

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
 Data File : VW030752.D
 Acq On : 24 Oct 2024 18:18
 Operator : SY/MD
 Sample : PP4492-04MS
 Misc : 4.35g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 01:46:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 01:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	442191	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311688	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86829	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	78660	11.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.280%
7) Chloroethane-d5	3.033	69	533	0.101	ug/L	0.13
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.400%#
11) 1,1-Dichloroethene-d2	4.021	65	35733	12.360	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.440%
21) 2-Butanone-d5	7.075	46	46381	37.080	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.160%
24) Chloroform-d	7.654	84	268328	21.219	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.880%
26) 1,2-Dichloroethane-d4	8.307	65	128614	19.559	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.240%
32) Benzene-d6	8.276	84	392427	21.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	9.276	67	139088	26.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	10.324	98	291183	17.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.520%
43) trans-1,3-Dichloroprop...	10.581	79	39917	17.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.800%
47) 2-Hexanone-d5	10.922	63	33808	49.435	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93653	24.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	63998	21.783	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	82849	14.665	ug/L	99
3) Chloromethane	2.222	50	88807	13.525	ug/L	97
5) Vinyl chloride	2.375	62	119531	14.803	ug/L	95
6) Bromomethane	2.795	94	74347	13.988	ug/L	95
8) Chloroethane	2.936	64	83282	16.872	ug/L	99
9) Trichlorofluoromethane	3.271	101	116437	16.115	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	38958	5.993	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	89648	15.111	ug/L	90
13) Acetone	4.124	43	27528	15.032	ug/L	94
14) Carbon disulfide	4.393	76	197157	10.177	ug/L	98
15) Methyl Acetate	4.673	43	25060	11.078	ug/L	96
16) Methylene chloride	4.923	84	103148	15.430	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	96138	15.018	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	161565	18.033	ug/L	99
19) 1,1-Dichloroethane	6.215	63	205549	17.276	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	109885	16.093	ug/L	97
22) 2-Butanone	7.173	43	44328	22.456	ug/L	95
23) Bromochloromethane	7.514	128	43613	14.600	ug/L	92
25) Chloroform	7.679	83	212533	16.715	ug/L	97

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 Response via : Initial Calibration

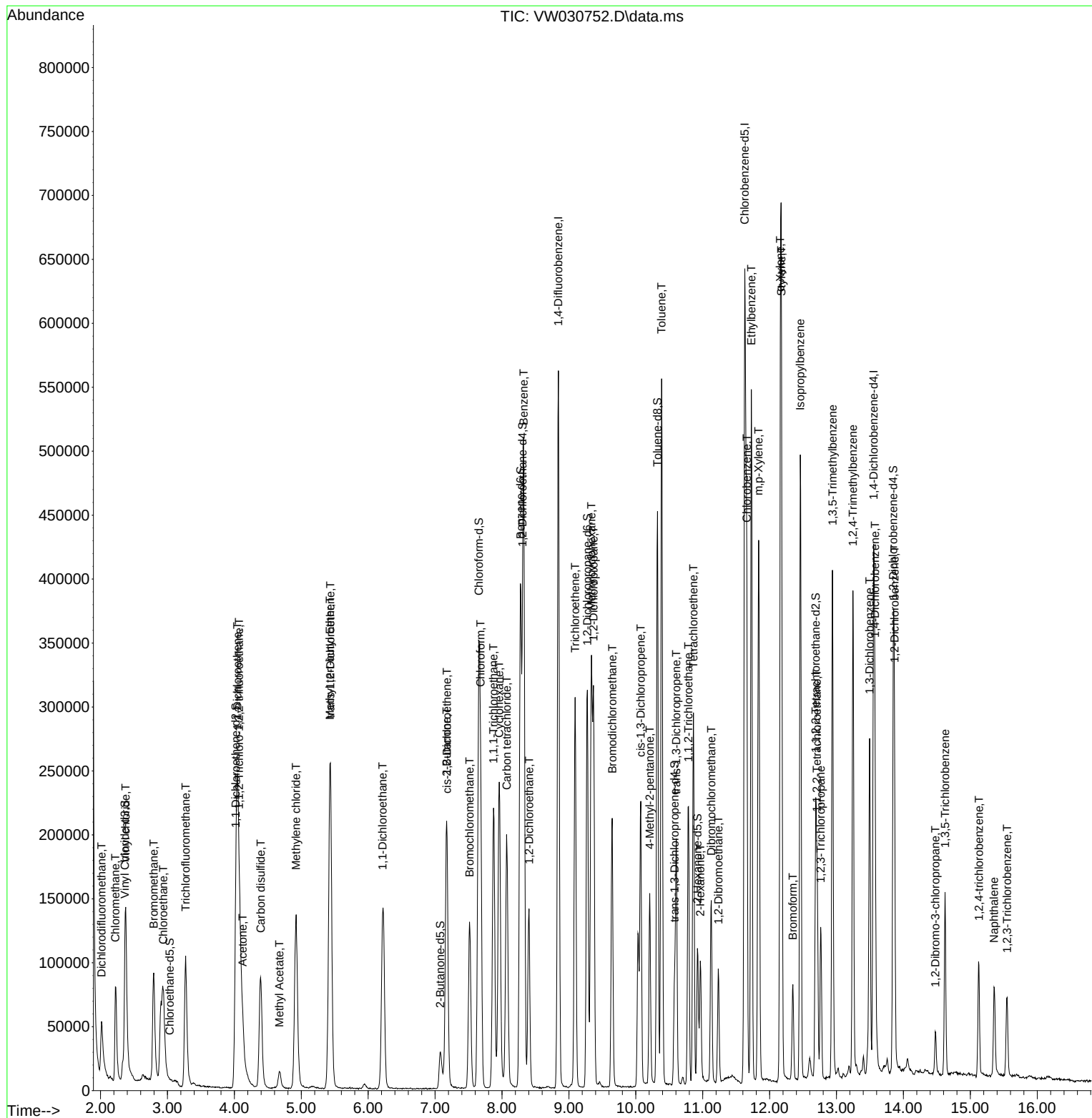
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	122640	14.621	ug/L	100
29) Cyclohexane	7.959	56	130742	17.232	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	172585	20.858	ug/L	98
31) Carbon tetrachloride	8.069	117	139026	18.813	ug/L	100
33) Benzene	8.325	78	413771	20.400	ug/L	100
34) Trichloroethene	9.093	95	101941	18.065	ug/L	95
35) Methylcyclohexane	9.337	83	128999	14.526	ug/L	98
37) 1,2-Dichloropropane	9.367	63	107317	21.184	ug/L	100
38) Bromodichloromethane	9.648	83	135143	20.051	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	123956	16.222	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	92384	37.961	ug/L	100
42) Toluene	10.385	91	394616	18.236	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	98875	15.399	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	67933	18.555	ug/L	99
46) Tetrachloroethene	10.861	164	59429	14.279	ug/L	91
48) 2-Hexanone	10.965	43	60476	30.387	ug/L	94
49) Dibromochloromethane	11.129	129	71012	17.383	ug/L	95
50) 1,2-Dibromoethane	11.233	107	55661	16.293	ug/L	98
51) Chlorobenzene	11.660	112	210859	15.137	ug/L	97
52) Ethylbenzene	11.727	91	366180	14.830	ug/L	99
53) m,p-Xylene	11.836	106	129447	13.993	ug/L	93
54) o-Xylene	12.160	106	123895	14.487	ug/L	97
55) Styrene	12.178	104	197799	13.529	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	60631	14.685	ug/L	98
59) Bromoform	12.348	173	31212	25.585	ug/L	100
60) Isopropylbenzene	12.458	105	301907	22.452	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47891	28.345	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	202179	19.058	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	197410	19.006	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	96142	16.426	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	92891	15.370	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	82489	16.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	7810	20.731	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.622	180	38481	9.970	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	27160	8.741	ug/L	96
71) Naphthalene	15.354	128	59555	11.094	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	19395	7.200	ug/L	99

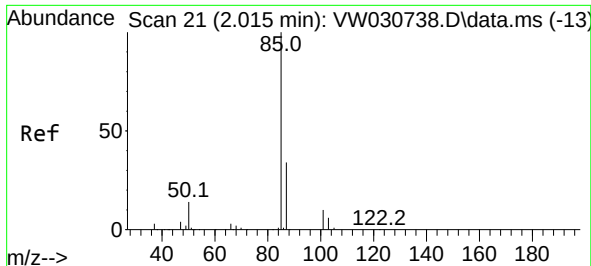
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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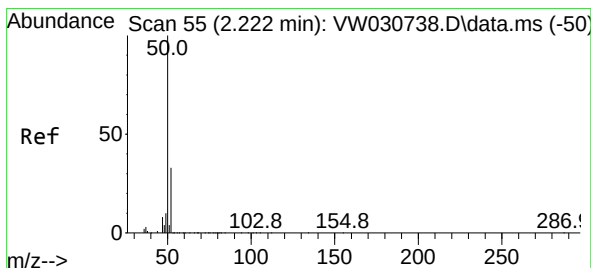
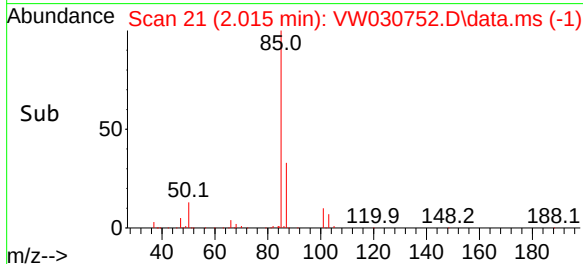
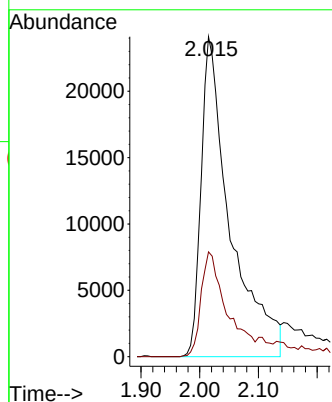
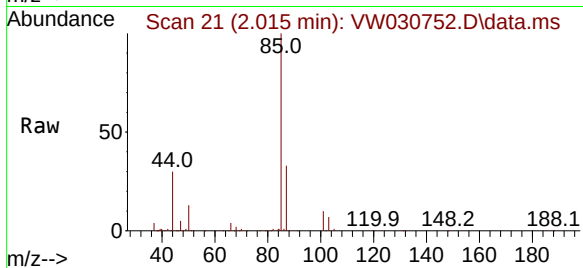




#2
 Dichlorodifluoromethane
 Concen: 14.665 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030752.D
 Acq: 24 Oct 2024 18:18

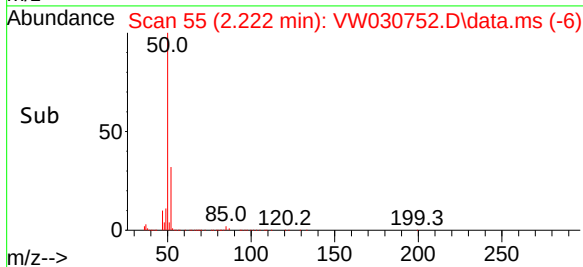
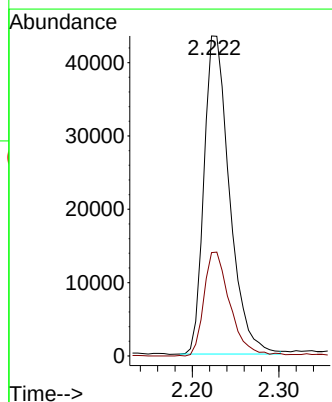
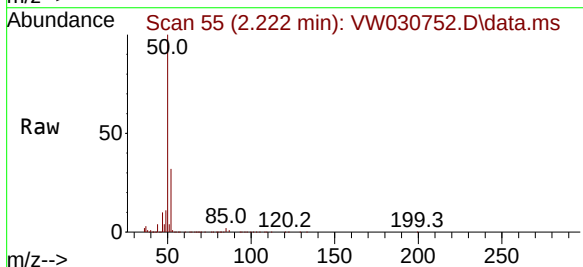
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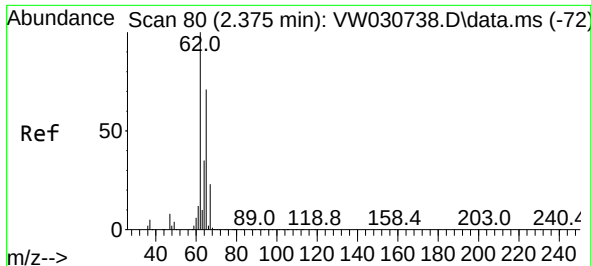
Tgt Ion: 85 Resp: 82849
 Ion Ratio Lower Upper
 85 100
 87 29.0 23.8 35.6



#3
 Chloromethane
 Concen: 13.525 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030752.D
 Acq: 24 Oct 2024 18:18

Tgt Ion: 50 Resp: 88807
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.7 43.9

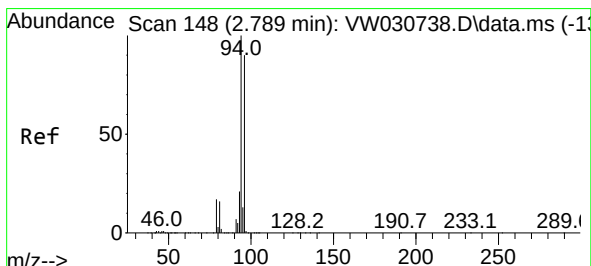
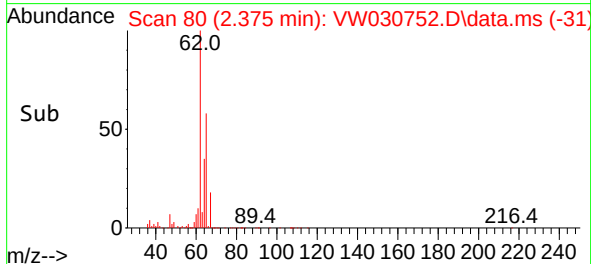
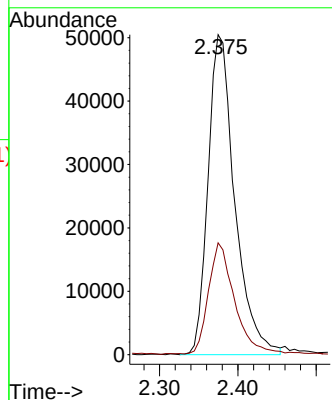
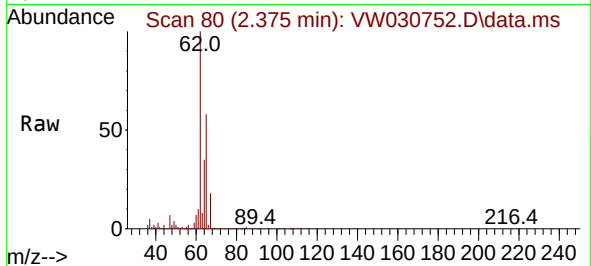




#5
 Vinyl chloride
 Concen: 14.803 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030752.D
 Acq: 24 Oct 2024 18:18

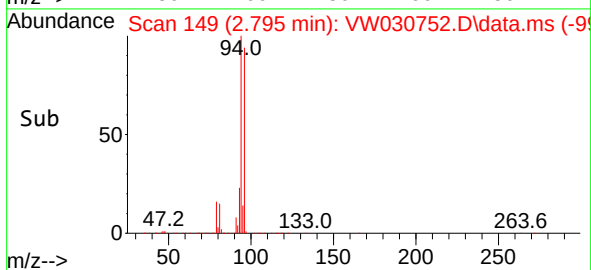
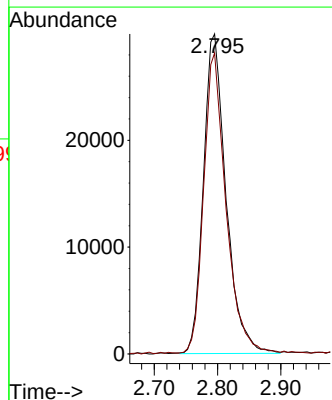
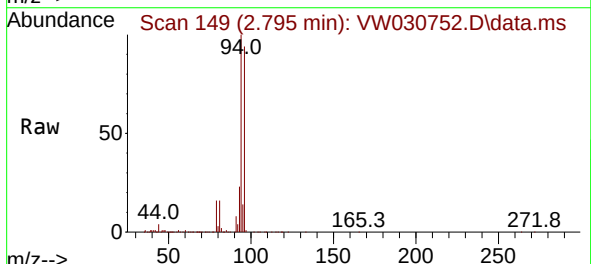
Instrument :
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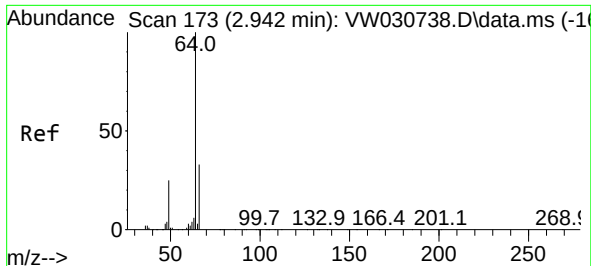
Tgt Ion: 62 Resp: 119531
 Ion Ratio Lower Upper
 62 100
 64 35.0 22.6 42.0



#6
 Bromomethane
 Concen: 13.988 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030752.D
 Acq: 24 Oct 2024 18:18

Tgt Ion: 94 Resp: 74347
 Ion Ratio Lower Upper
 94 100
 96 94.0 62.6 116.2

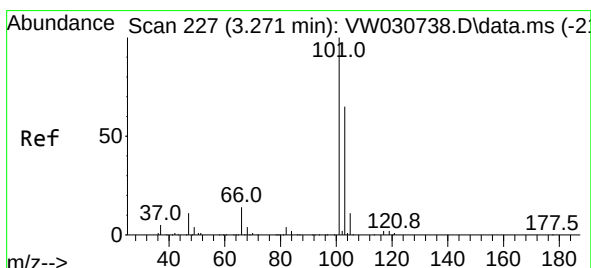
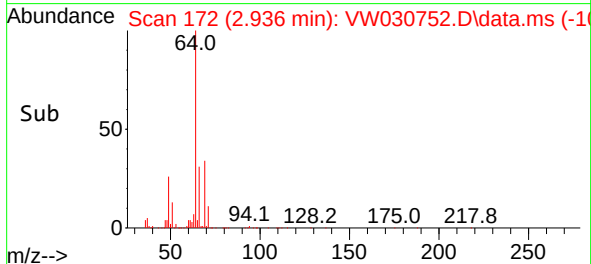
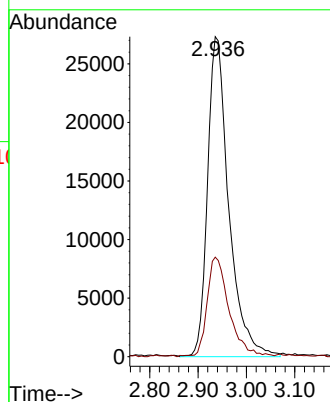
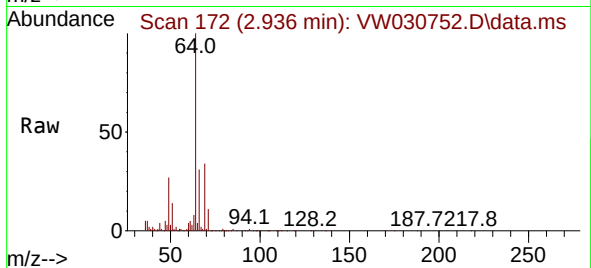




#8
Chloroethane
Concen: 16.872 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

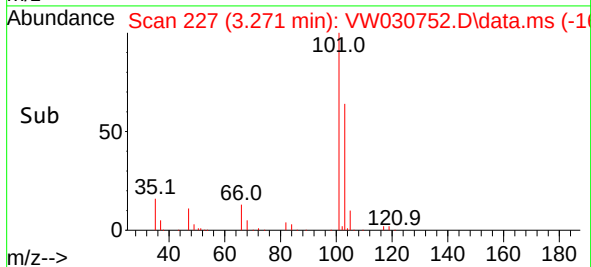
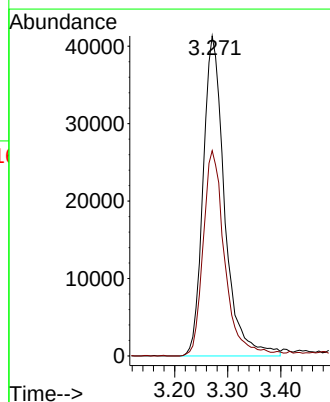
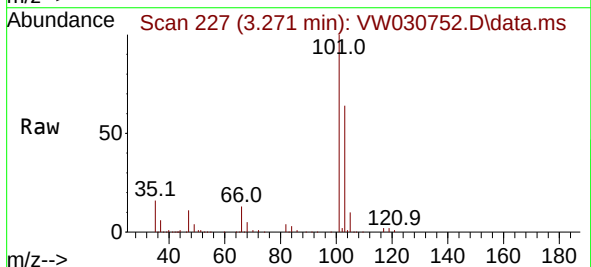
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MSVOA_W
ClientSampleId :

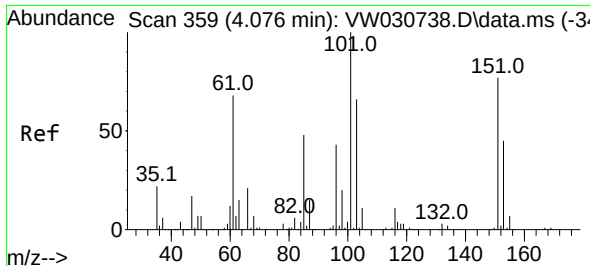
Tgt Ion: 64 Resp: 83282
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 16.115 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion: 101 Resp: 116437
Ion Ratio Lower Upper
101 100
103 63.4 51.1 76.7

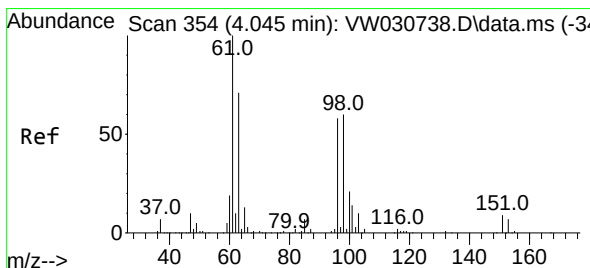
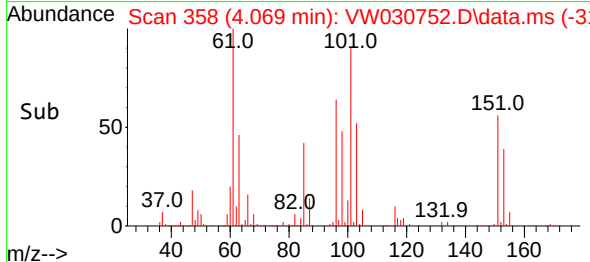
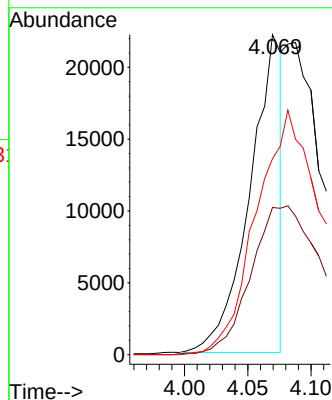
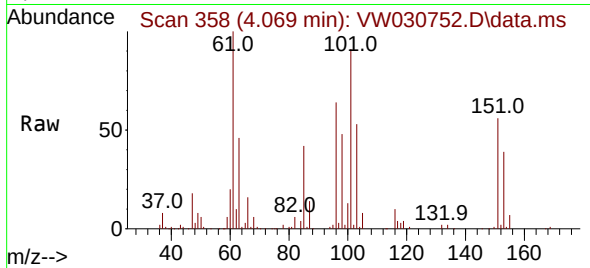




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.993 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW030752.D
 Acq: 24 Oct 2024 18:18

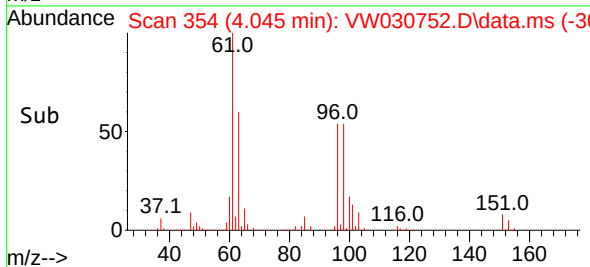
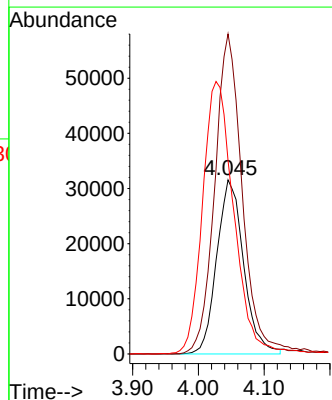
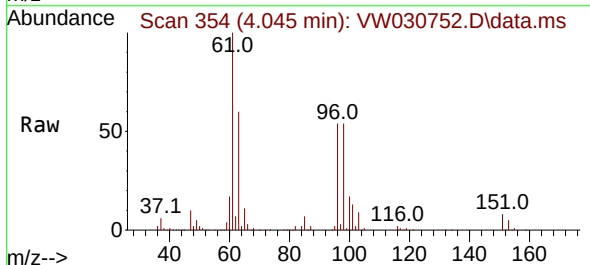
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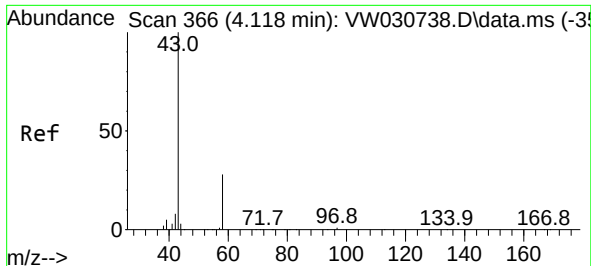
Tgt Ion:101 Resp: 38958
 Ion Ratio Lower Upper
 101 100
 85 116.3 35.7 53.5#
 151 180.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 15.111 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW030752.D
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Tgt Ion: 96 Resp: 89648
 Ion Ratio Lower Upper
 96 100
 61 183.8 121.3 225.3
 63 111.1 87.6 162.8

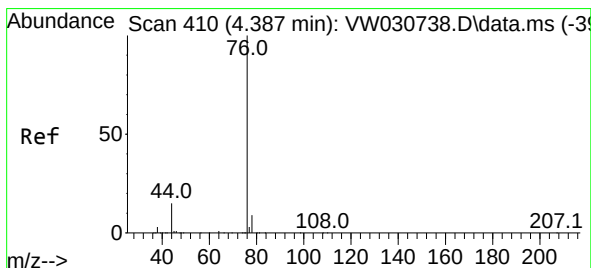
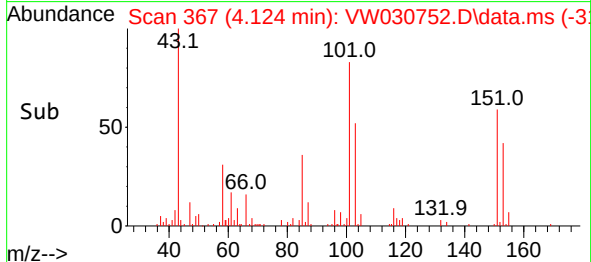
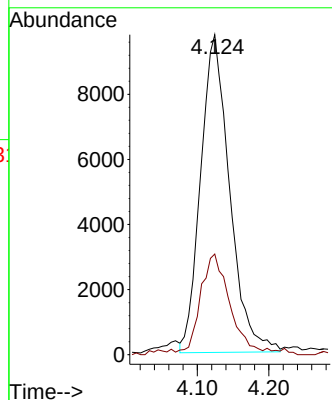
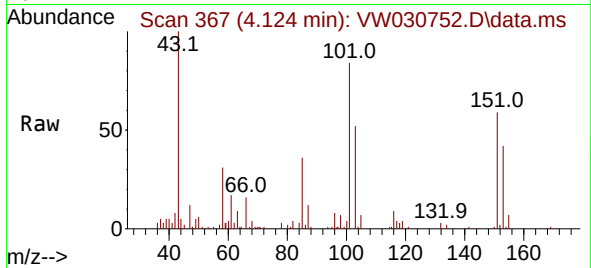




#13
Acetone
Concen: 15.032 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

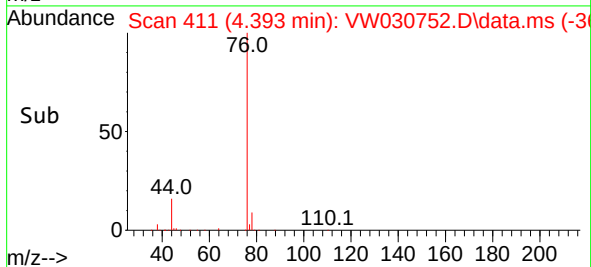
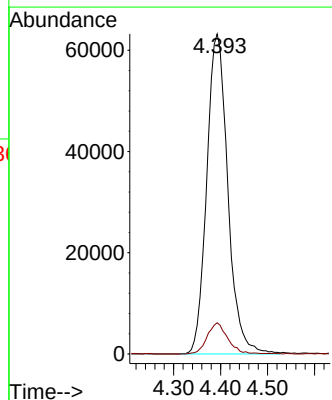
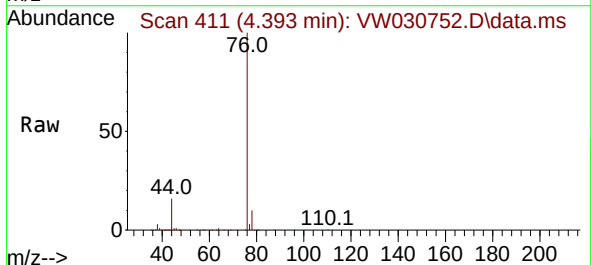
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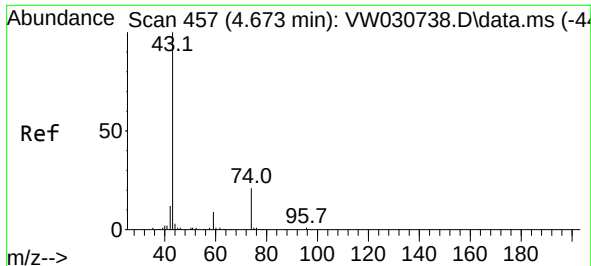
Tgt Ion: 43 Resp: 27528
Ion Ratio Lower Upper
43 100
58 31.8 0.0 57.6



#14
Carbon disulfide
Concen: 10.177 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 197157
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

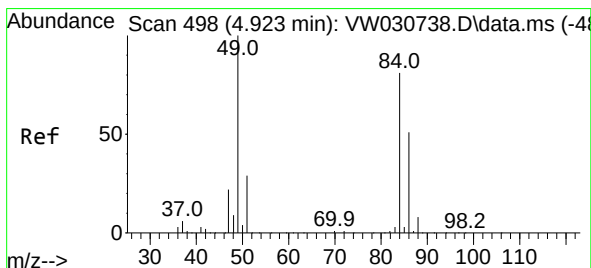
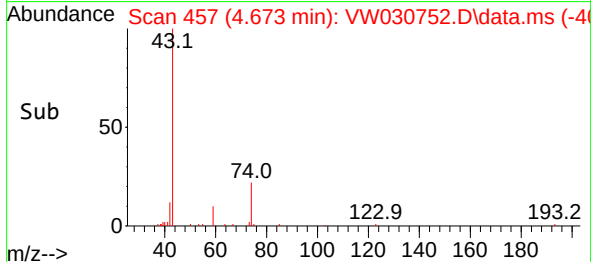
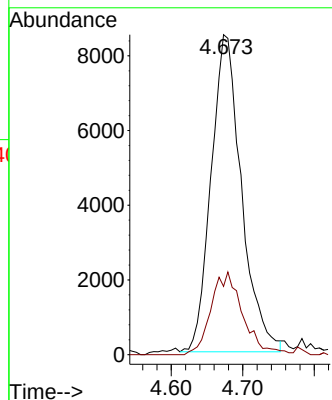
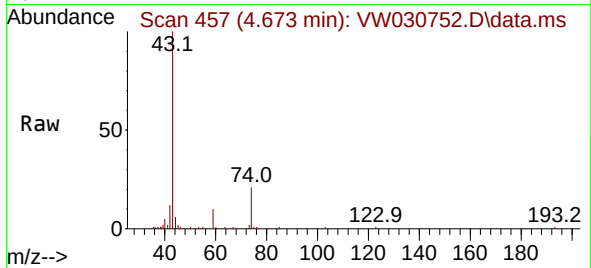




#15
Methyl Acetate
Concen: 11.078 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

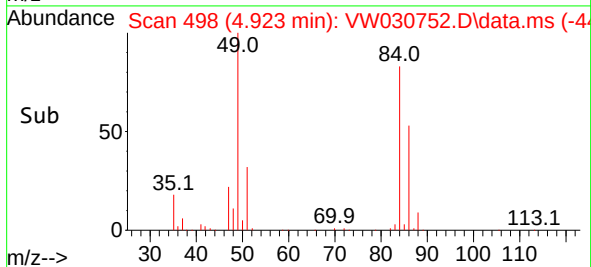
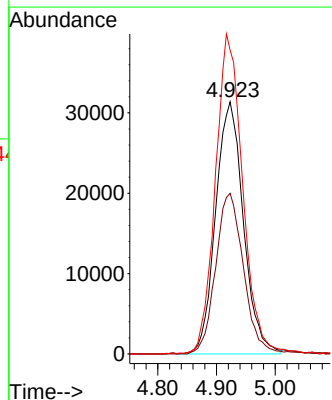
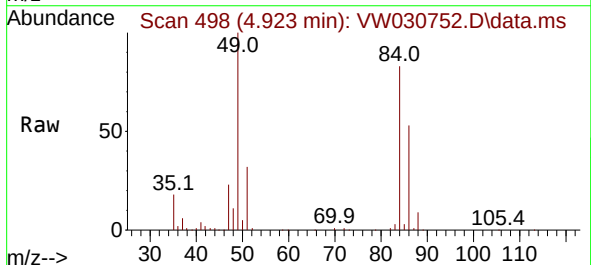
Instrument :
MSVOA_W
ClientSampleId :

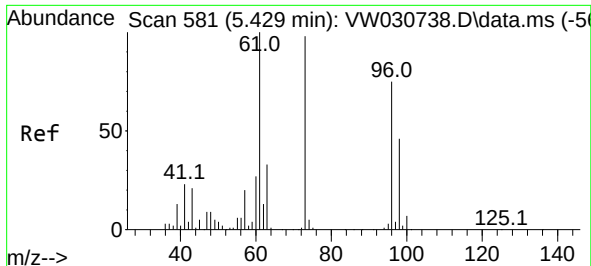
Tgt Ion: 43 Resp: 25060
Ion Ratio Lower Upper
43 100
74 26.0 19.3 28.9



#16
Methylene chloride
Concen: 15.430 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion: 84 Resp: 103148
Ion Ratio Lower Upper
84 100
86 63.7 43.8 81.3
49 120.5 88.3 164.1

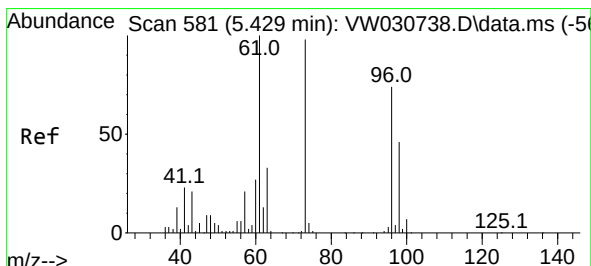
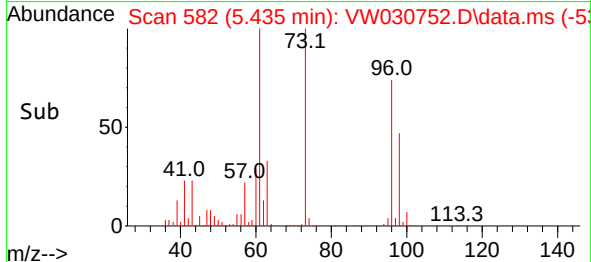
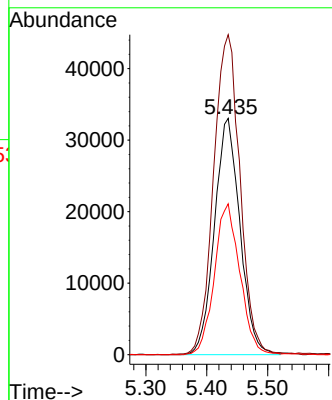
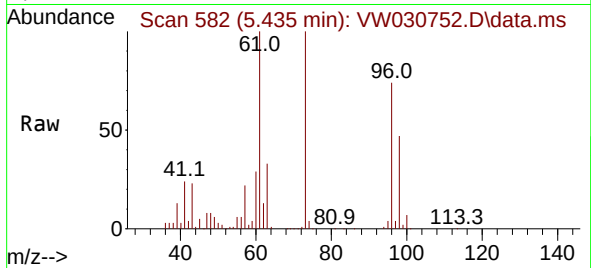




#17
trans-1,2-Dichloroethene
Concen: 15.018 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

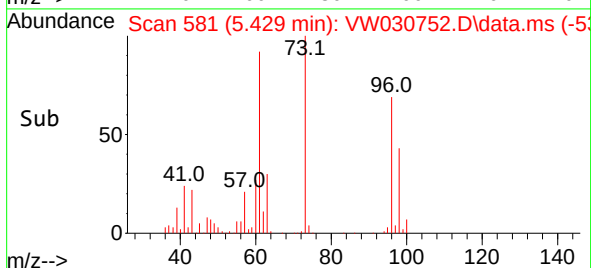
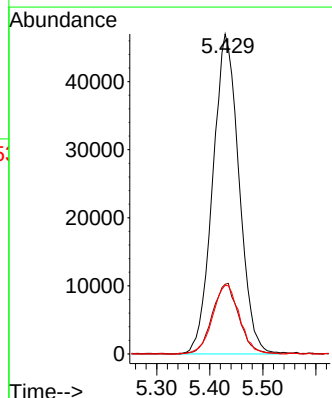
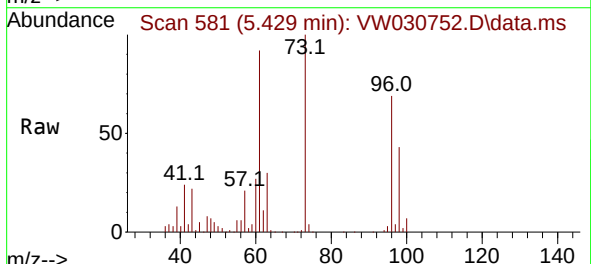
Instrument :
MSVOA_W
ClientSampleId :

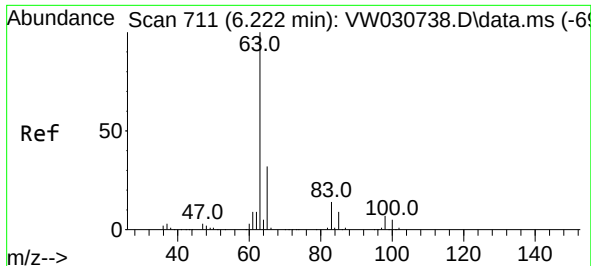
Tgt Ion: 96 Resp: 96138
Ion Ratio Lower Upper
96 100
61 135.4 96.9 179.9
98 63.8 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 18.033 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion: 73 Resp: 161565
Ion Ratio Lower Upper
73 100
43 22.2 18.1 27.1
57 22.0 17.7 26.5

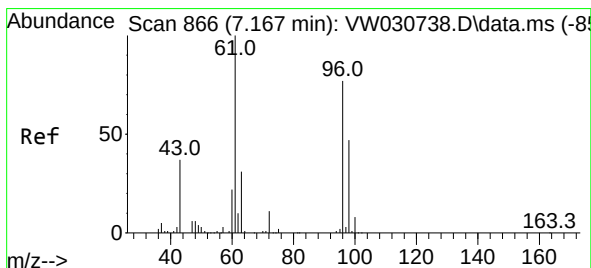
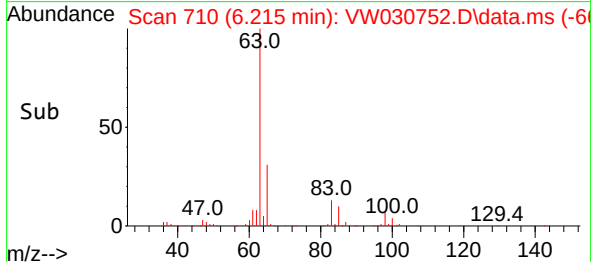
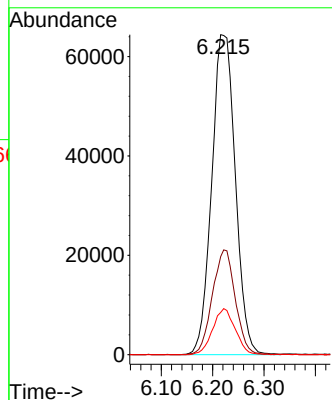
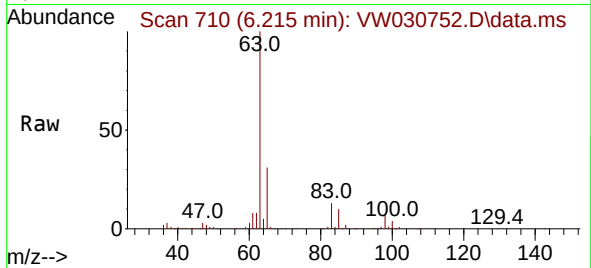




#19
1,1-Dichloroethane
Concen: 17.276 ug/L
RT: 6.215 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

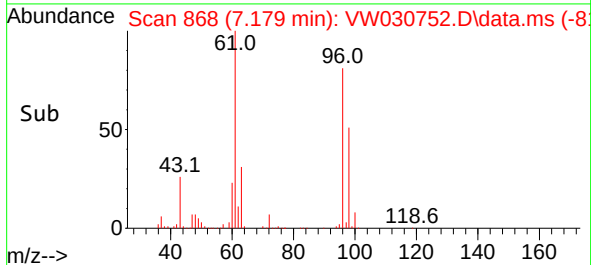
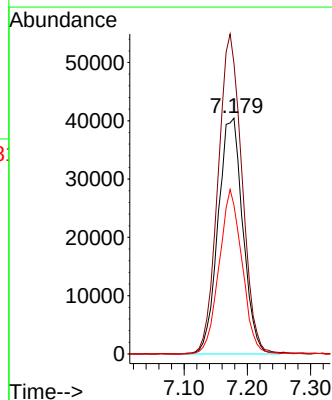
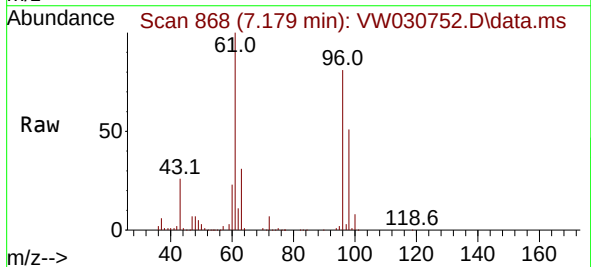
Instrument :
MSVOA_W
ClientSampleId :

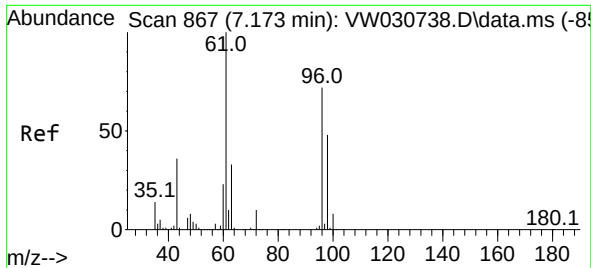
Tgt Ion: 63 Resp: 205549
Ion Ratio Lower Upper
63 100
65 30.6 22.5 41.9
83 13.2 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 16.093 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.012 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion: 96 Resp: 109885
Ion Ratio Lower Upper
96 100
61 123.2 88.3 163.9
98 63.1 41.3 76.7

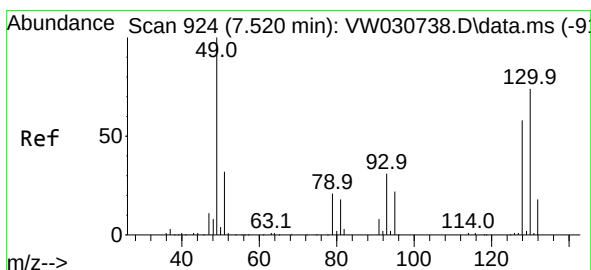
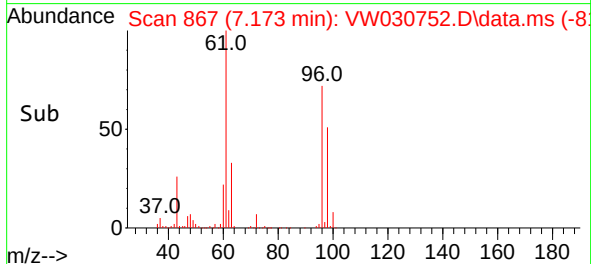
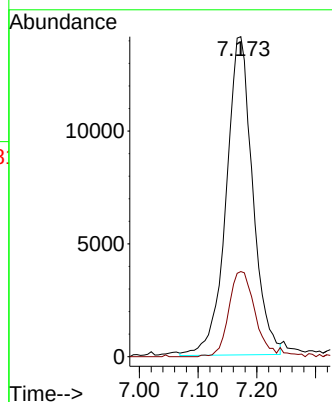
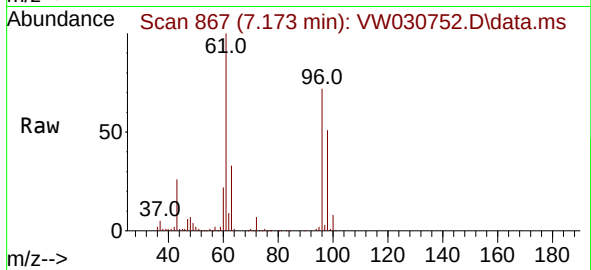




#22
2-Butanone
Concen: 22.456 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

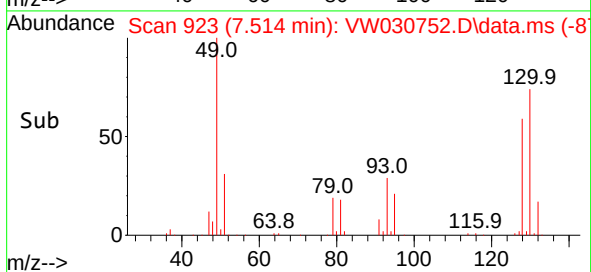
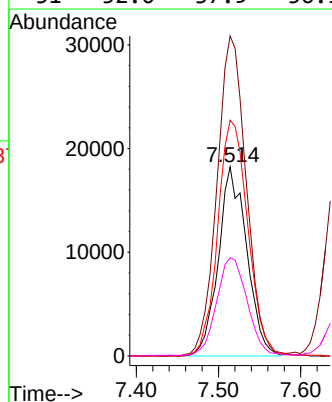
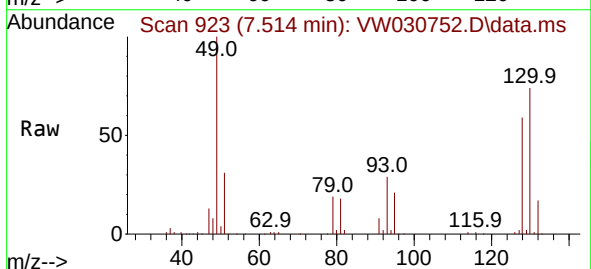
Instrument :
MSVOA_W
ClientSampleId :

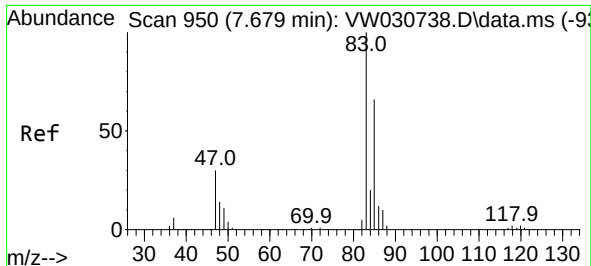
Tgt Ion: 43 Resp: 44328
Ion Ratio Lower Upper
43 100
72 25.9 14.4 43.0



#23
Bromochloromethane
Concen: 14.600 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion:128 Resp: 43613
Ion Ratio Lower Upper
128 100
49 169.2 110.1 204.5
130 124.7 82.9 153.9
51 52.0 37.9 56.9

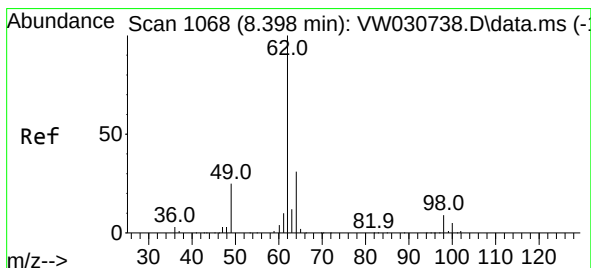
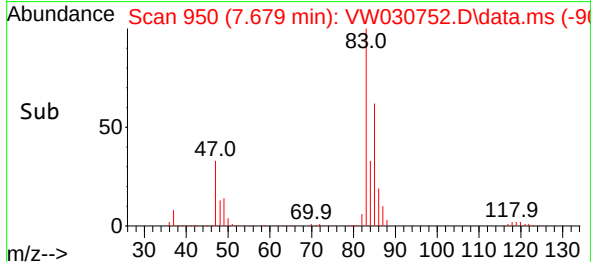
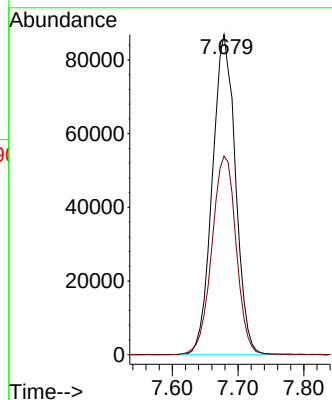
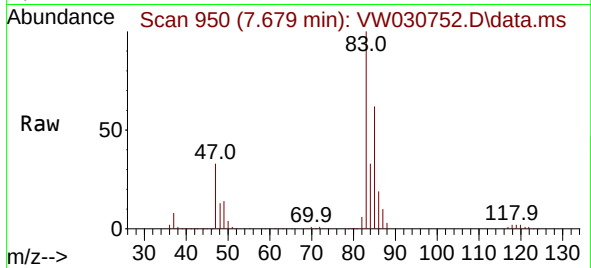




#25
Chloroform
Concen: 16.715 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

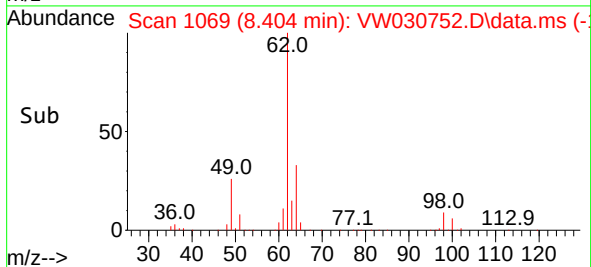
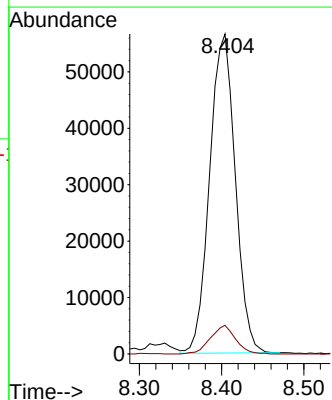
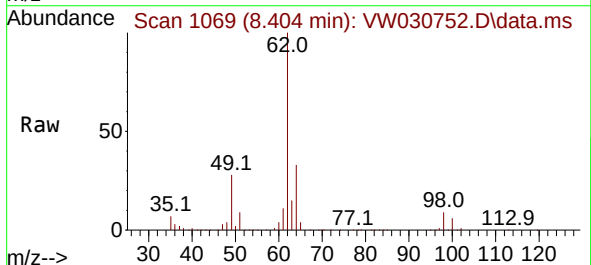
Instrument :
MSVOA_W
ClientSampleId :

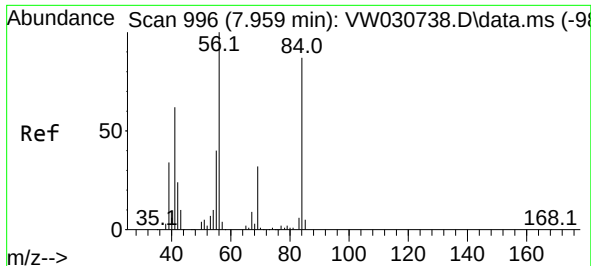
Tgt Ion: 83 Resp: 212533
Ion Ratio Lower Upper
83 100
85 62.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 14.621 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion: 62 Resp: 122640
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6





#29

Cyclohexane

Concen: 17.232 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

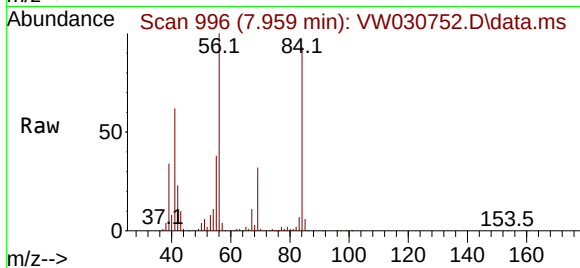
Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :



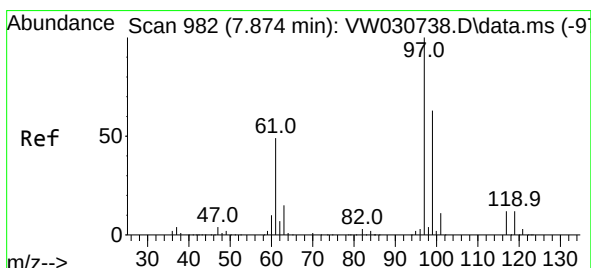
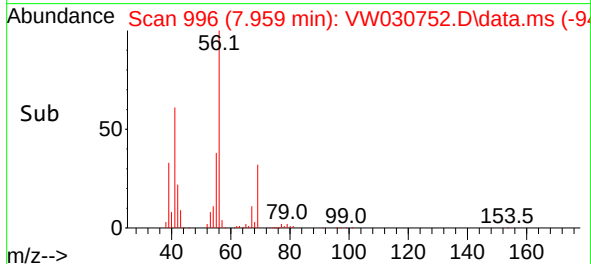
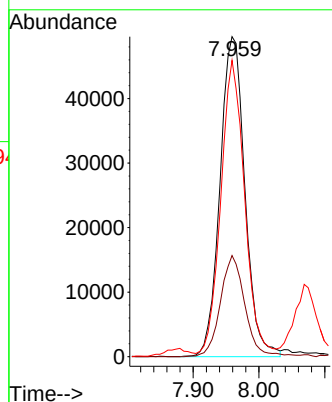
Tgt Ion: 56 Resp: 130742

Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.0

84 88.3 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 20.858 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

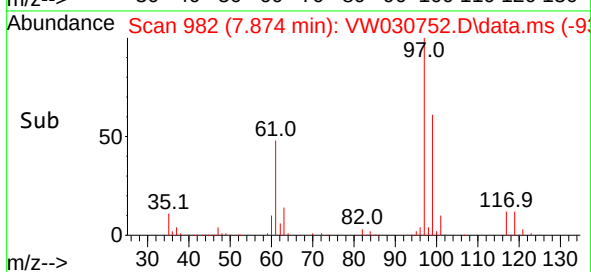
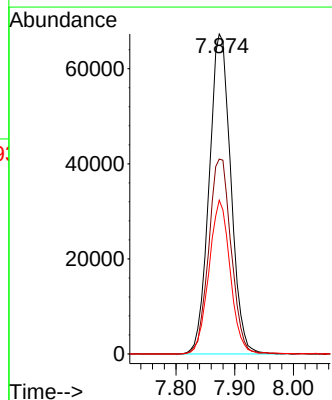
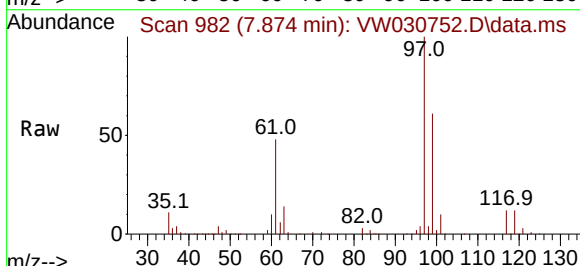
Tgt Ion: 97 Resp: 172585

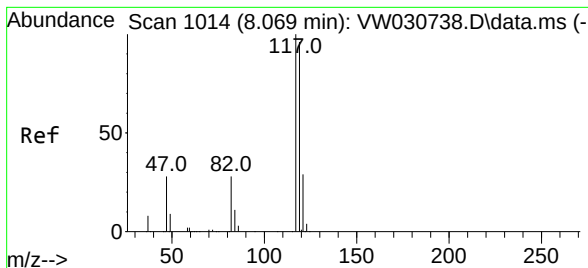
Ion Ratio Lower Upper

97 100

99 63.1 52.3 78.5

61 47.2 38.5 57.7





#31

Carbon tetrachloride

Concen: 18.813 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

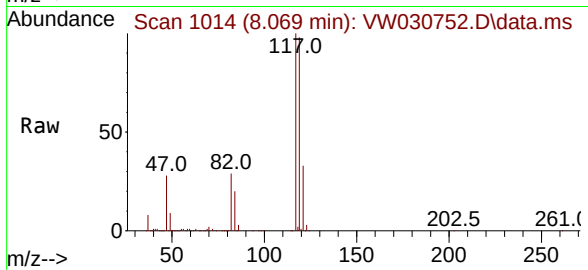
Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

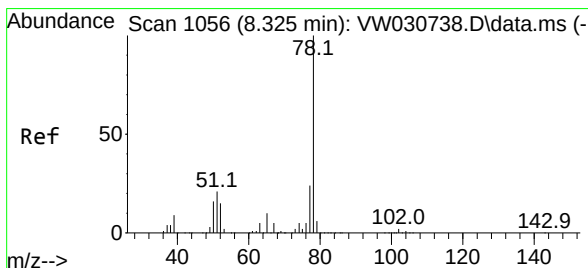
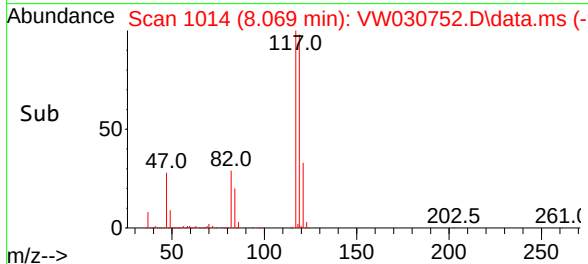
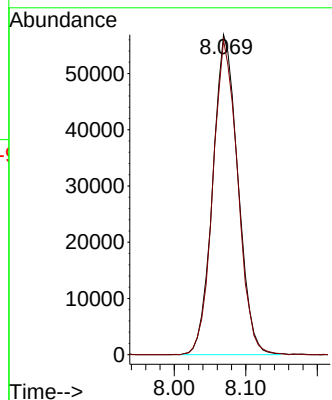


Tgt Ion:117 Resp: 139026

Ion Ratio Lower Upper

117 100

119 97.3 77.8 116.8



#33

Benzene

Concen: 20.400 ug/L

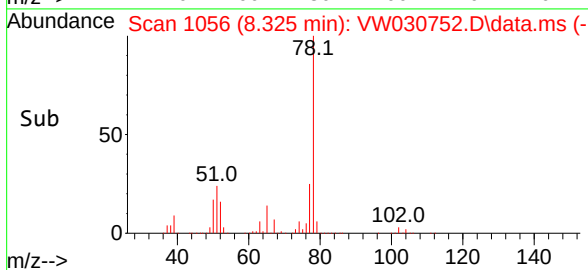
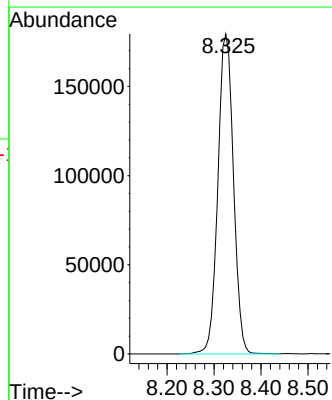
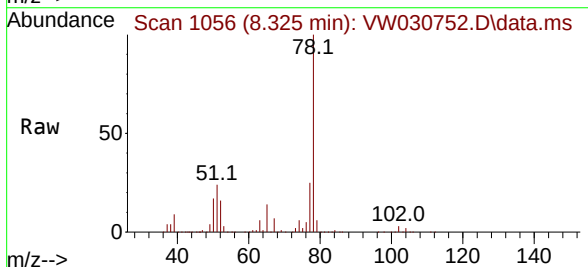
RT: 8.325 min Scan# 1056

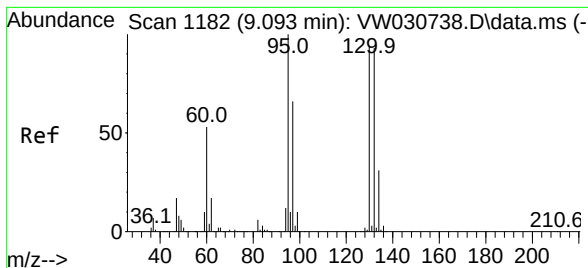
Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Tgt Ion: 78 Resp: 413771





#34

Trichloroethene

Concen: 18.065 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 101941

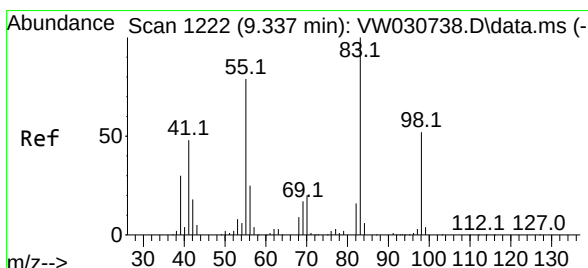
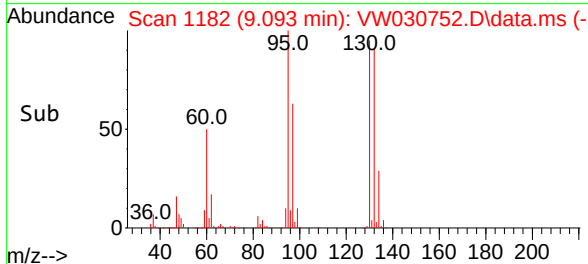
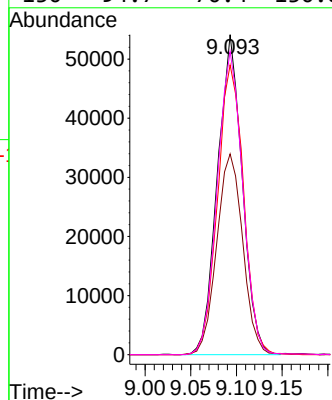
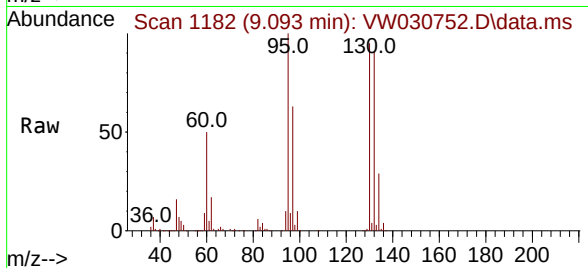
Ion Ratio Lower Upper

95 100

97 62.8 45.9 85.3

132 90.6 66.4 123.2

130 94.7 70.4 130.8



#35

Methylcyclohexane

Concen: 14.526 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

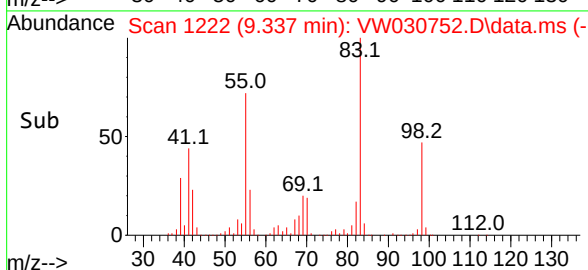
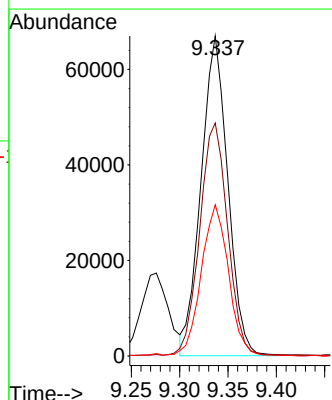
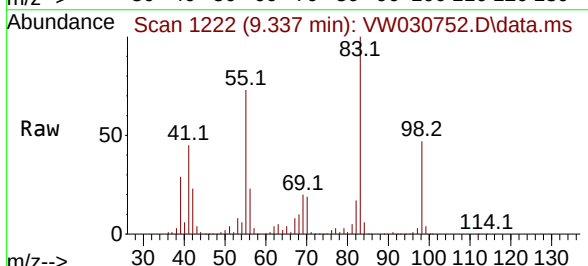
Tgt Ion: 83 Resp: 128999

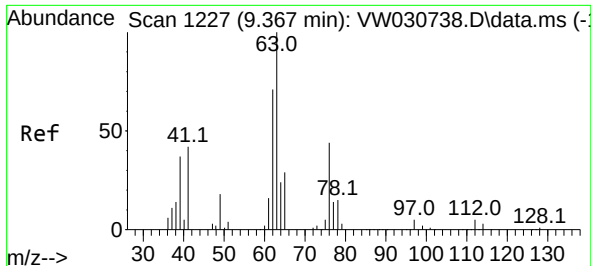
Ion Ratio Lower Upper

83 100

55 75.3 61.8 92.8

98 48.4 39.3 58.9





#37

1,2-Dichloropropane

Concen: 21.184 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

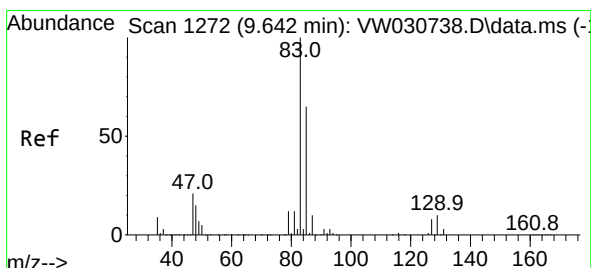
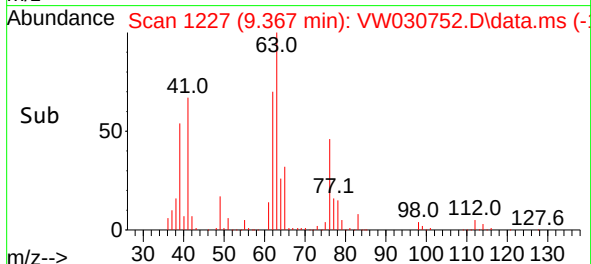
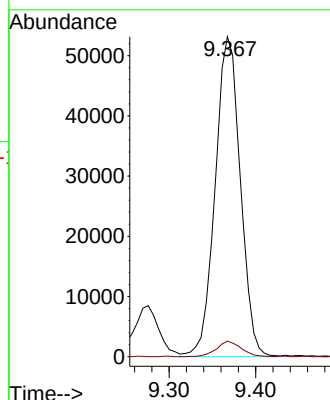
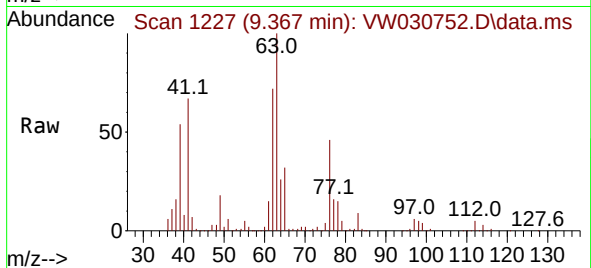
ClientSampleId :

Tgt Ion: 63 Resp: 107317

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 20.051 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

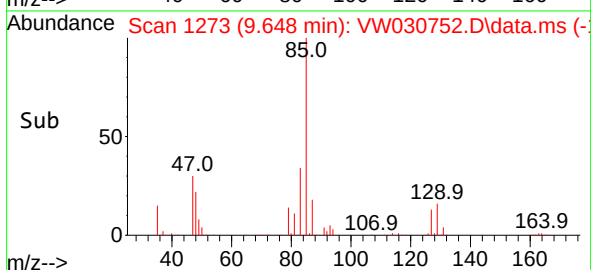
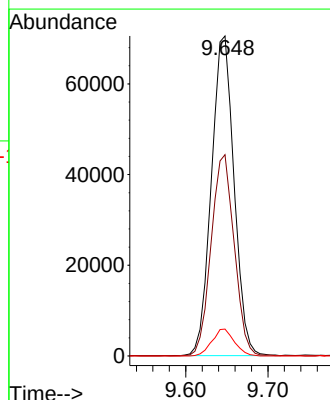
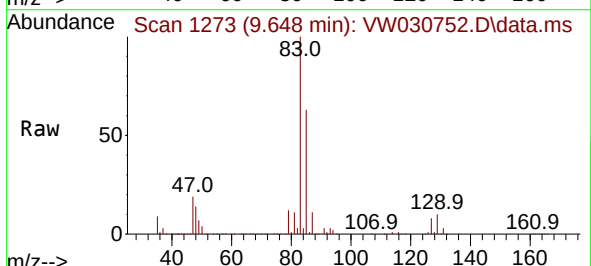
Tgt Ion: 83 Resp: 135143

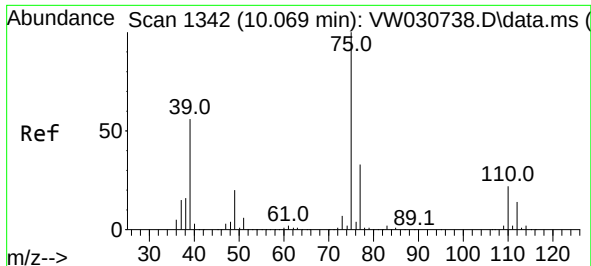
Ion Ratio Lower Upper

83 100

85 62.9 44.2 82.0

127 8.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 16.222 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

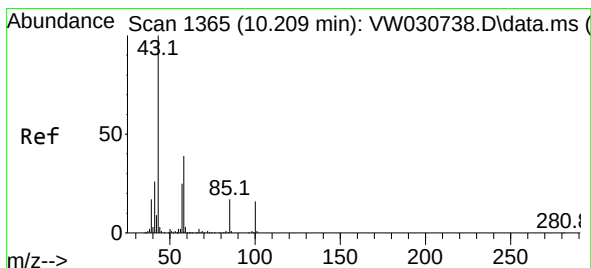
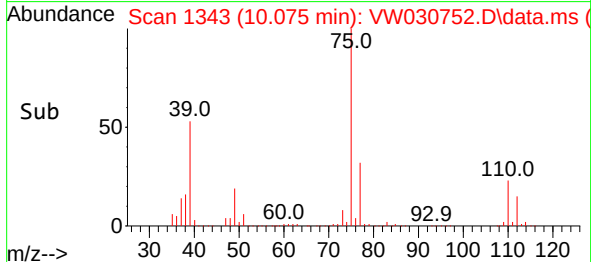
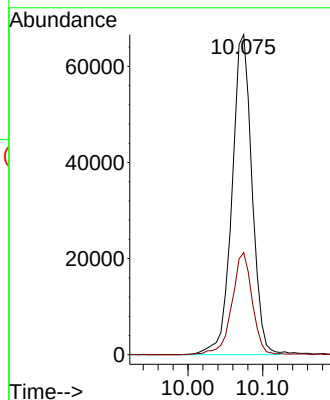
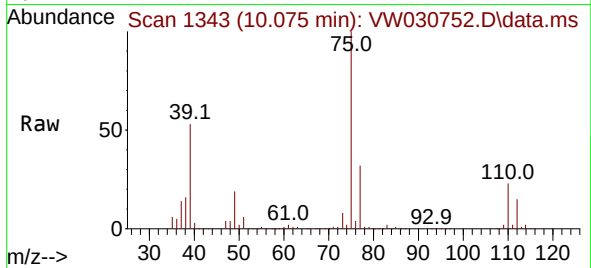
ClientSampleId :

Tgt Ion: 75 Resp: 123956

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 37.961 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

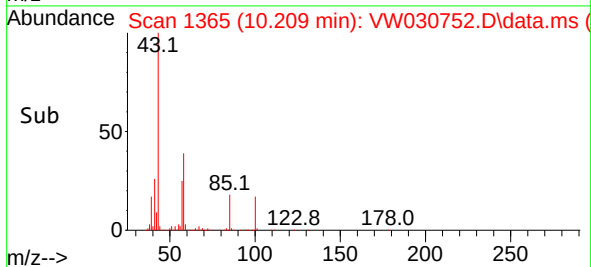
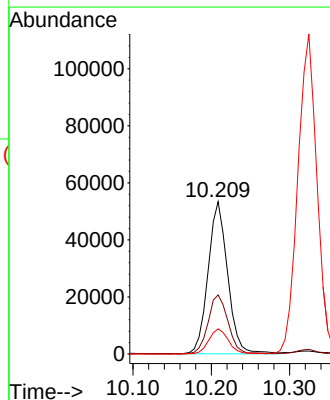
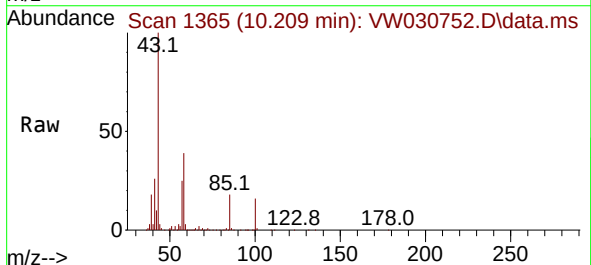
Tgt Ion: 43 Resp: 92384

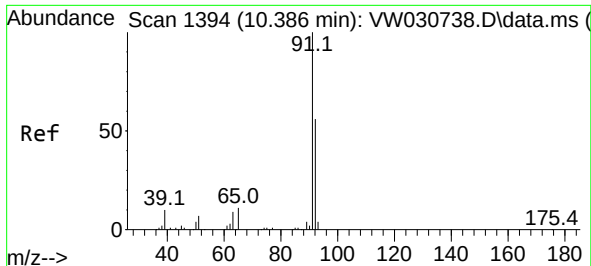
Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2

100 16.5 13.1 19.7





#42

Toluene

Concen: 18.236 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

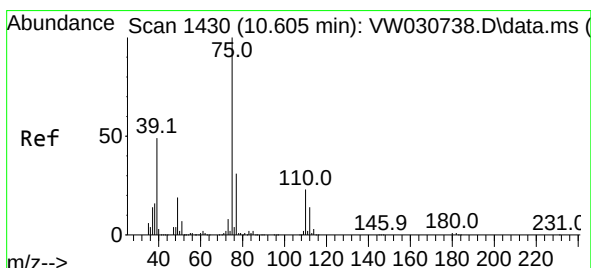
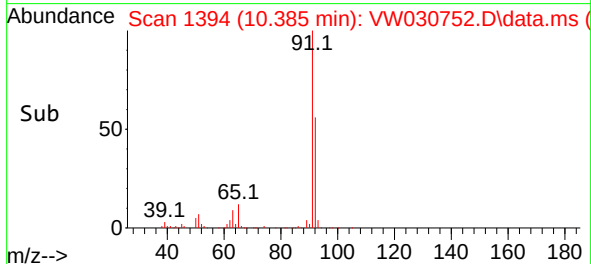
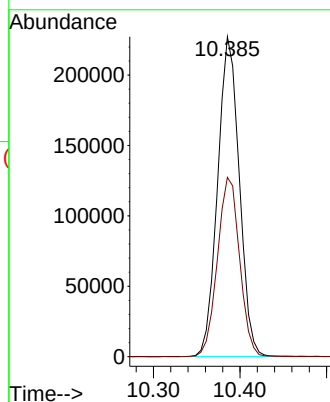
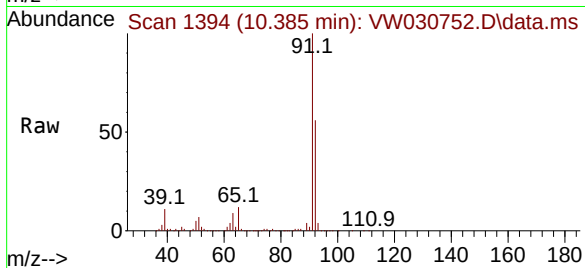
ClientSampleId :

Tgt Ion: 91 Resp: 394616

Ion Ratio Lower Upper

91 100

92 56.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 15.399 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030752.D

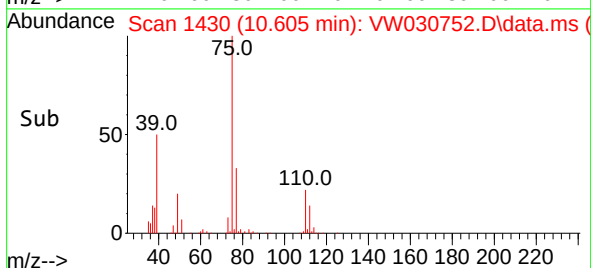
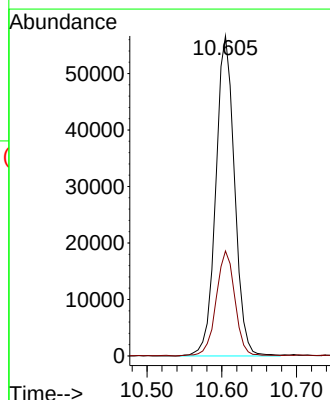
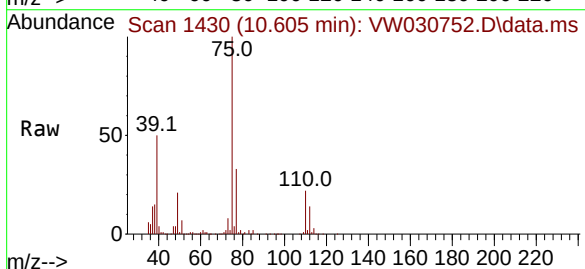
Acq: 24 Oct 2024 18:18

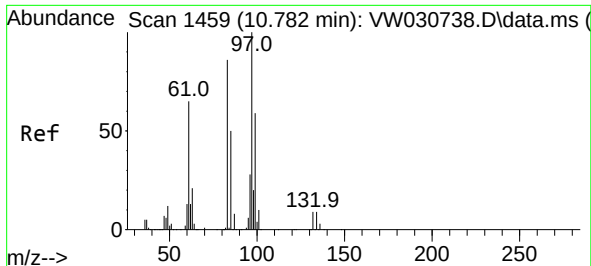
Tgt Ion: 75 Resp: 98875

Ion Ratio Lower Upper

75 100

77 32.8 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 18.555 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 67933

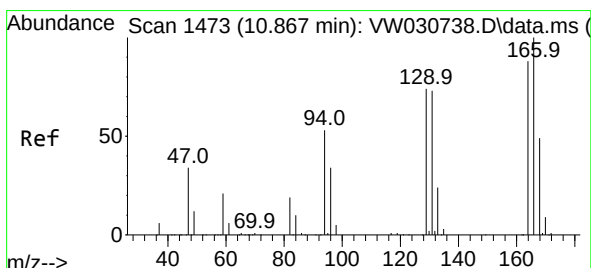
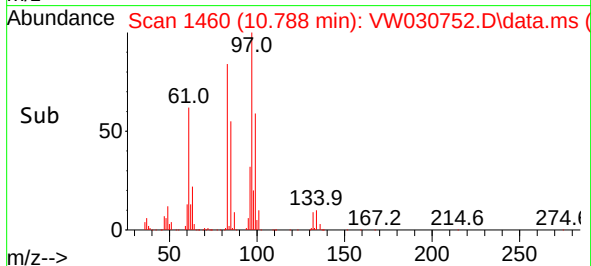
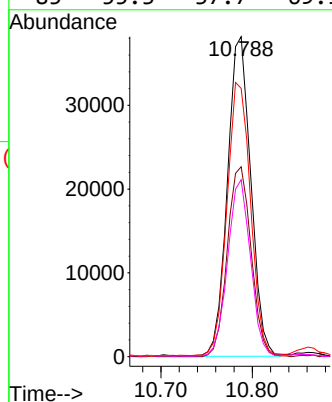
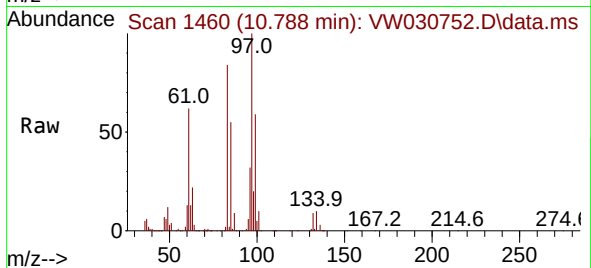
Ion Ratio Lower Upper

97 100

99 59.4 41.2 76.6

83 83.9 59.6 110.6

85 55.3 37.7 69.9



#46

Tetrachloroethene

Concen: 14.279 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Tgt Ion:164 Resp: 59429

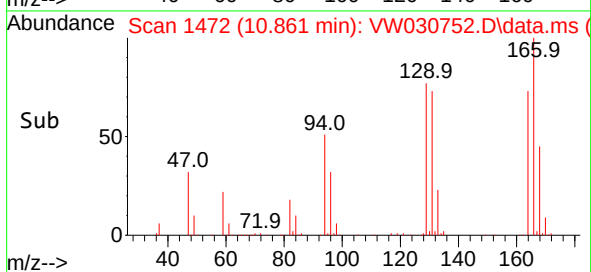
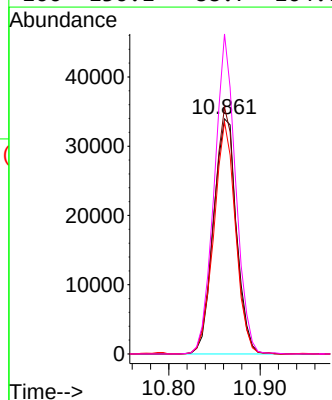
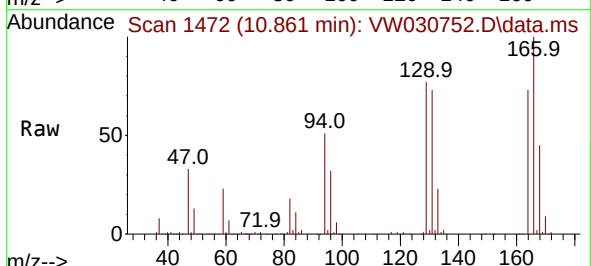
Ion Ratio Lower Upper

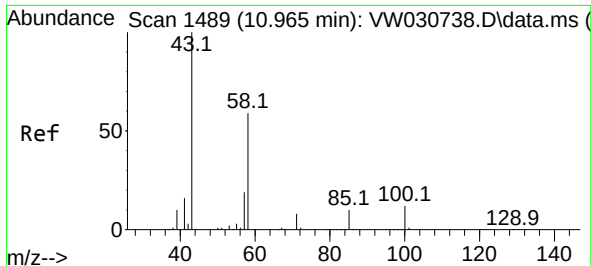
164 100

129 104.9 66.6 123.6

131 98.7 63.7 118.3

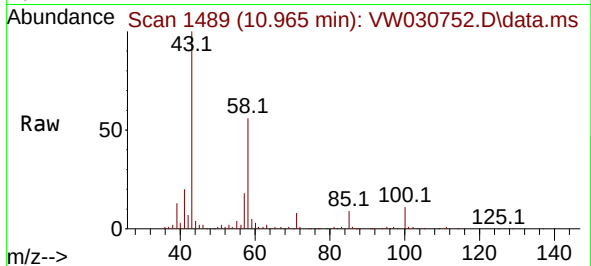
166 136.1 88.7 164.7



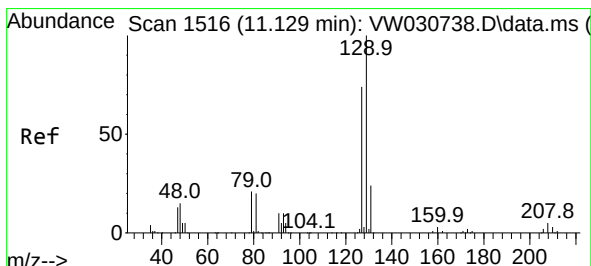
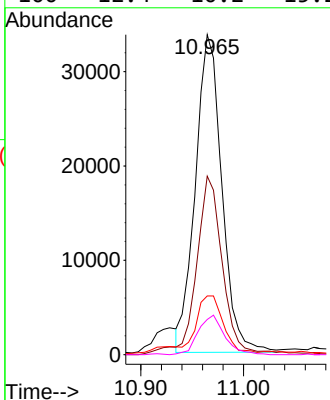
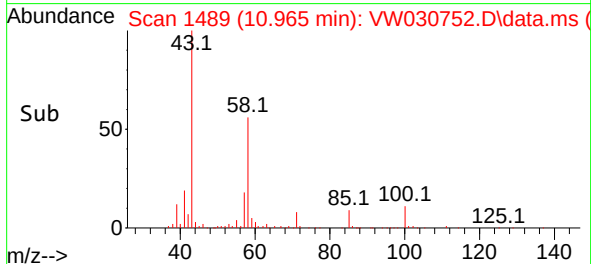


#48
2-Hexanone
Concen: 30.387 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Instrument :
MSVOA_W
ClientSampleId :

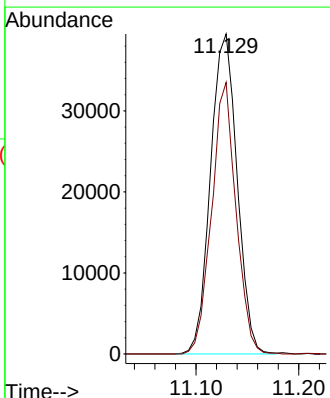
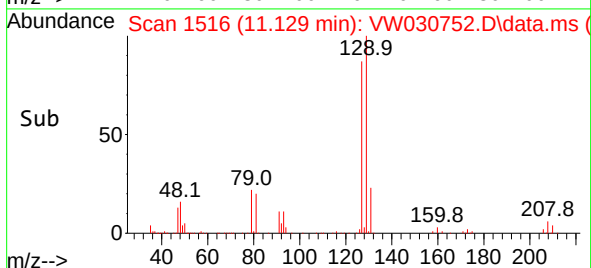
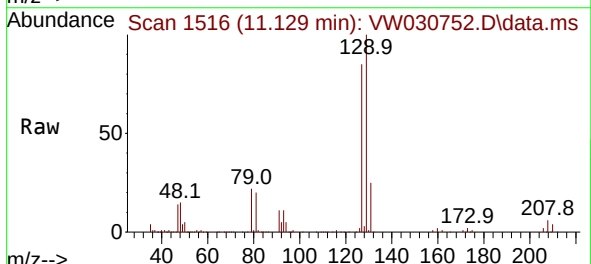


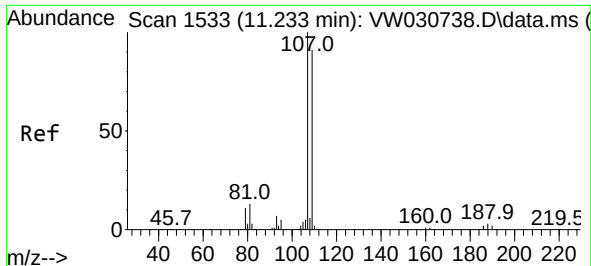
Tgt Ion: 43 Resp: 60476
Ion Ratio Lower Upper
43 100
58 50.6 44.6 67.0
57 17.6 15.8 23.8
100 12.4 10.2 15.2



#49
Dibromochloromethane
Concen: 17.383 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion: 129 Resp: 71012
Ion Ratio Lower Upper
129 100
127 84.8 56.5 104.9

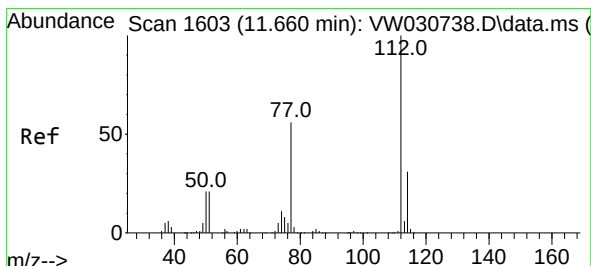
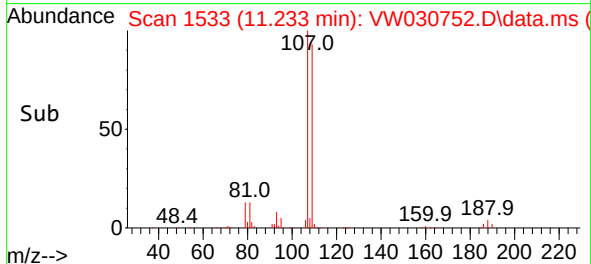
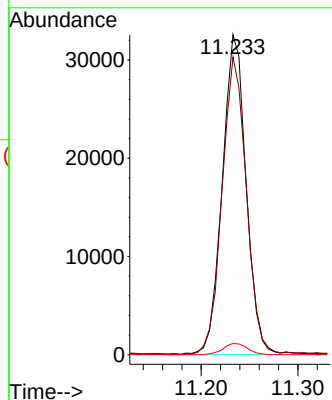
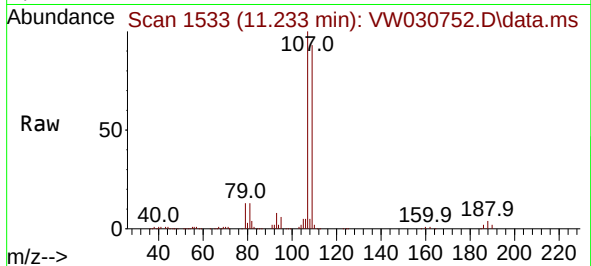




#50
1,2-Dibromoethane
Concen: 16.293 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

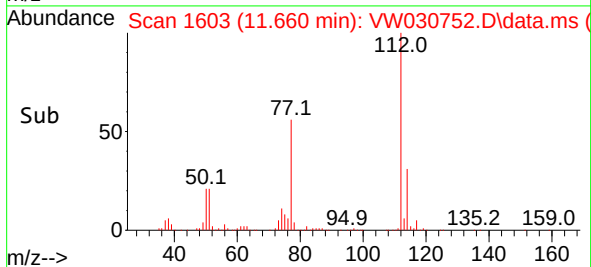
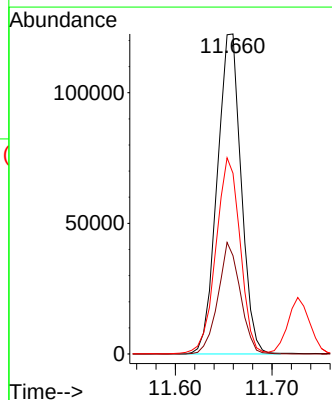
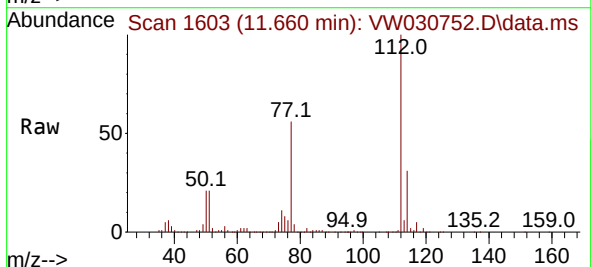
Instrument :
MSVOA_W
ClientSampleId :

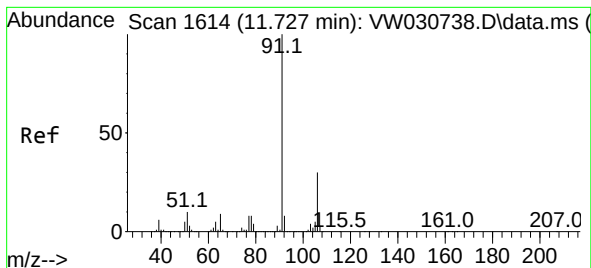
Tgt Ion:107 Resp: 55661
Ion Ratio Lower Upper
107 100
109 93.0 63.8 118.6
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 15.137 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion:112 Resp: 210859
Ion Ratio Lower Upper
112 100
114 30.7 22.4 41.6
77 56.5 47.1 70.7

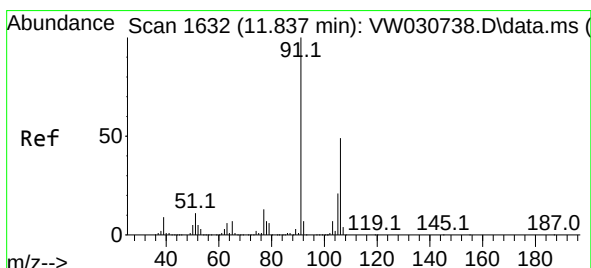
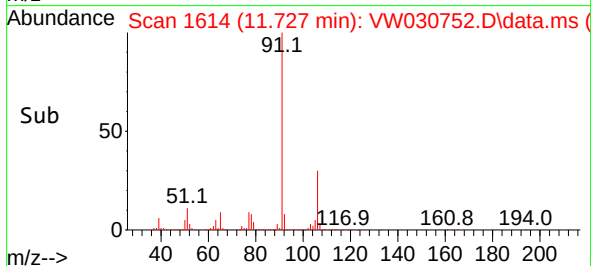
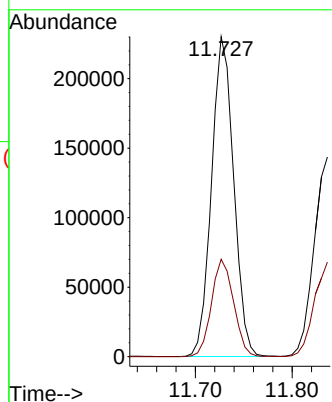
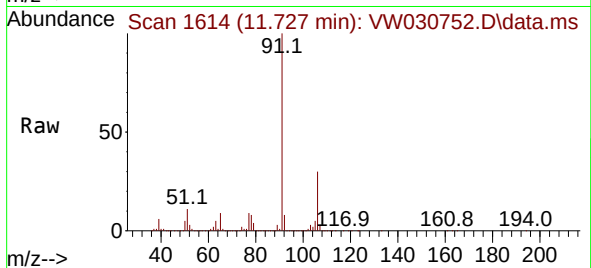




#52
Ethylbenzene
Concen: 14.830 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

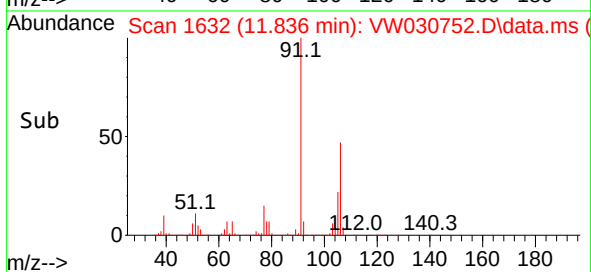
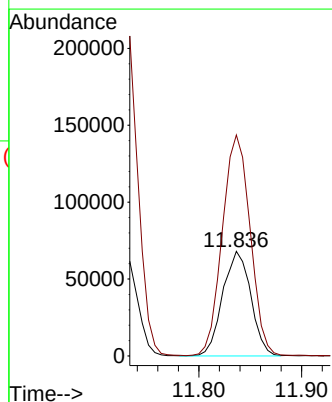
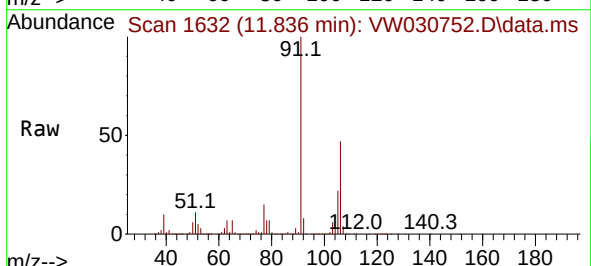
Instrument :
MSVOA_W
ClientSampleId :

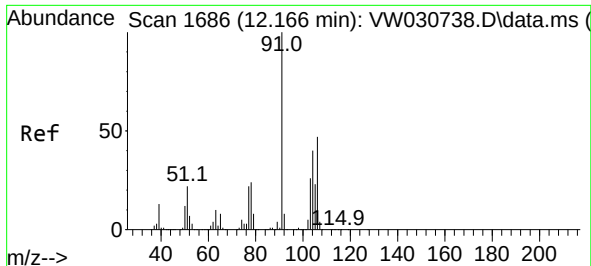
Tgt Ion: 91 Resp: 366180
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 13.993 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion: 106 Resp: 129447
Ion Ratio Lower Upper
106 100
91 211.2 140.6 261.2

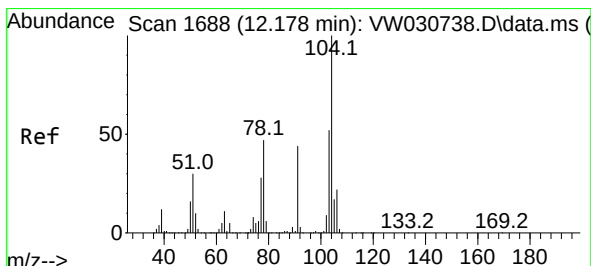
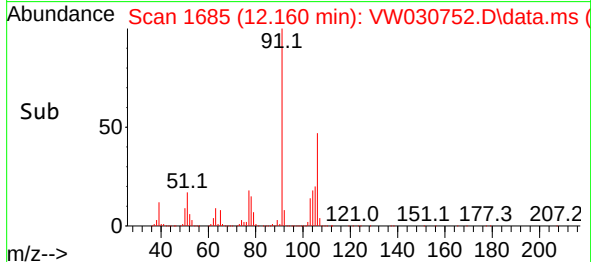
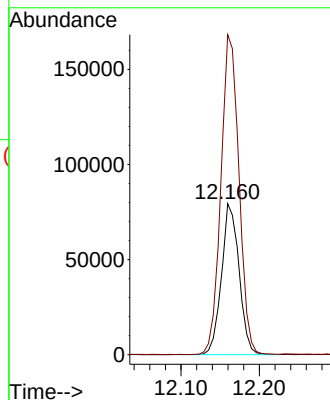
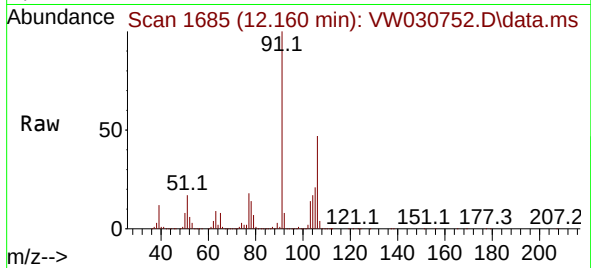




#54
o-Xylene
Concen: 14.487 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

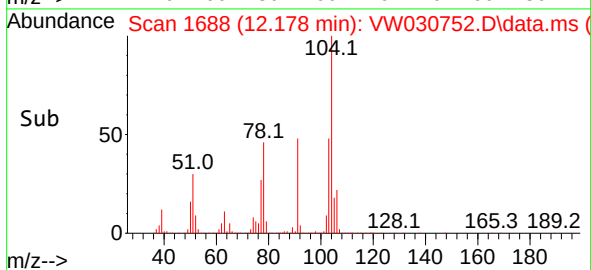
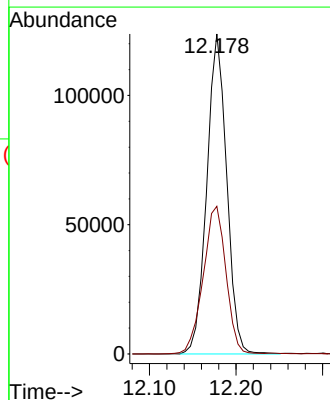
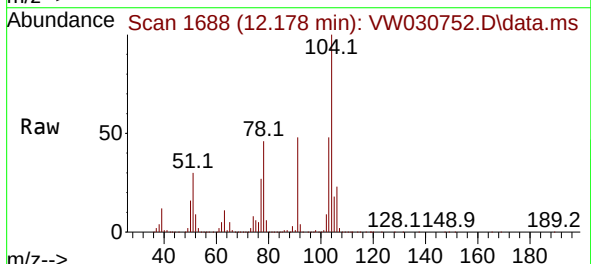
Instrument :
MSVOA_W
ClientSampleId :

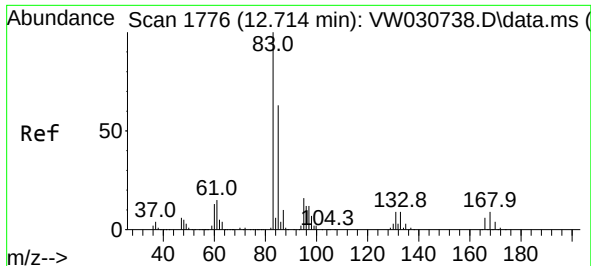
Tgt Ion:106 Resp: 123895
Ion Ratio Lower Upper
106 100
91 211.8 144.5 268.4



#55
Styrene
Concen: 13.529 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030752.D
Acq: 24 Oct 2024 18:18

Tgt Ion:104 Resp: 197799
Ion Ratio Lower Upper
104 100
78 46.2 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 14.685 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030752.D

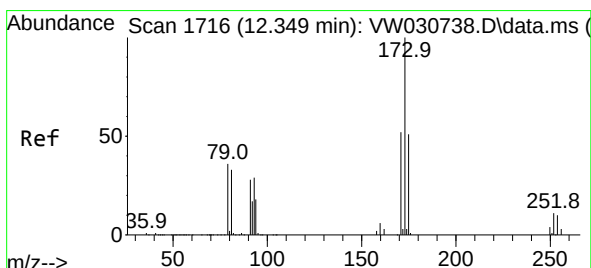
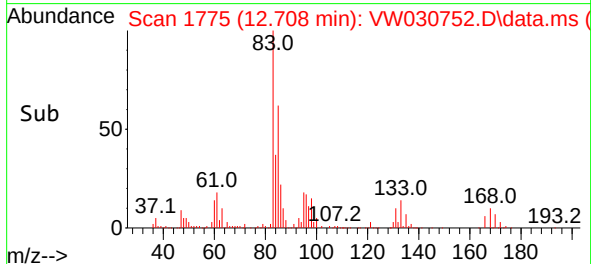
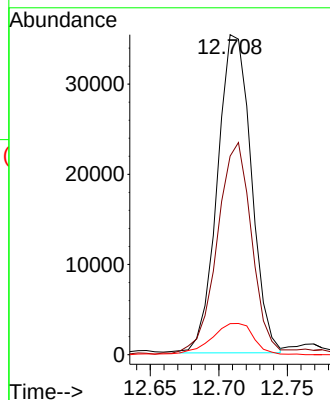
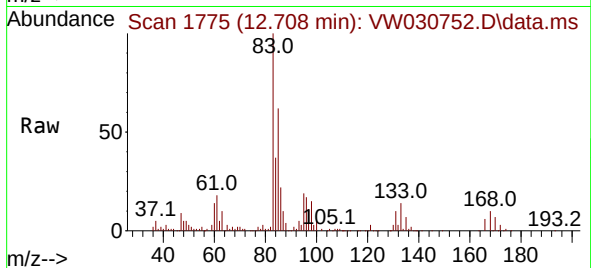
Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 60631
Ion Ratio	Lower Upper
83	100
85	62.1 42.6 79.2
131	9.7 7.4 11.0



#59

Bromoform

Concen: 25.585 ug/L

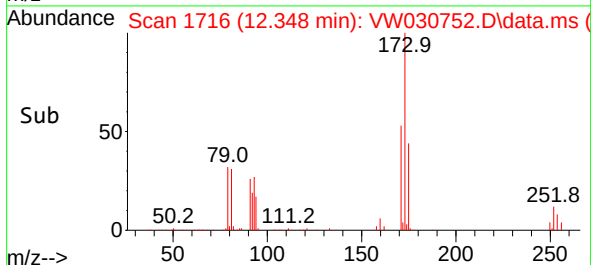
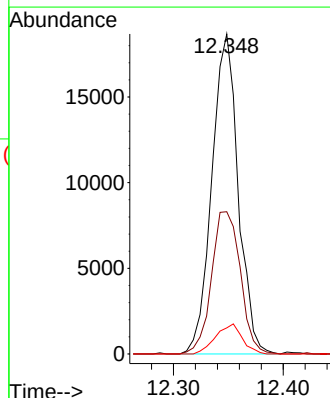
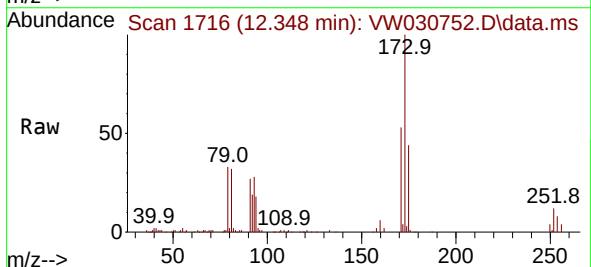
RT: 12.348 min Scan# 1716

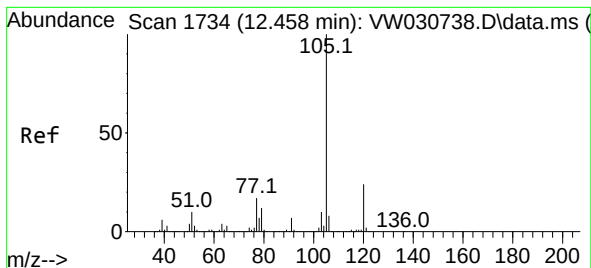
Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Tgt Ion: 173	Resp: 31212
Ion Ratio	Lower Upper
173	100
175	48.6 39.0 58.4
254	9.4 7.7 11.5





#60

Isopropylbenzene

Concen: 22.452 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

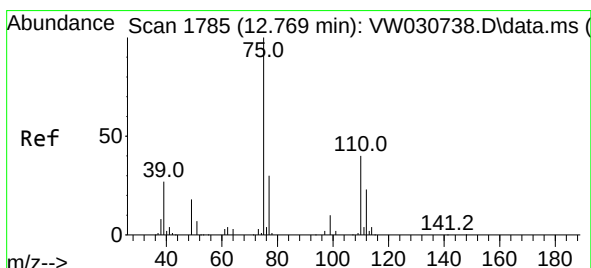
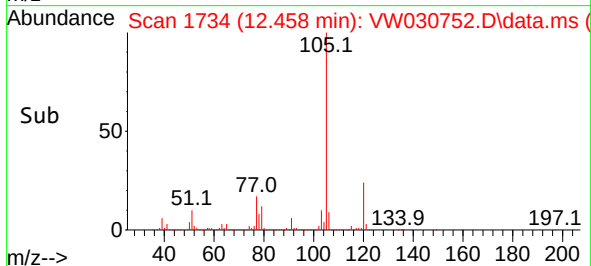
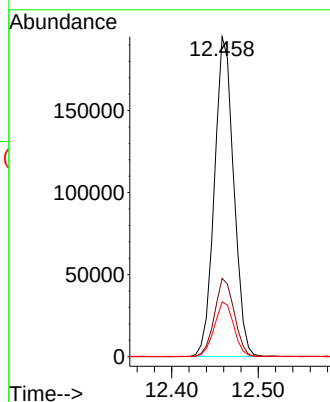
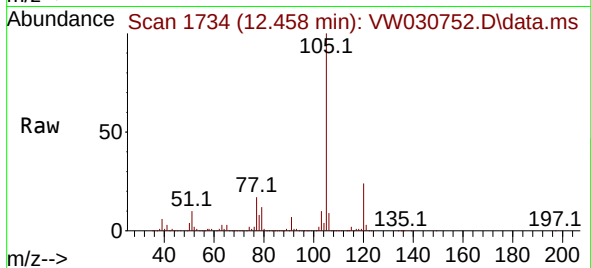
Tgt Ion:105 Resp: 301907

Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 17.1 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 28.345 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

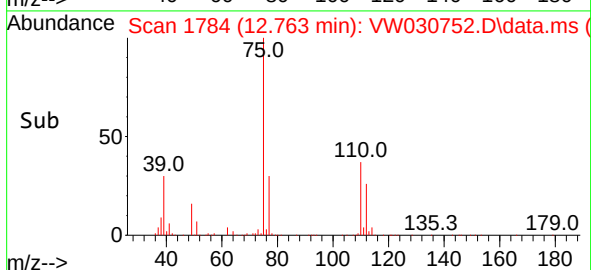
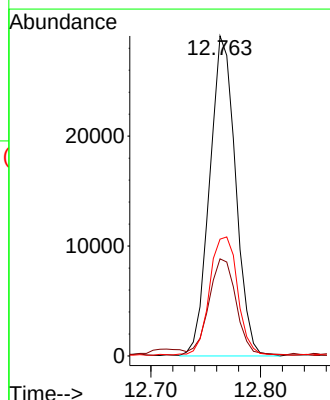
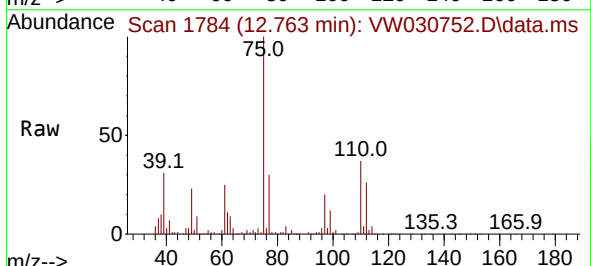
Tgt Ion: 75 Resp: 47891

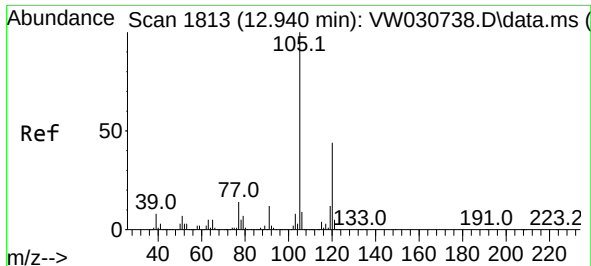
Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

110 40.0 32.3 48.5

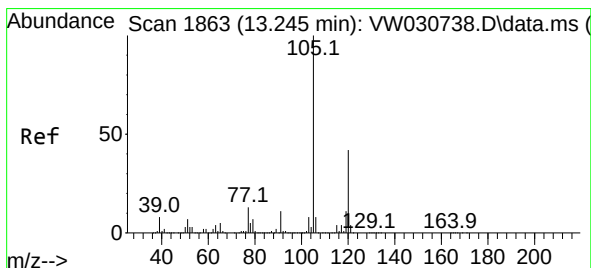
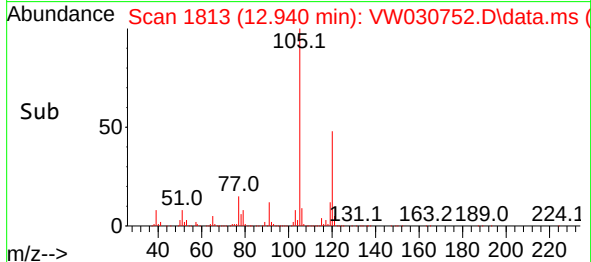
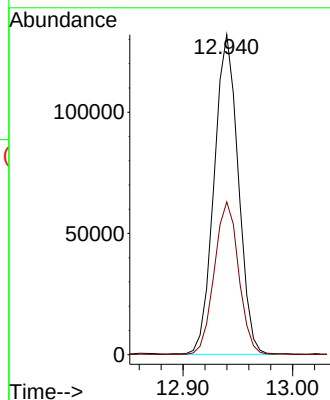
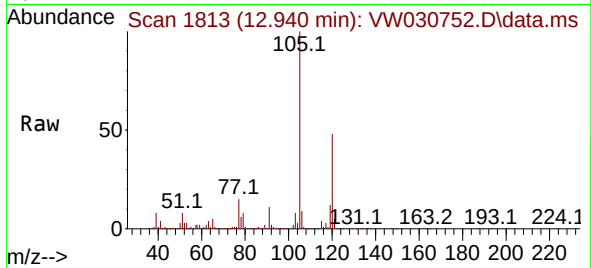




#62
 1,3,5-Trimethylbenzene
 Concen: 19.058 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW030752.D
 Acq: 24 Oct 2024 18:18

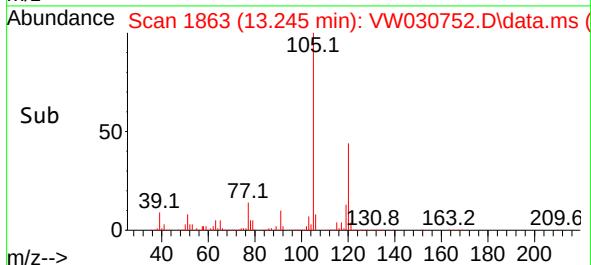
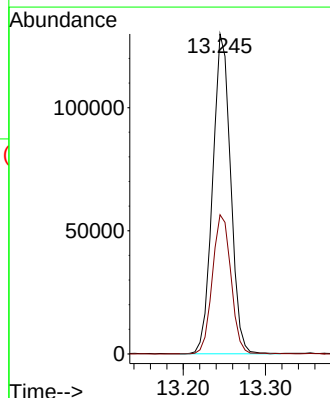
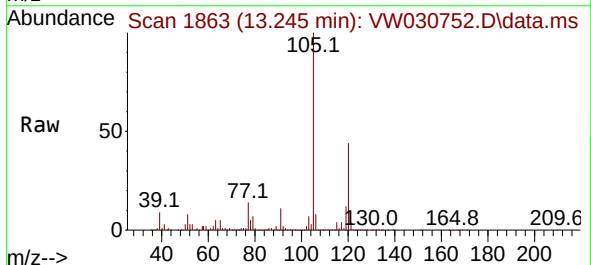
Instrument :
 MSVOA_W
 ClientSampleId :

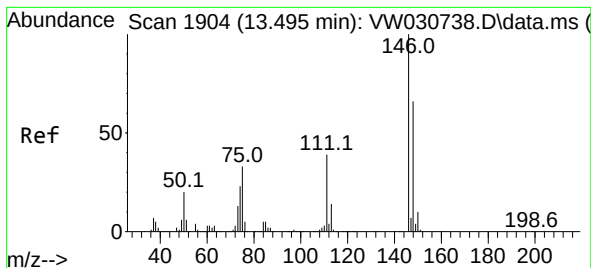
Tgt Ion:105 Resp: 202179
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 19.006 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW030752.D
 Acq: 24 Oct 2024 18:18

Tgt Ion:105 Resp: 197410
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 16.426 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030752.D

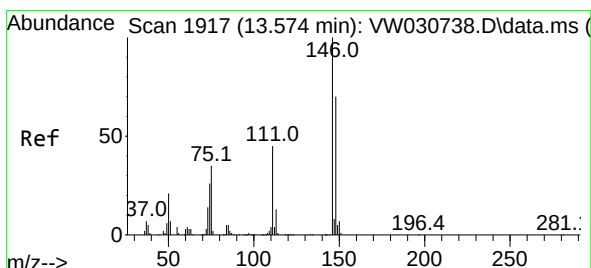
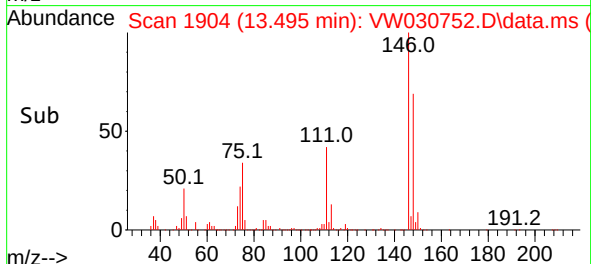
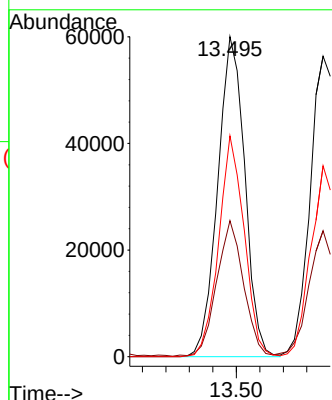
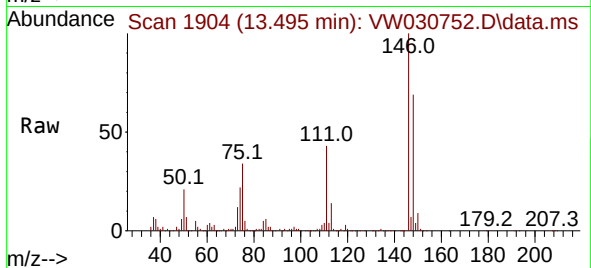
Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	96142
Ion	Ratio	Lower Upper
146	100	
111	42.5	31.2 58.0
148	69.0	45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 15.370 ug/L

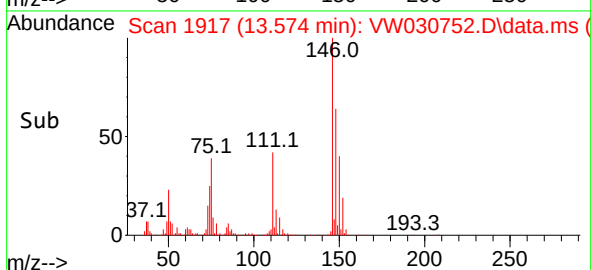
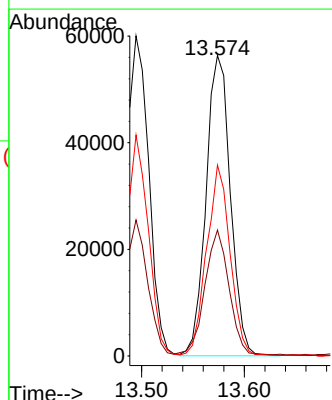
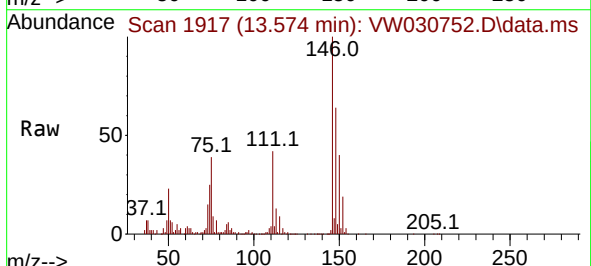
RT: 13.574 min Scan# 1917

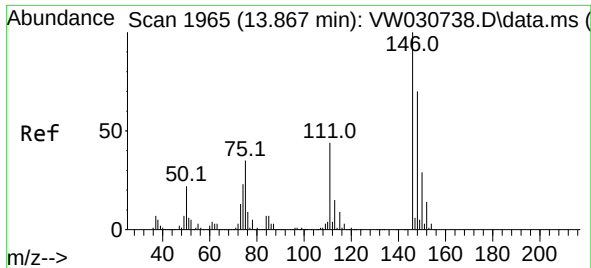
Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Tgt Ion:146	Resp:	92891
Ion	Ratio	Lower Upper
146	100	
111	41.9	26.8 49.8
148	63.6	41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 16.016 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

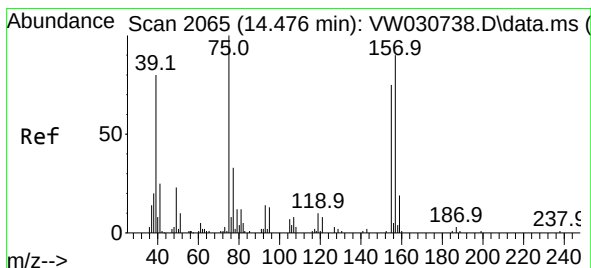
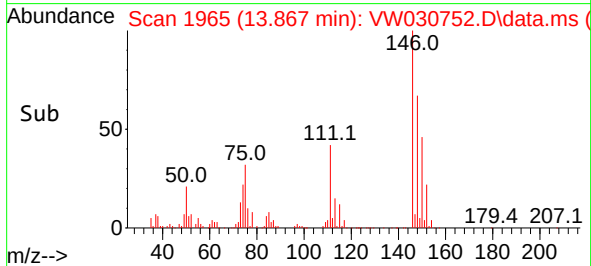
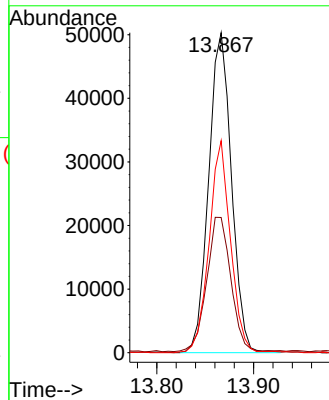
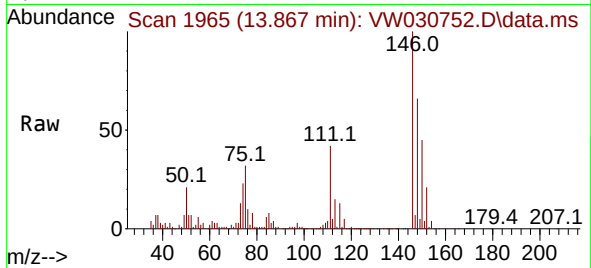
Tgt Ion:146 Resp: 82489

Ion Ratio Lower Upper

146 100

111 42.3 34.6 52.0

148 66.2 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 20.731 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

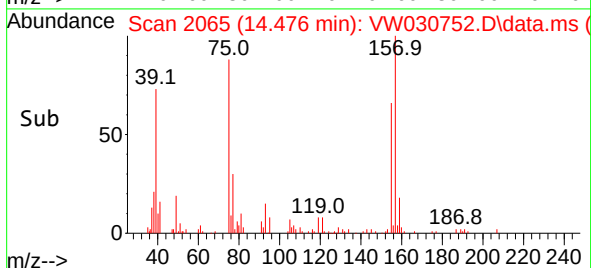
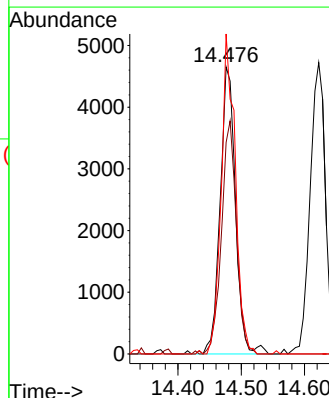
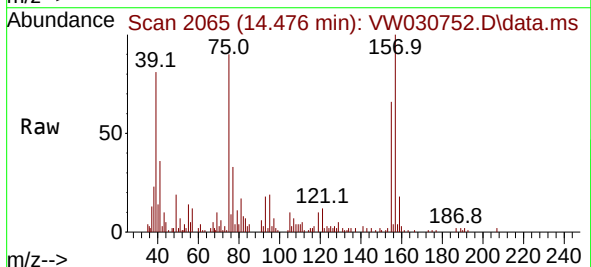
Tgt Ion: 75 Resp: 7810

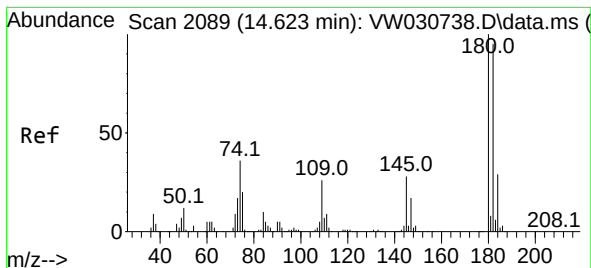
Ion Ratio Lower Upper

75 100

155 73.7 57.9 86.9

157 111.5 69.0 103.6#





#69

1,3,5-Trichlorobenzene

Concen: 9.970 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

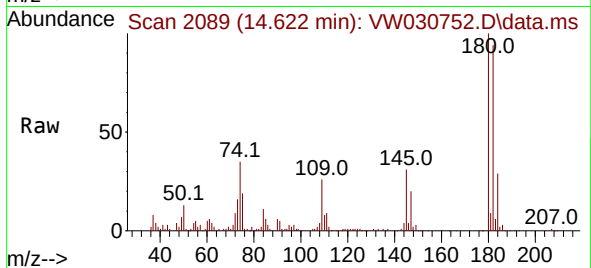
Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 38481

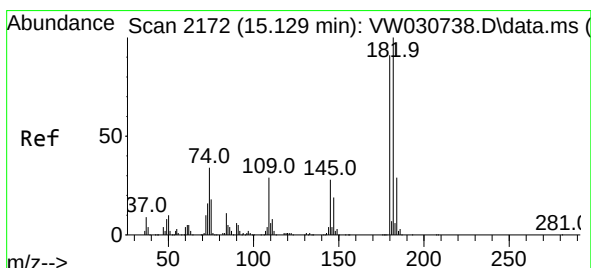
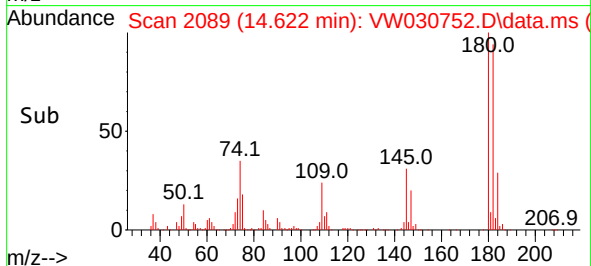
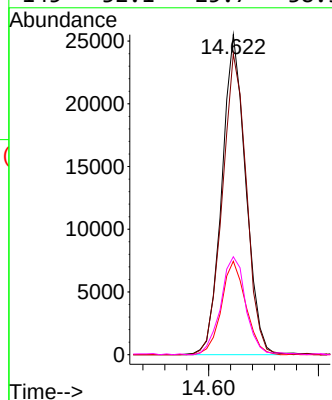
Ion Ratio Lower Upper

180 100

182 95.0 79.9 119.9

184 29.9 25.2 37.8

145 32.1 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 8.741 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

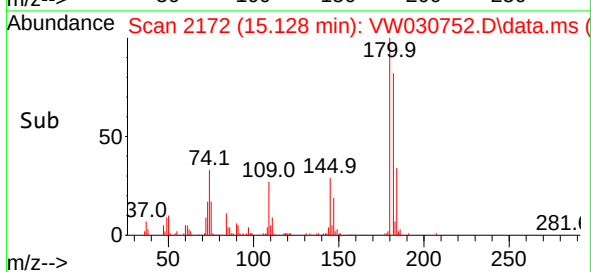
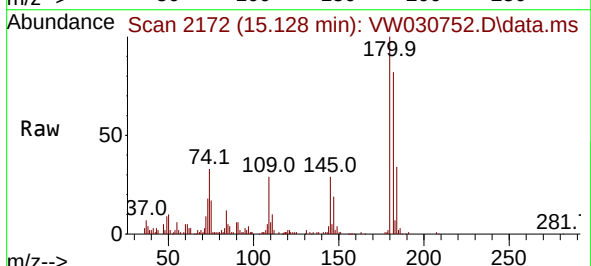
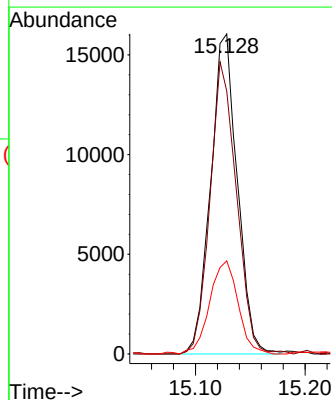
Tgt Ion:180 Resp: 27160

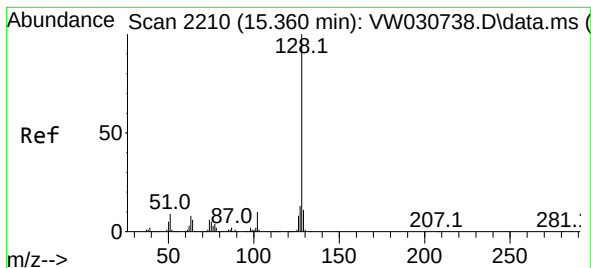
Ion Ratio Lower Upper

180 100

182 89.7 75.2 112.8

145 30.8 25.4 38.2





#71

Naphthalene

Concen: 11.094 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW030752.D

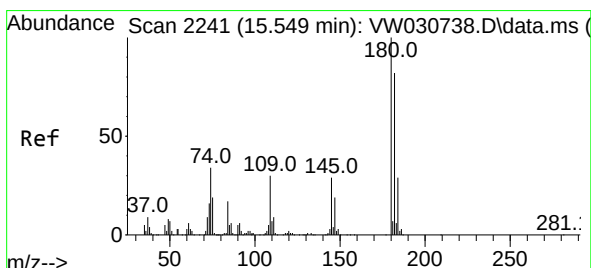
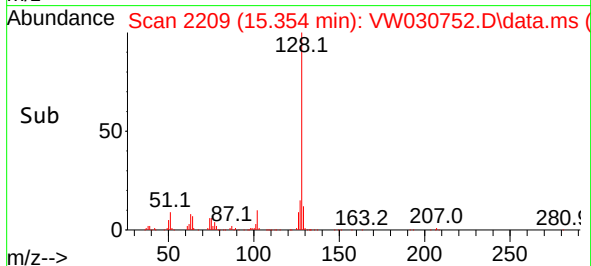
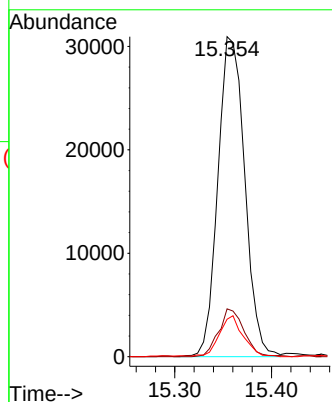
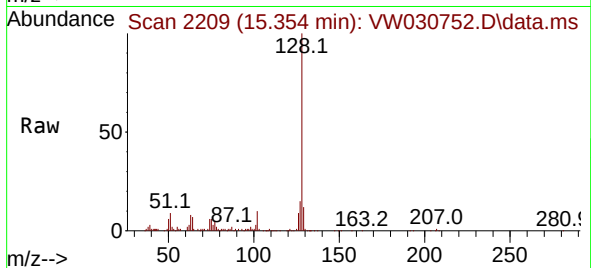
Acq: 24 Oct 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	59555
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.9 16.3
129	10.8	8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 7.200 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030752.D

Acq: 24 Oct 2024 18:18

Tgt Ion:180	Resp:	19395
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.2 114.4
145	34.5	27.4 41.2

