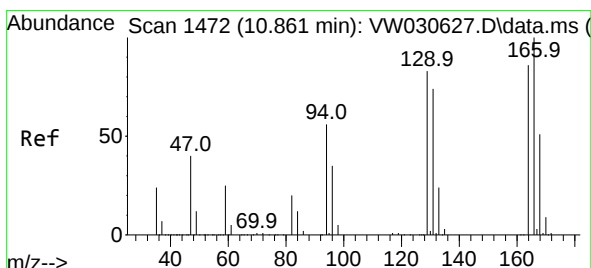
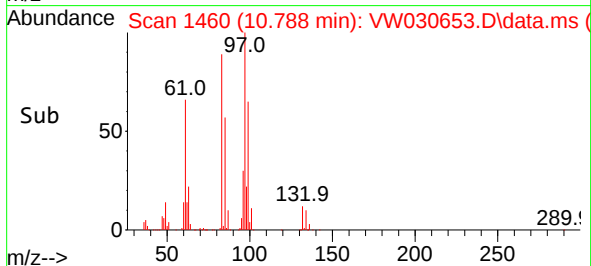
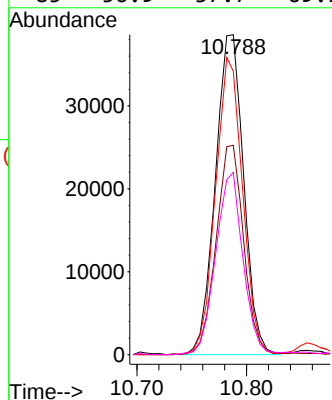
Ion Ratio Lower Upper

97 100

99 65.4 41.2 76.6

83 88.5 59.6 110.6

85 56.9 37.7 69.9



#46

Tetrachloroethene

Concen: 25.510 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Tgt Ion: 164 Resp: 79839

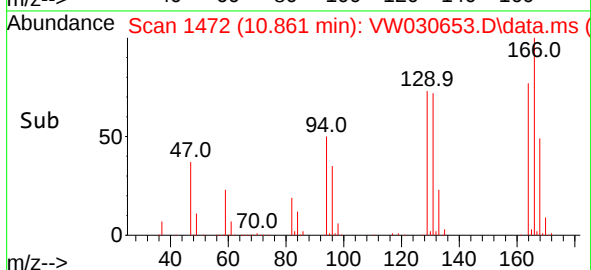
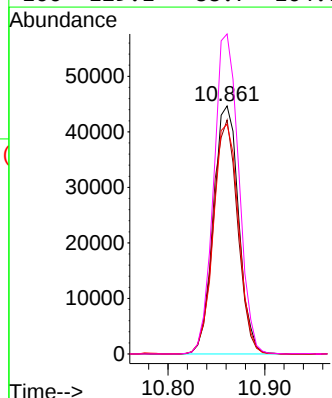
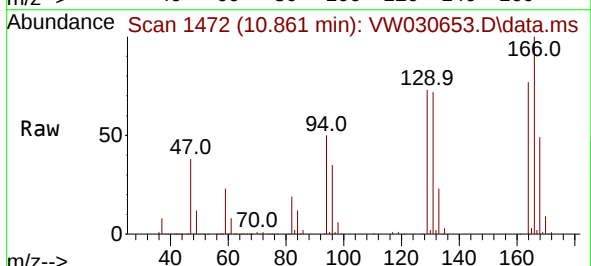
Ion Ratio Lower Upper

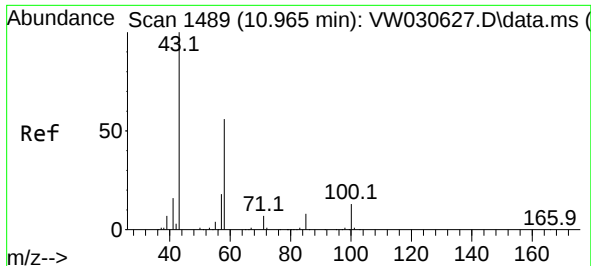
164 100

129 94.3 66.6 123.6

131 92.7 63.7 118.3

166 129.1 88.7 164.7

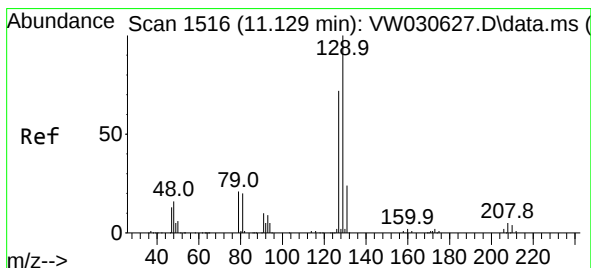
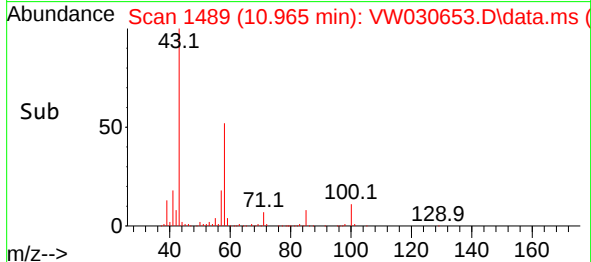
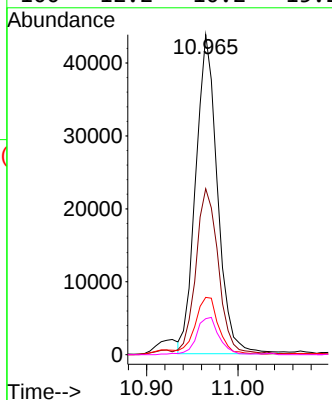
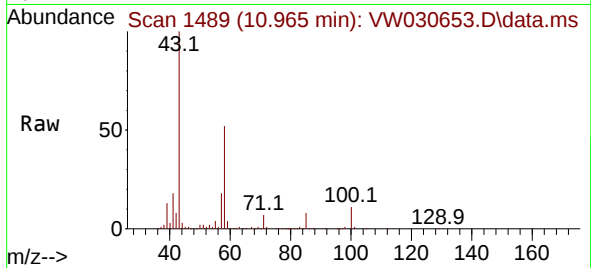




#48
2-Hexanone
Concen: 48.411 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

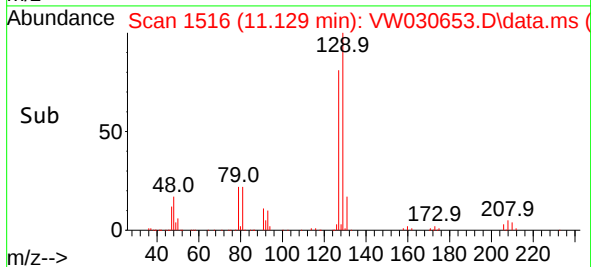
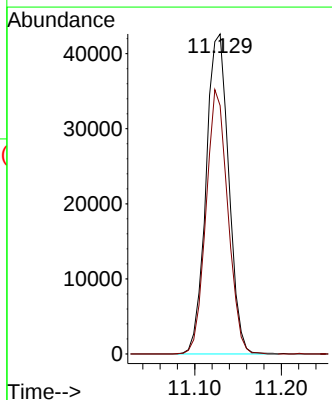
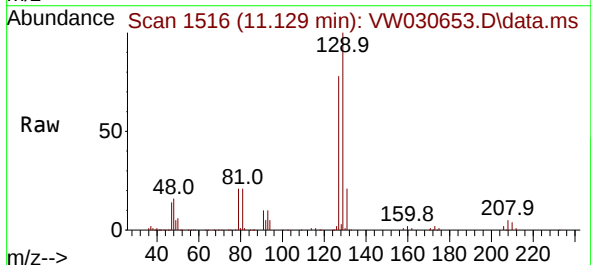
Instrument :
MSVOA_W
ClientSampleId :

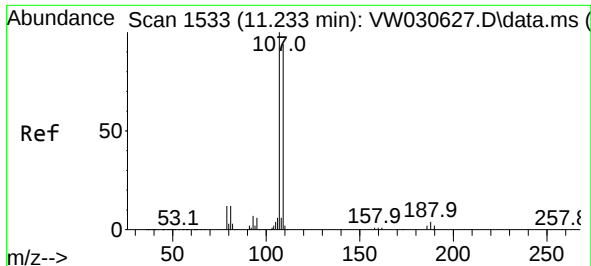
Tgt Ion:	43	Resp:	72452
Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.6	67.0
57	19.3	15.8	23.8
100	12.2	10.2	15.2



#49
Dibromochloromethane
Concen: 25.181 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion:	129	Resp:	77356
Ion	Ratio	Lower	Upper
129	100		
127	77.6	56.5	104.9

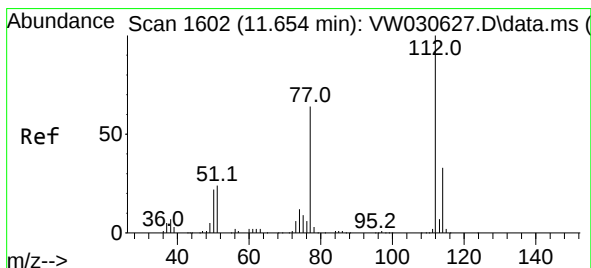
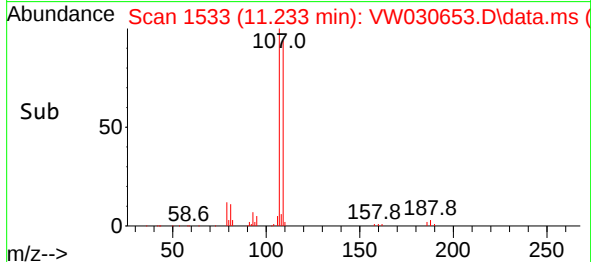
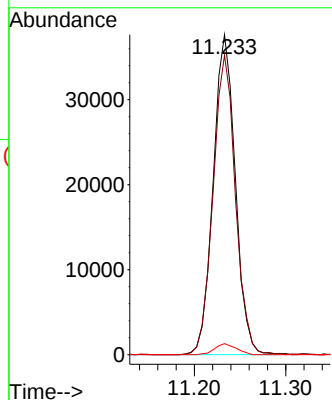
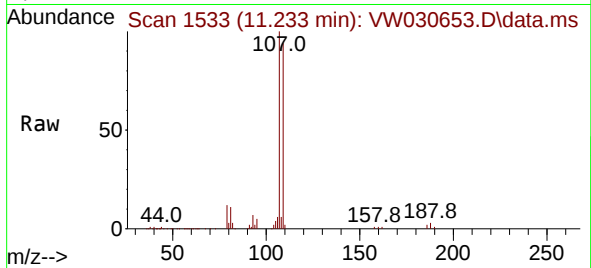




#50
1,2-Dibromoethane
Concen: 24.589 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

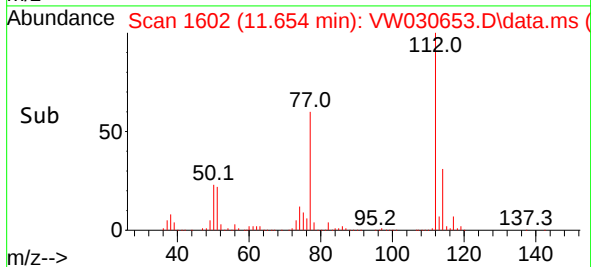
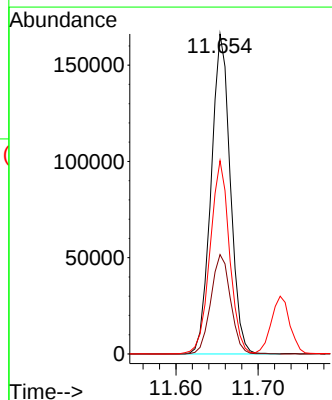
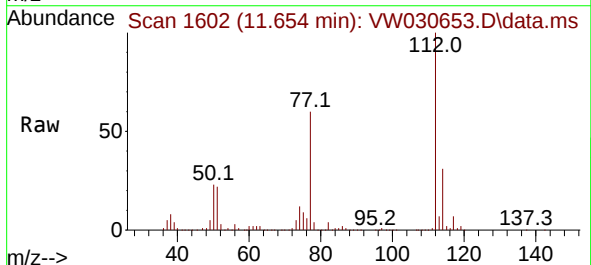
Instrument :
MSVOA_W
ClientSampleId :

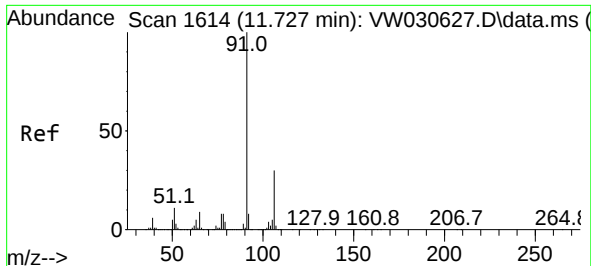
Tgt Ion:	107	Resp:	63168
Ion	Ratio	Lower	Upper
107	100		
109	93.6	63.8	118.6
188	3.4	2.6	3.8



#51
Chlorobenzene
Concen: 25.705 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion:	112	Resp:	269258
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.4	41.6
77	60.4	47.1	70.7

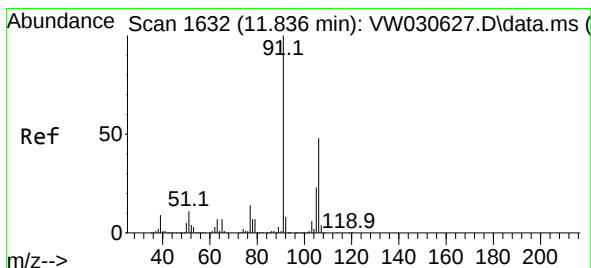
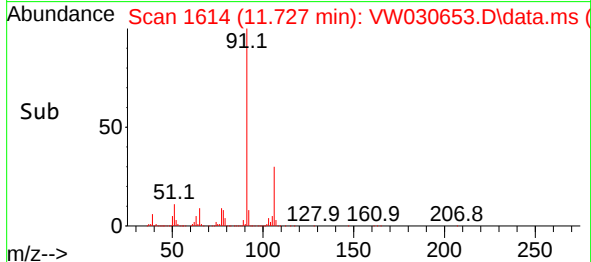
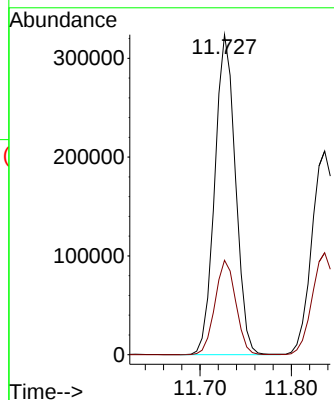
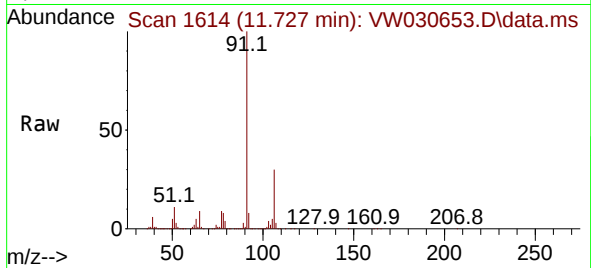




#52
Ethylbenzene
Concen: 27.412 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

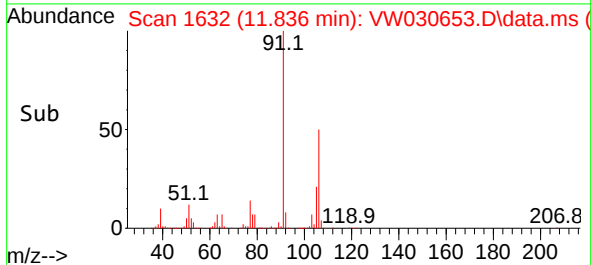
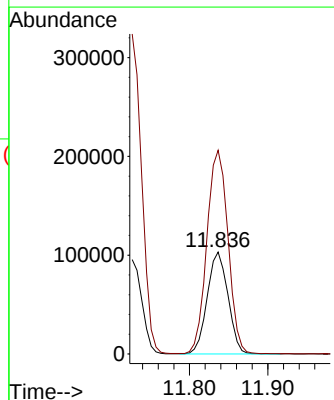
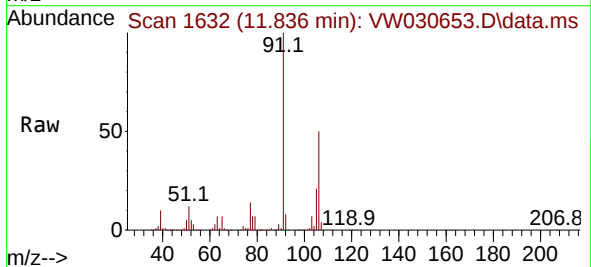
Instrument :
MSVOA_W
ClientSampleId :

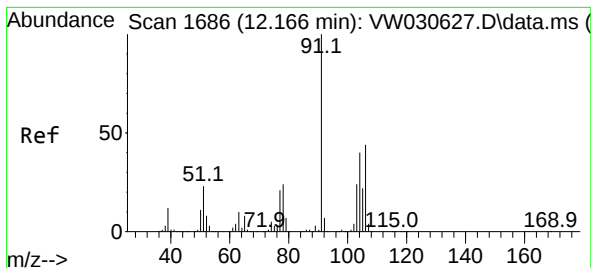
Tgt Ion: 91 Resp: 508981
Ion Ratio Lower Upper
91 100
106 29.5 21.1 39.1



#53
m,p-Xylene
Concen: 27.284 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion:106 Resp: 189794
Ion Ratio Lower Upper
106 100
91 199.7 140.6 261.2





#54

o-Xylene

Concen: 26.853 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

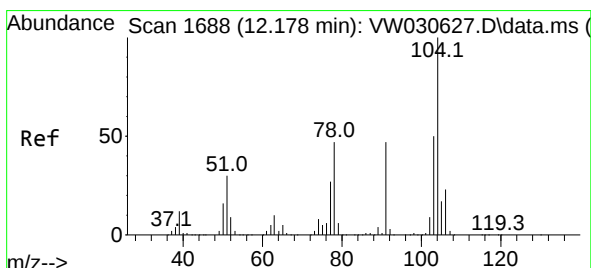
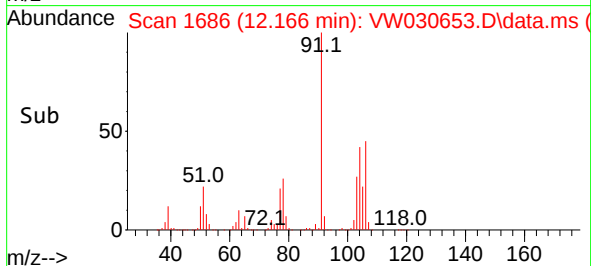
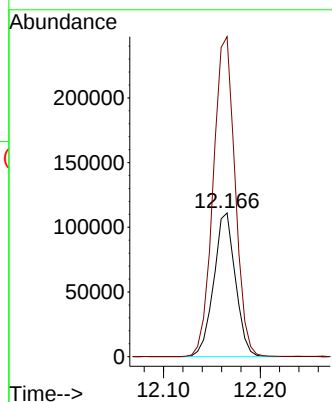
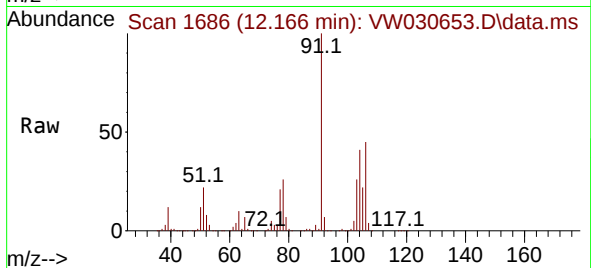
ClientSampleId :

Tgt Ion:106 Resp: 172691

Ion Ratio Lower Upper

106 100

91 222.8 144.5 268.4



#55

Styrene

Concen: 27.660 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030653.D

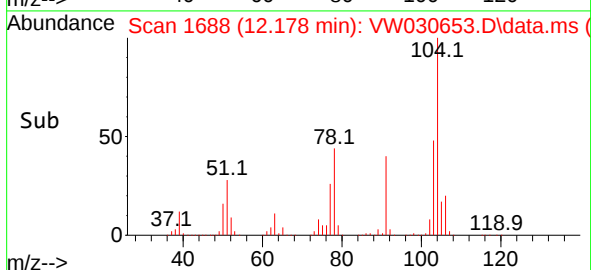
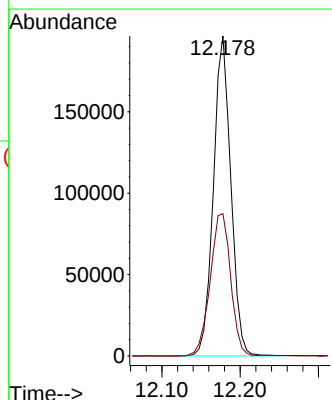
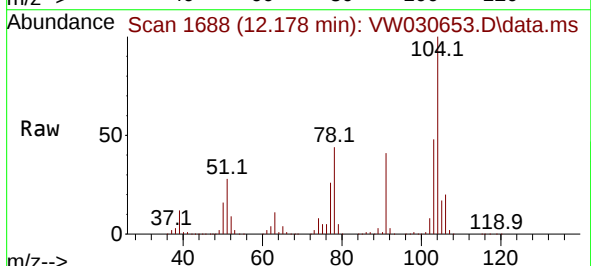
Acq: 18 Oct 2024 09:37

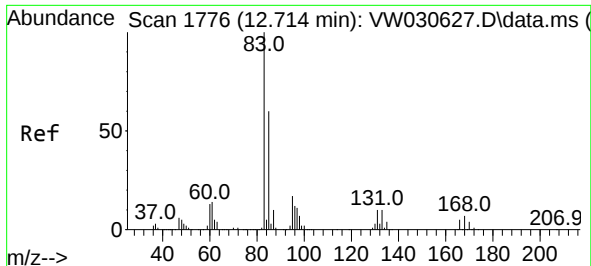
Tgt Ion:104 Resp: 304095

Ion Ratio Lower Upper

104 100

78 44.5 34.3 63.7





#57

1,1,2-Tetrachloroethane

Concen: 25.700 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030653.D

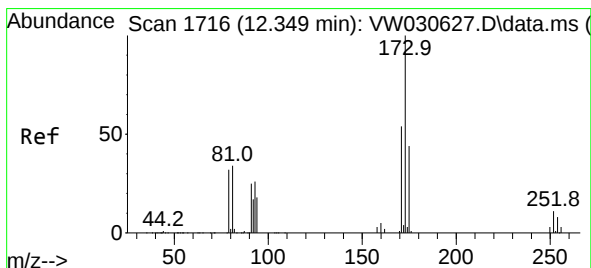
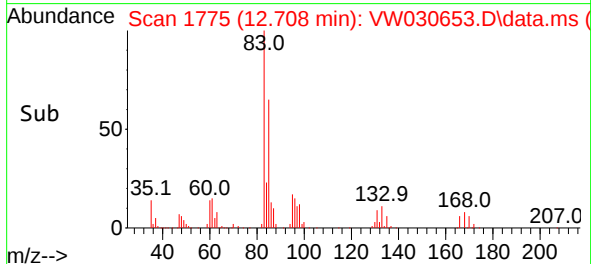
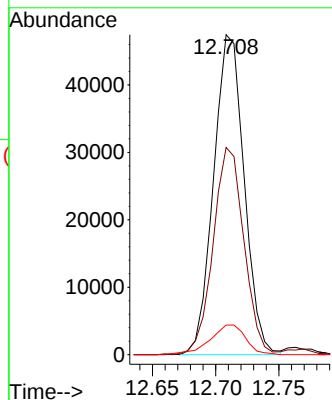
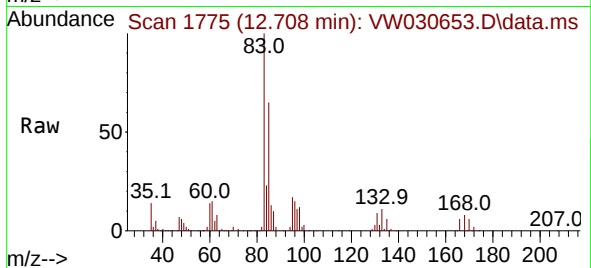
Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 79790
Ion Ratio	Lower Upper
83 100	
85 64.7	42.6 79.2
131 9.3	7.4 11.0



#59

Bromoform

Concen: 22.732 ug/L

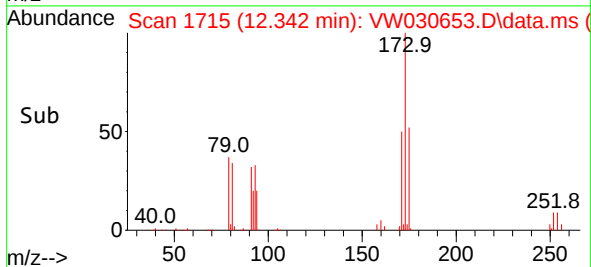
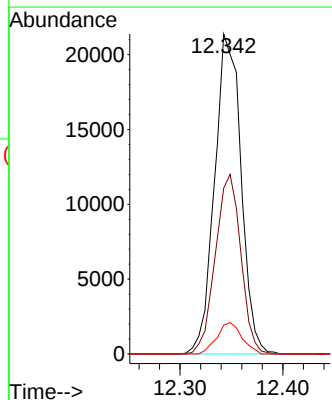
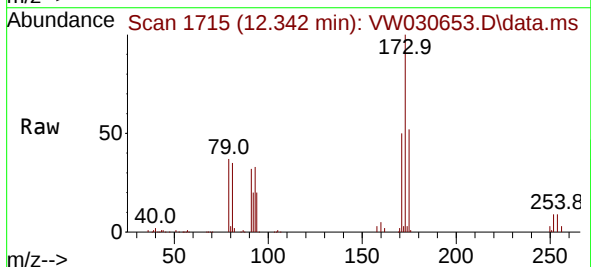
RT: 12.342 min Scan# 1715

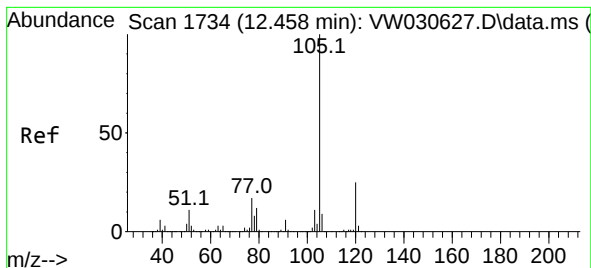
Delta R.T. -0.006 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Tgt Ion: 173	Resp: 38208
Ion Ratio	Lower Upper
173 100	
175 53.9	39.0 58.4
254 9.3	7.7 11.5





#60

Isopropylbenzene

Concen: 27.420 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

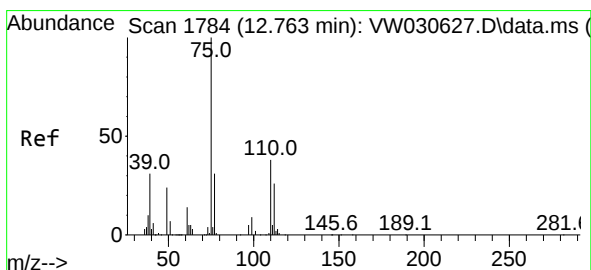
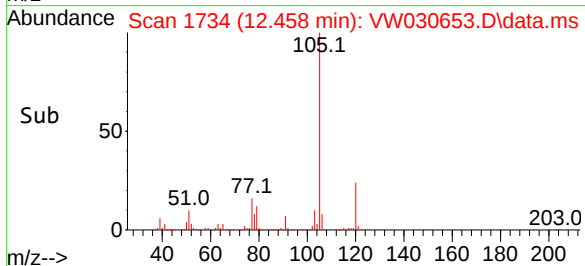
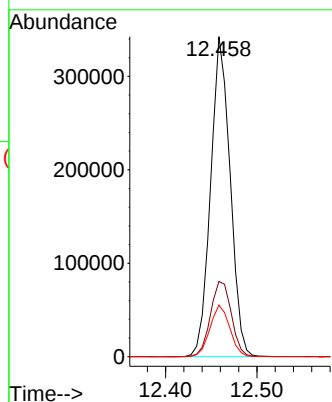
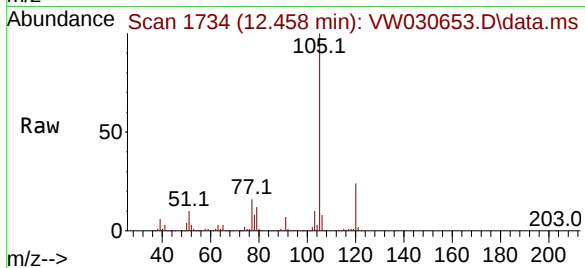
Tgt Ion:105 Resp: 507998

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 16.3 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.949 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

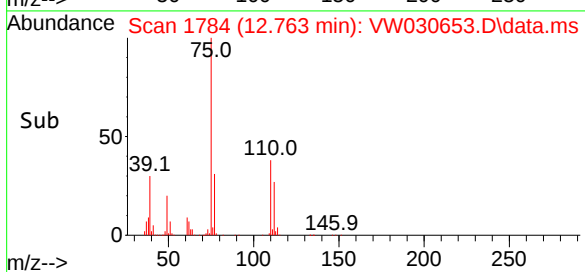
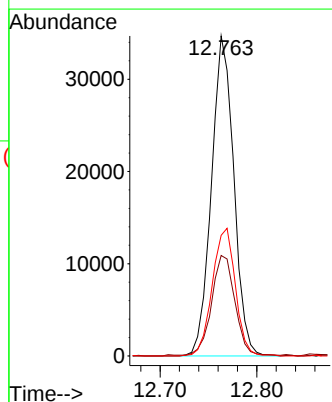
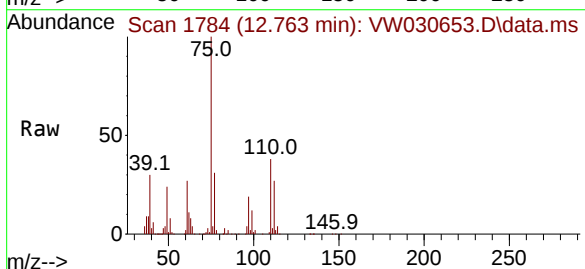
Tgt Ion: 75 Resp: 55752

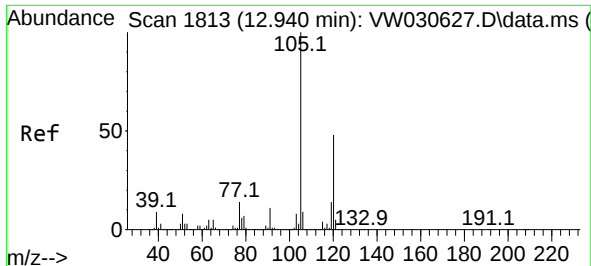
Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

110 41.1 32.3 48.5

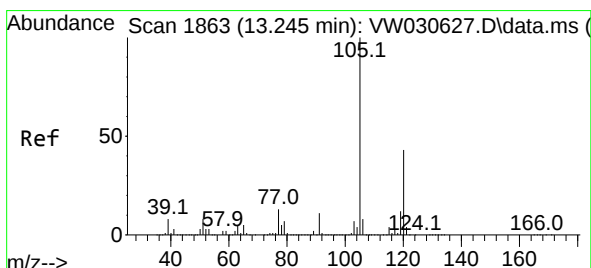
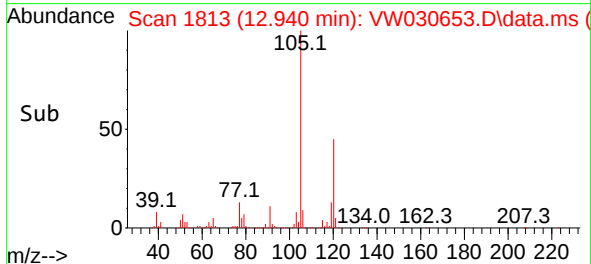
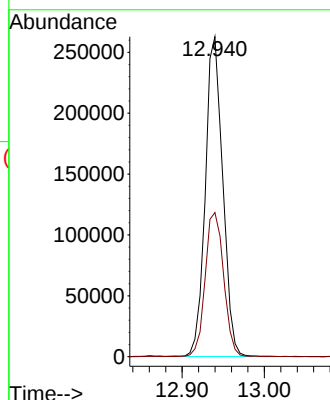
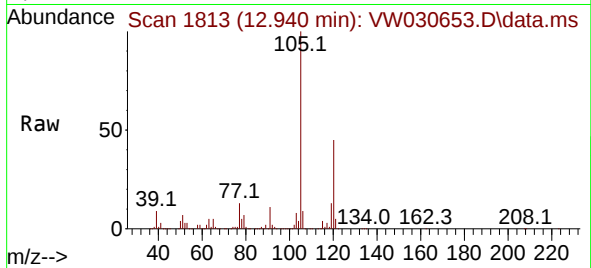




#62
1,3,5-Trimethylbenzene
Concen: 26.503 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

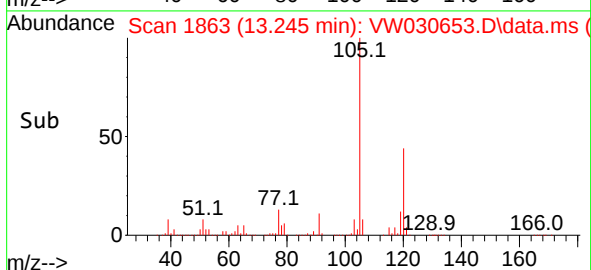
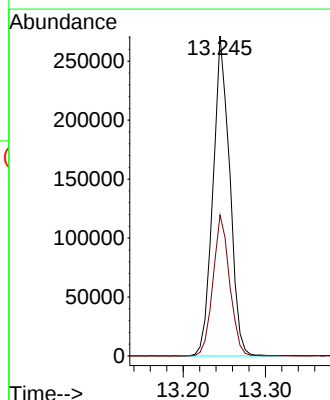
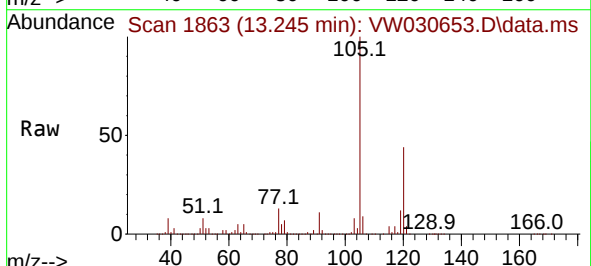
Instrument :
MSVOA_W
ClientSampleId :

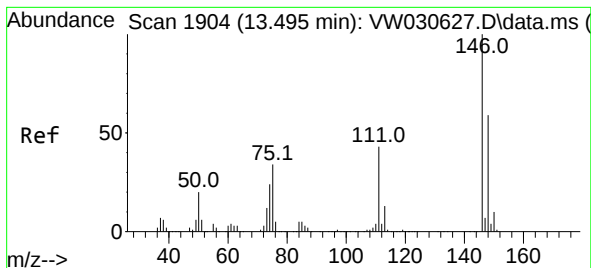
Tgt Ion:105 Resp: 387377
Ion Ratio Lower Upper
105 100
120 47.9 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 26.776 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030653.D
Acq: 18 Oct 2024 09:37

Tgt Ion:105 Resp: 383181
Ion Ratio Lower Upper
105 100
120 43.8 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 26.214 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

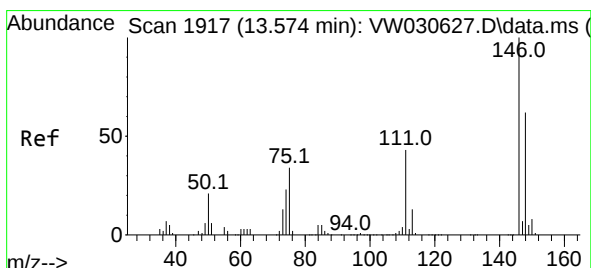
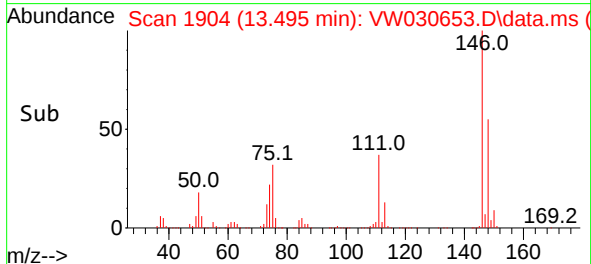
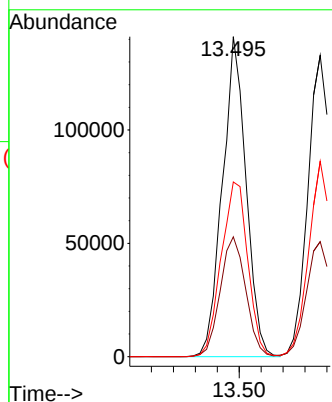
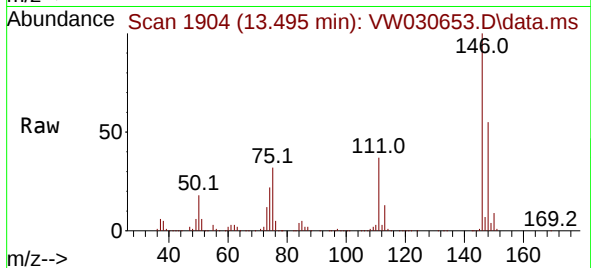
Tgt Ion:146 Resp: 211397

Ion Ratio Lower Upper

146 100

111 37.5 31.2 58.0

148 54.6 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 25.112 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

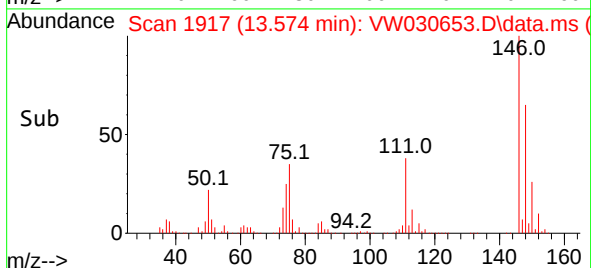
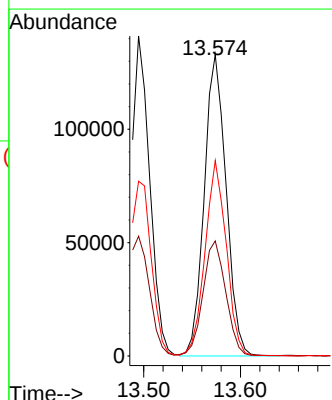
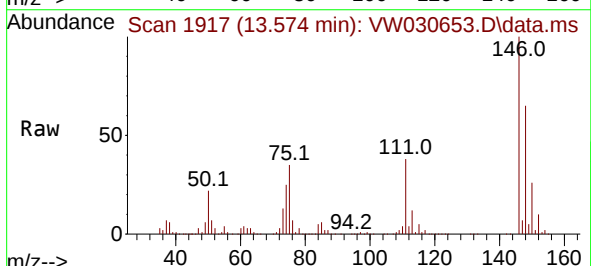
Tgt Ion:146 Resp: 209099

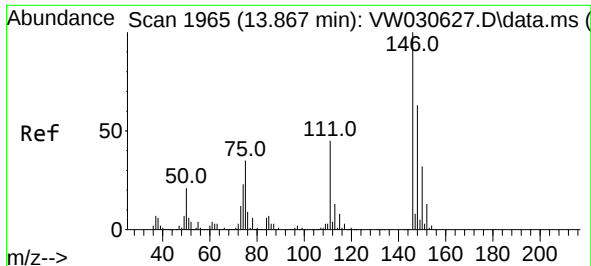
Ion Ratio Lower Upper

146 100

111 38.2 26.8 49.8

148 64.8 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 26.179 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

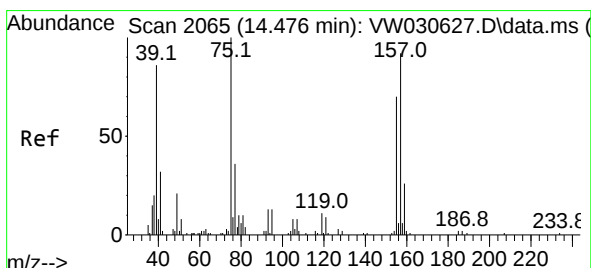
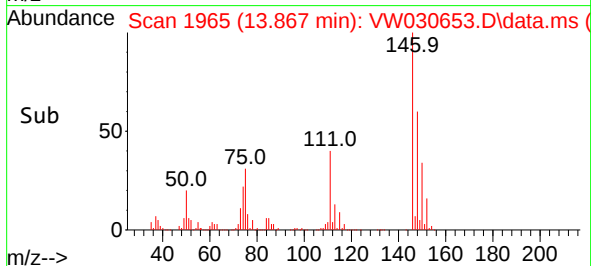
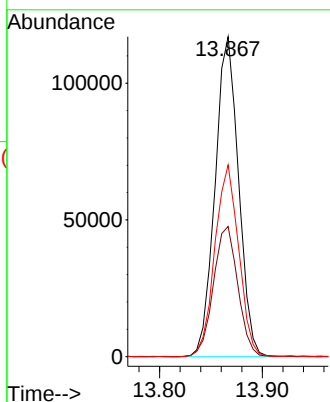
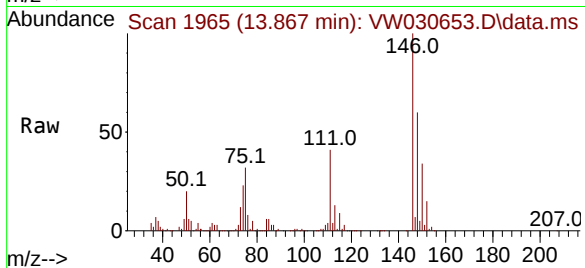
Tgt Ion:146 Resp: 185771

Ion Ratio Lower Upper

146 100

111 40.7 34.6 52.0

148 59.9 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 21.835 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

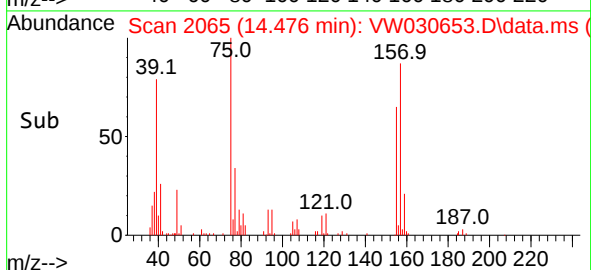
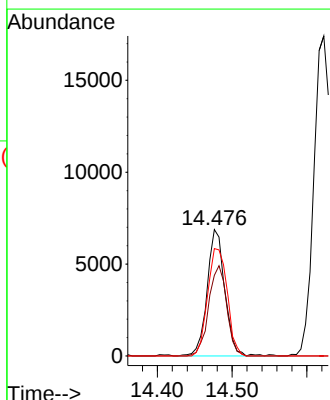
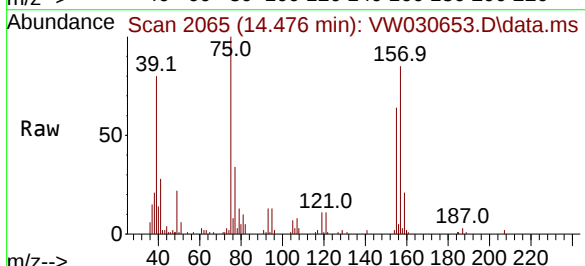
Tgt Ion: 75 Resp: 11334

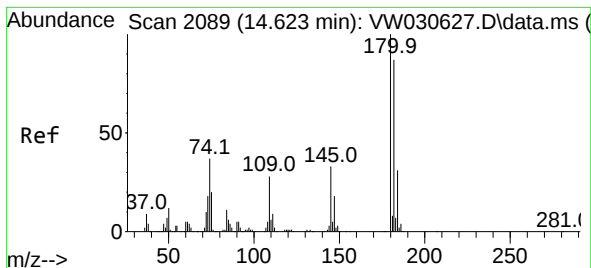
Ion Ratio Lower Upper

75 100

155 63.8 57.9 86.9

157 84.9 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 25.126 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

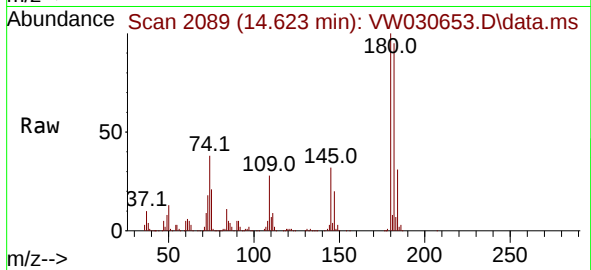
Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 133613

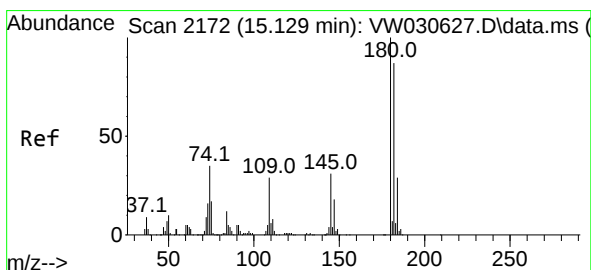
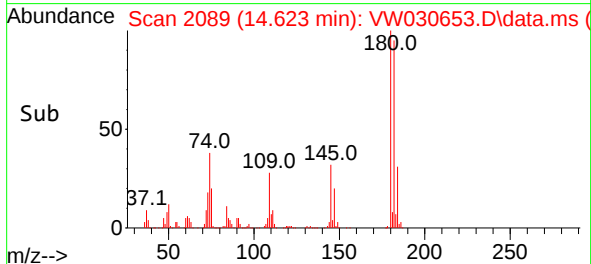
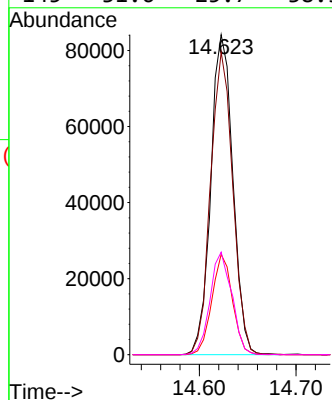
Ion Ratio Lower Upper

180 100

182 94.9 79.9 119.9

184 29.3 25.2 37.8

145 31.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.515 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

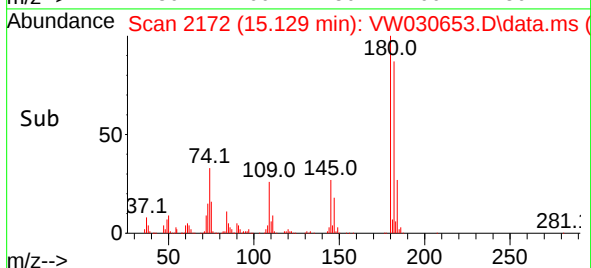
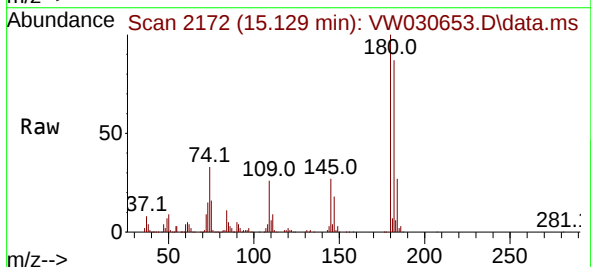
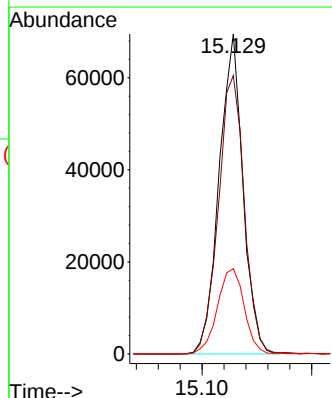
Tgt Ion:180 Resp: 104948

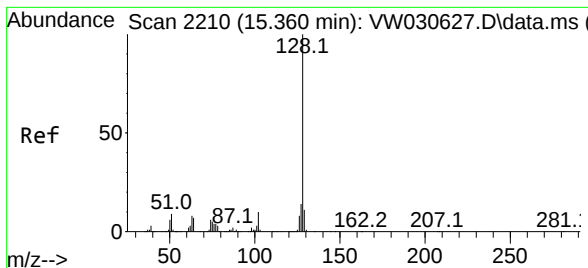
Ion Ratio Lower Upper

180 100

182 94.4 75.2 112.8

145 29.9 25.4 38.2





#71

Naphthalene

Concen: 23.806 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Instrument :

MSVOA_W

ClientSampleId :

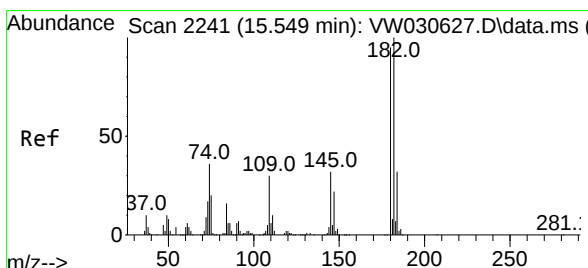
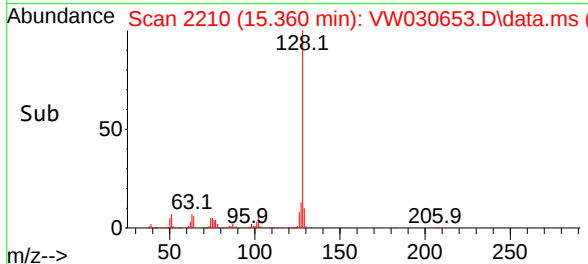
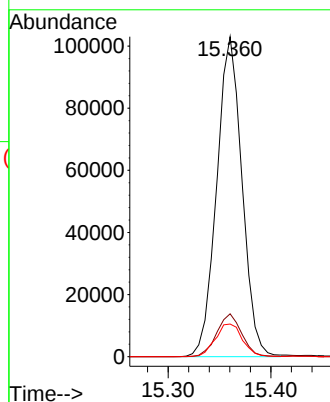
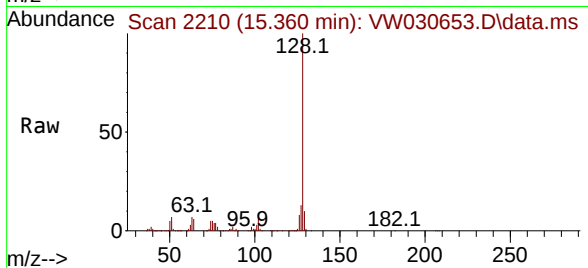
Tgt Ion:128 Resp: 176069

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.172 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030653.D

Acq: 18 Oct 2024 09:37

Tgt Ion:180 Resp: 93421

Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.4

145 32.3 27.4 41.2

