

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030540.D
 Acq On : 11 Oct 2024 10:43
 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 14 01:30:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 02:35:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	261662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238020	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105032	25.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.160%	
7) Chloroethane-d5	2.893	69	91829	29.496	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.000%	
11) 1,1-Dichloroethene-d2	4.192	65	190	0.111	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	= 0.440%#	
21) 2-Butanone-d5	7.075	46	45090	60.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.840%	
24) Chloroform-d	7.648	84	210279	28.101	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 112.400%	
26) 1,2-Dichloroethane-d4	8.307	65	111540	28.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 114.640%	
32) Benzene-d6	8.276	84	387035	28.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.080%	
36) 1,2-Dichloropropane-d6	9.270	67	116112	28.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 114.560%	
41) Toluene-d8	10.319	98	361949	28.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.800%	
43) trans-1,3-Dichloroprop...	10.575	79	48943	28.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 115.320%	
47) 2-Hexanone-d5	10.922	63	36036	69.002	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 138.000%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93117	31.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 125.080%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	112416	27.016	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	82641	24.720	ug/L	97
3) Chloromethane	2.223	50	103881	26.736	ug/L	97
5) Vinyl chloride	2.375	62	125907	26.350	ug/L	98
6) Bromomethane	2.789	94	83042	26.404	ug/L	92
8) Chloroethane	2.936	64	79185	27.109	ug/L	99
9) Trichlorofluoromethane	3.265	101	92508	21.637	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93668	24.351	ug/L	98
12) 1,1-Dichloroethene	4.045	96	84274	24.006	ug/L	86
13) Acetone	4.119	43	55915	51.600	ug/L	100
14) Carbon disulfide	4.393	76	280416	24.461	ug/L	100
15) Methyl Acetate	4.667	43	37205	27.795	ug/L	99
16) Methylene chloride	4.917	84	92744	23.445	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	93743	24.746	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	132597	25.010	ug/L	100
19) 1,1-Dichloroethane	6.216	63	180449	25.630	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	101081	25.017	ug/L	98
22) 2-Butanone	7.167	43	61993	53.073	ug/L	98
23) Bromochloromethane	7.514	128	43193	24.436	ug/L #	87
25) Chloroform	7.673	83	190943	25.378	ug/L	96

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 Response via : Initial Calibration

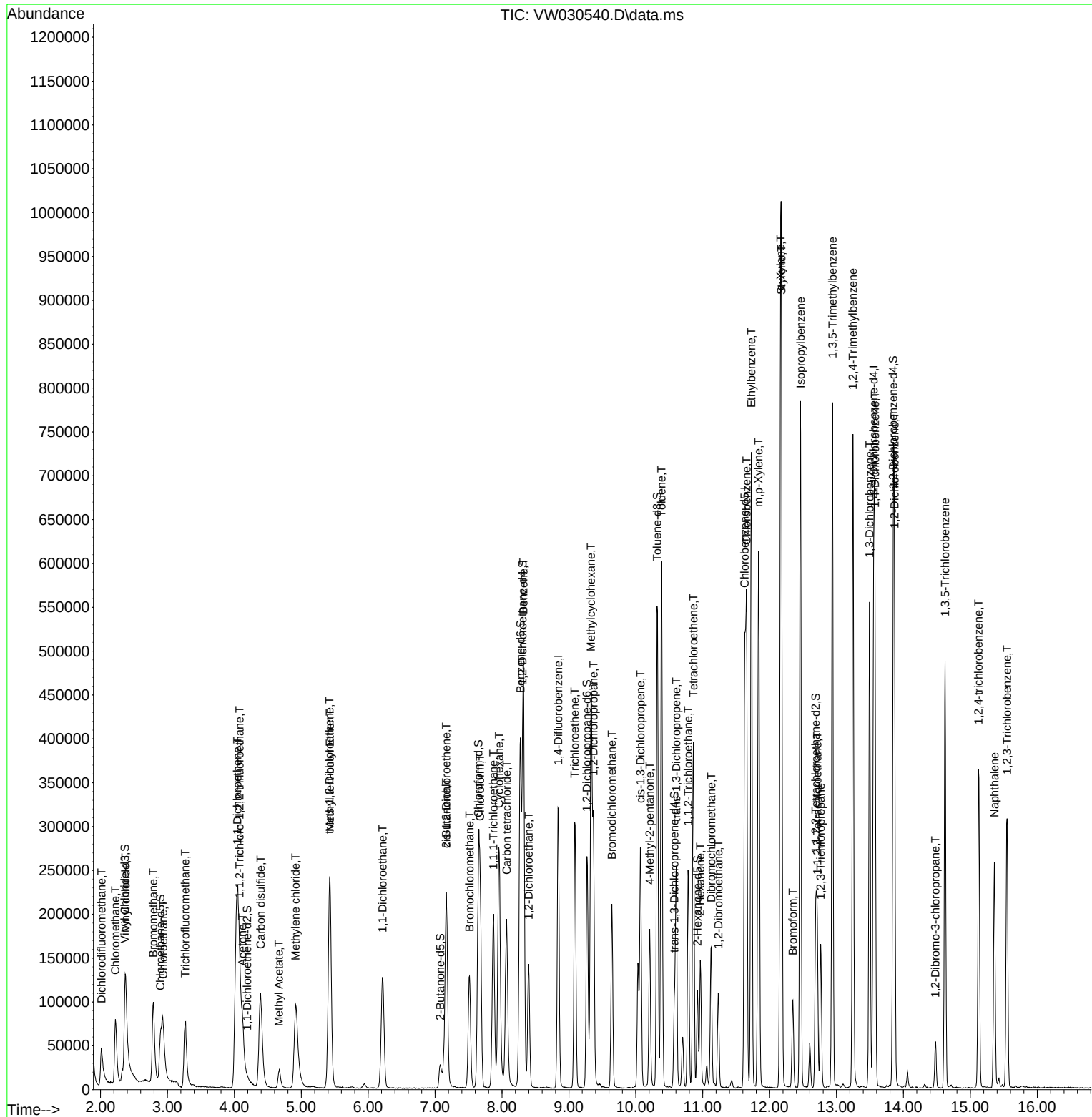
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126706	25.527	ug/L	99
29) Cyclohexane	7.959	56	151154	26.088	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	154172	24.400	ug/L	98
31) Carbon tetrachloride	8.069	117	139681	24.751	ug/L	96
33) Benzene	8.319	78	397899	25.689	ug/L	100
34) Trichloroethene	9.087	95	103471	24.012	ug/L	99
35) Methylcyclohexane	9.331	83	177801	26.218	ug/L	99
37) 1,2-Dichloropropane	9.368	63	102655	26.536	ug/L	99
38) Bromodichloromethane	9.642	83	133552	25.948	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	151616	25.983	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	113514	61.079	ug/L	98
42) Toluene	10.386	91	433864	26.255	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	131344	26.786	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	73908	26.435	ug/L	97
46) Tetrachloroethene	10.861	164	78868	24.815	ug/L	95
48) 2-Hexanone	10.965	43	89465	58.866	ug/L	98
49) Dibromochloromethane	11.129	129	78951	25.308	ug/L	92
50) 1,2-Dibromoethane	11.233	107	69833	26.768	ug/L	98
51) Chlorobenzene	11.654	112	265350	24.945	ug/L	98
52) Ethylbenzene	11.727	91	484914	25.717	ug/L	100
53) m,p-Xylene	11.837	106	182572	25.845	ug/L	99
54) o-Xylene	12.166	106	170156	26.054	ug/L	92
55) Styrene	12.178	104	298572	26.742	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	87123	27.633	ug/L	96
59) Bromoform	12.349	173	43943	25.433	ug/L	98
60) Isopropylbenzene	12.465	105	480241	25.217	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63157	26.392	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	388670	25.868	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	379729	25.813	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	197152	23.783	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	206285	24.100	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	180905	24.800	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13862	25.979	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	132177	24.180	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	101983	23.174	ug/L	95
71) Naphthalene	15.360	128	199041	26.179	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95401	25.006	ug/L	100

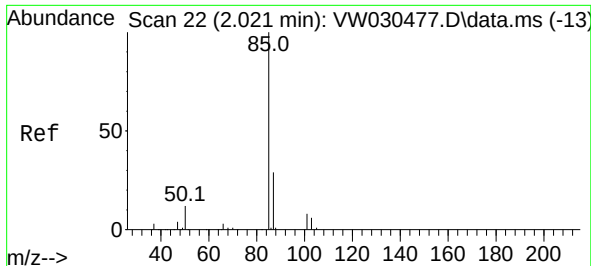
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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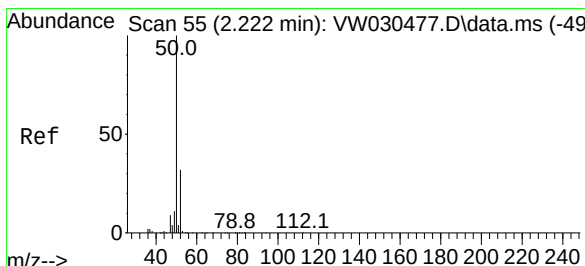
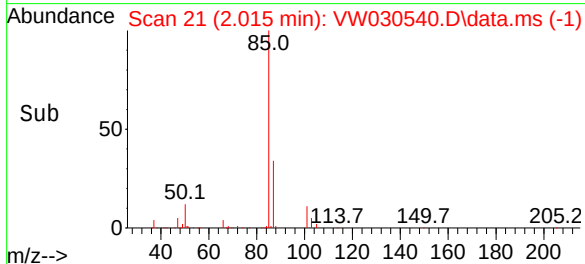
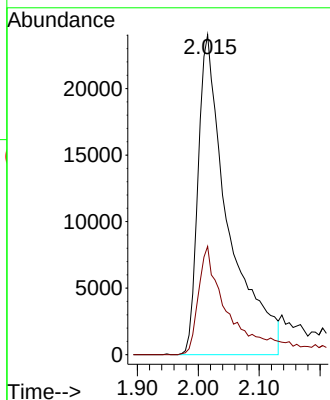
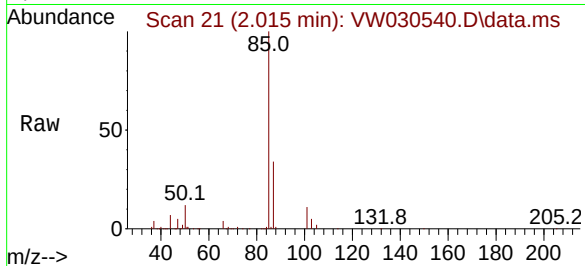




#2
 Dichlorodifluoromethane
 Concen: 24.720 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030540.D
 Acq: 11 Oct 2024 10:43

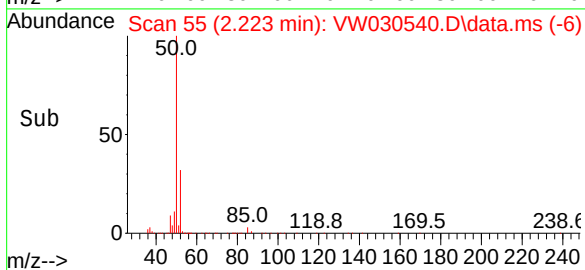
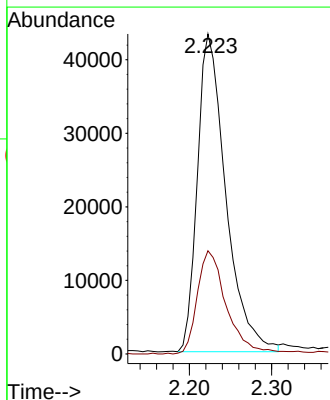
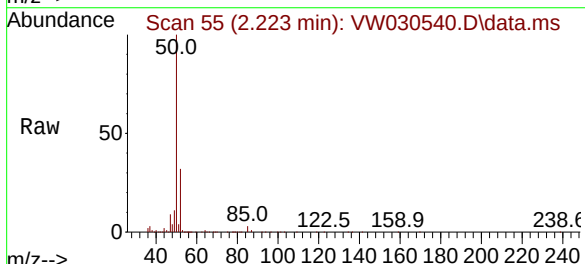
Instrument :
 MSVOA_W
 ClientSampleId :

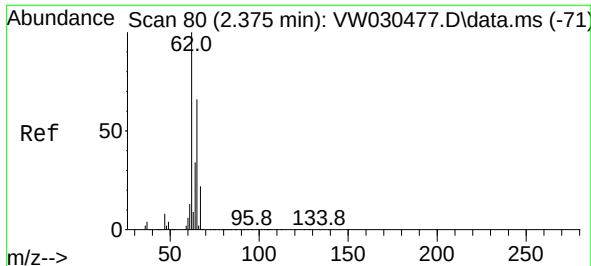
Tgt Ion: 85 Resp: 82641
 Ion Ratio Lower Upper
 85 100
 87 28.0 23.8 35.6



#3
 Chloromethane
 Concen: 26.736 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030540.D
 Acq: 11 Oct 2024 10:43

Tgt Ion: 50 Resp: 103881
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.7 43.9

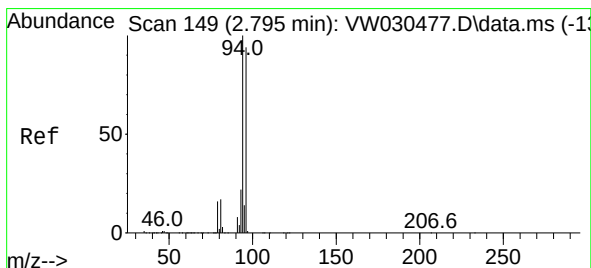
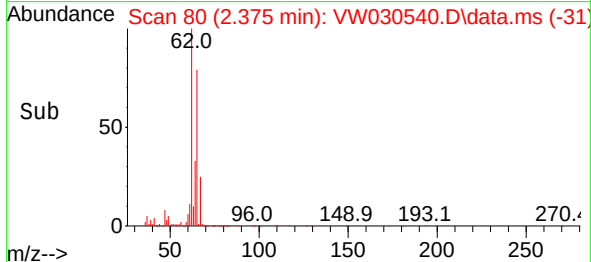
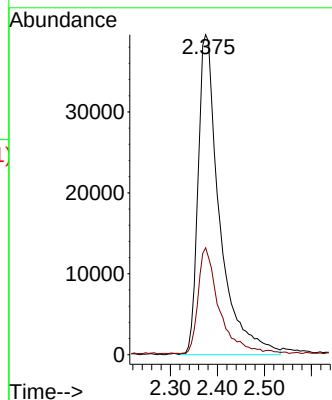
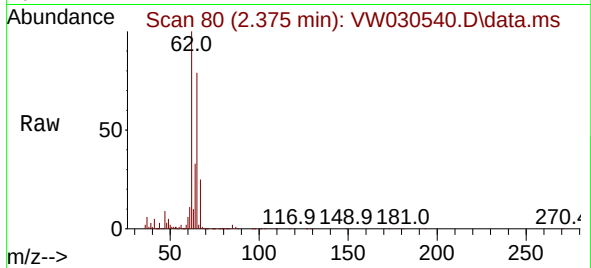




#5
 Vinyl chloride
 Concen: 26.350 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030540.D
 Acq: 11 Oct 2024 10:43

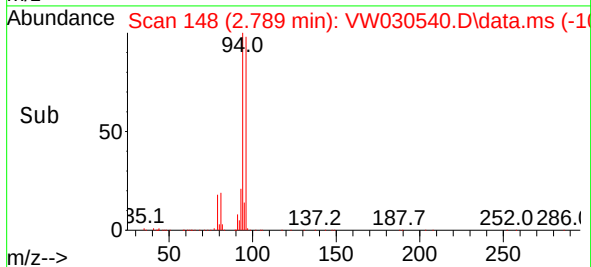
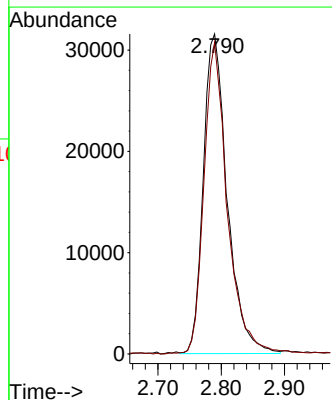
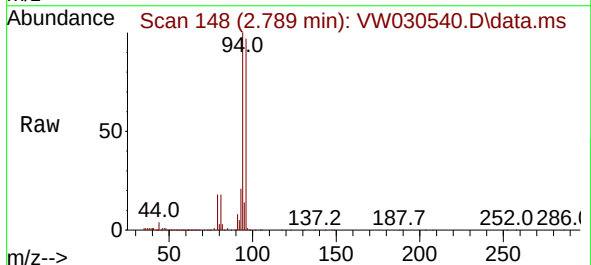
Instrument :
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 ClientSampleId :

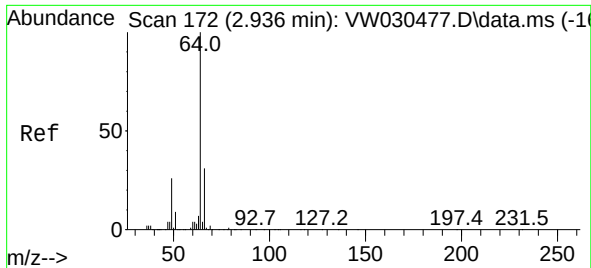
Tgt Ion: 62 Resp: 125907
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.6 42.0



#6
 Bromomethane
 Concen: 26.404 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030540.D
 Acq: 11 Oct 2024 10:43

Tgt Ion: 94 Resp: 83042
 Ion Ratio Lower Upper
 94 100
 96 97.4 62.6 116.2

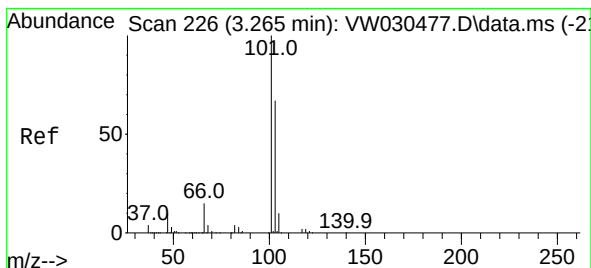
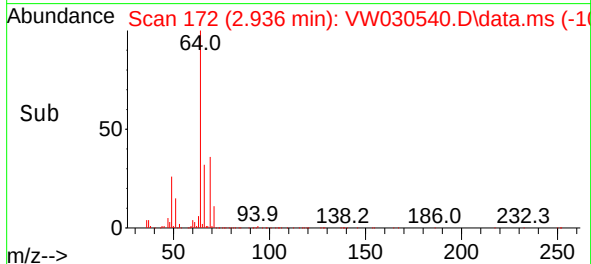
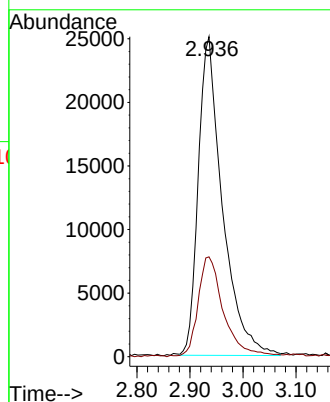
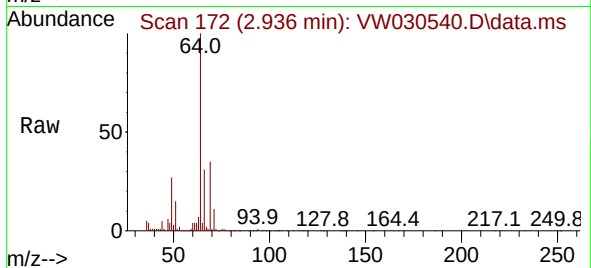




#8
Chloroethane
Concen: 27.109 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

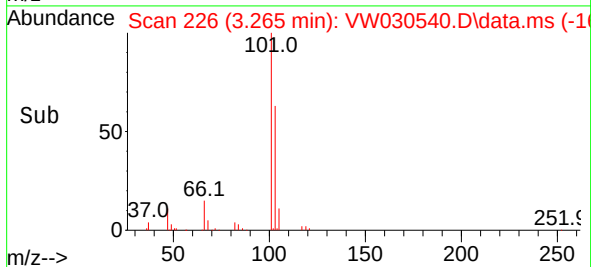
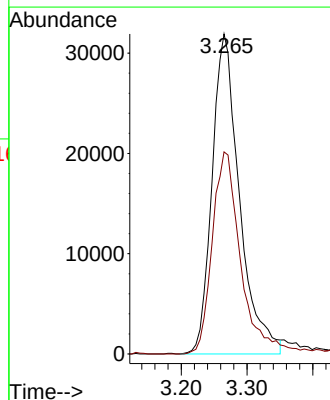
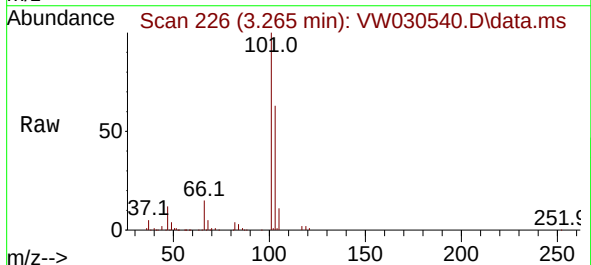
Instrument :
MSVOA_W
ClientSampleId :

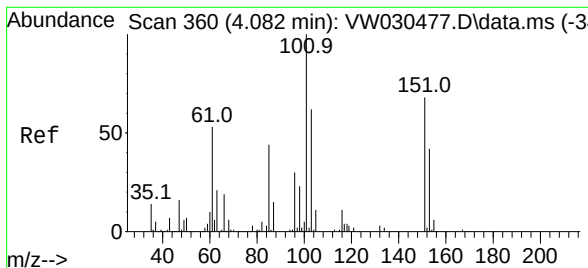
Tgt Ion: 64 Resp: 79185
Ion Ratio Lower Upper
64 100
66 31.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.637 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

Tgt Ion:101 Resp: 92508
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7





#10

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

Concen: 24.351 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

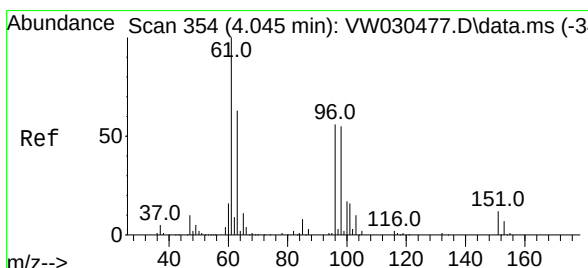
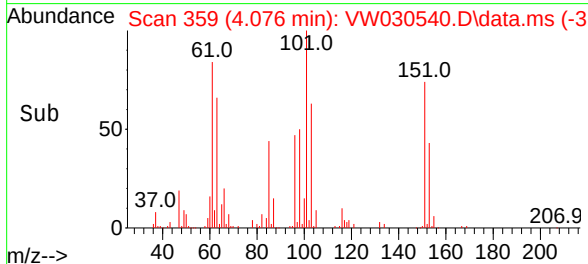
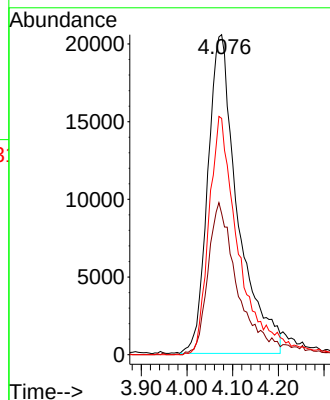
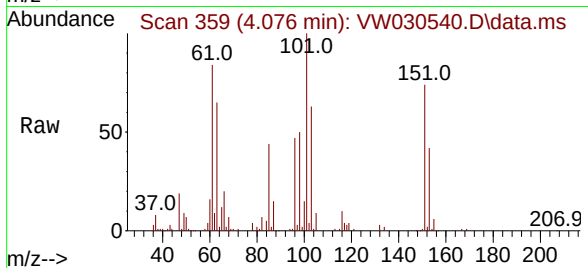
Tgt Ion:101 Resp: 93668

Ion Ratio Lower Upper

101 100

85 43.6 35.7 53.5

151 68.4 56.1 84.1



#12

1,1-Dichloroethene

Concen: 24.006 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

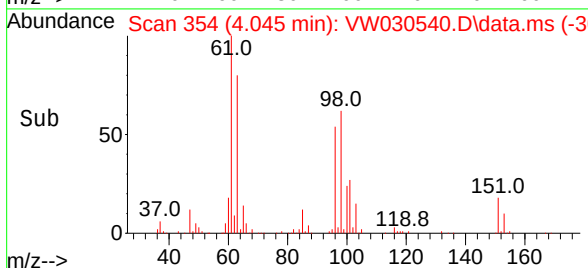
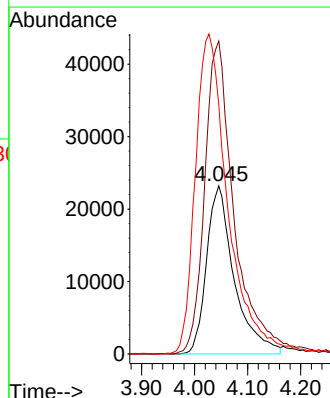
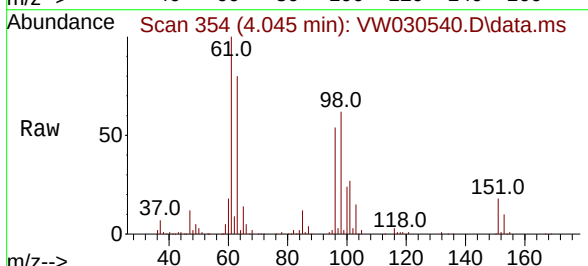
Tgt Ion: 96 Resp: 84274

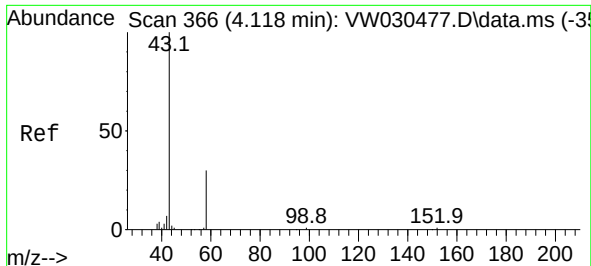
Ion Ratio Lower Upper

96 100

61 186.2 121.3 225.3

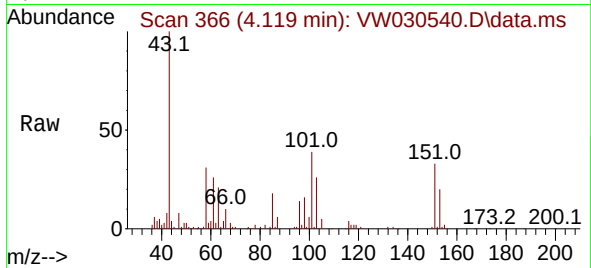
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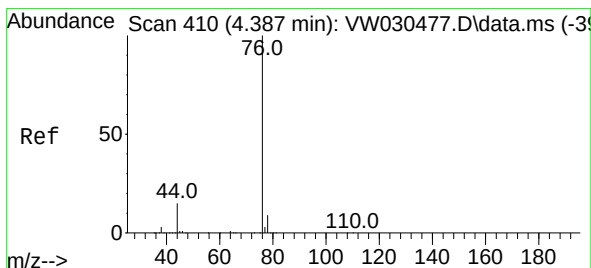
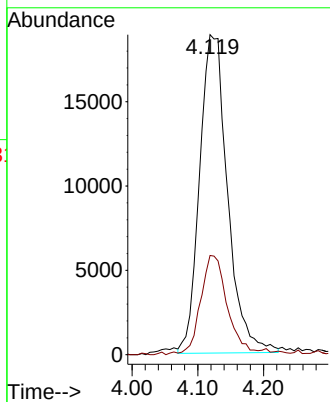
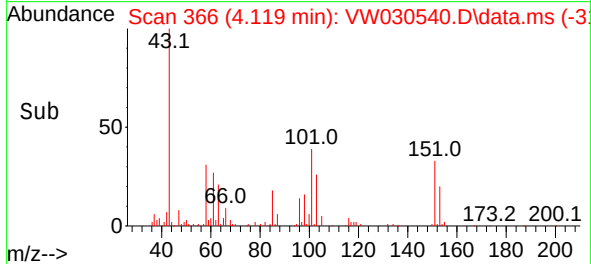


#13
Acetone
Concen: 51.600 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW030540.D
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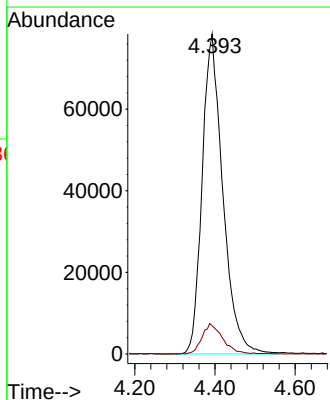
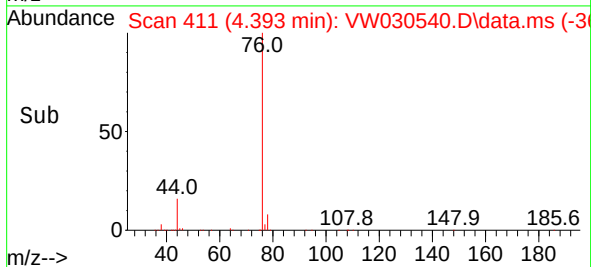
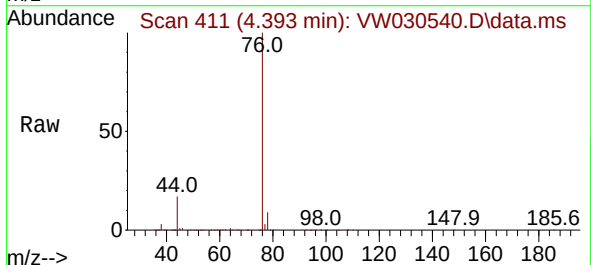


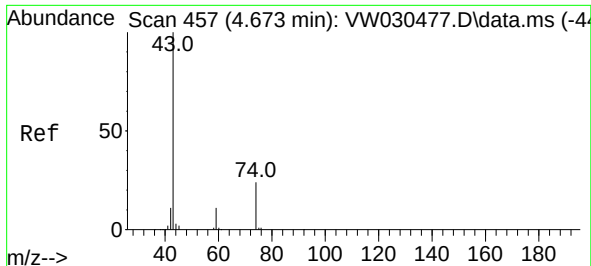
Tgt Ion: 43 Resp: 55915
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.6



#14
Carbon disulfide
Concen: 24.461 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Acq: 11 Oct 2024 10:43

Tgt Ion: 76 Resp: 280416
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#15

Methyl Acetate

Concen: 27.795 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.012 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

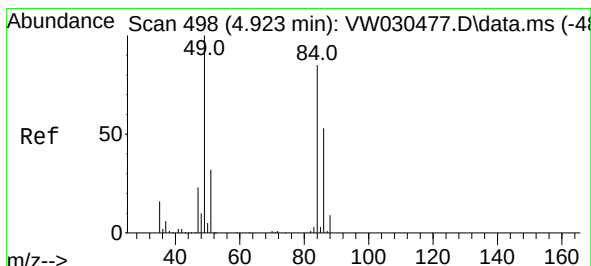
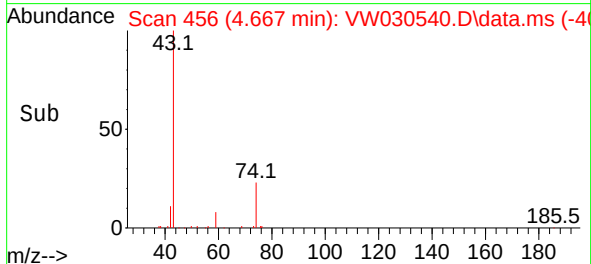
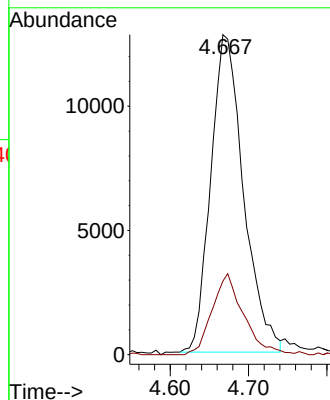
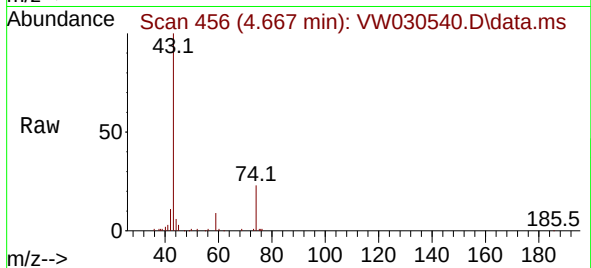
ClientSampleId :

Tgt Ion: 43 Resp: 37205

Ion Ratio Lower Upper

43 100

74 24.4 19.3 28.9



#16

Methylene chloride

Concen: 23.445 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

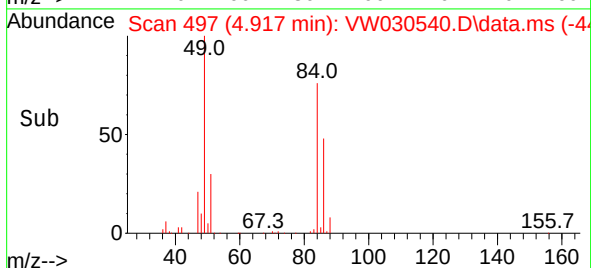
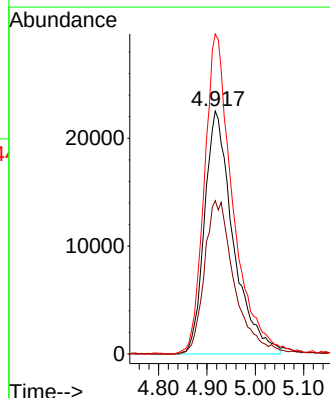
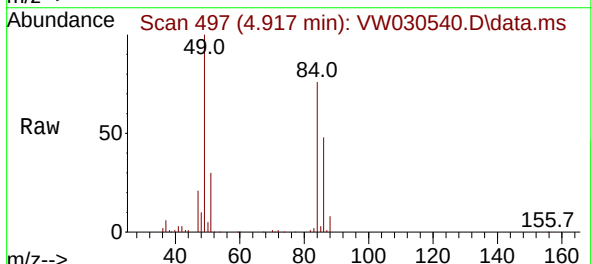
Tgt Ion: 84 Resp: 92744

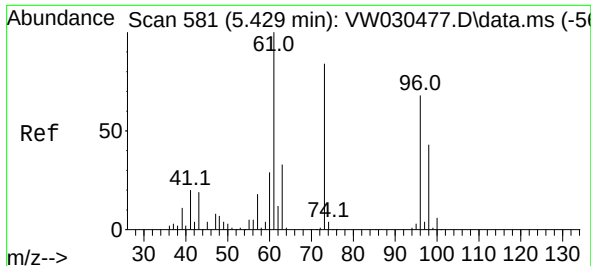
Ion Ratio Lower Upper

84 100

86 63.1 43.8 81.3

49 131.7 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 24.746 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.012 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

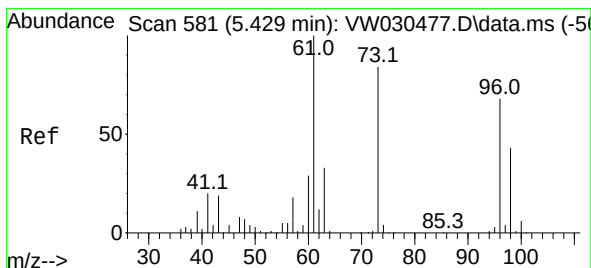
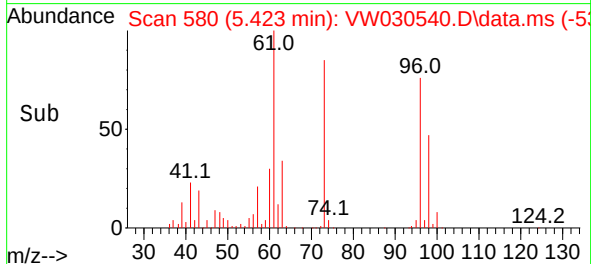
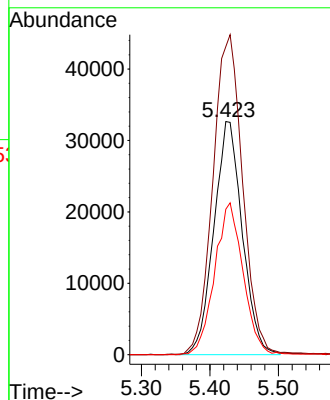
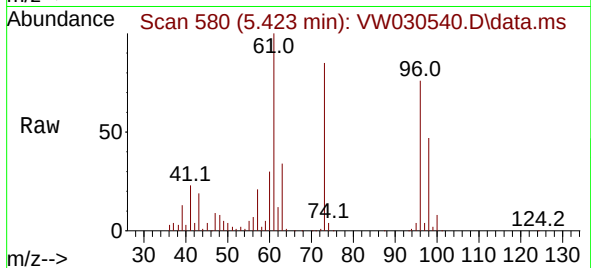
Tgt Ion: 96 Resp: 93743

Ion Ratio Lower Upper

96 100

61 132.1 96.9 179.9

98 62.3 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 25.010 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

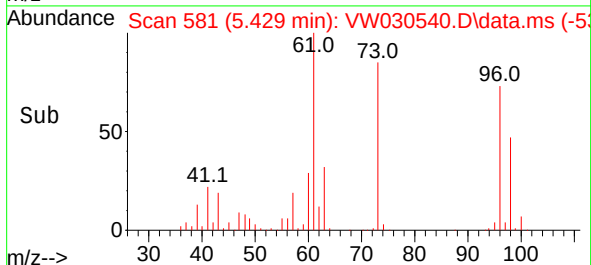
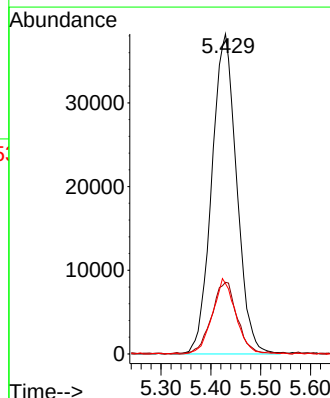
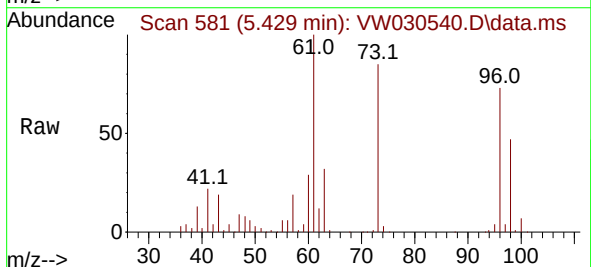
Tgt Ion: 73 Resp: 132597

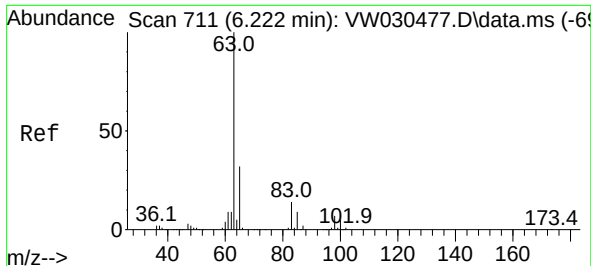
Ion Ratio Lower Upper

73 100

43 22.7 18.1 27.1

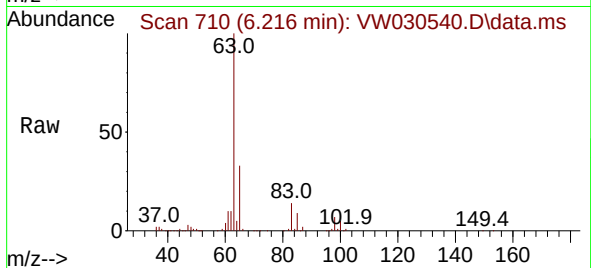
57 22.1 17.7 26.5



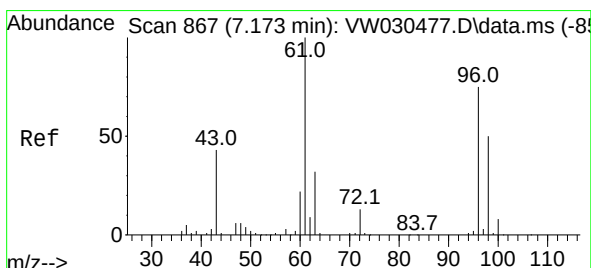
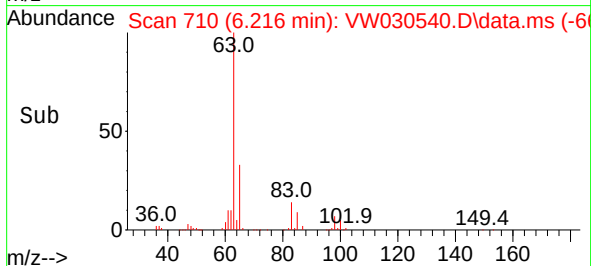
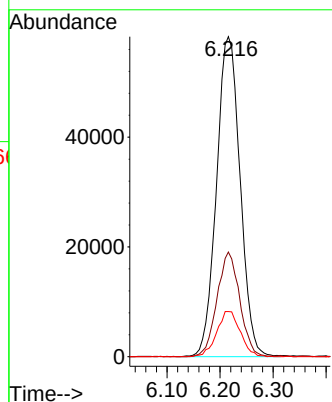


#19
1,1-Dichloroethane
Concen: 25.630 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

Instrument :
MSVOA_W
ClientSampleId :

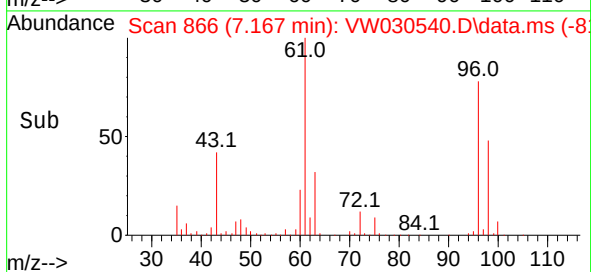
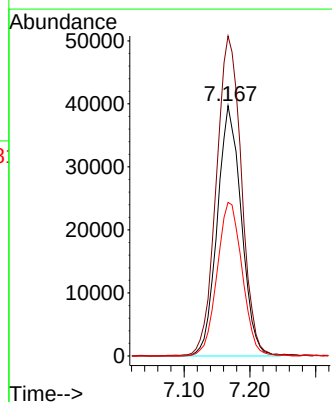
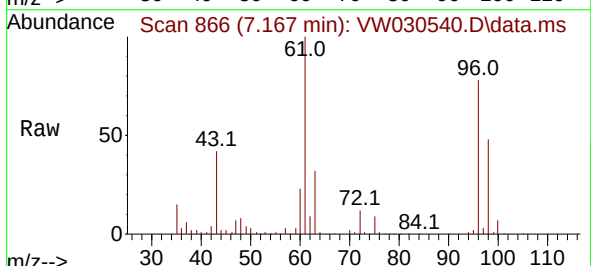


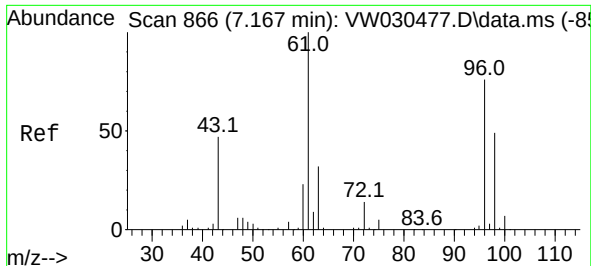
Tgt Ion: 63 Resp: 180449
Ion Ratio Lower Upper
63 100
65 32.7 22.5 41.9
83 14.1 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 25.017 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

Tgt Ion: 96 Resp: 101081
Ion Ratio Lower Upper
96 100
61 127.8 88.3 163.9
98 61.4 41.3 76.7





#22

2-Butanone

Concen: 53.073 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

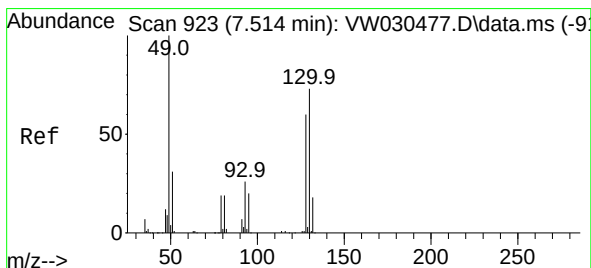
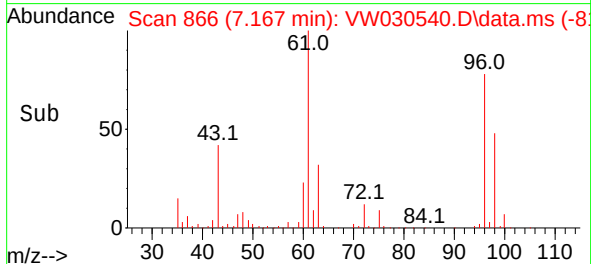
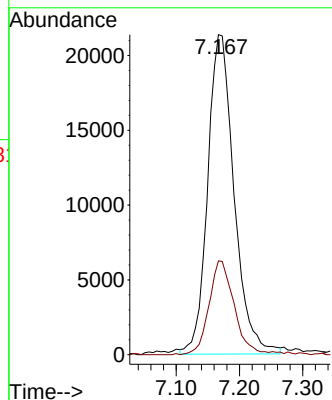
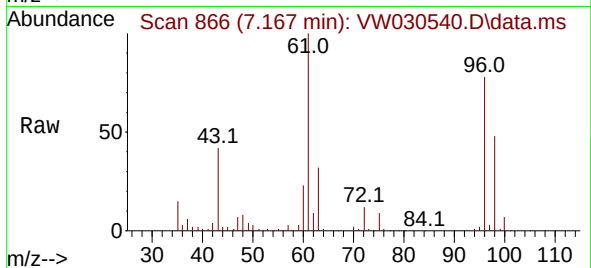
ClientSampleId :

Tgt Ion: 43 Resp: 61993

Ion Ratio Lower Upper

43 100

72 27.8 14.4 43.0



#23

Bromochloromethane

Concen: 24.436 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Tgt Ion:128 Resp: 43193

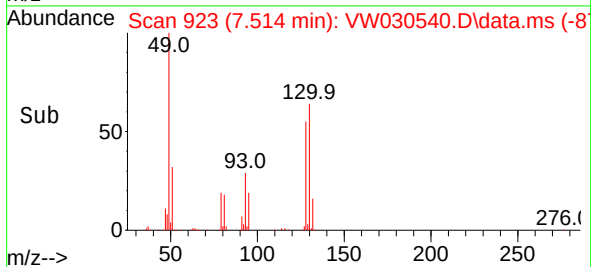
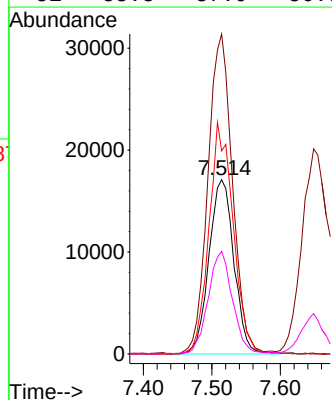
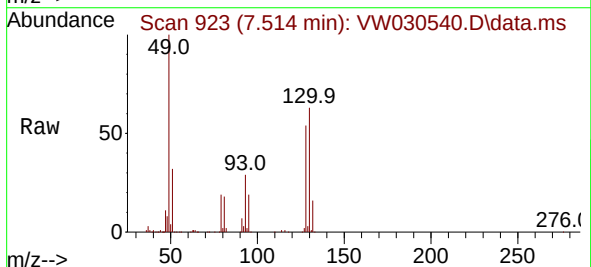
Ion Ratio Lower Upper

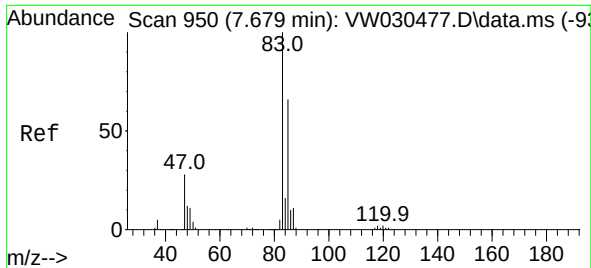
128 100

49 183.6 110.1 204.5

130 116.5 82.9 153.9

51 58.8 37.9 56.9#

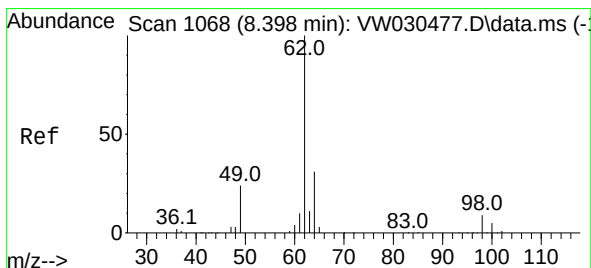
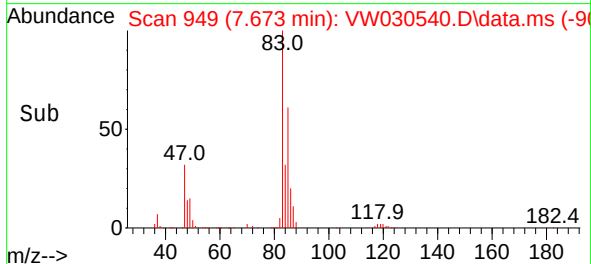
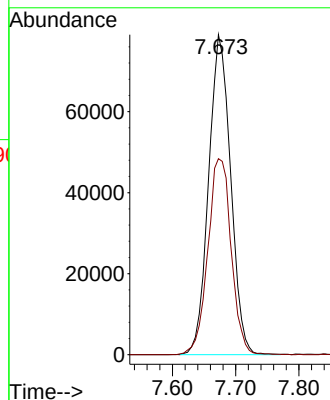
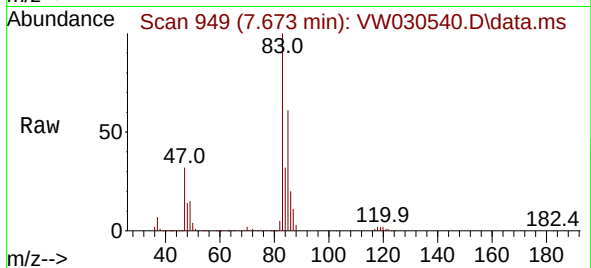




#25
Chloroform
Concen: 25.378 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

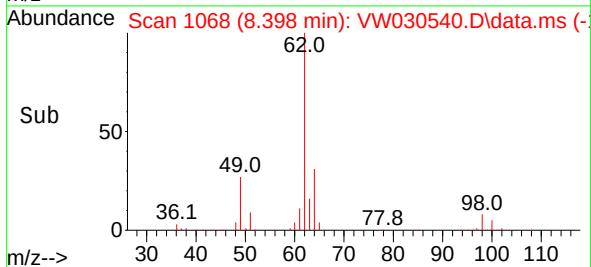
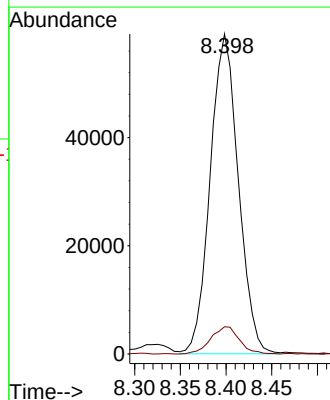
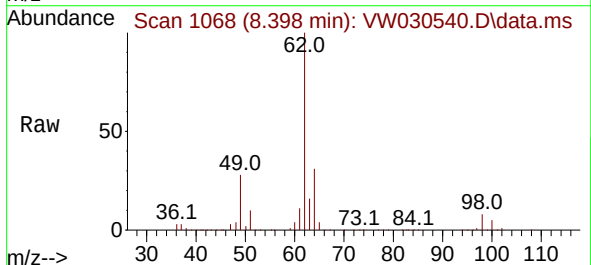
Instrument :
MSVOA_W
ClientSampleId :

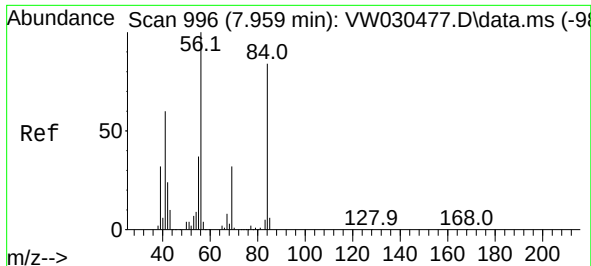
Tgt Ion: 83 Resp: 190943
Ion Ratio Lower Upper
83 100
85 61.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.527 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

Tgt Ion: 62 Resp: 126706
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 26.088 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

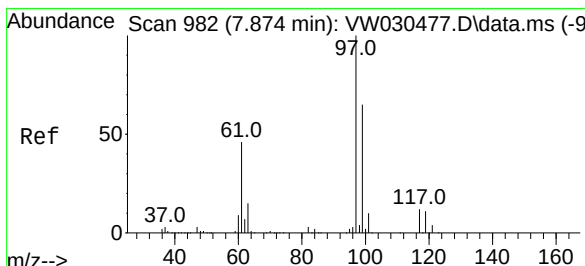
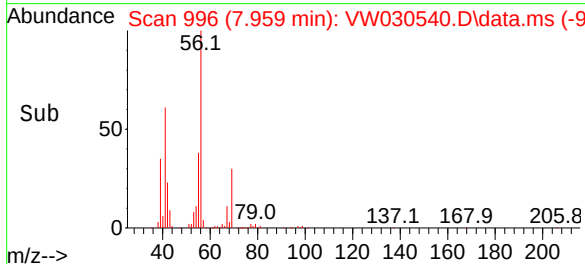
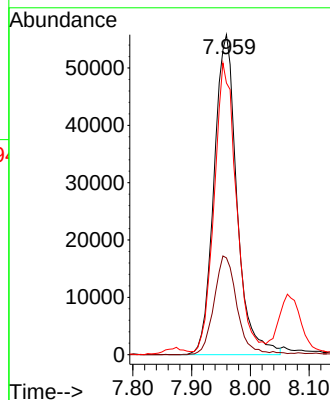
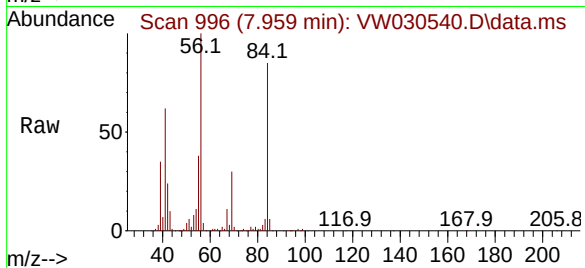
Tgt Ion: 56 Resp: 151154

Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 88.7 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 24.400 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

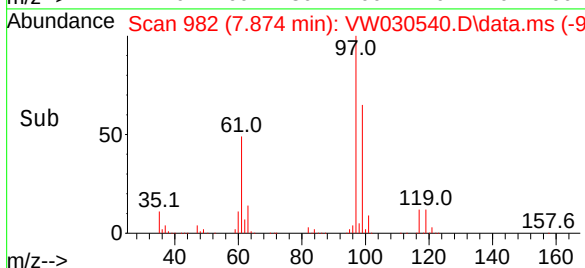
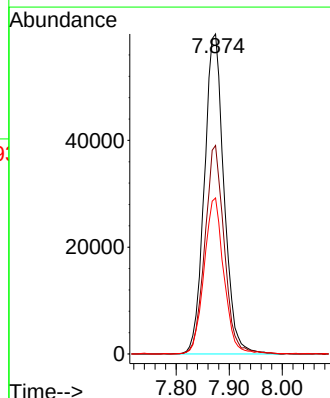
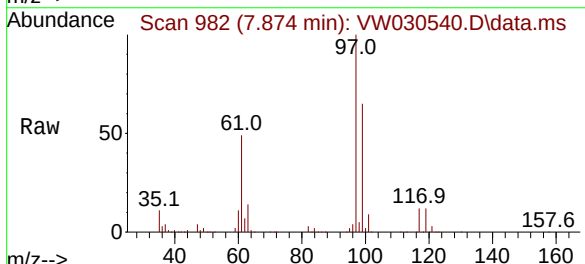
Tgt Ion: 97 Resp: 154172

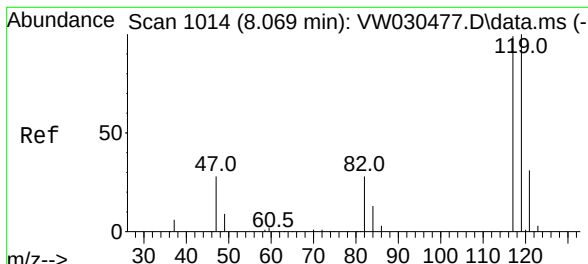
Ion Ratio Lower Upper

97 100

99 63.6 52.3 78.5

61 48.8 38.5 57.7

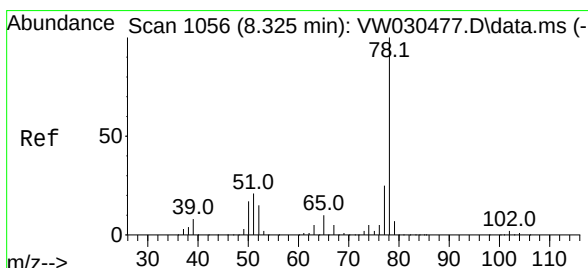
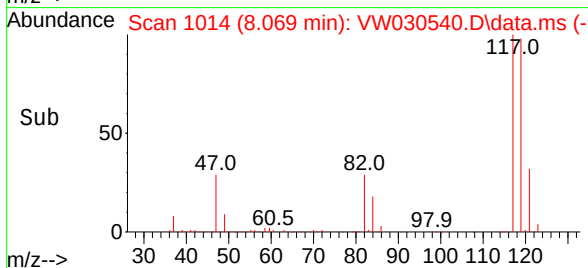
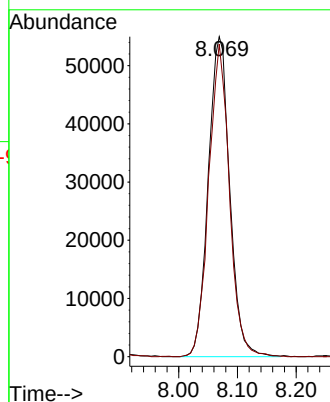
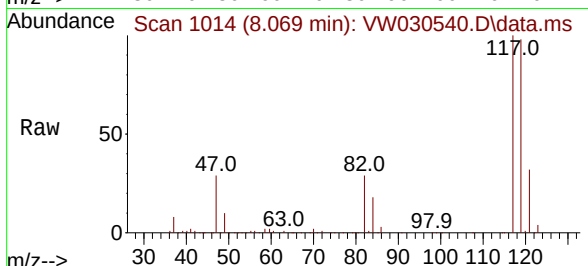




#31
Carbon tetrachloride
Concen: 24.751 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

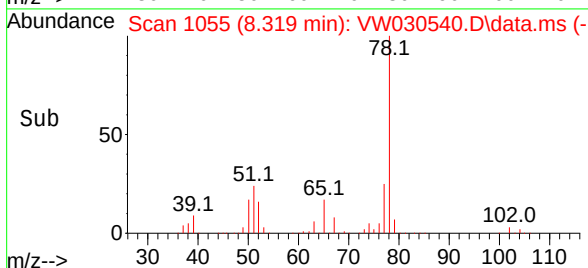
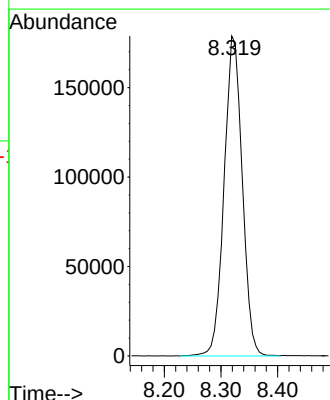
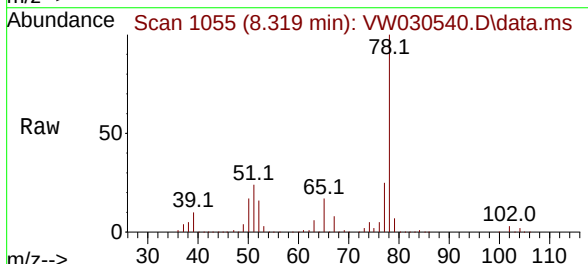
Instrument :
MSVOA_W
ClientSampleId :

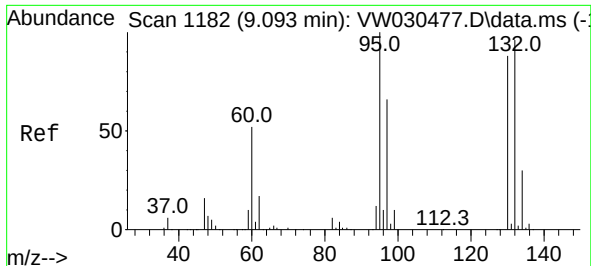
Tgt Ion:117 Resp: 139681
Ion Ratio Lower Upper
117 100
119 93.7 77.8 116.8



#33
Benzene
Concen: 25.689 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

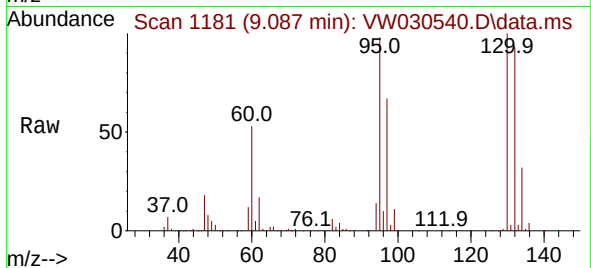
Tgt Ion: 78 Resp: 397899





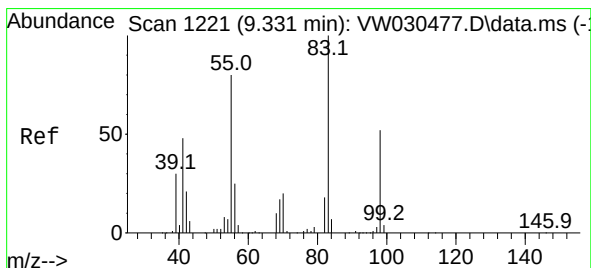
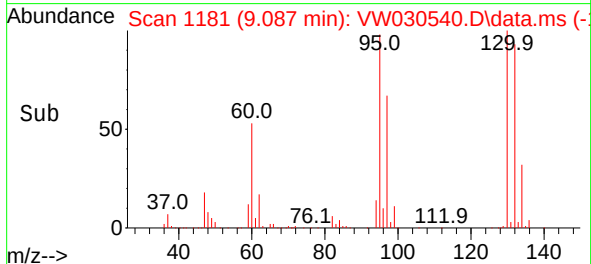
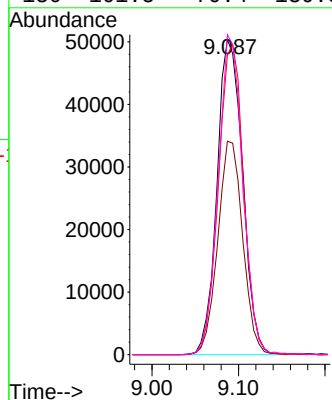
#34
 Trichloroethene
 Concen: 24.012 ug/L
 RT: 9.087 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: VW030540.D
 Acq: 11 Oct 2024 10:43

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 103471

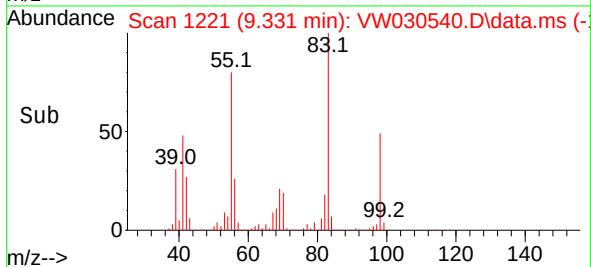
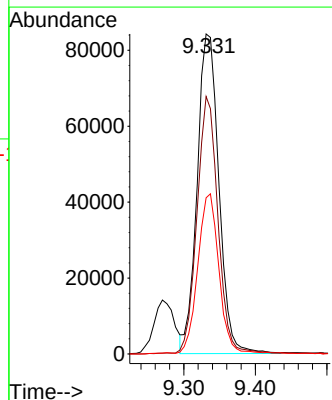
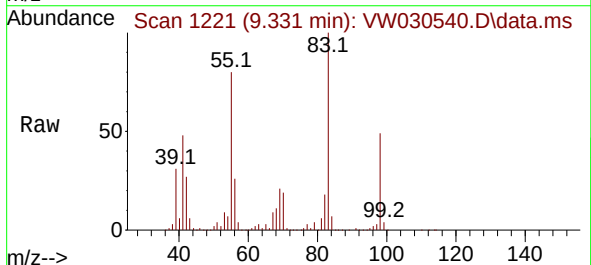
Ion	Ratio	Lower	Upper
95	100		
97	67.7	45.9	85.3
132	94.9	66.4	123.2
130	101.5	70.4	130.8

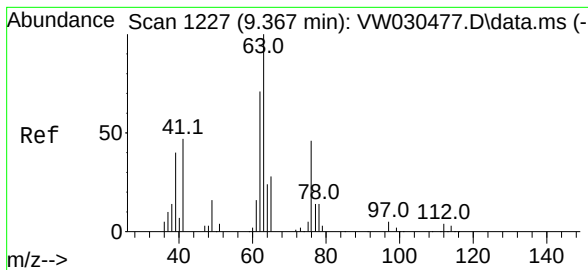


#35
 Methylcyclohexane
 Concen: 26.218 ug/L
 RT: 9.331 min Scan# 1221
 Delta R.T. -0.006 min
 Lab File: VW030540.D
 Acq: 11 Oct 2024 10:43

Tgt Ion: 83 Resp: 177801

Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.8	92.8
98	47.9	39.3	58.9





#37

1,2-Dichloropropane

Concen: 26.536 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

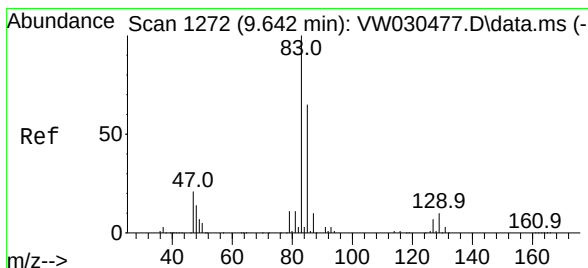
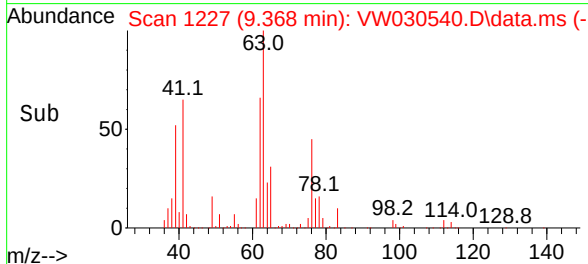
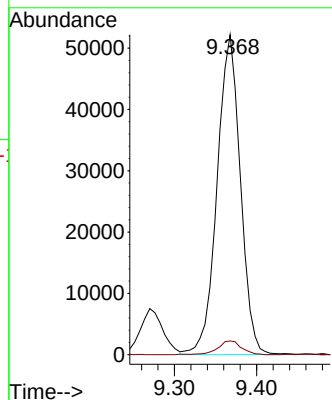
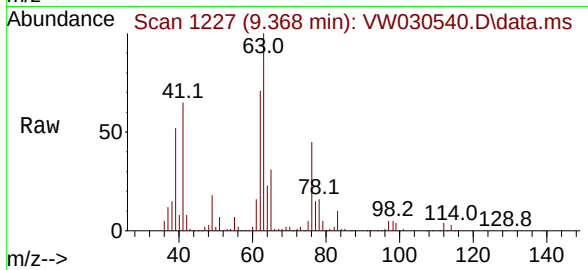
ClientSampleId :

Tgt Ion: 63 Resp: 102655

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 25.948 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

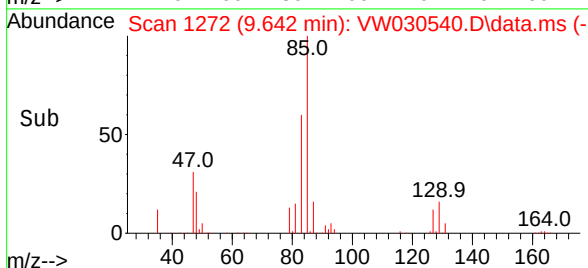
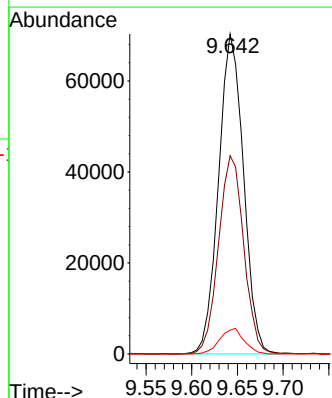
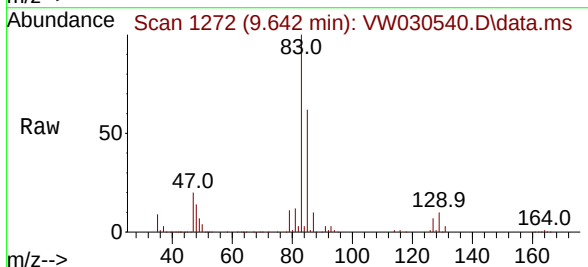
Tgt Ion: 83 Resp: 133552

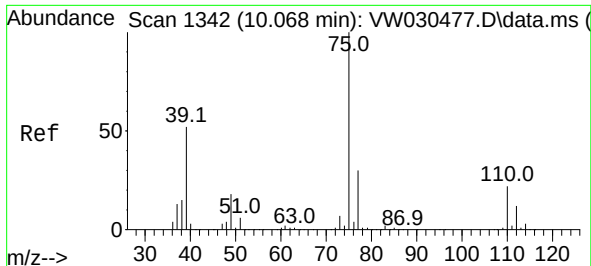
Ion Ratio Lower Upper

83 100

85 62.0 44.2 82.0

127 7.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 25.983 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

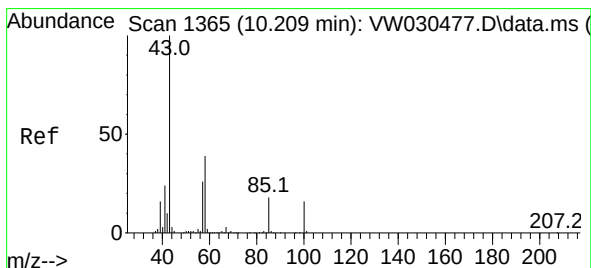
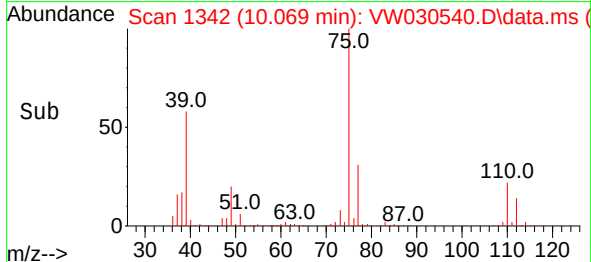
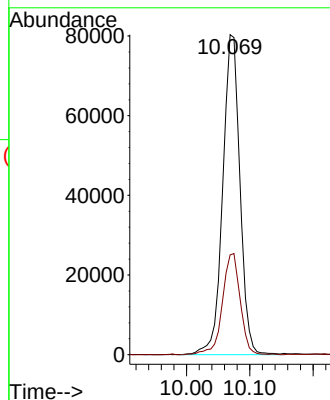
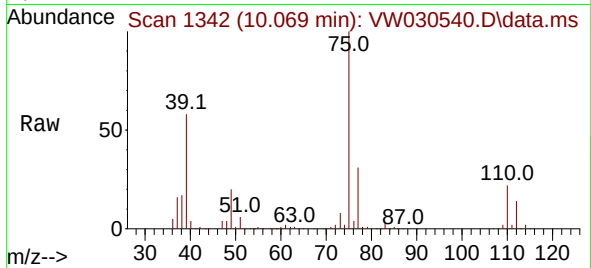
ClientSampleId :

Tgt Ion: 75 Resp: 151616

Ion Ratio Lower Upper

75 100

77 31.2 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 61.079 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

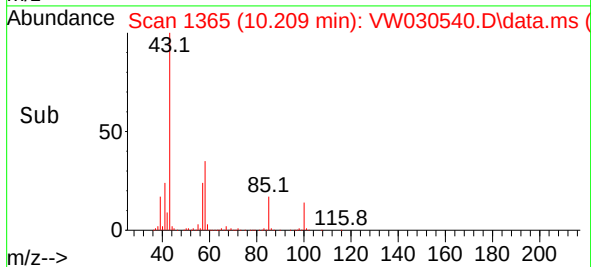
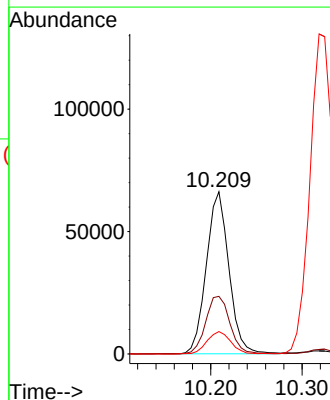
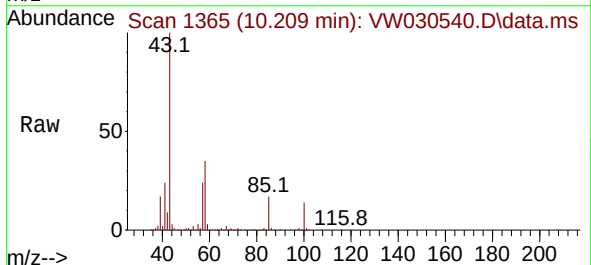
Tgt Ion: 43 Resp: 113514

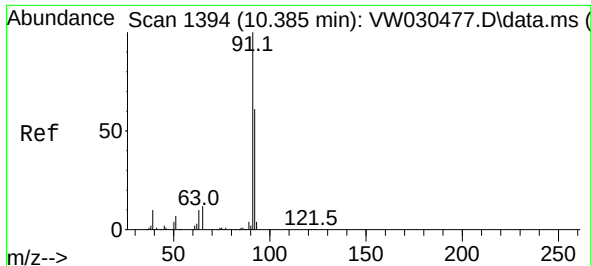
Ion Ratio Lower Upper

43 100

58 38.4 31.4 47.2

100 14.5 13.1 19.7





#42

Toluene

Concen: 26.255 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

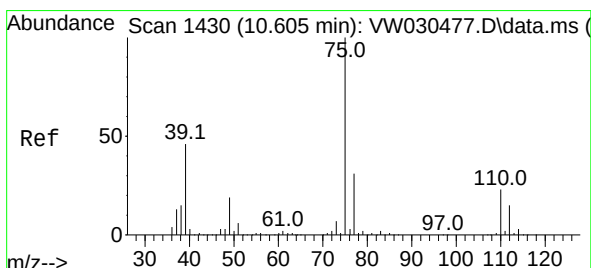
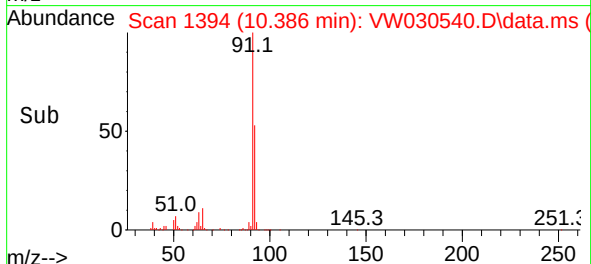
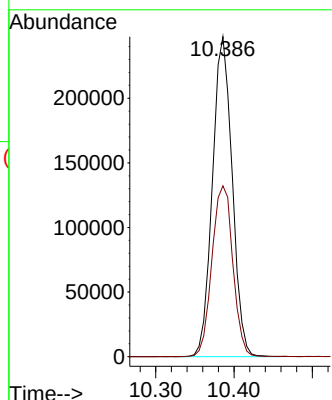
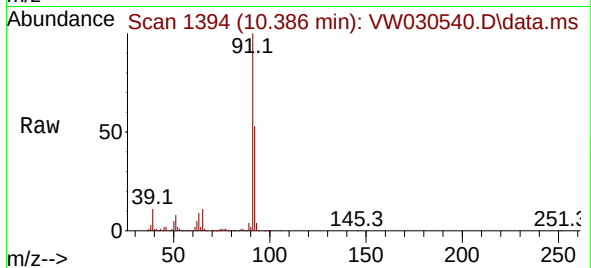
ClientSampleId :

Tgt Ion: 91 Resp: 433864

Ion Ratio Lower Upper

91 100

92 53.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 26.786 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030540.D

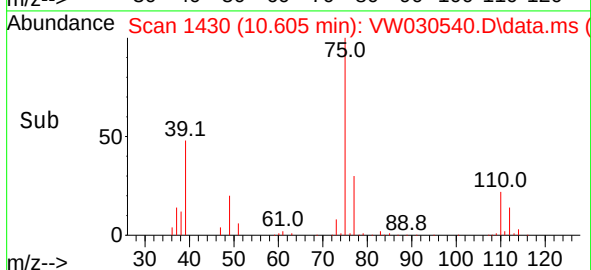
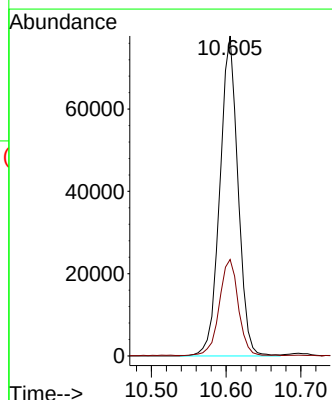
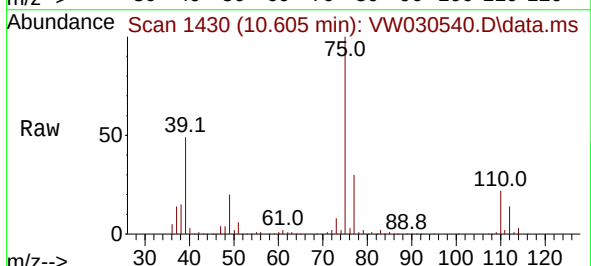
Acq: 11 Oct 2024 10:43

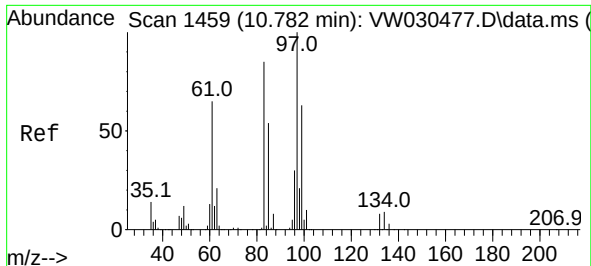
Tgt Ion: 75 Resp: 131344

Ion Ratio Lower Upper

75 100

77 30.2 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 26.435 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 73908

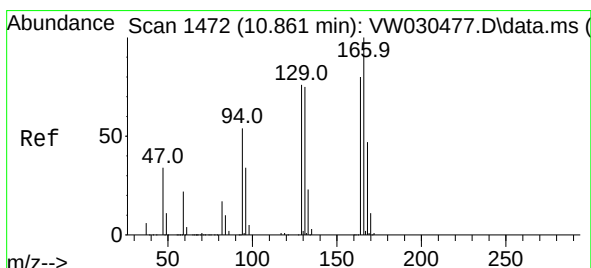
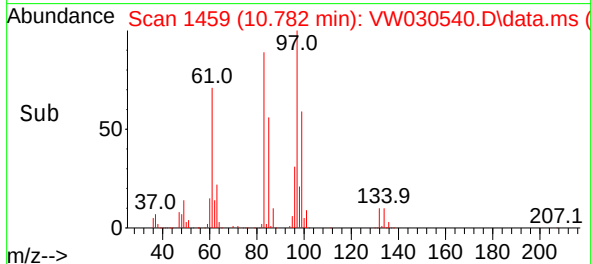
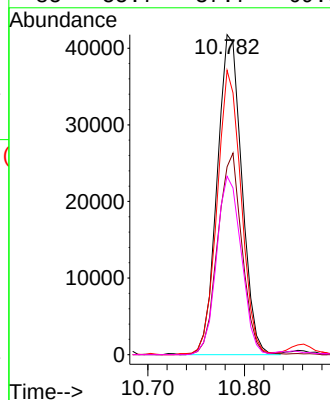
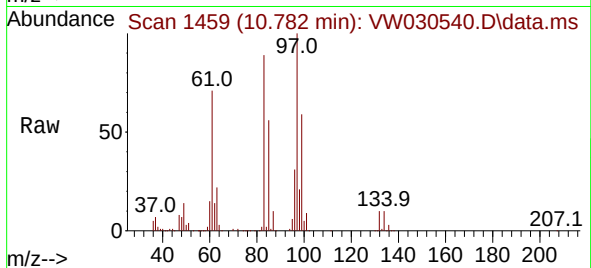
Ion Ratio Lower Upper

97 100

99 58.7 41.2 76.6

83 88.9 59.6 110.6

85 55.7 37.7 69.9



#46

Tetrachloroethene

Concen: 24.815 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Tgt Ion:164 Resp: 78868

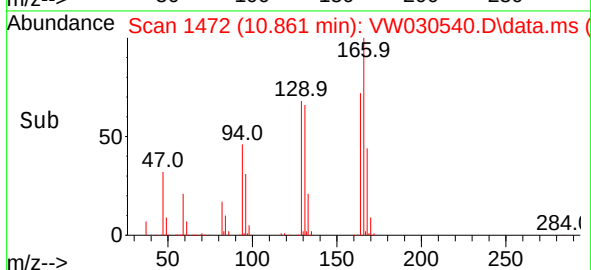
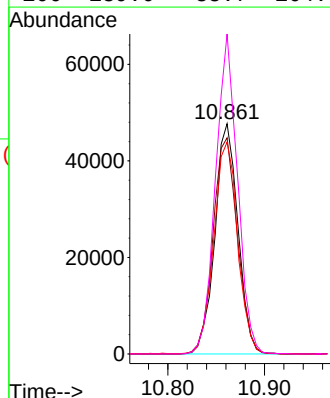
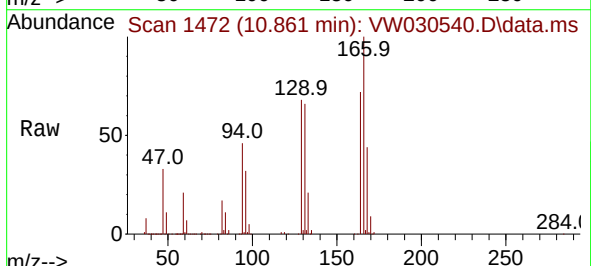
Ion Ratio Lower Upper

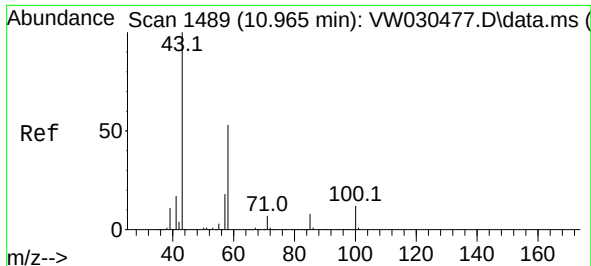
164 100

129 93.9 66.6 123.6

131 92.0 63.7 118.3

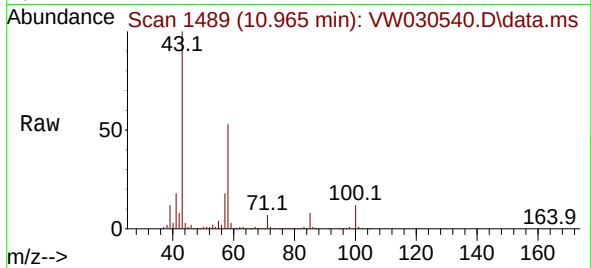
166 139.0 88.7 164.7



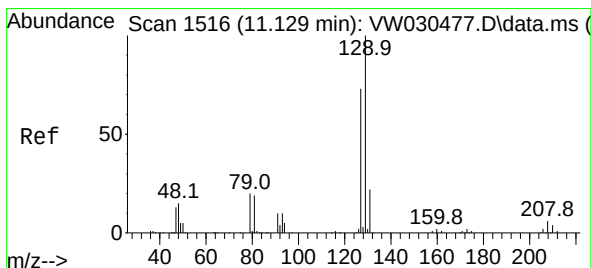
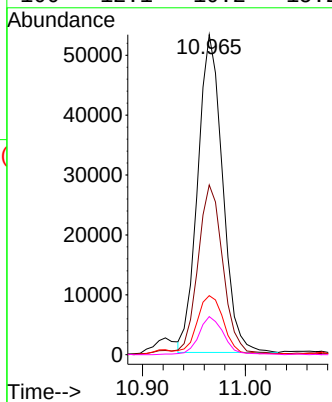
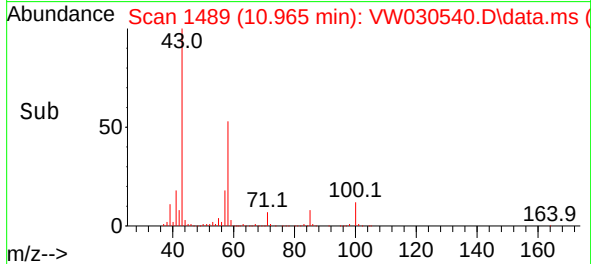


#48
2-Hexanone
Concen: 58.866 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

Instrument :
MSVOA_W
ClientSampleId :

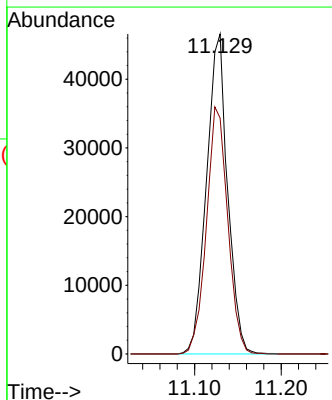
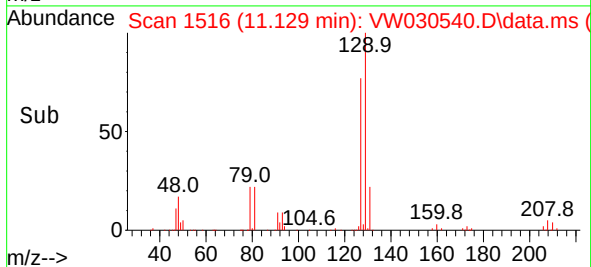
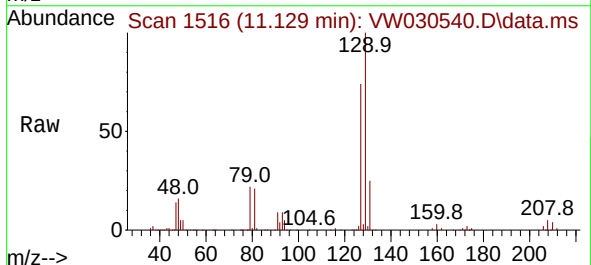


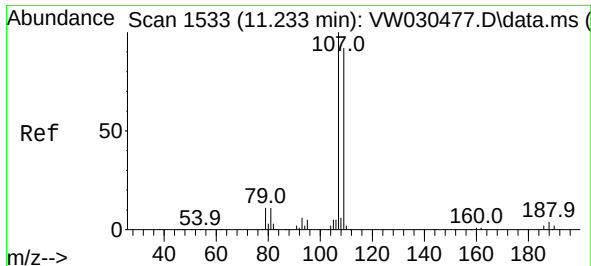
Tgt Ion:	43	Resp:	89465
Ion	Ratio	Lower	Upper
43	100		
58	54.1	44.6	67.0
57	19.7	15.8	23.8
100	12.1	10.2	15.2



#49
Dibromochloromethane
Concen: 25.308 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

Tgt Ion:	129	Resp:	78951
Ion	Ratio	Lower	Upper
129	100		
127	73.7	56.5	104.9





#50

1,2-Dibromoethane

Concen: 26.768 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030540.D

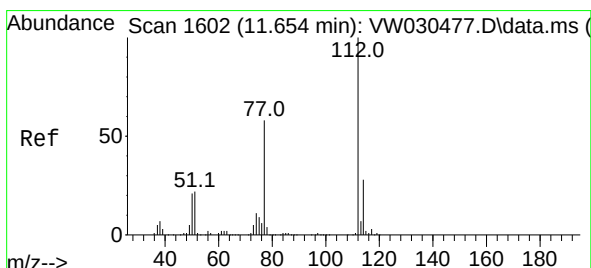
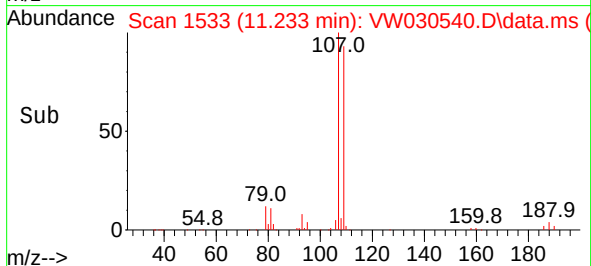
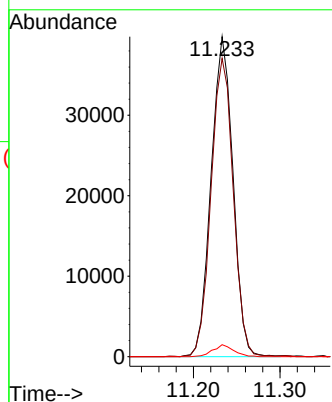
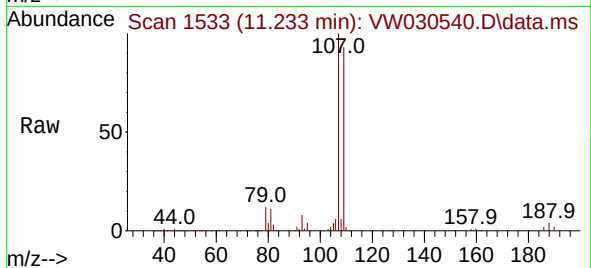
Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp: 69833
Ion Ratio	Lower Upper
107	100
109	93.2 63.8 118.6
188	3.8 2.6 3.8



#51

Chlorobenzene

Concen: 24.945 ug/L

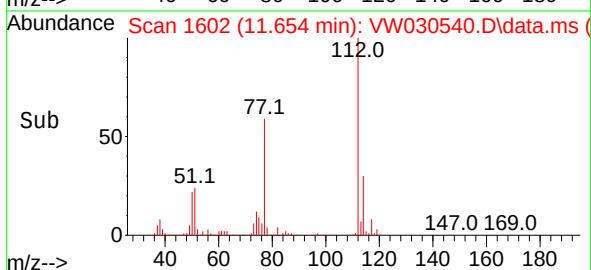
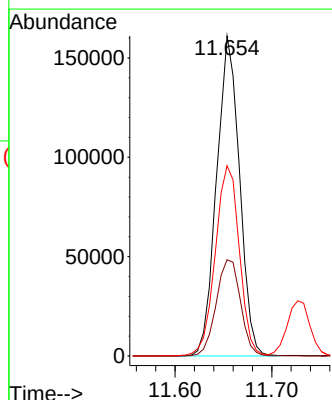
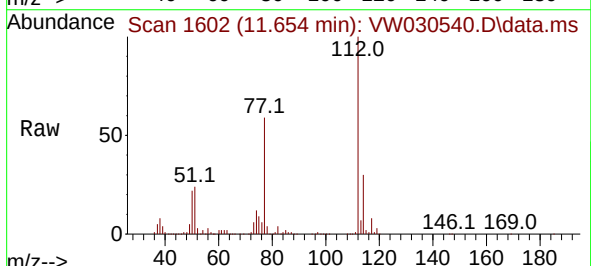
RT: 11.654 min Scan# 1602

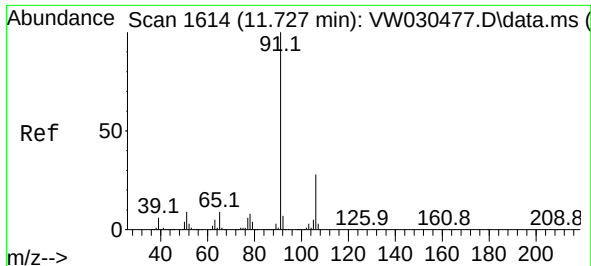
Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Tgt Ion:112	Resp: 265350
Ion Ratio	Lower Upper
112	100
114	30.0 22.4 41.6
77	59.5 47.1 70.7





#52

Ethylbenzene

Concen: 25.717 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

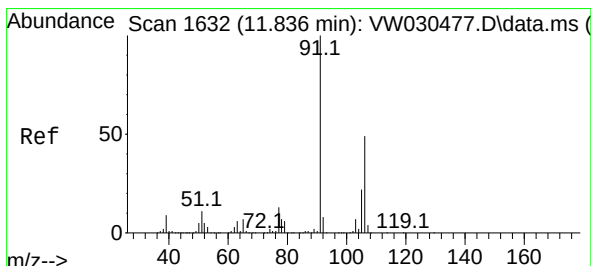
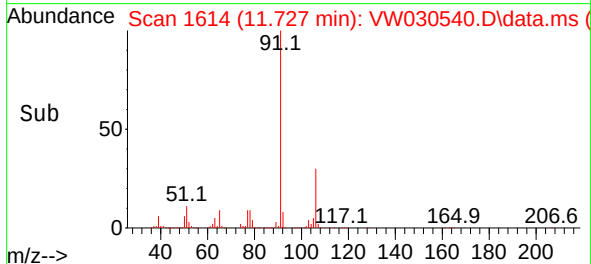
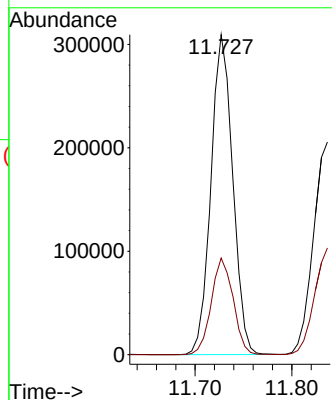
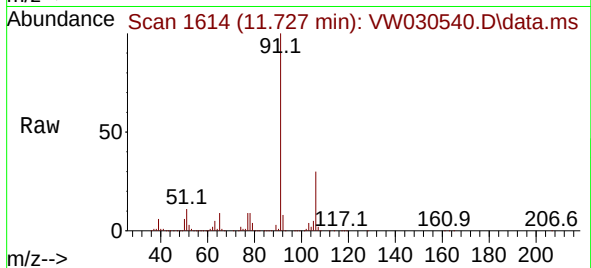
ClientSampleId :

Tgt Ion: 91 Resp: 484914

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.1



#53

m,p-Xylene

Concen: 25.845 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030540.D

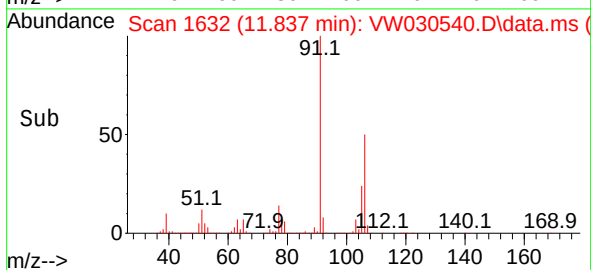
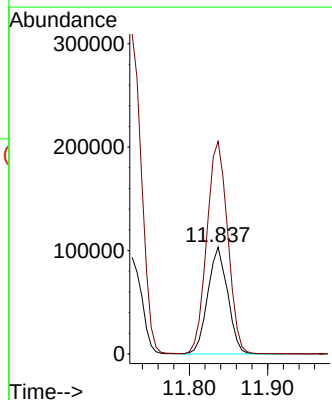
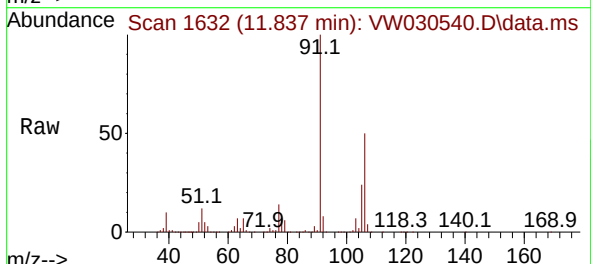
Acq: 11 Oct 2024 10:43

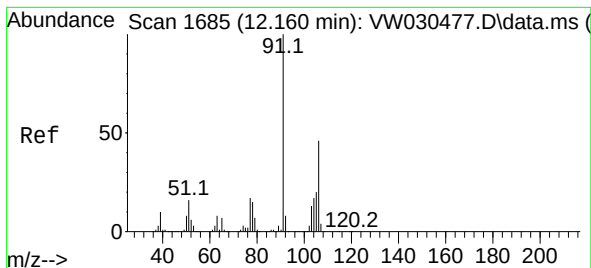
Tgt Ion:106 Resp: 182572

Ion Ratio Lower Upper

106 100

91 199.1 140.6 261.2





#54

o-Xylene

Concen: 26.054 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

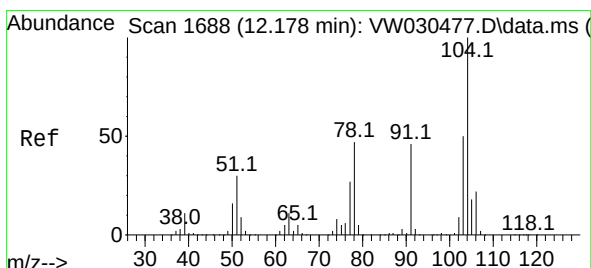
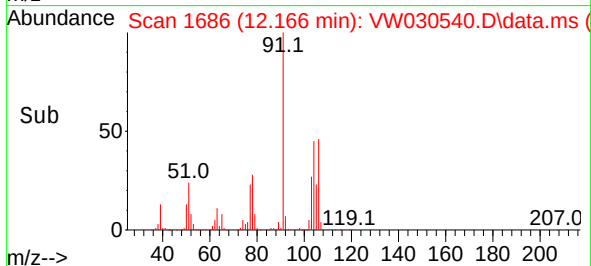
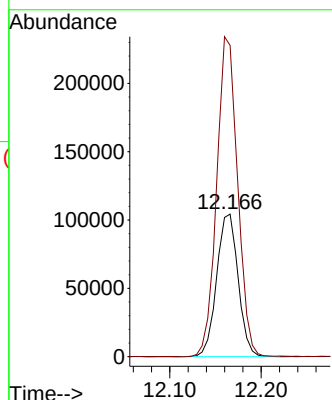
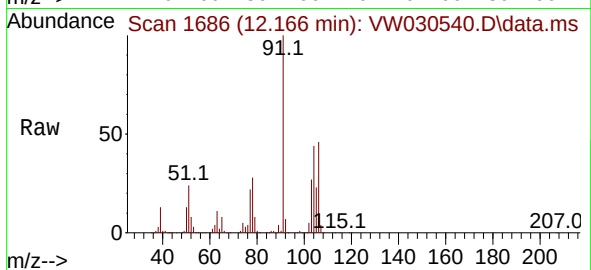
ClientSampleId :

Tgt Ion:106 Resp: 170156

Ion Ratio Lower Upper

106 100

91 218.2 144.5 268.4



#55

Styrene

Concen: 26.742 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030540.D

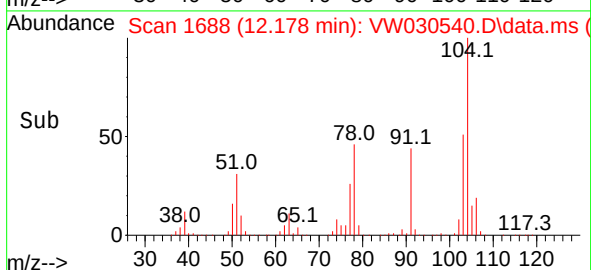
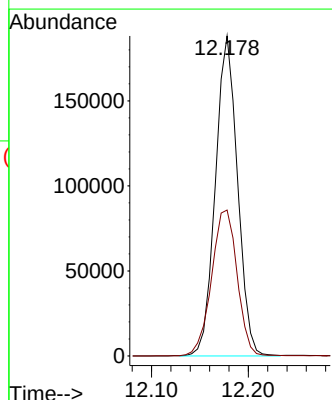
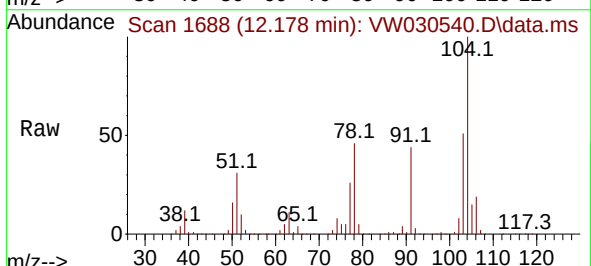
Acq: 11 Oct 2024 10:43

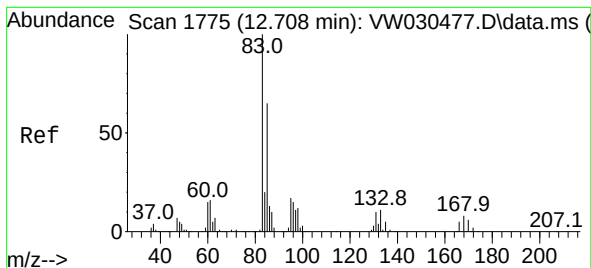
Tgt Ion:104 Resp: 298572

Ion Ratio Lower Upper

104 100

78 45.6 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.633 ug/L

RT: 12.715 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

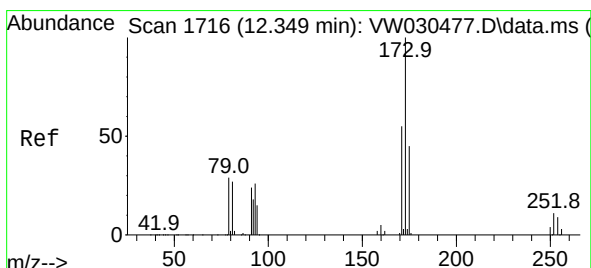
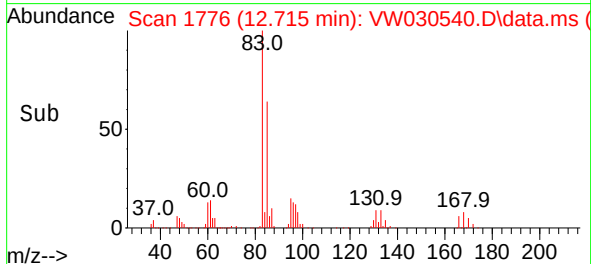
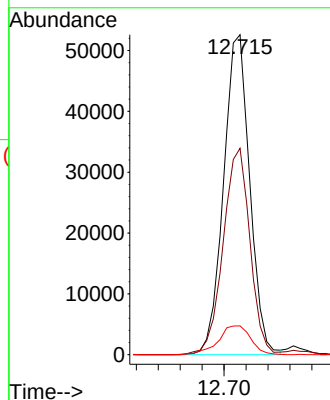
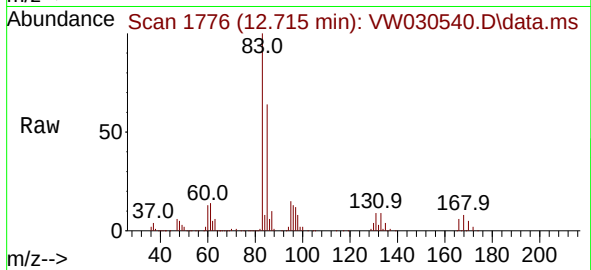
Tgt Ion: 83 Resp: 87123

Ion Ratio Lower Upper

83 100

85 64.5 42.6 79.2

131 9.0 7.4 11.0



#59

Bromoform

Concen: 25.433 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

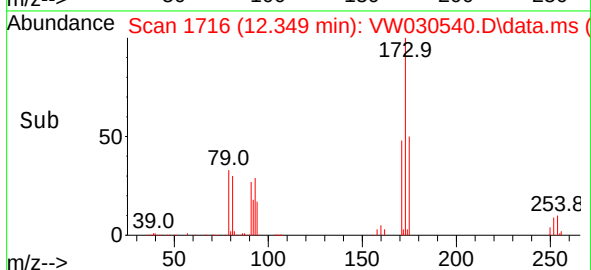
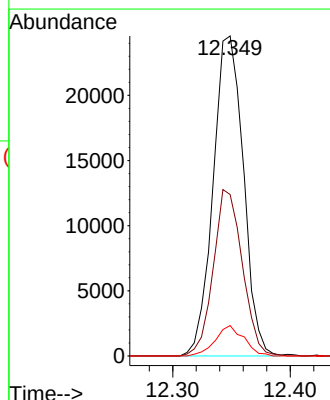
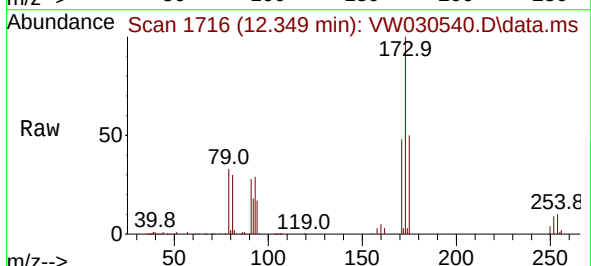
Tgt Ion:173 Resp: 43943

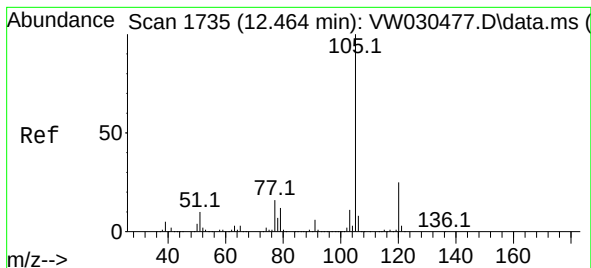
Ion Ratio Lower Upper

173 100

175 49.8 39.0 58.4

254 9.0 7.7 11.5





#60

Isopropylbenzene

Concen: 25.217 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

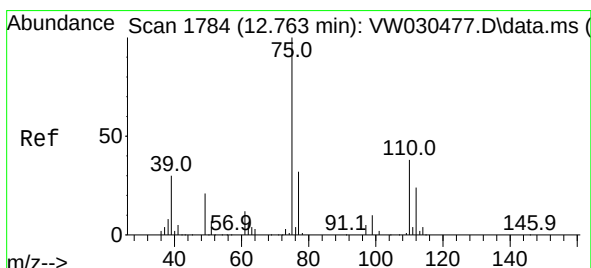
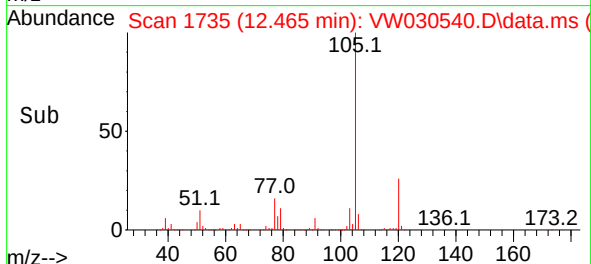
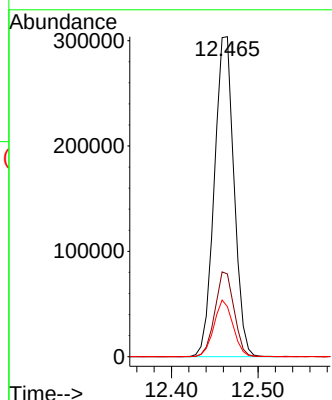
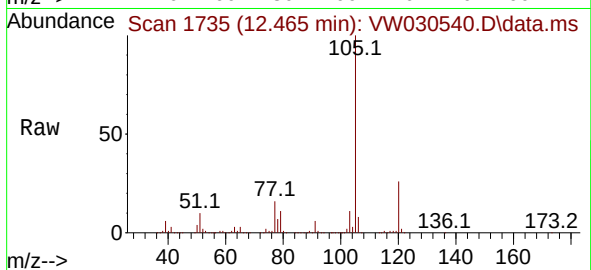
Tgt Ion:105 Resp: 480241

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 17.1 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 26.392 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

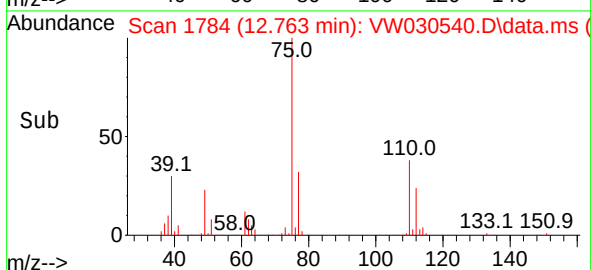
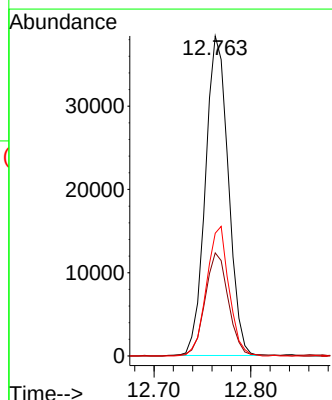
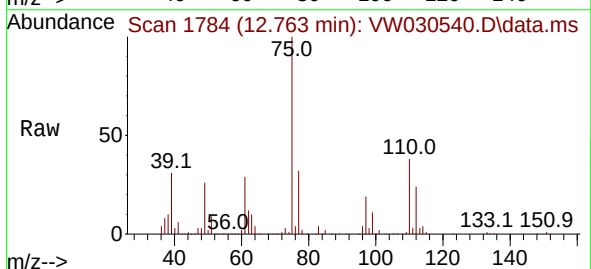
Tgt Ion: 75 Resp: 63157

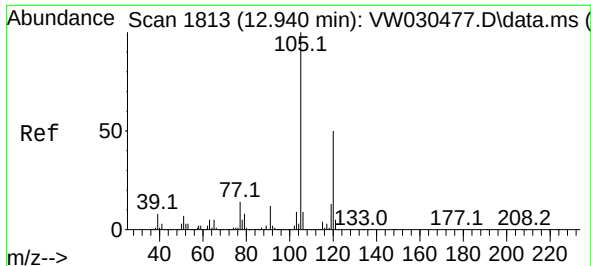
Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5

110 39.7 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 25.868 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

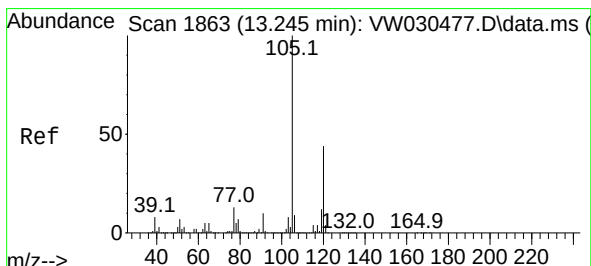
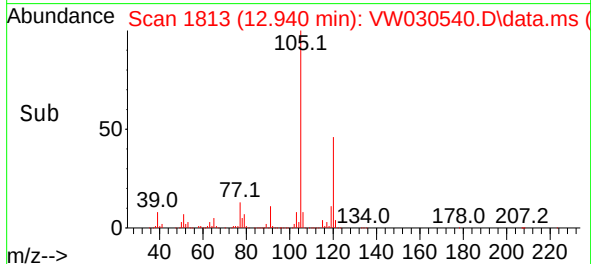
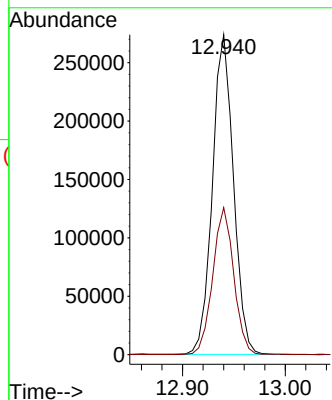
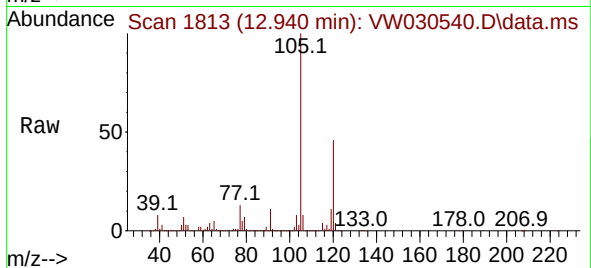
ClientSampleId :

Tgt Ion:105 Resp: 388670

Ion Ratio Lower Upper

105 100

120 46.0 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 25.813 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030540.D

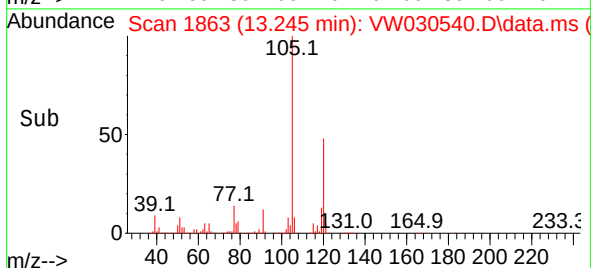
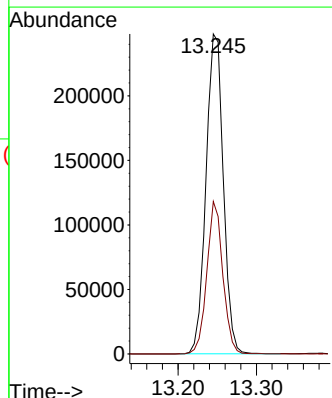
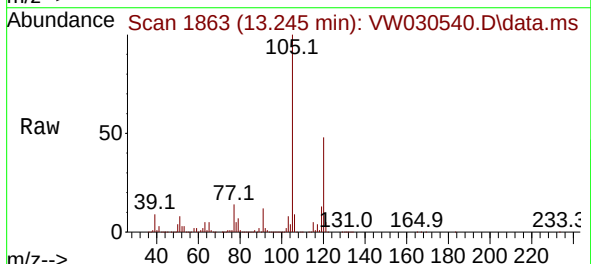
Acq: 11 Oct 2024 10:43

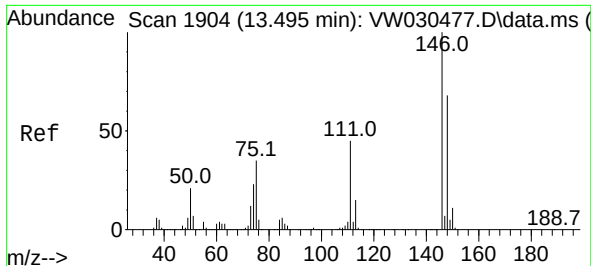
Tgt Ion:105 Resp: 379729

Ion Ratio Lower Upper

105 100

120 44.0 35.8 53.6

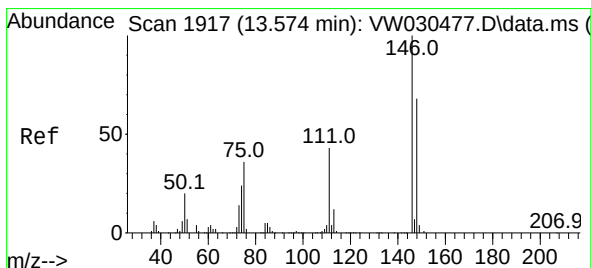
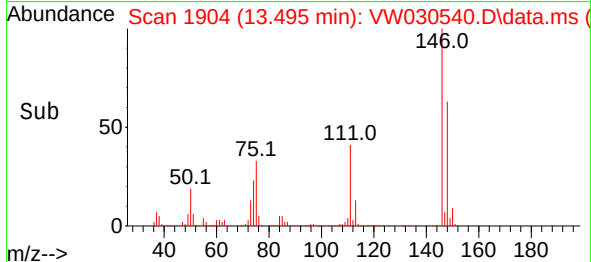
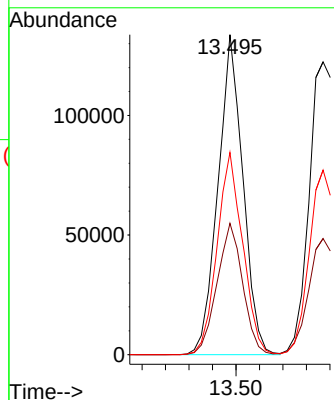
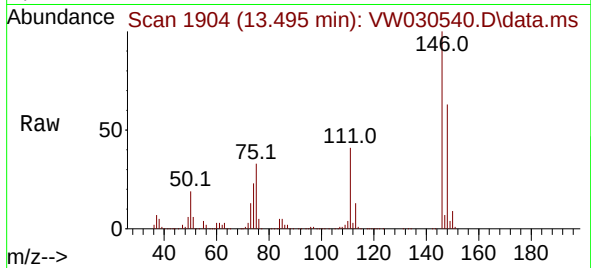




#64
1,3-Dichlorobenzene
Concen: 23.783 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

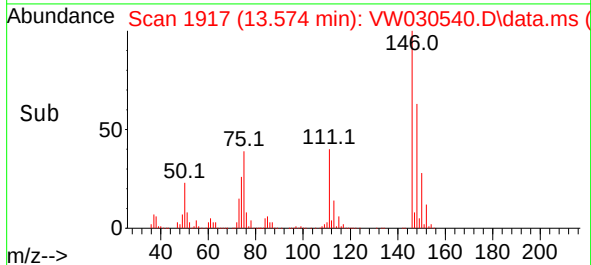
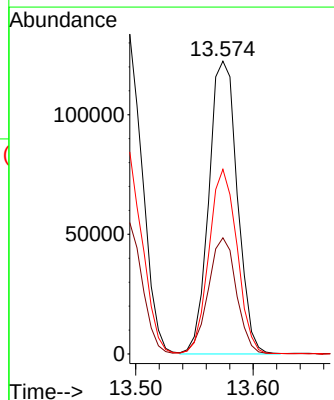
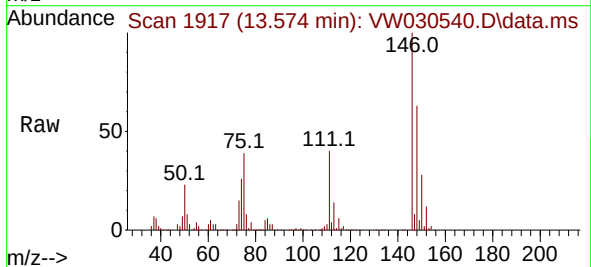
Instrument :
MSVOA_W
ClientSampleId :

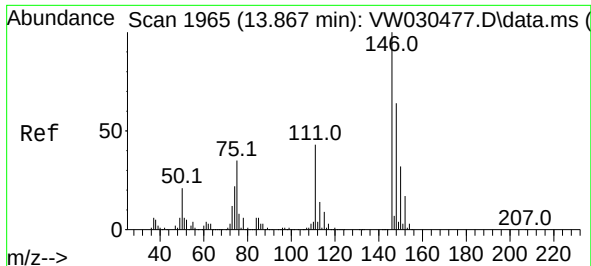
Tgt Ion:146 Resp: 197152
Ion Ratio Lower Upper
146 100
111 41.1 31.2 58.0
148 63.2 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 24.100 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

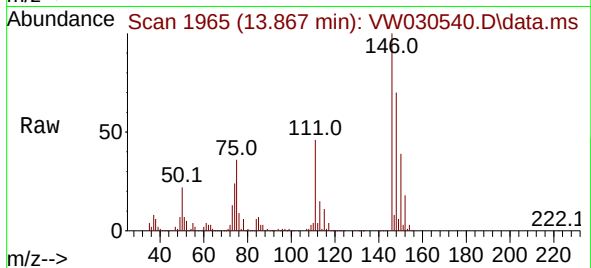
Tgt Ion:146 Resp: 206285
Ion Ratio Lower Upper
146 100
111 39.7 26.8 49.8
148 63.0 41.0 76.2



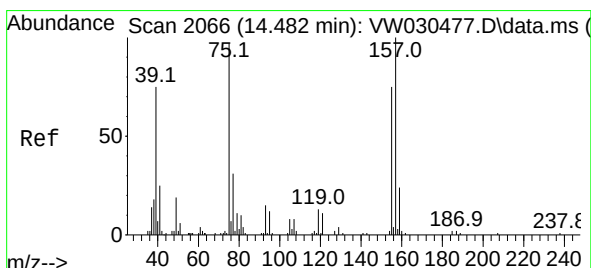
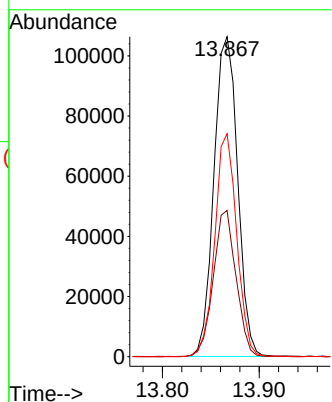
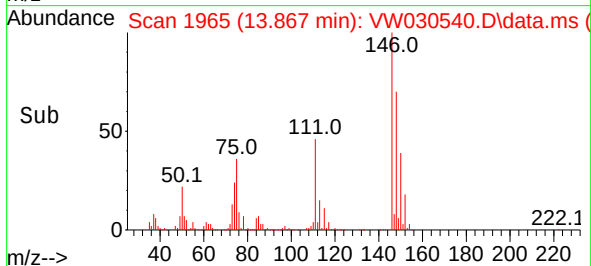


#67
1,2-Dichlorobenzene
Concen: 24.800 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

Instrument :
MSVOA_W
ClientSampleId :

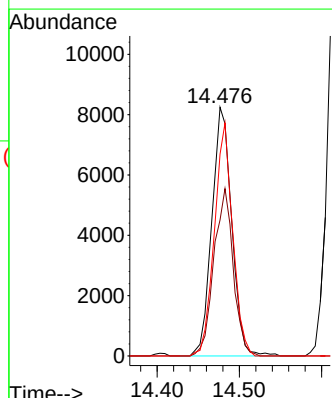
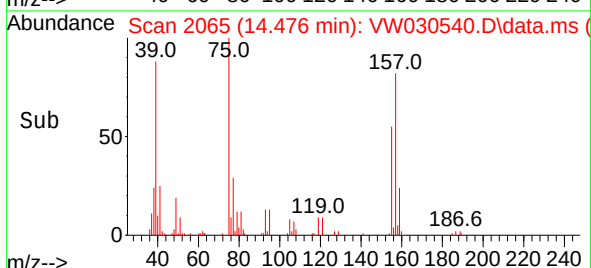
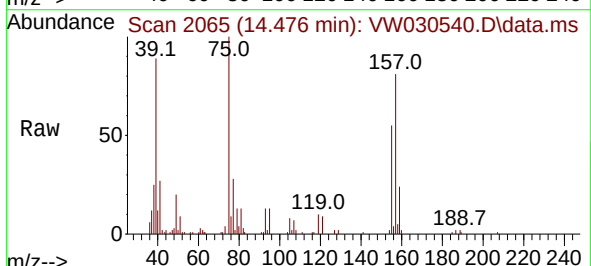


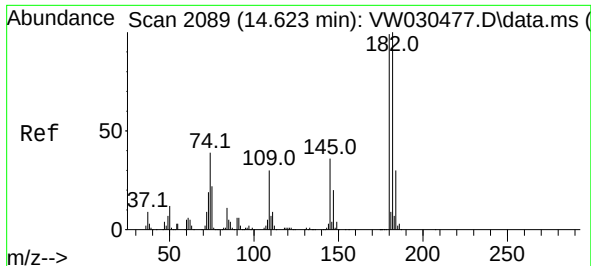
Tgt Ion:146 Resp: 180905
Ion Ratio Lower Upper
146 100
111 45.7 34.6 52.0
148 69.7 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 25.979 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030540.D
Acq: 11 Oct 2024 10:43

Tgt Ion: 75 Resp: 13862
Ion Ratio Lower Upper
75 100
155 54.7 57.9 86.9#
157 81.1 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 24.180 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 132177

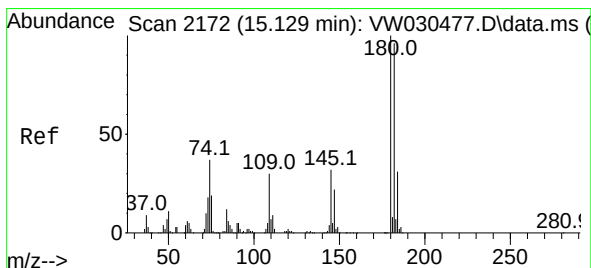
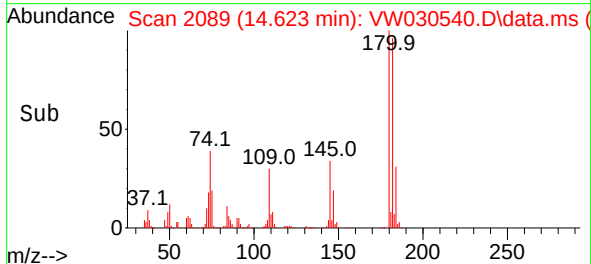
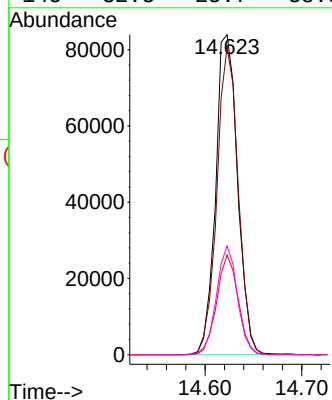
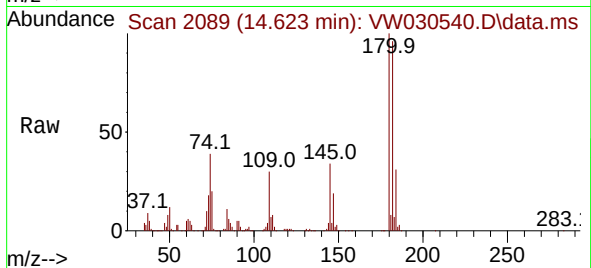
Ion Ratio Lower Upper

180 100

182 93.3 79.9 119.9

184 30.4 25.2 37.8

145 32.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.174 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

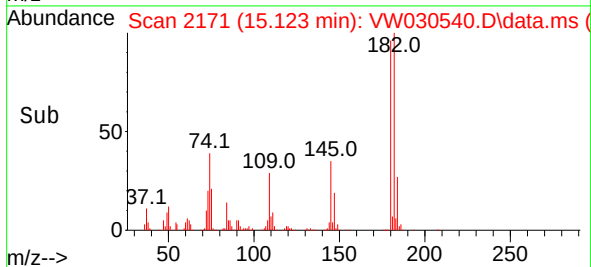
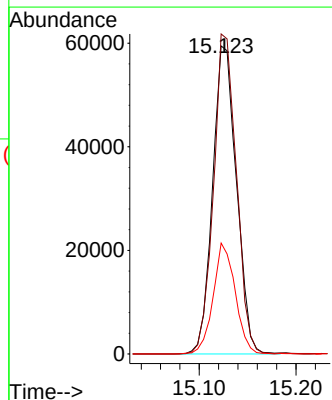
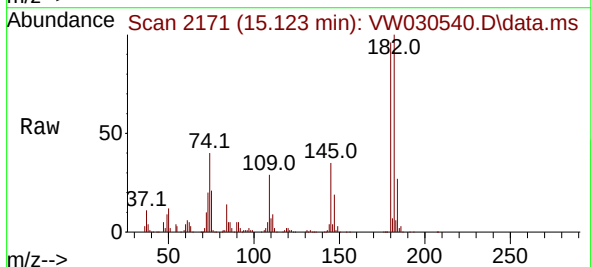
Tgt Ion:180 Resp: 101983

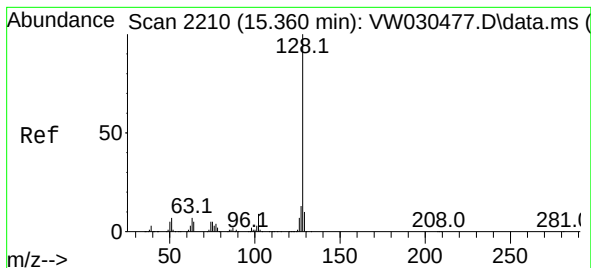
Ion Ratio Lower Upper

180 100

182 99.6 75.2 112.8

145 33.3 25.4 38.2





#71

Naphthalene

Concen: 26.179 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Instrument :

MSVOA_W

ClientSampleId :

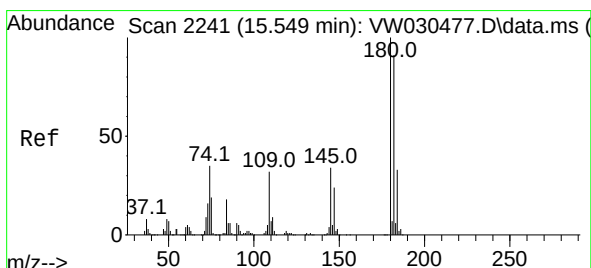
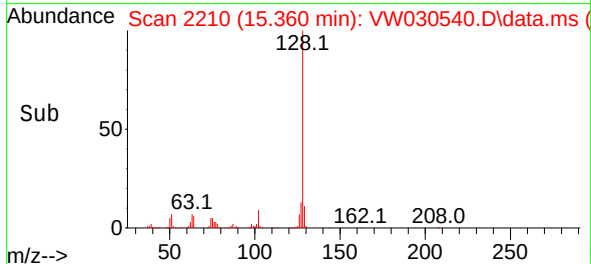
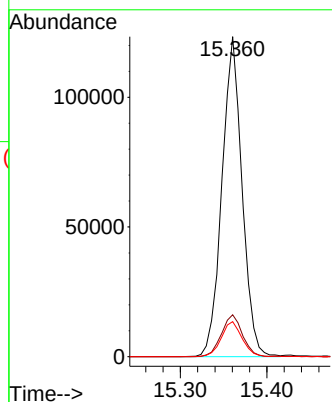
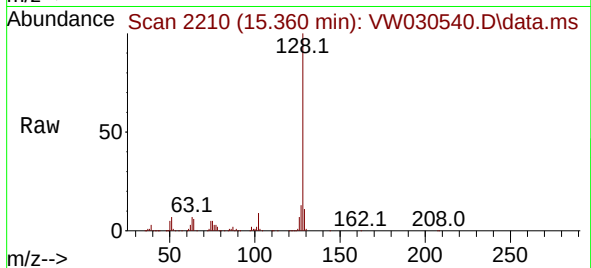
Tgt Ion:128 Resp: 199041

Ion Ratio Lower Upper

128 100

127 13.7 10.9 16.3

129 11.3 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.006 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030540.D

Acq: 11 Oct 2024 10:43

Tgt Ion:180 Resp: 95401

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 34.0 27.4 41.2

