

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031461.D
 Acq On : 21 Dec 2024 15:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:05:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	495611	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	416285	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	212688	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	196808	26.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.560%	
7) Chloroethane-d5	2.893	69	158708	28.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.080%	
11) 1,1-Dichloroethene-d2	4.015	65	85650	24.214	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.840%	
21) 2-Butanone-d5	7.100	46	67027	47.728	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.460%	
24) Chloroform-d	7.648	84	367621	27.072	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.280%	
26) 1,2-Dichloroethane-d4	8.301	65	179208	26.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.120%	
32) Benzene-d6	8.270	84	711952	26.683	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.720%	
36) 1,2-Dichloropropane-d6	9.270	67	210172	27.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.120%	
41) Toluene-d8	10.319	98	661775	26.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.640%	
43) trans-1,3-Dichloroprop...	10.575	79	81891	22.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.360%	
47) 2-Hexanone-d5	10.922	63	48966	46.823	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.640%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	136932	28.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 112.200%	
66) 1,2-Dichlorobenzene-d4	13.848	152	206179	26.112	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.440%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	116481	26.005	ug/L	96
3) Chloromethane	2.216	50	128319	25.501	ug/L	97
5) Vinyl chloride	2.369	62	198851	28.515	ug/L	96
6) Bromomethane	2.789	94	124413	29.019	ug/L	99
8) Chloroethane	2.936	64	126741	30.561	ug/L	97
9) Trichlorofluoromethane	3.265	101	196789	26.489	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	162409	27.073	ug/L	95
13) Acetone	4.179	43	83121	42.500	ug/L #	100
14) Carbon disulfide	4.381	76	418250	21.108	ug/L	98
15) Methyl Acetate	4.685	43	46592	20.975	ug/L #	89
16) Methylene chloride	4.917	84	159554	25.586	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	166734	25.459	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	250544	22.883	ug/L	99
19) 1,1-Dichloroethane	6.216	63	325381	26.587	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	186212	26.279	ug/L	97
22) 2-Butanone	7.191	43	89886	37.931	ug/L	96
23) Bromochloromethane	7.508	128	72865	25.784	ug/L	96
25) Chloroform	7.673	83	329000	27.238	ug/L	97
27) 1,2-Dichloroethane	8.398	62	193471	25.478	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031461.D
 Acq On : 21 Dec 2024 15:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:05:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

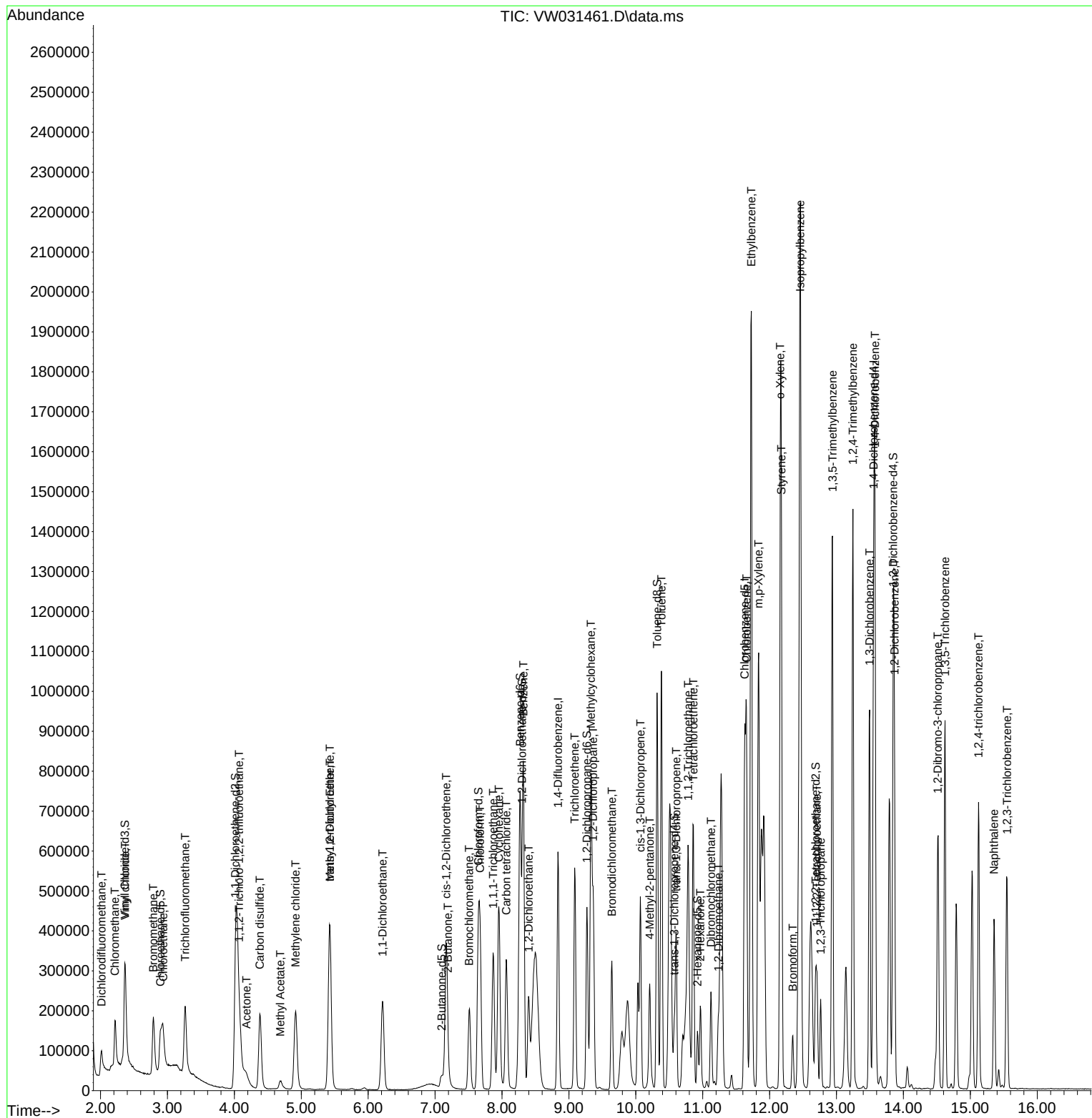
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	272887	24.172	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	278578	25.891	ug/L	99
31) Carbon tetrachloride	8.063	117	243071	25.357	ug/L	99
33) Benzene	8.319	78	709460	27.578	ug/L	100
34) Trichloroethene	9.087	95	195283	26.888	ug/L	90
35) Methylcyclohexane	9.331	83	331304	26.194	ug/L	97
37) 1,2-Dichloropropane	9.361	63	172915	26.944	ug/L	99
38) Bromodichloromethane	9.642	83	219717	26.335	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	274636	25.325	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	150836	44.301	ug/L	98
42) Toluene	10.386	91	780498	27.866	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	215586	24.346	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	118594	27.782	ug/L	94
46) Tetrachloroethene	10.861	164	145503	27.350	ug/L	89
48) 2-Hexanone	10.965	43	131799	45.514	ug/L	95
49) Dibromochloromethane	11.123	129	124411	24.587	ug/L	98
50) 1,2-Dibromoethane	11.233	107	109660	27.118	ug/L	96
51) Chlorobenzene	11.654	112	480942	27.387	ug/L	94
52) Ethylbenzene	11.727	91	919187	28.317	ug/L	99
53) m,p-Xylene	11.837	106	352770	28.547	ug/L	99
54) o-Xylene	12.160	106	335482	28.806	ug/L	91
55) Styrene	12.178	104	552340	28.512	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	122373	26.593	ug/L	97
59) Bromoform	12.349	173	61828	20.693	ug/L	99
60) Isopropylbenzene	12.458	105	947867	27.233	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	89420	24.570	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	756878	25.649	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	763762	26.779	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	378219	26.821	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	372634	26.670	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	322753	26.563	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.513	75	58112	62.920	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.623	180	263387	26.669	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	216182	26.314	ug/L	98
71) Naphthalene	15.354	128	361835	25.121	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	170131	25.702	ug/L	93

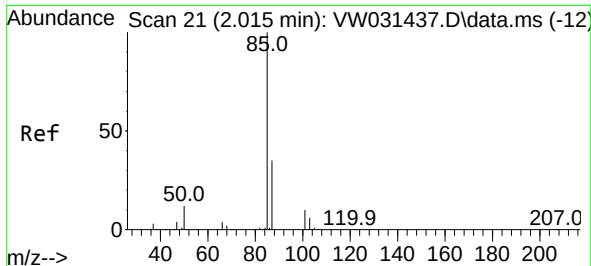
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031461.D
 Acq On : 21 Dec 2024 15:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:05:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

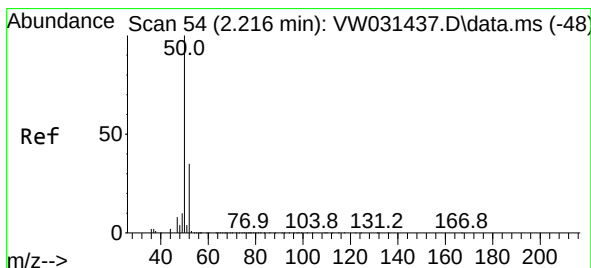
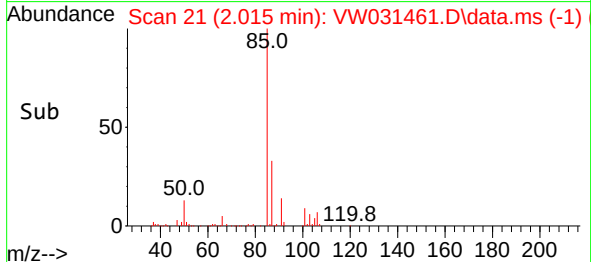
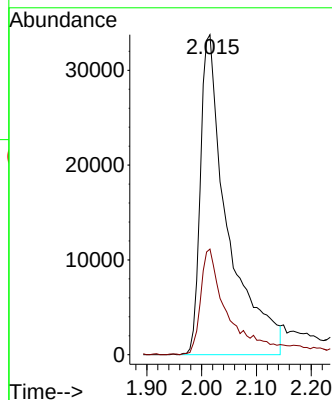
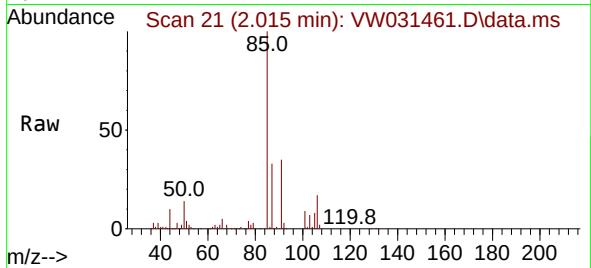




#2
 Dichlorodifluoromethane
 Concen: 26.005 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031461.D
 Acq: 21 Dec 2024 15:08

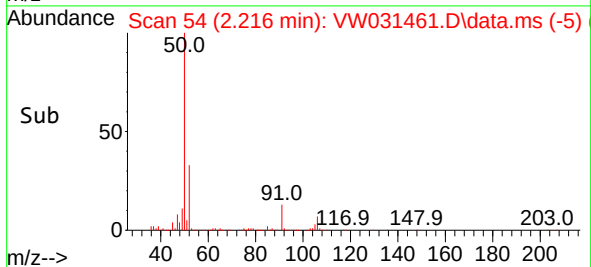
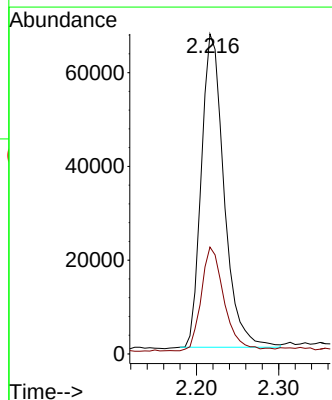
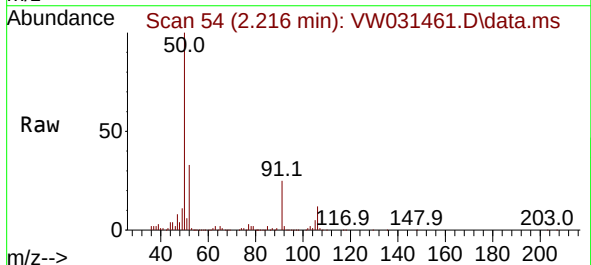
Instrument :
 MSVOA_W
 ClientSampleId :

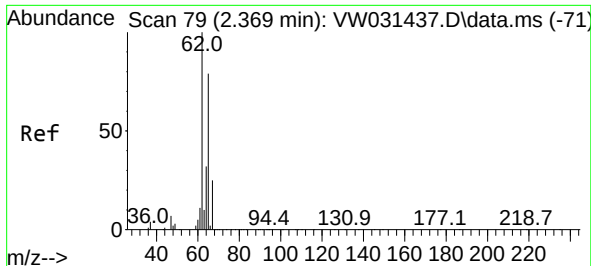
Tgt Ion: 85 Resp: 116481
 Ion Ratio Lower Upper
 85 100
 87 28.7 24.9 37.3



#3
 Chloromethane
 Concen: 25.501 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VW031461.D
 Acq: 21 Dec 2024 15:08

Tgt Ion: 50 Resp: 128319
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.0 41.0

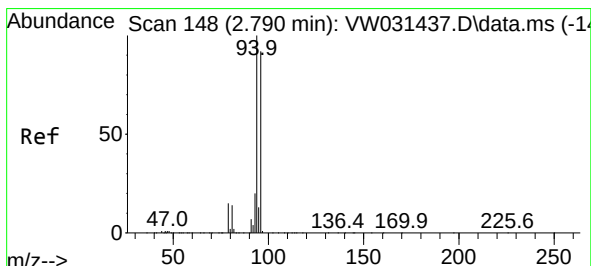
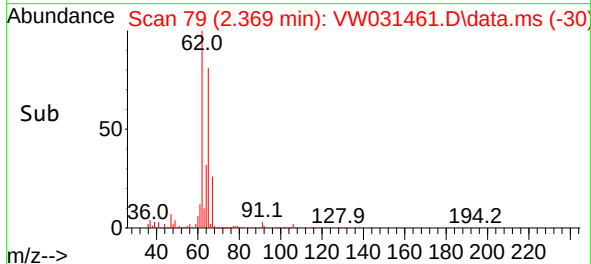
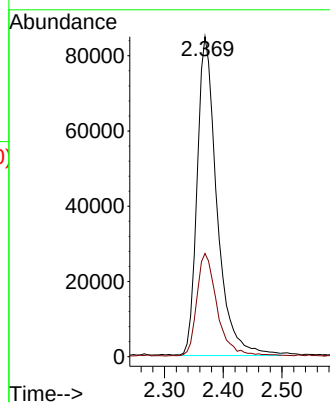
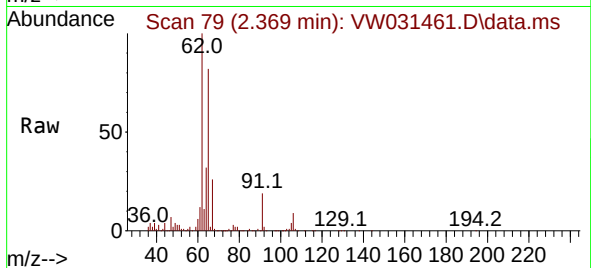




#5
 Vinyl chloride
 Concen: 28.515 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031461.D
 Acq: 21 Dec 2024 15:08

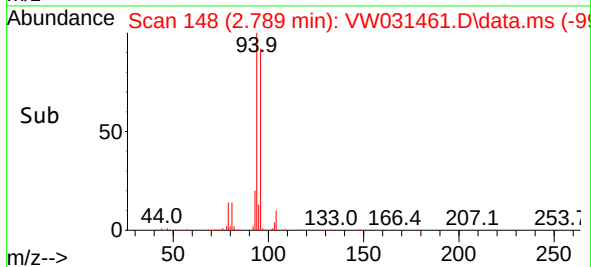
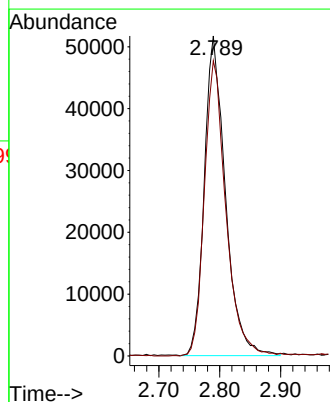
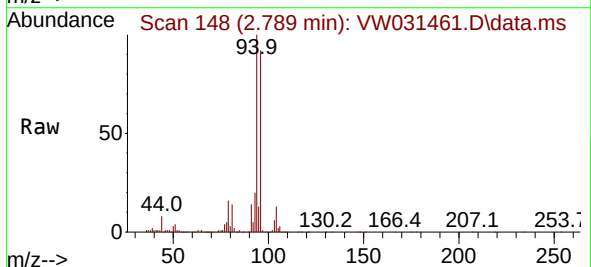
Instrument :
 MSVOA_W
 ClientSampleId :

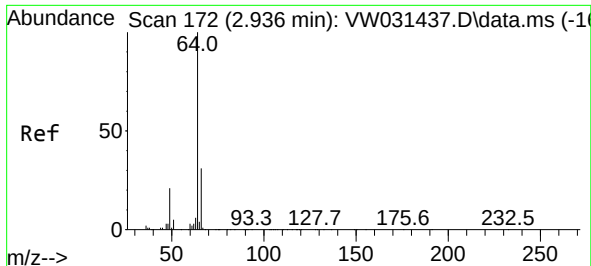
Tgt Ion: 62 Resp: 198851
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.1 44.8



#6
 Bromomethane
 Concen: 29.019 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031461.D
 Acq: 21 Dec 2024 15:08

Tgt Ion: 94 Resp: 124413
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.6 121.8

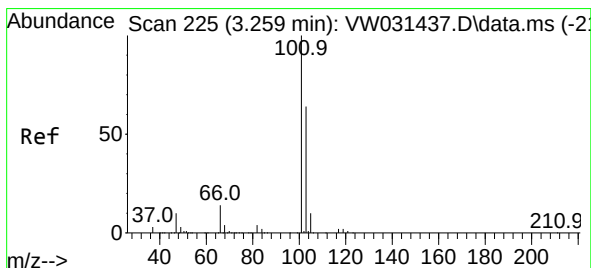
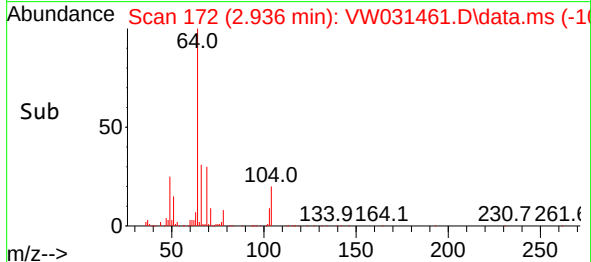
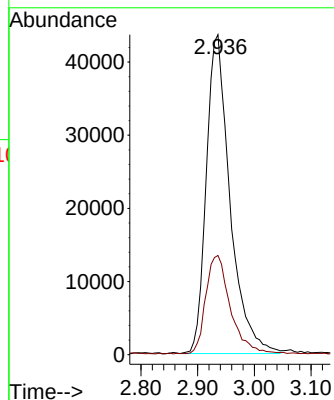
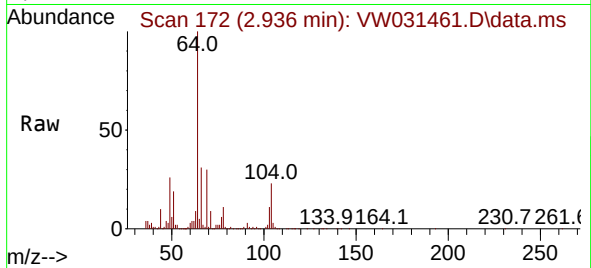




#8
Chloroethane
Concen: 30.561 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

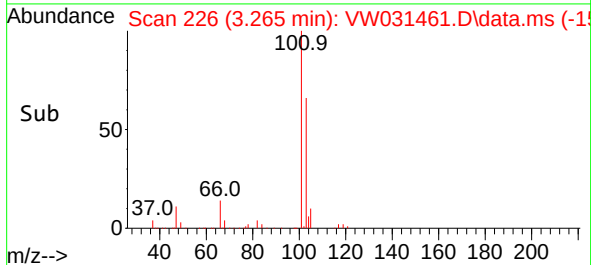
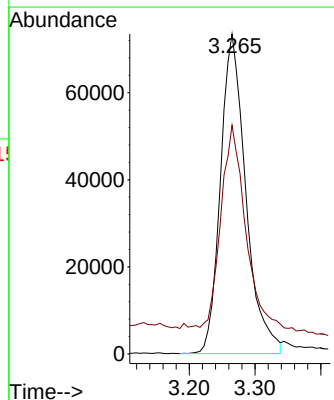
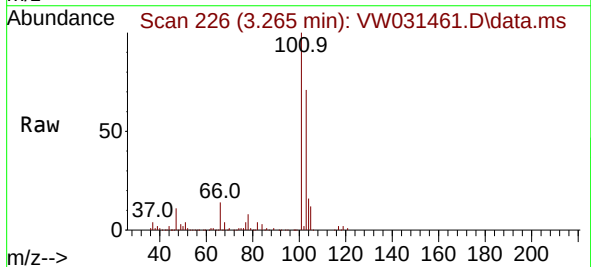
Instrument :
MSVOA_W
ClientSampleId :

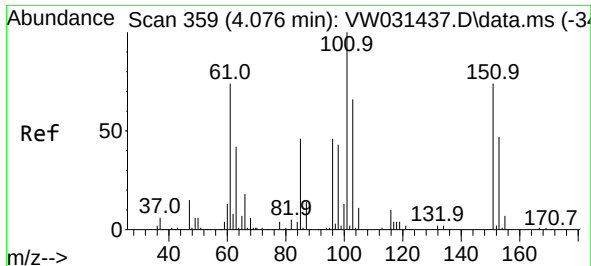
Tgt Ion: 64 Resp: 126741
Ion Ratio Lower Upper
64 100
66 31.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 26.489 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Tgt Ion:101 Resp: 196789
Ion Ratio Lower Upper
101 100
103 61.0 51.6 77.4





#10

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

Concen: 27.073 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

ClientSampleId :

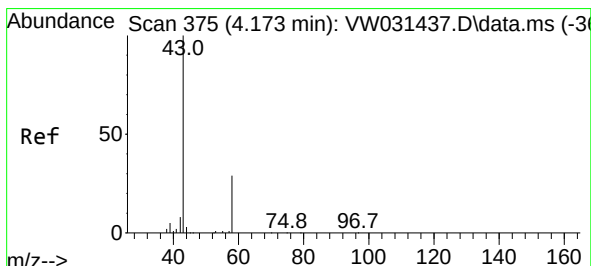
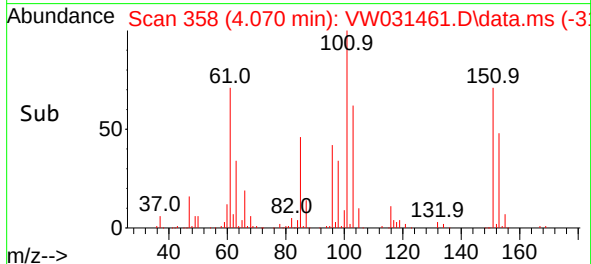
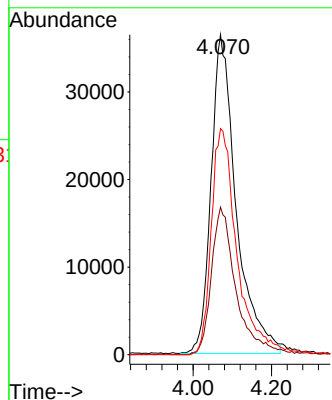
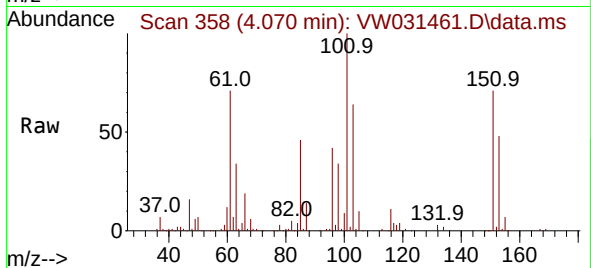
Tgt Ion:101 Resp: 162409

Ion Ratio Lower Upper

101 100

85 45.3 33.0 49.4

151 72.1 54.8 82.2



#13

Acetone

Concen: 42.500 ug/L

RT: 4.179 min Scan# 376

Delta R.T. 0.006 min

Lab File: VW031461.D

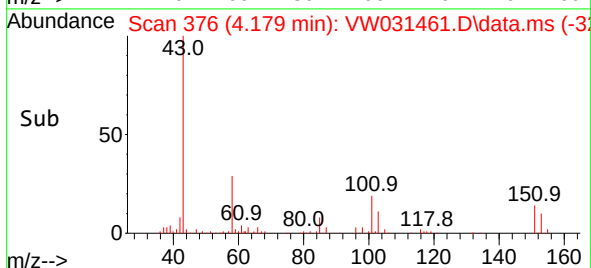
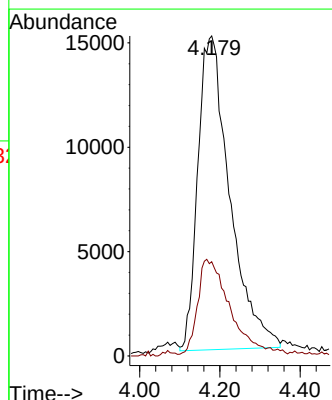
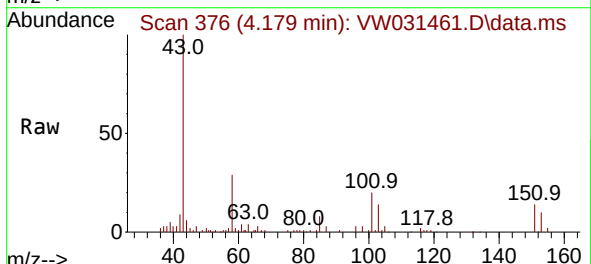
Acq: 21 Dec 2024 15:08

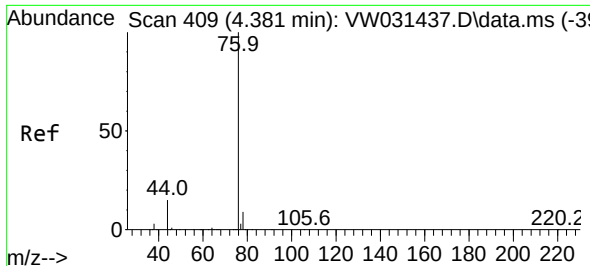
Tgt Ion: 43 Resp: 83121

Ion Ratio Lower Upper

43 100

58 30.2 0.0 0.0#

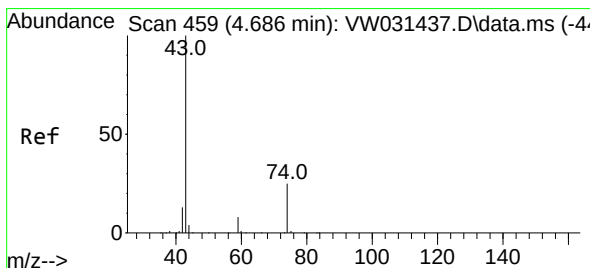
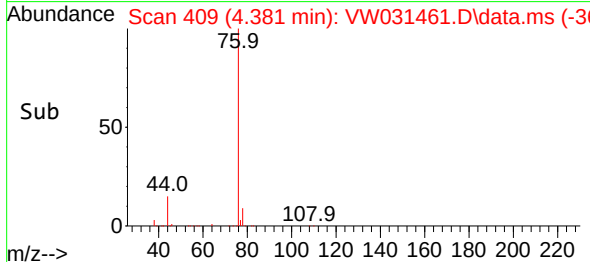
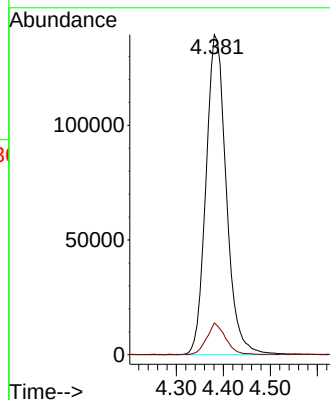
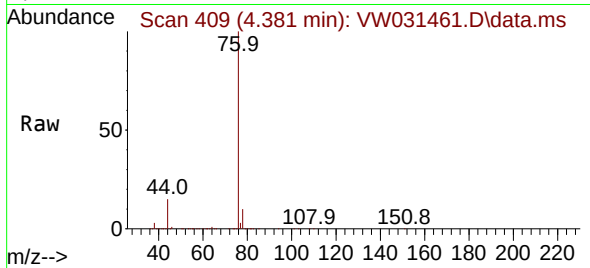




#14
Carbon disulfide
Concen: 21.108 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

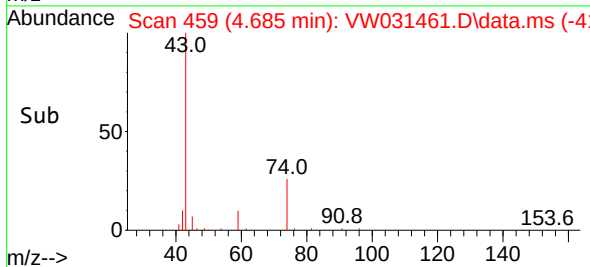
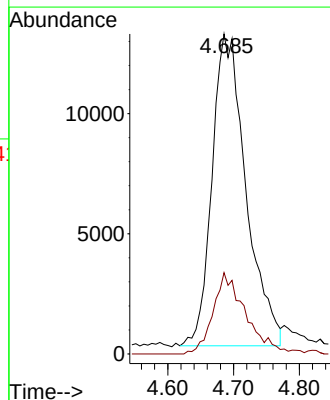
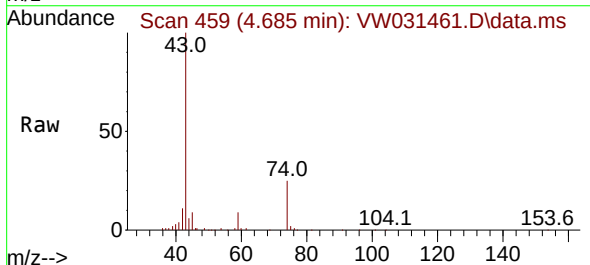
Instrument :
MSVOA_W
ClientSampleId :

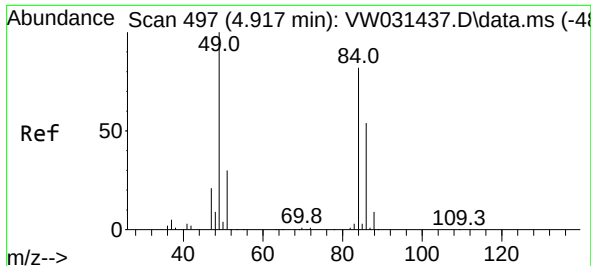
Tgt Ion: 76 Resp: 418250
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#15
Methyl Acetate
Concen: 20.975 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

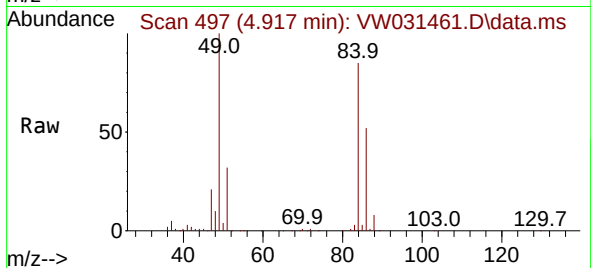
Tgt Ion: 43 Resp: 46592
Ion Ratio Lower Upper
43 100
74 18.0 18.9 28.3#



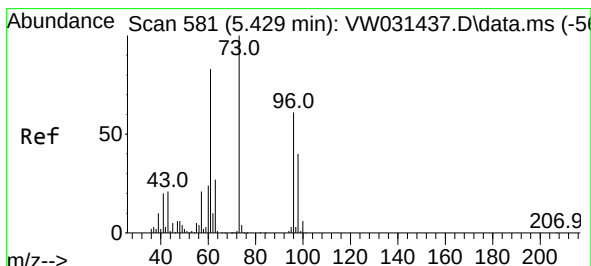
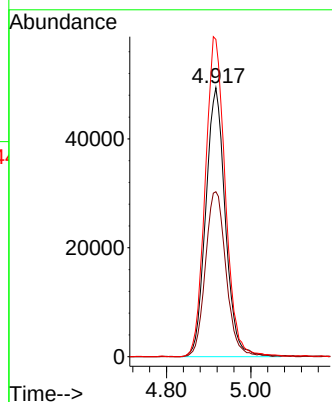
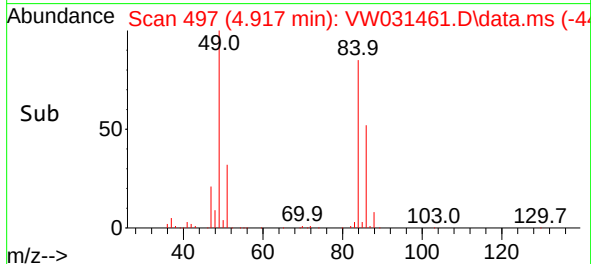


#16
Methylene chloride
Concen: 25.586 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

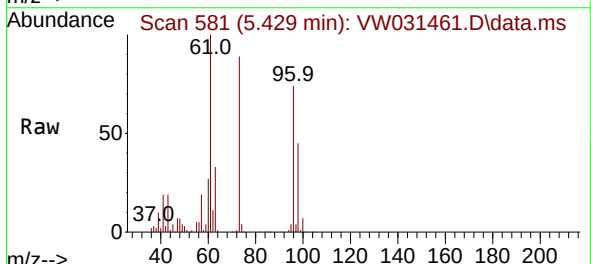
Instrument :
MSVOA_W
ClientSampleId :



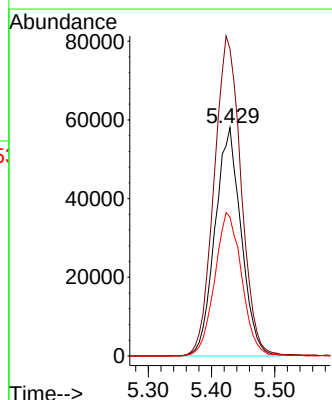
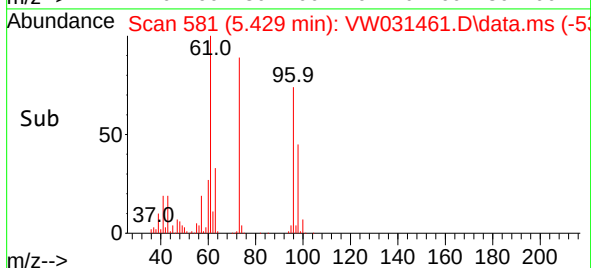
Tgt Ion: 84 Resp: 159554
Ion Ratio Lower Upper
84 100
86 61.3 44.7 82.9
49 118.0 88.3 164.1

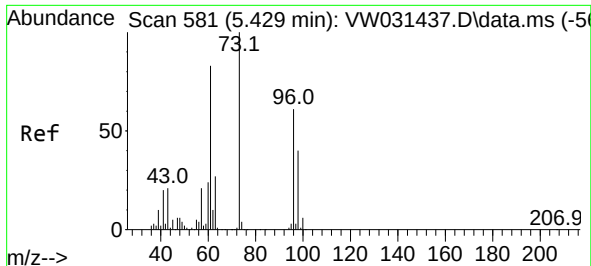


#17
trans-1,2-Dichloroethene
Concen: 25.459 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08



Tgt Ion: 96 Resp: 166734
Ion Ratio Lower Upper
96 100
61 134.5 100.7 187.1
98 60.8 43.8 81.3

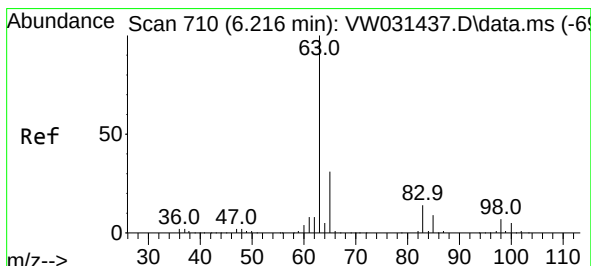
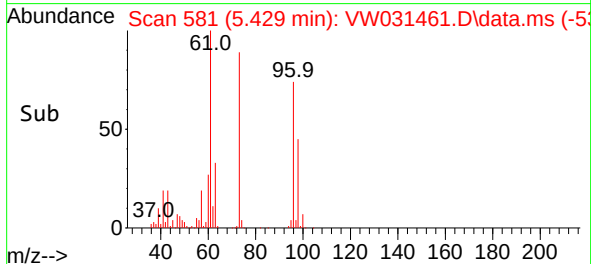
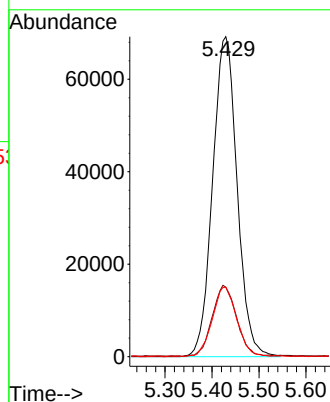
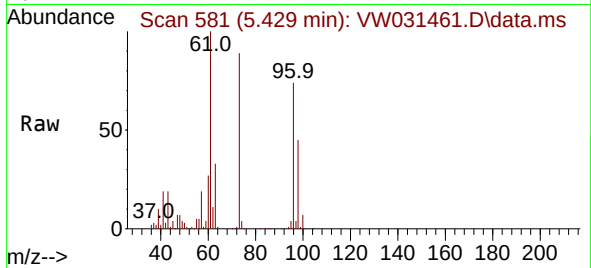




#18
Methyl tert-butyl Ether
Concen: 22.883 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

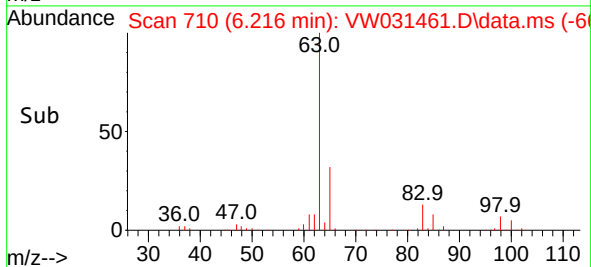
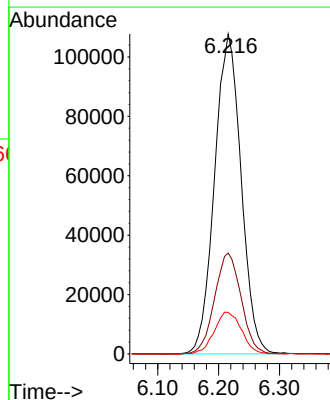
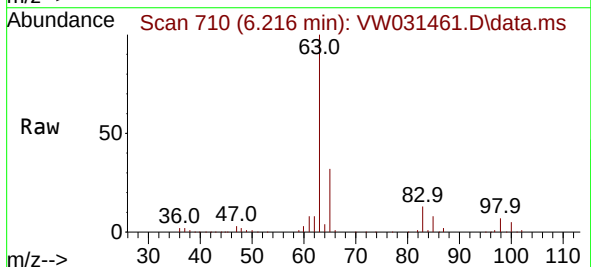
Instrument :
MSVOA_W
ClientSampleId :

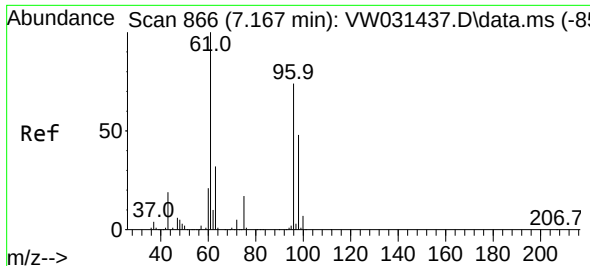
Tgt Ion: 73 Resp: 250544
Ion Ratio Lower Upper
73 100
43 22.0 17.9 26.9
57 21.7 17.9 26.9



#19
1,1-Dichloroethane
Concen: 26.587 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

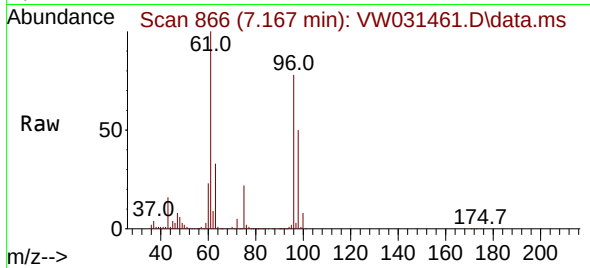
Tgt Ion: 63 Resp: 325381
Ion Ratio Lower Upper
63 100
65 31.6 21.9 40.7
83 13.0 9.3 17.3





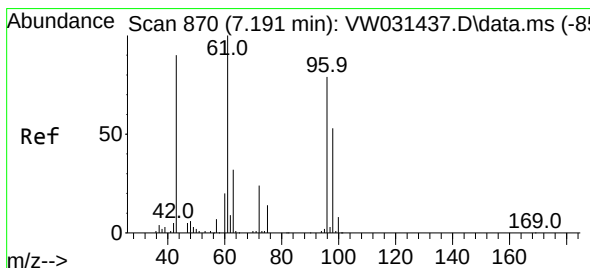
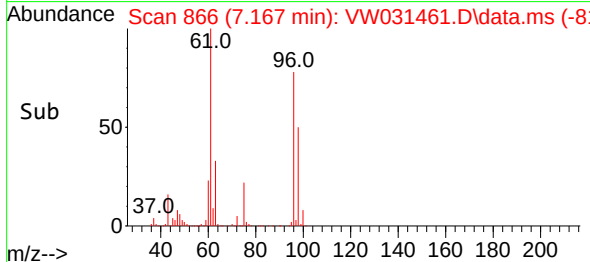
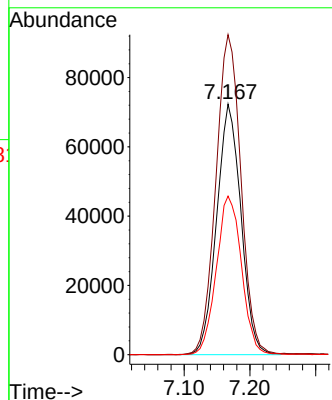
#20
 cis-1,2-Dichloroethene
 Concen: 26.279 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW031461.D
 Acq: 21 Dec 2024 15:08

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 186212

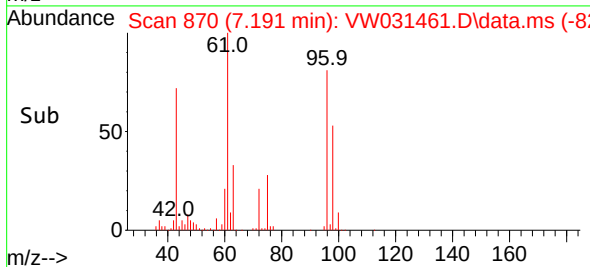
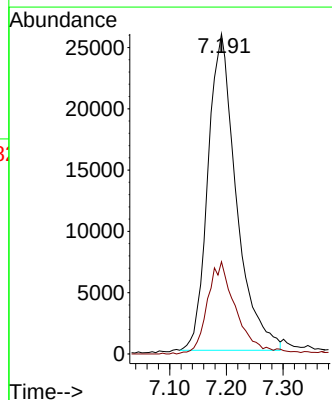
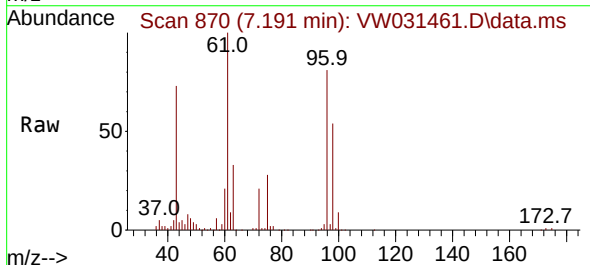
Ion	Ratio	Lower	Upper
96	100		
61	127.7	92.2	171.2
98	63.2	43.7	81.1

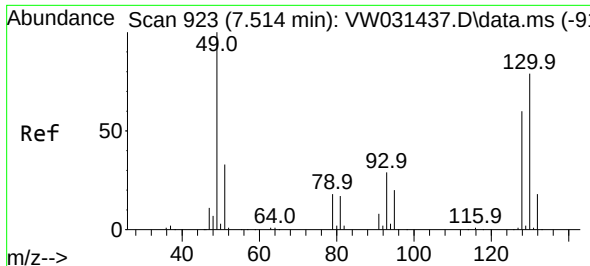


#22
 2-Butanone
 Concen: 37.931 ug/L
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW031461.D
 Acq: 21 Dec 2024 15:08

Tgt Ion: 43 Resp: 89886

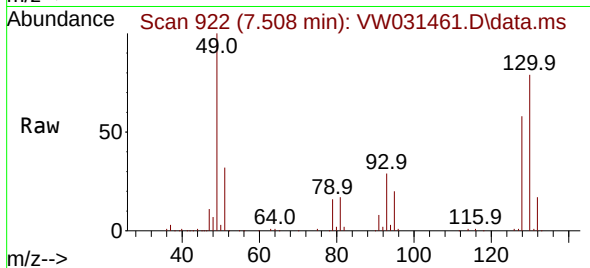
Ion	Ratio	Lower	Upper
43	100		
72	28.3	13.3	39.8



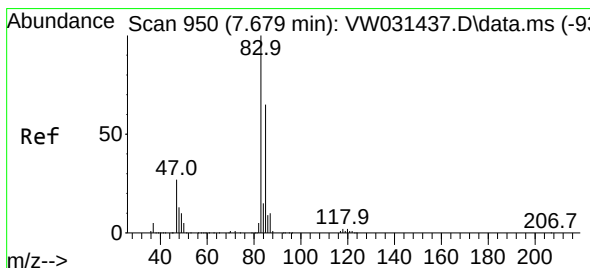
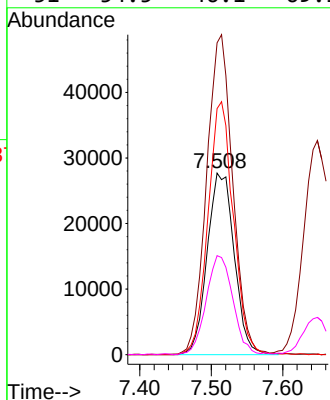
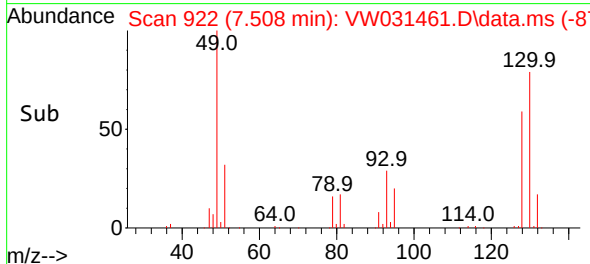


#23
Bromochloromethane
Concen: 25.784 ug/L
RT: 7.508 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Instrument :
MSVOA_W
ClientSampleId :

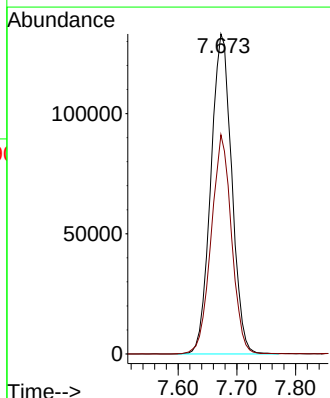
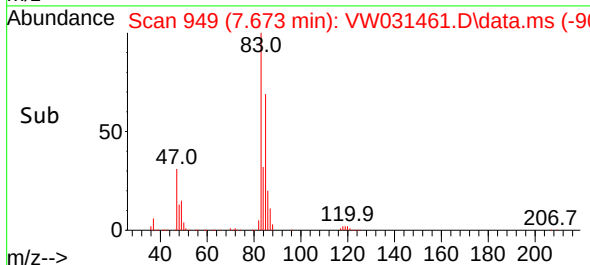
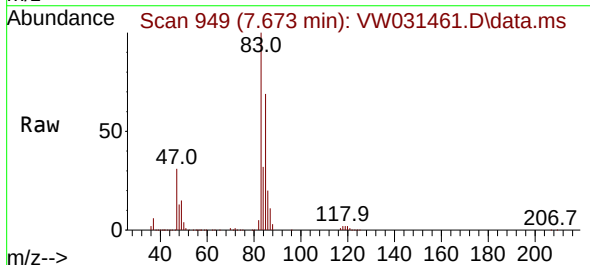


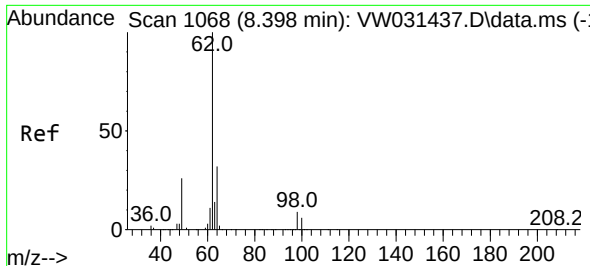
Tgt Ion:128 Resp: 72865
Ion Ratio Lower Upper
128 100
49 171.6 123.7 229.7
130 135.5 90.3 167.7
51 54.5 46.1 69.1



#25
Chloroform
Concen: 27.238 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Tgt Ion: 83 Resp: 329000
Ion Ratio Lower Upper
83 100
85 68.5 46.1 85.5





#27

1,2-Dichloroethane

Concen: 25.478 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

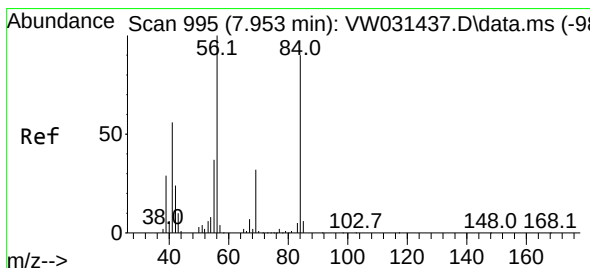
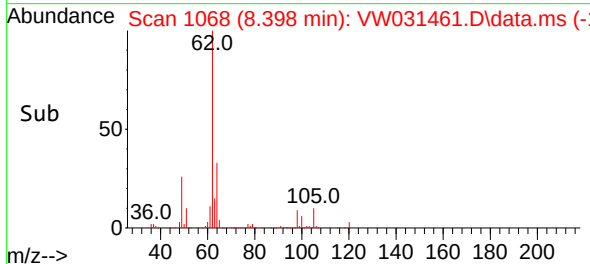
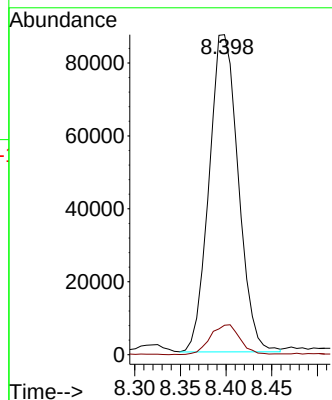
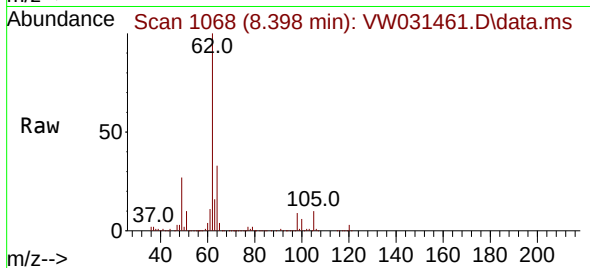
ClientSampleId :

Tgt Ion: 62 Resp: 193471

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8



#29

Cyclohexane

Concen: 24.172 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

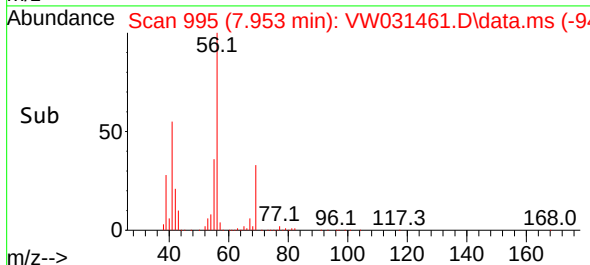
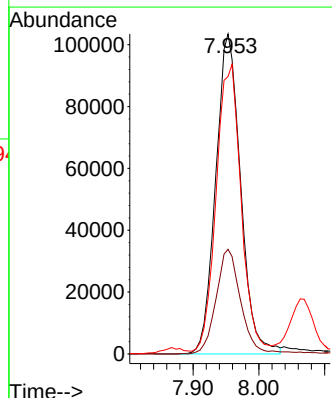
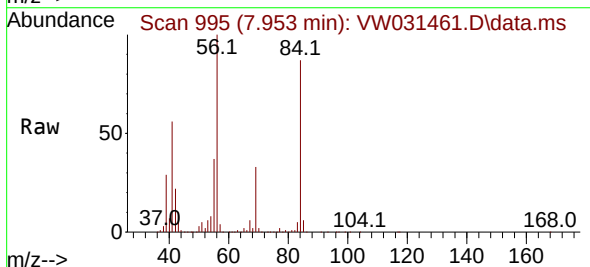
Tgt Ion: 56 Resp: 272887

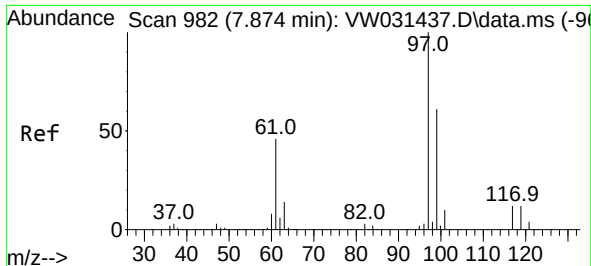
Ion Ratio Lower Upper

56 100

69 31.7 25.0 37.4

84 90.6 68.9 103.3





#30

1,1,1-Trichloroethane

Concen: 25.891 ug/L

RT: 7.868 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

ClientSampleId :

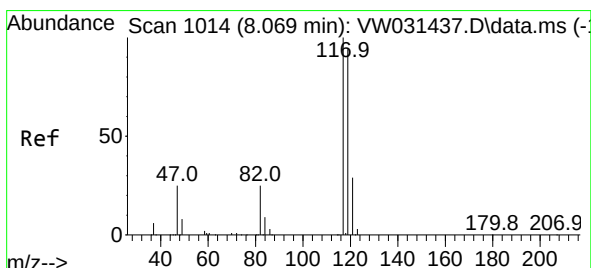
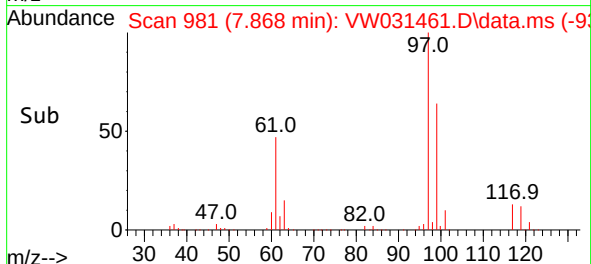
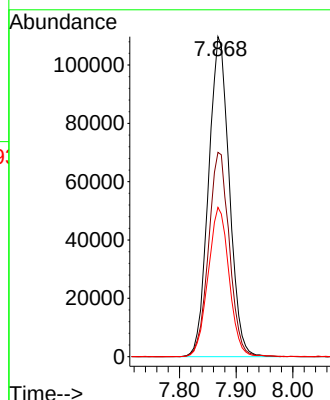
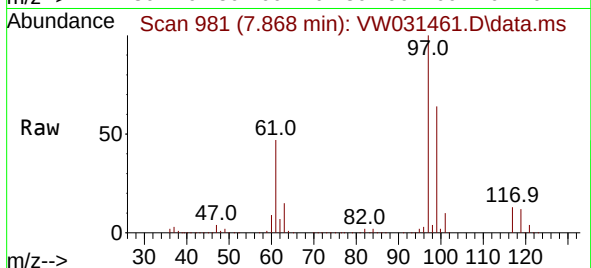
Tgt Ion: 97 Resp: 278578

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 47.1 36.3 54.5



#31

Carbon tetrachloride

Concen: 25.357 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW031461.D

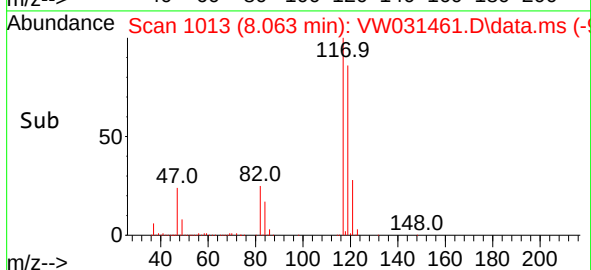
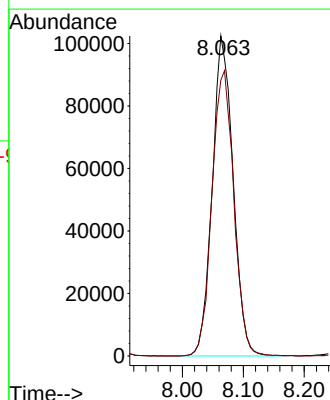
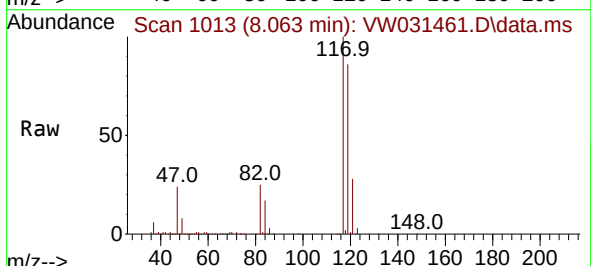
Acq: 21 Dec 2024 15:08

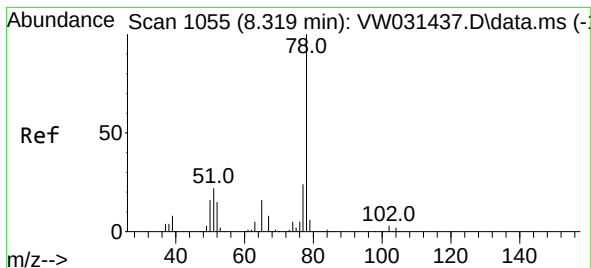
Tgt Ion: 117 Resp: 243071

Ion Ratio Lower Upper

117 100

119 93.8 76.0 114.0





#33

Benzene

Concen: 27.578 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW031461.D

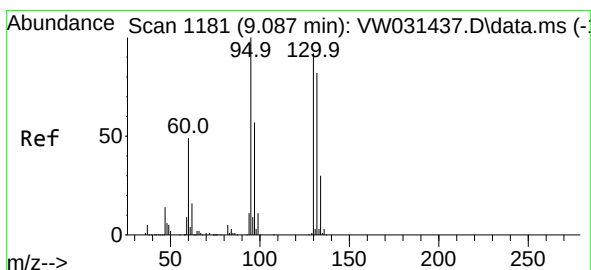
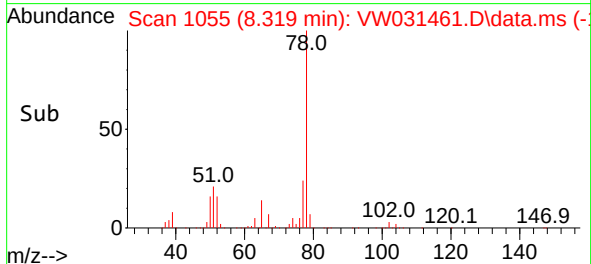
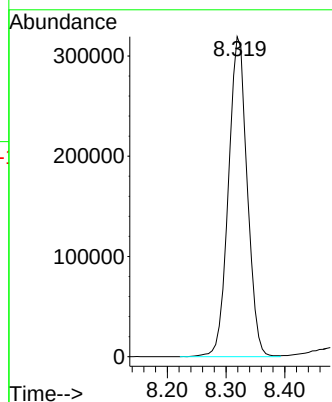
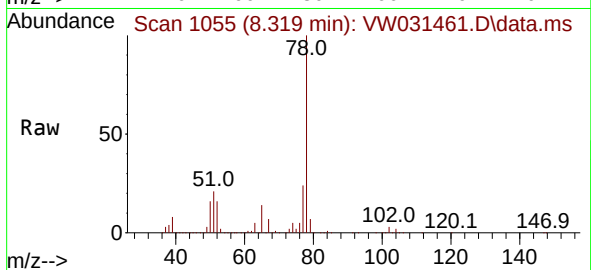
Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 709460



#34

Trichloroethene

Concen: 26.888 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Tgt Ion: 95 Resp: 195283

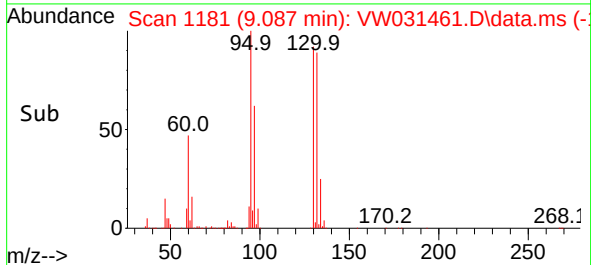
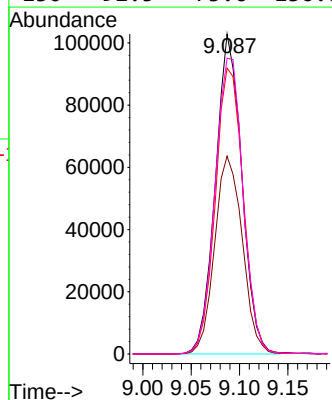
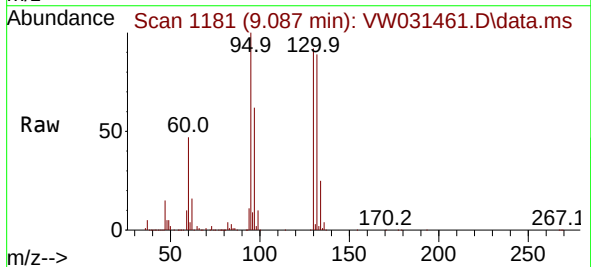
Ion Ratio Lower Upper

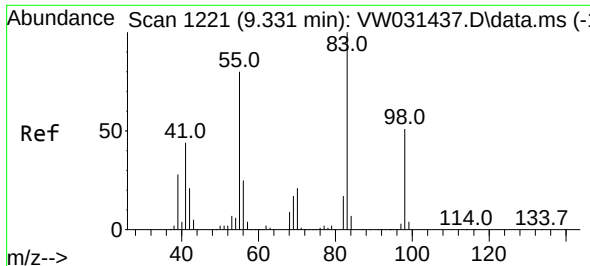
95 100

97 61.8 46.5 86.3

132 89.3 70.3 130.5

130 92.5 73.6 136.8

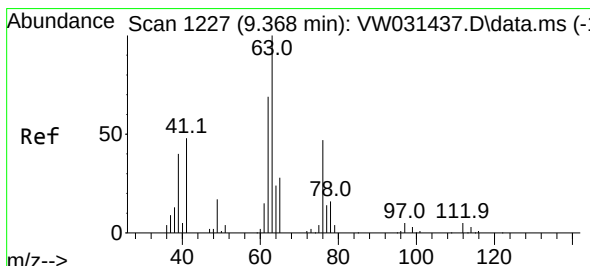
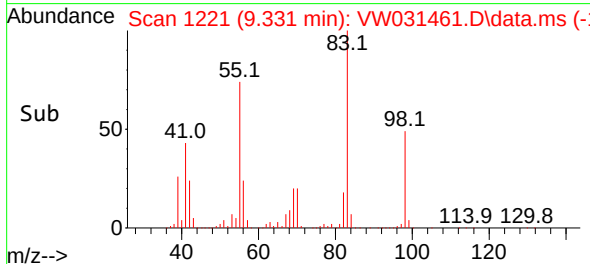
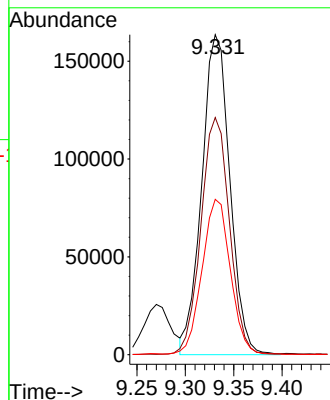
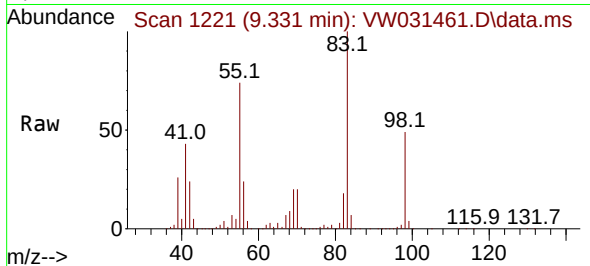




#35
Methylcyclohexane
Concen: 26.194 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

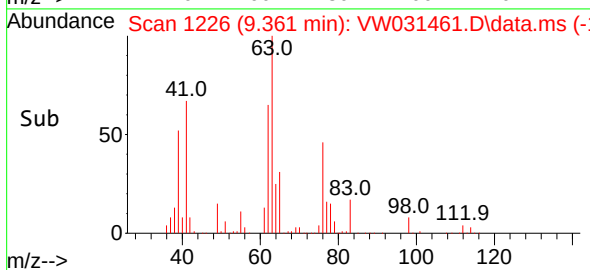
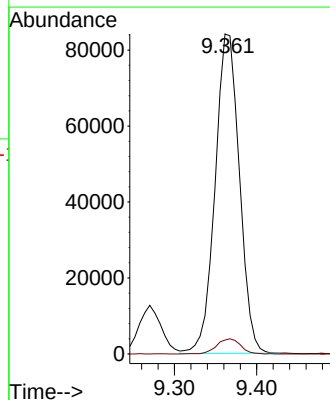
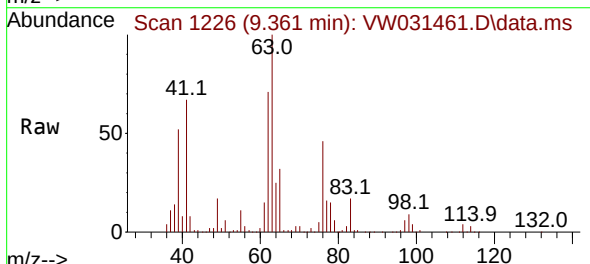
Instrument :
MSVOA_W
ClientSampleId :

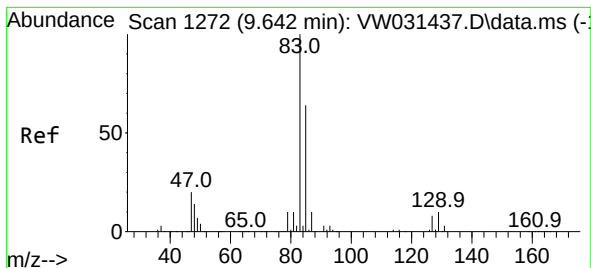
Tgt Ion: 83 Resp: 331304
Ion Ratio Lower Upper
83 100
55 74.7 62.6 93.8
98 49.1 39.8 59.6



#37
1,2-Dichloropropane
Concen: 26.944 ug/L
RT: 9.361 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Tgt Ion: 63 Resp: 172915
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8





#38

Bromodichloromethane

Concen: 26.335 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

ClientSampleId :

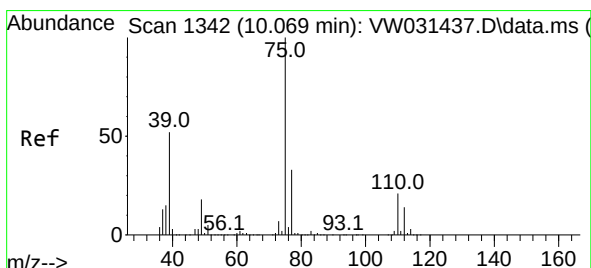
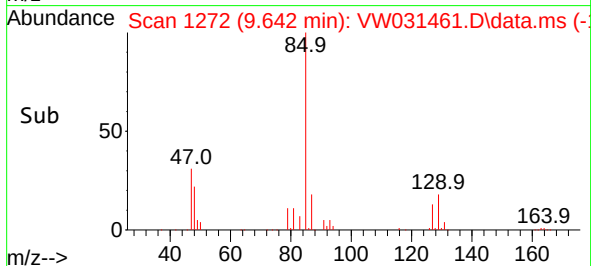
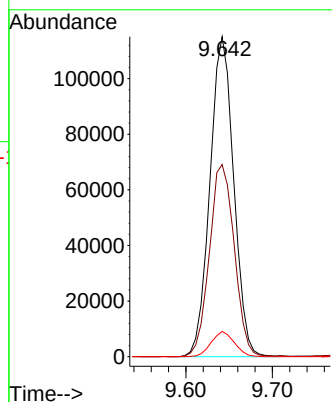
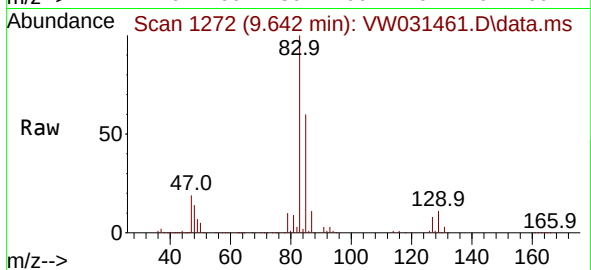
Tgt Ion: 83 Resp: 219717

Ion Ratio Lower Upper

83 100

85 60.1 46.5 86.5

127 7.9 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 25.325 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW031461.D

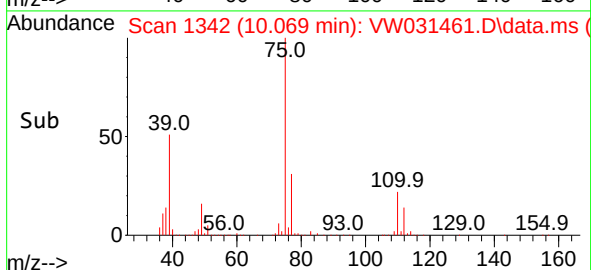
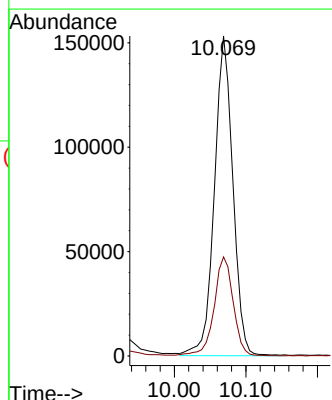
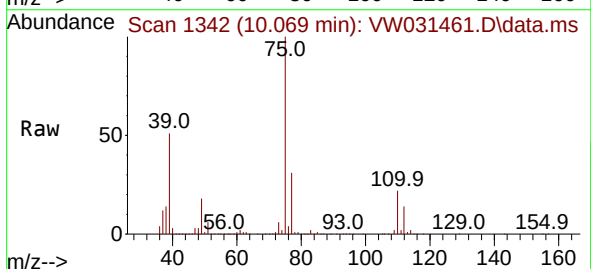
Acq: 21 Dec 2024 15:08

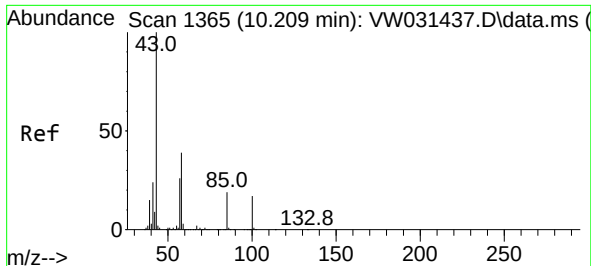
Tgt Ion: 75 Resp: 274636

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4





#40

4-Methyl-2-pentanone

Concen: 44.301 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

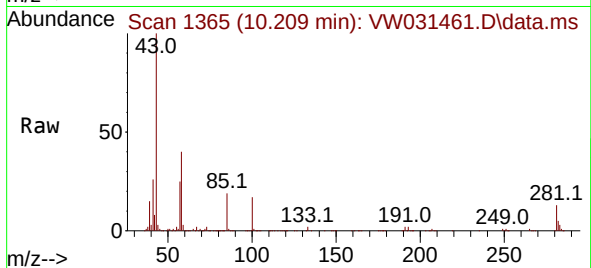
Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

ClientSampleId :



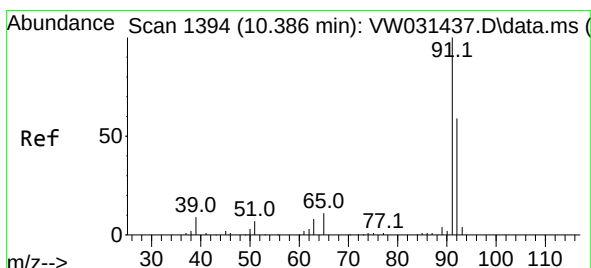
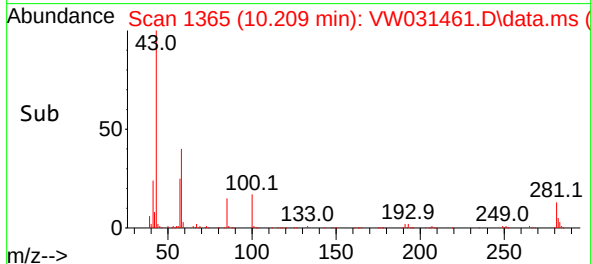
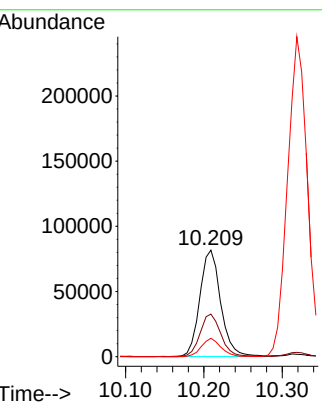
Tgt Ion: 43 Resp: 150836

Ion Ratio Lower Upper

43 100

58 40.3 31.1 46.7

100 16.3 13.0 19.6



#42

Toluene

Concen: 27.866 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031461.D

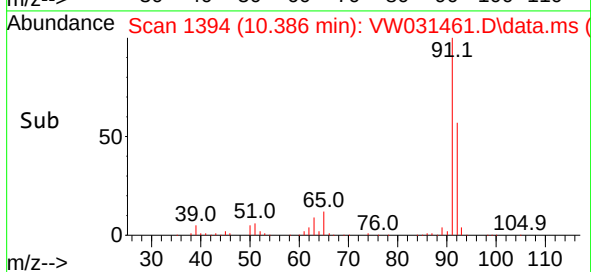
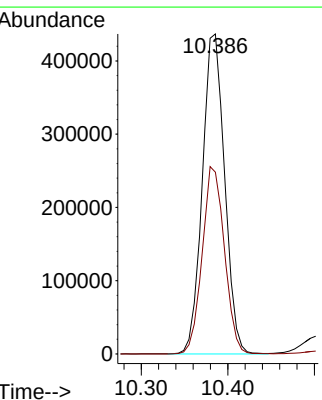
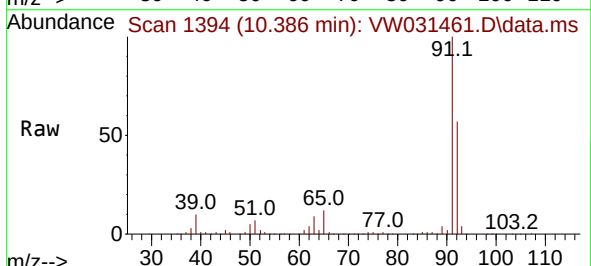
Acq: 21 Dec 2024 15:08

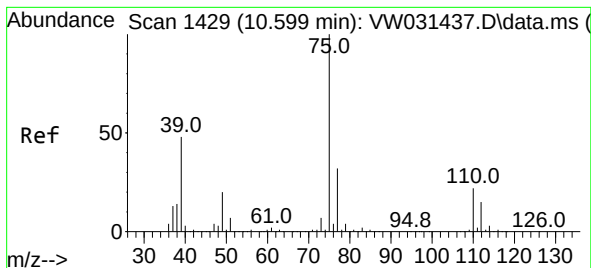
Tgt Ion: 91 Resp: 780498

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.9

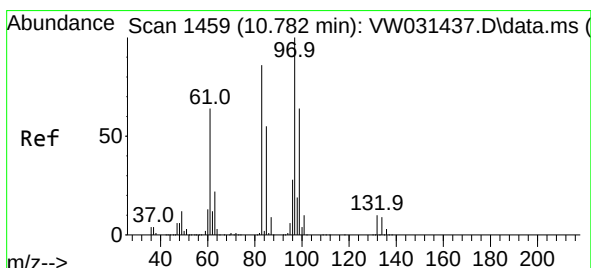
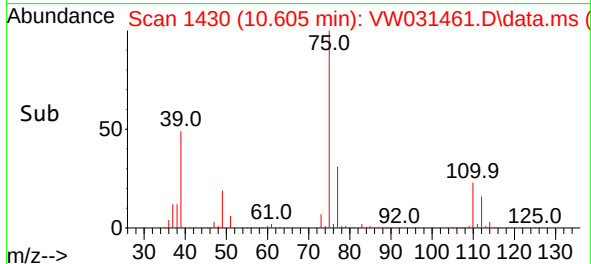
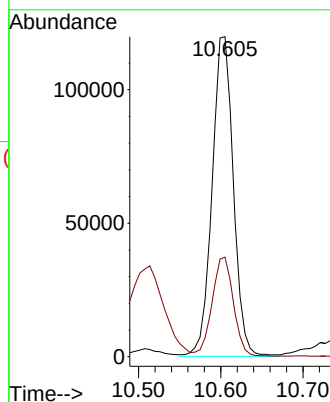
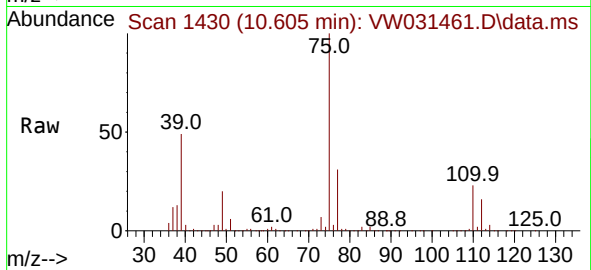




#44
trans-1,3-Dichloropropene
Concen: 24.346 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

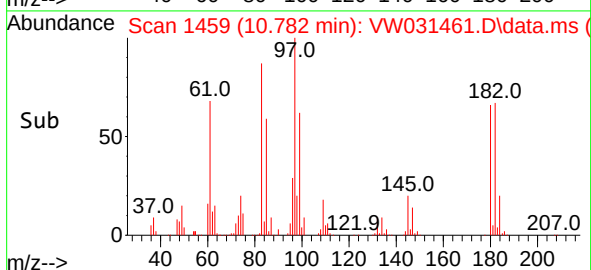
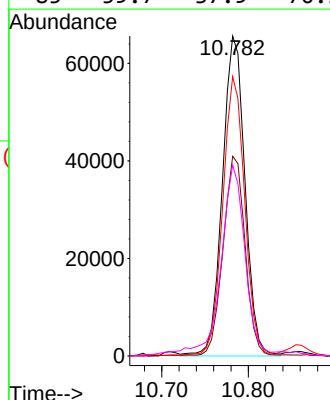
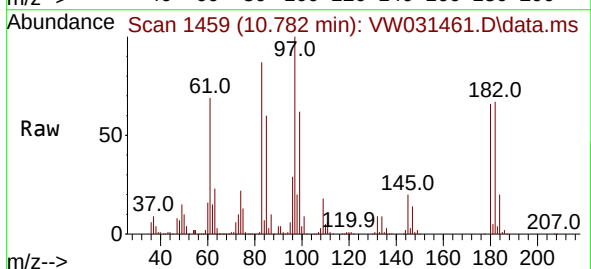
Instrument :
MSVOA_W
ClientSampleId :

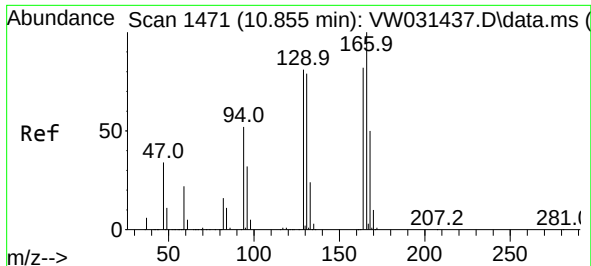
Tgt Ion: 75 Resp: 215586
Ion Ratio Lower Upper
75 100
77 31.1 21.2 39.4



#45
1,1,2-Trichloroethane
Concen: 27.782 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

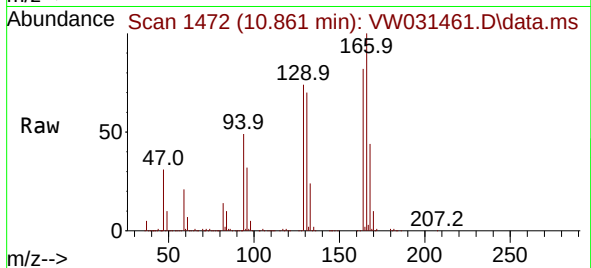
Tgt Ion: 97 Resp: 118594
Ion Ratio Lower Upper
97 100
99 62.4 43.0 80.0
83 87.3 56.4 104.7
85 59.7 37.9 70.3



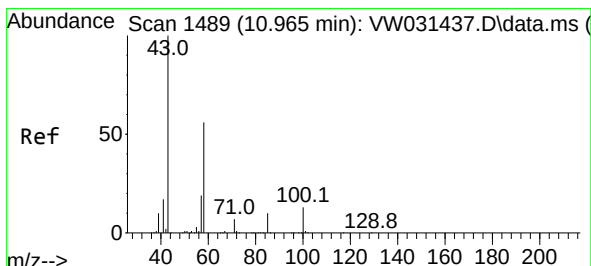
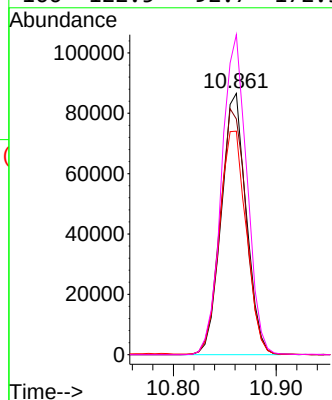
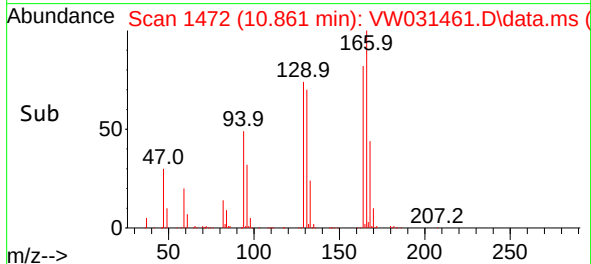


#46
Tetrachloroethene
Concen: 27.350 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

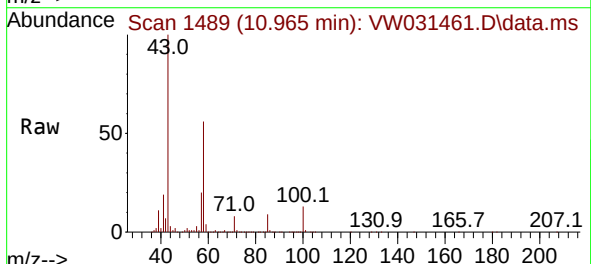
Instrument :
MSVOA_W
ClientSampleId :



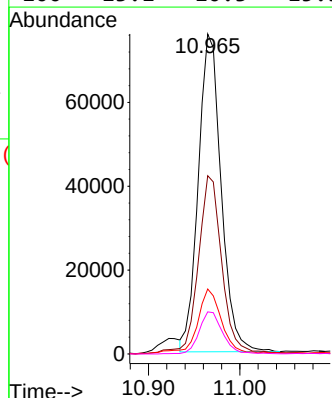
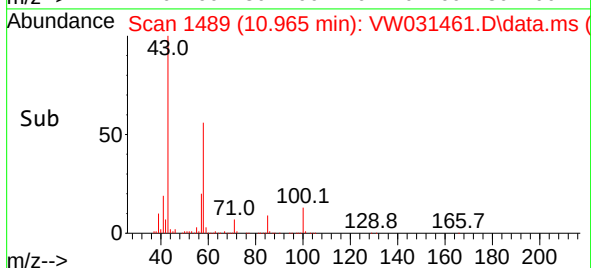
Tgt Ion:164 Resp: 145503
Ion Ratio Lower Upper
164 100
129 90.2 73.5 136.5
131 85.6 66.6 123.8
166 122.5 92.7 172.3

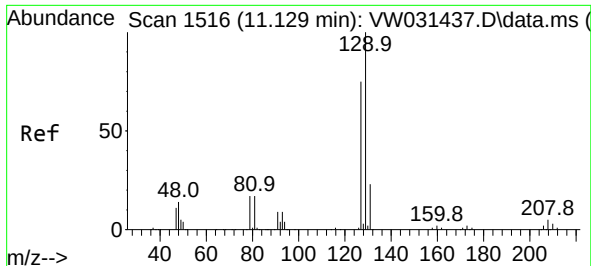


#48
2-Hexanone
Concen: 45.514 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08



Tgt Ion: 43 Resp: 131799
Ion Ratio Lower Upper
43 100
58 57.8 43.0 64.6
57 21.8 15.7 23.5
100 13.1 10.3 15.5

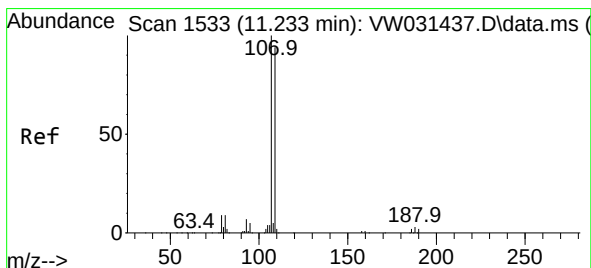
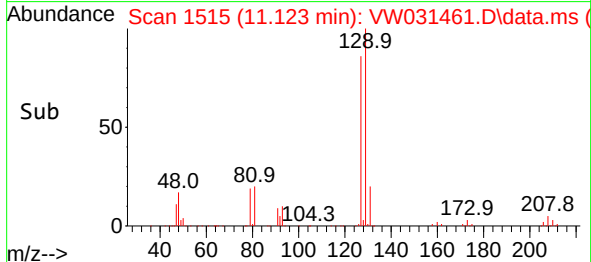
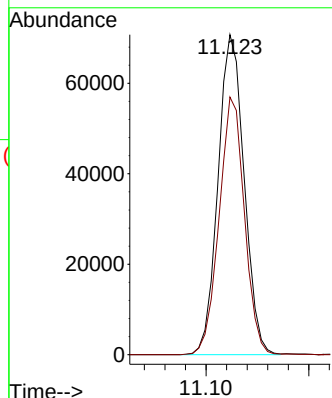
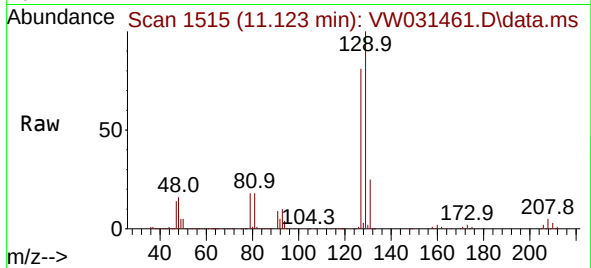




#49
Dibromochloromethane
Concen: 24.587 ug/L
RT: 11.123 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

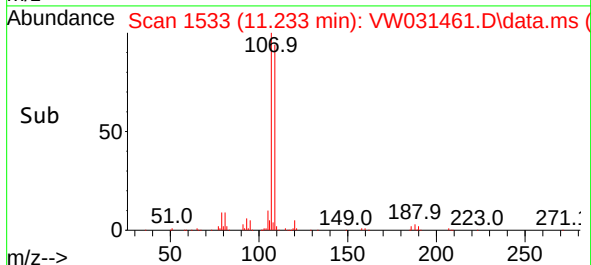
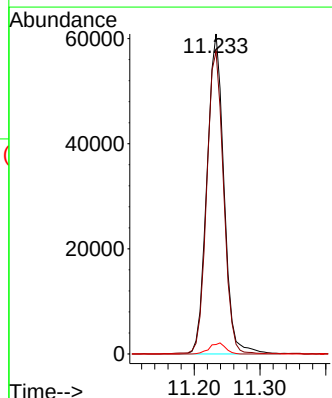
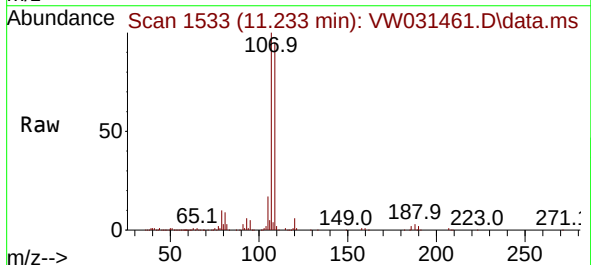
Instrument :
MSVOA_W
ClientSampleId :

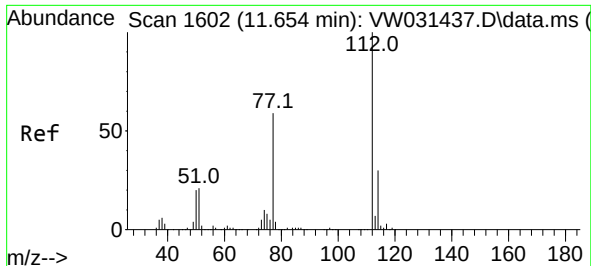
Tgt Ion:129 Resp: 124411
Ion Ratio Lower Upper
129 100
127 80.5 57.6 107.0



#50
1,2-Dibromoethane
Concen: 27.118 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Tgt Ion:107 Resp: 109660
Ion Ratio Lower Upper
107 100
109 94.5 63.2 117.4
188 2.9 2.6 4.0

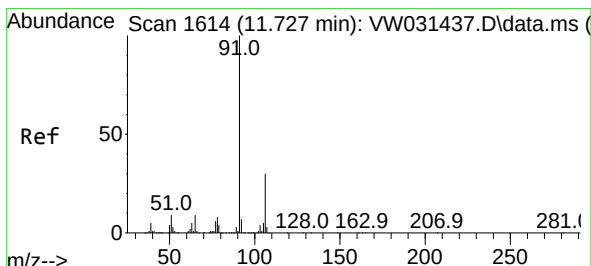
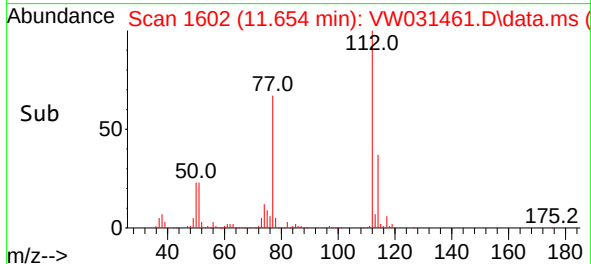
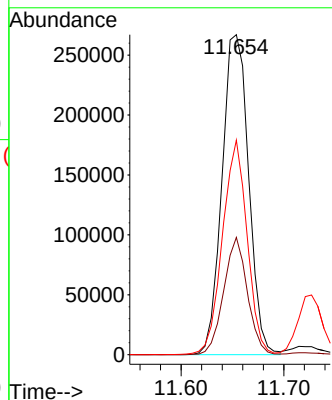
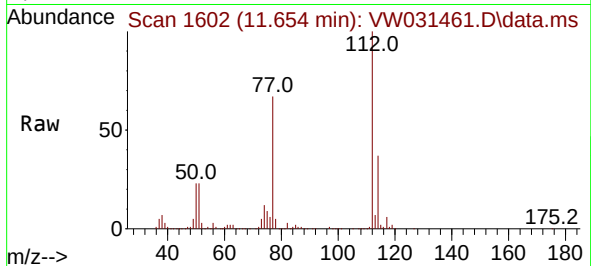




#51
Chlorobenzene
Concen: 27.387 ug/L
RT: 11.654 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

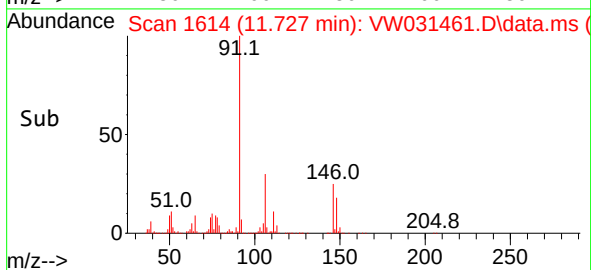
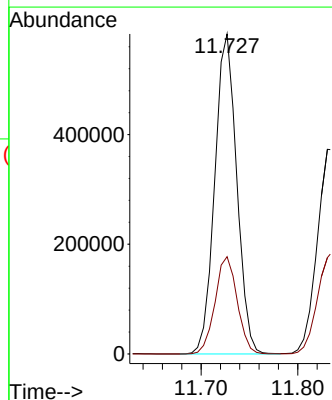
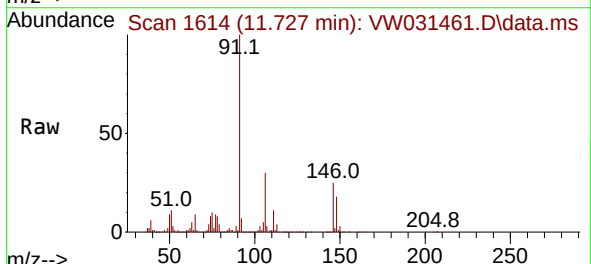
Instrument :
MSVOA_W
ClientSampleId :

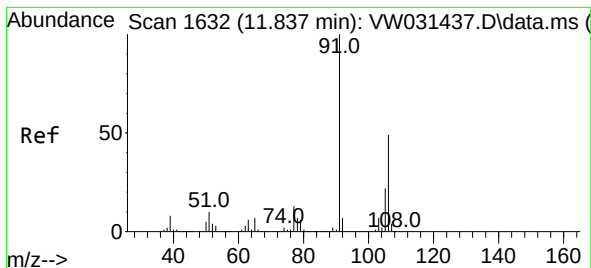
Tgt Ion:112 Resp: 480942
Ion Ratio Lower Upper
112 100
114 36.7 22.7 42.3
77 67.1 50.2 75.4



#52
Ethylbenzene
Concen: 28.317 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Tgt Ion: 91 Resp: 919187
Ion Ratio Lower Upper
91 100
106 30.4 20.7 38.5





#53

m,p-Xylene

Concen: 28.547 ug/L

RT: 11.837 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

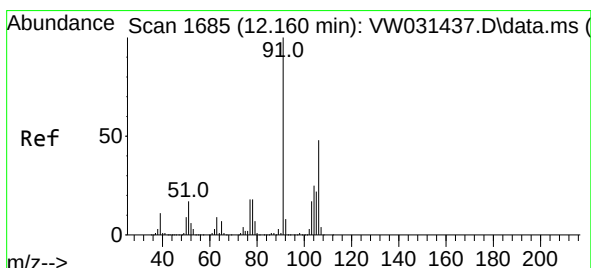
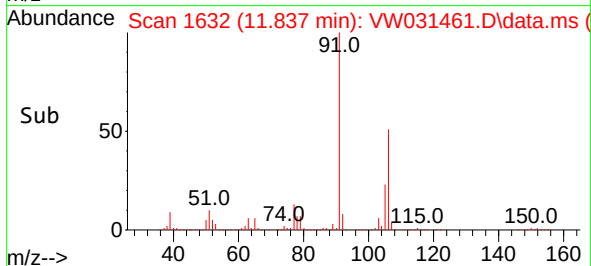
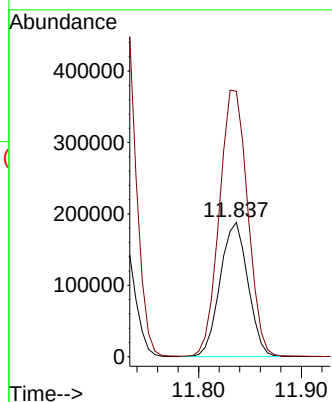
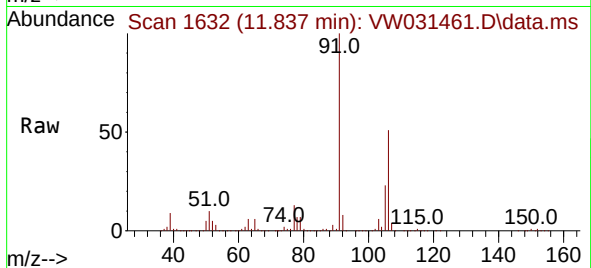
ClientSampleId :

Tgt Ion:106 Resp: 352770

Ion Ratio Lower Upper

106 100

91 197.6 139.9 259.7



#54

o-Xylene

Concen: 28.806 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW031461.D

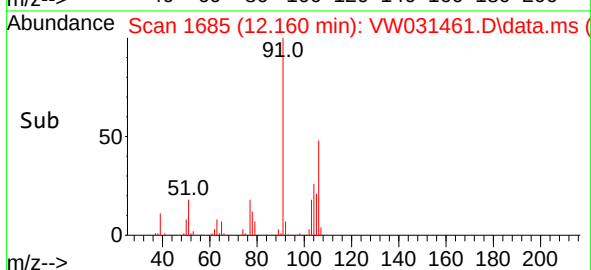
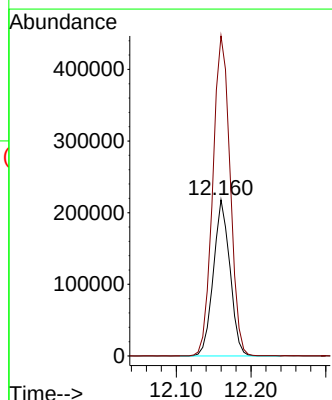
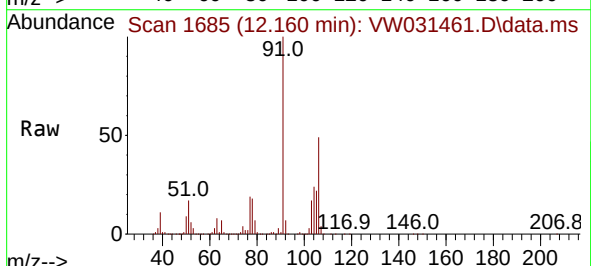
Acq: 21 Dec 2024 15:08

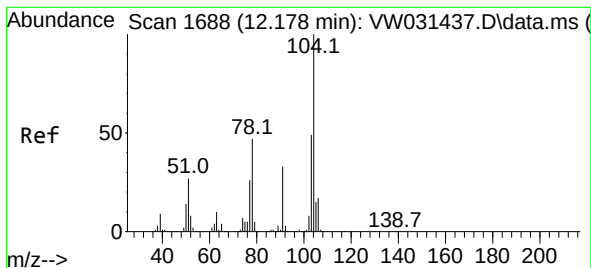
Tgt Ion:106 Resp: 335482

Ion Ratio Lower Upper

106 100

91 204.9 153.1 284.3





#55

Styrene

Concen: 28.512 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

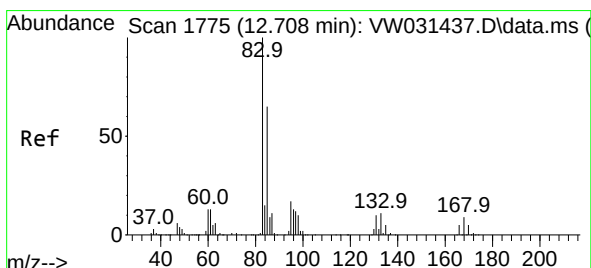
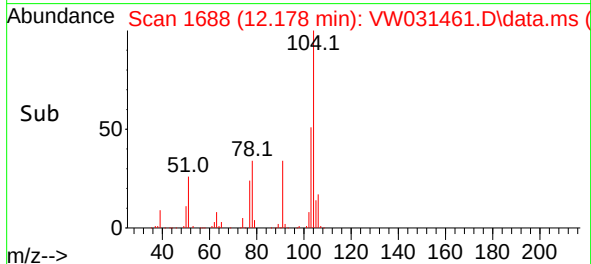
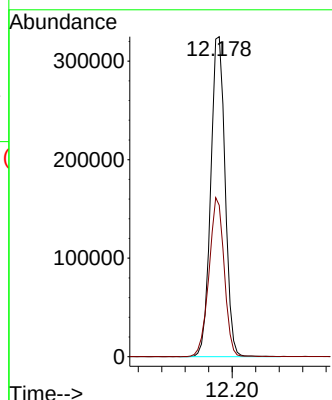
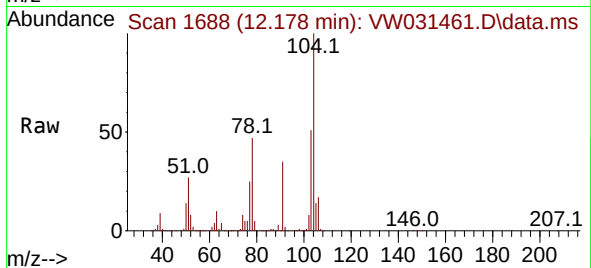
ClientSampleId :

Tgt Ion:104 Resp: 552340

Ion Ratio Lower Upper

104 100

78 47.3 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 26.593 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

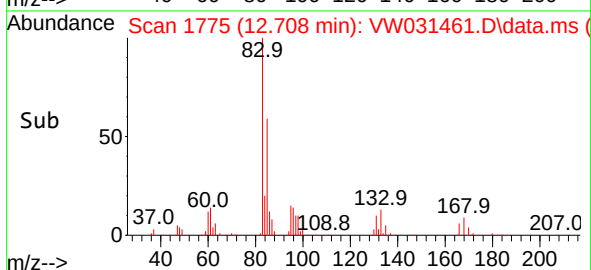
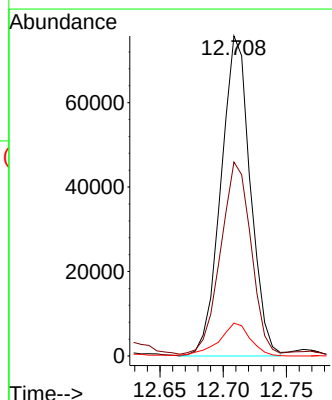
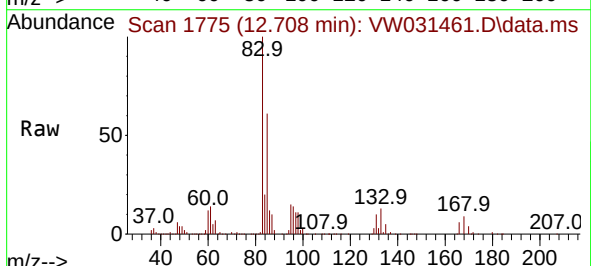
Tgt Ion: 83 Resp: 122373

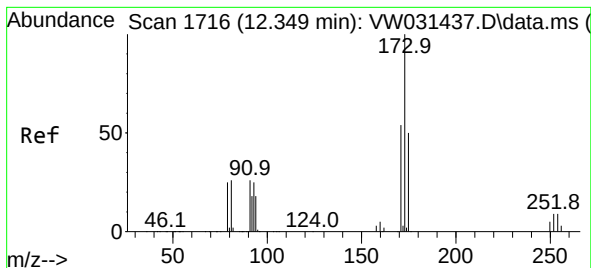
Ion Ratio Lower Upper

83 100

85 60.6 44.1 81.9

131 10.2 7.9 11.9





#59

Bromoform

Concen: 20.693 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031461.D

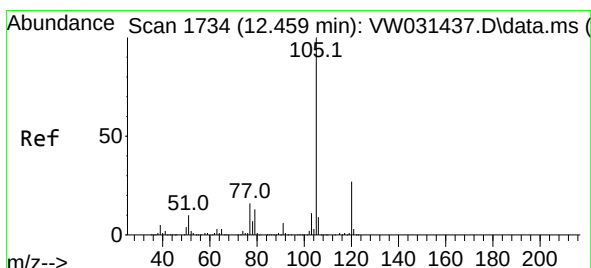
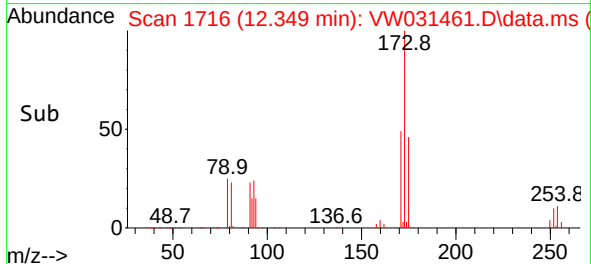
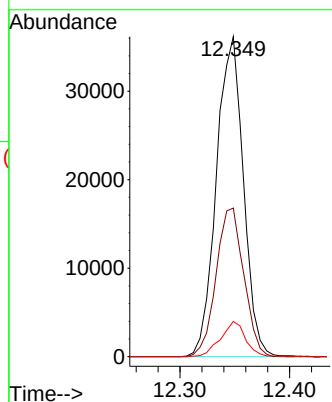
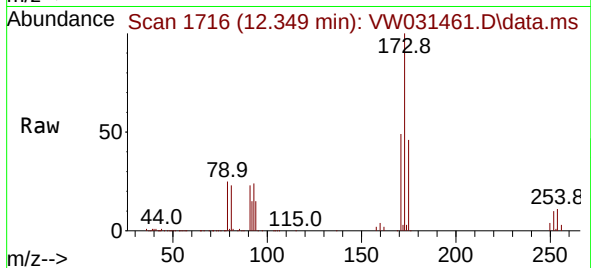
Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	61828
Ion Ratio	Lower	Upper	
173	100		
175	47.6	38.6	57.8
254	10.2	7.6	11.4



#60

Isopropylbenzene

Concen: 27.233 ug/L

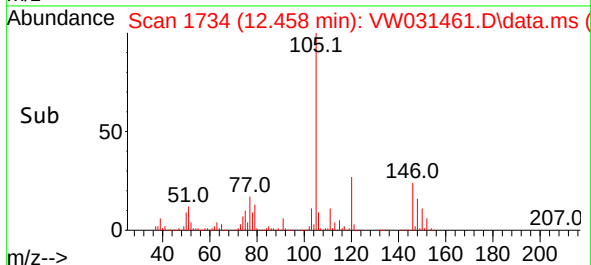
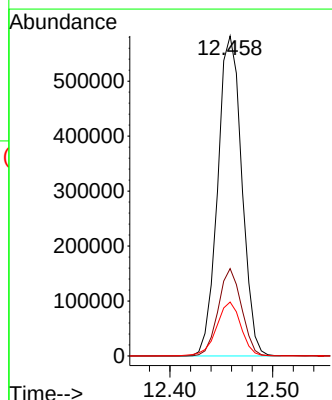
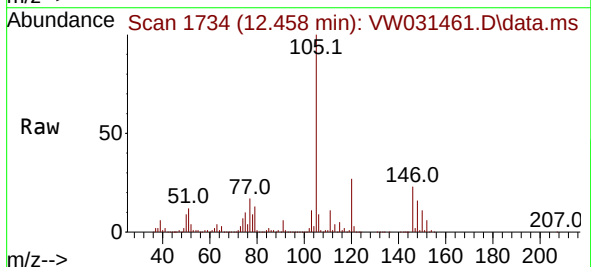
RT: 12.458 min Scan# 1734

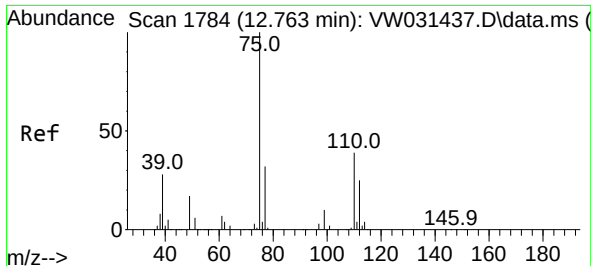
Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

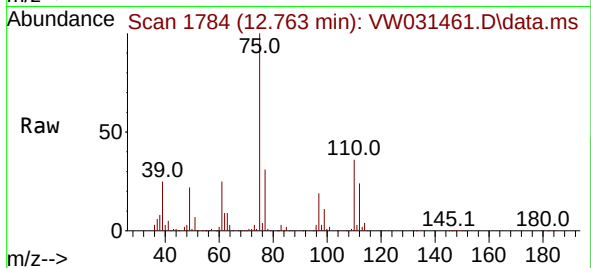
Tgt Ion:	105	Resp:	947867
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.6	31.0
77	17.1	12.8	19.2



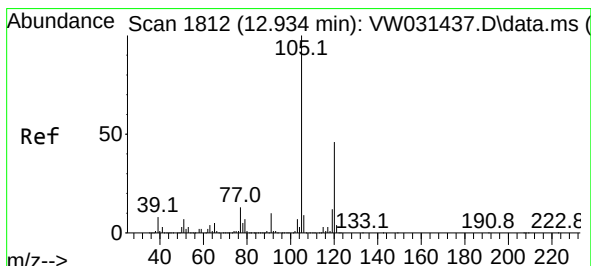
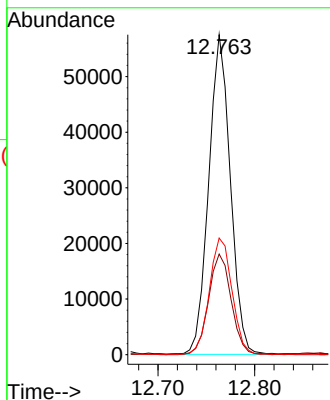
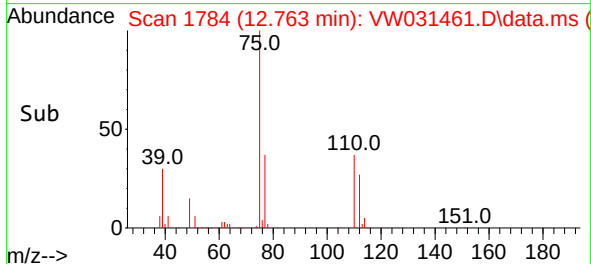


#61
1,2,3-Trichloropropane
Concen: 24.570 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Instrument :
MSVOA_W
ClientSampleId :

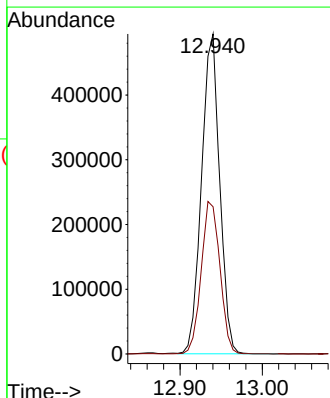
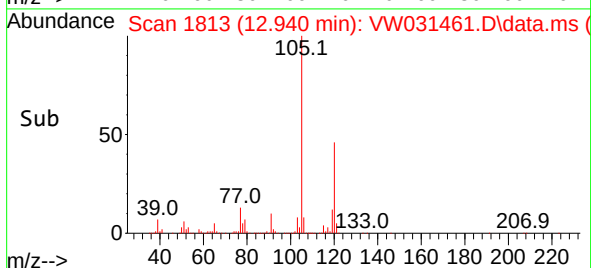
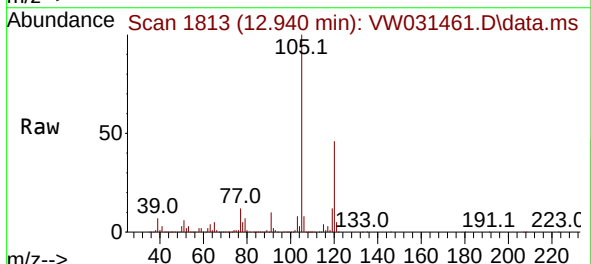


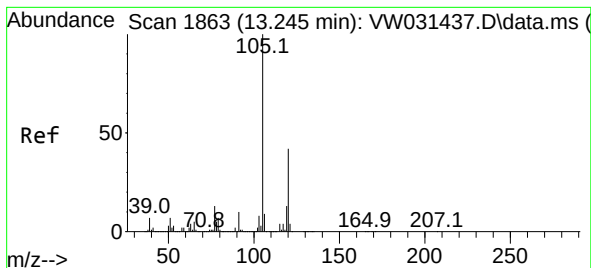
Tgt Ion: 75 Resp: 89420
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 38.2 31.2 46.8



#62
1,3,5-Trimethylbenzene
Concen: 25.649 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Tgt Ion: 105 Resp: 756878
Ion Ratio Lower Upper
105 100
120 49.3 37.3 55.9





#63

1,2,4-Trimethylbenzene

Concen: 26.779 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

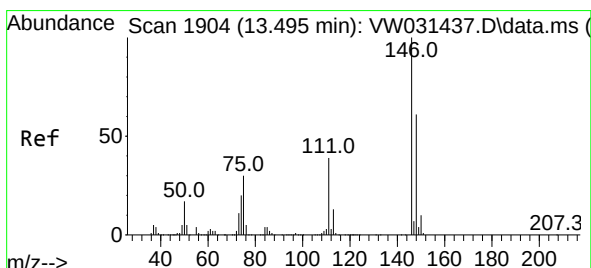
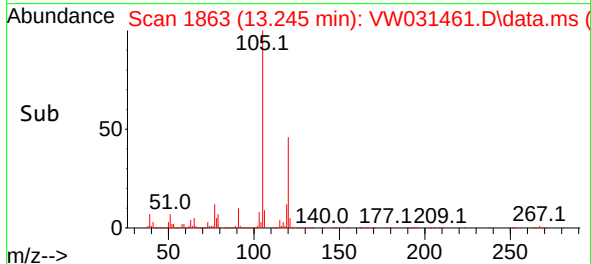
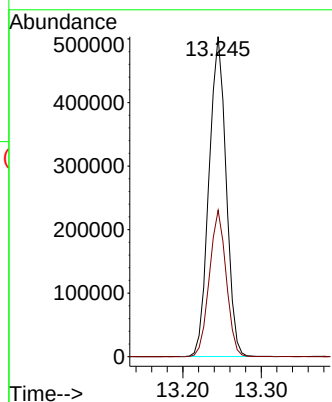
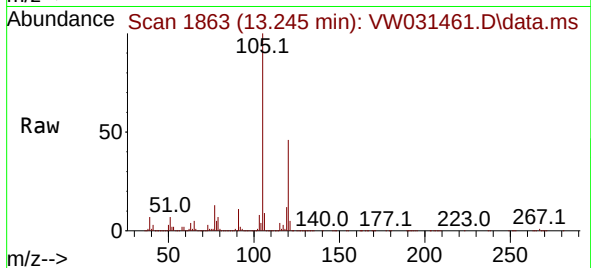
ClientSampleId :

Tgt Ion:105 Resp: 763762

Ion Ratio Lower Upper

105 100

120 44.9 35.0 52.4



#64

1,3-Dichlorobenzene

Concen: 26.821 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

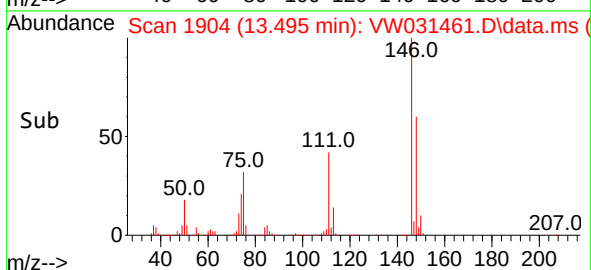
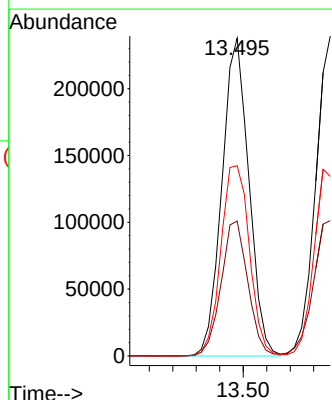
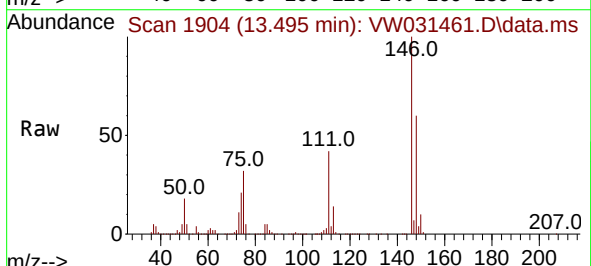
Tgt Ion:146 Resp: 378219

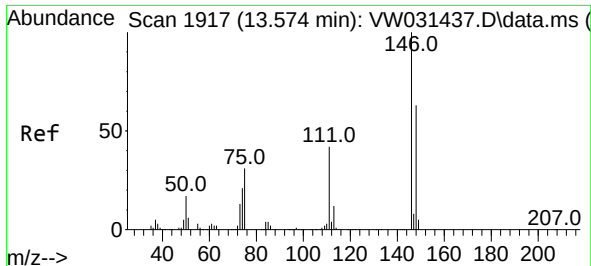
Ion Ratio Lower Upper

146 100

111 42.4 27.6 51.2

148 59.8 41.0 76.2

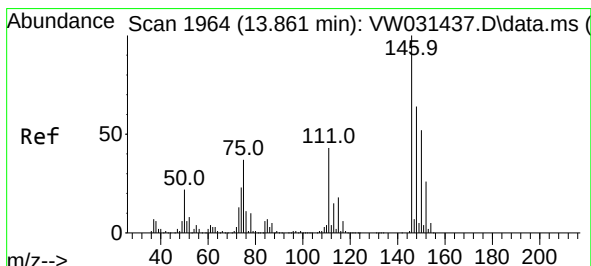
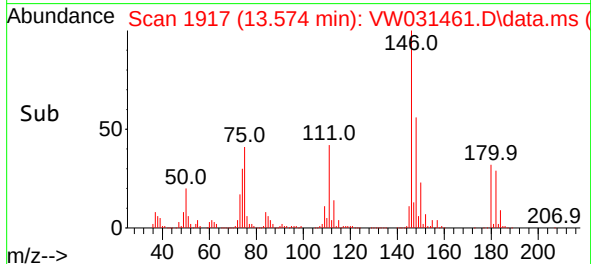
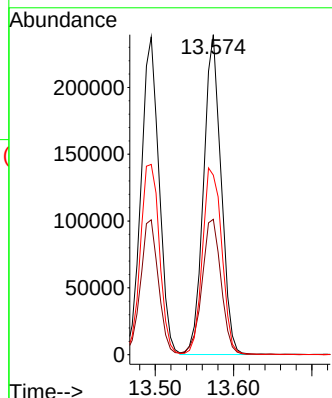
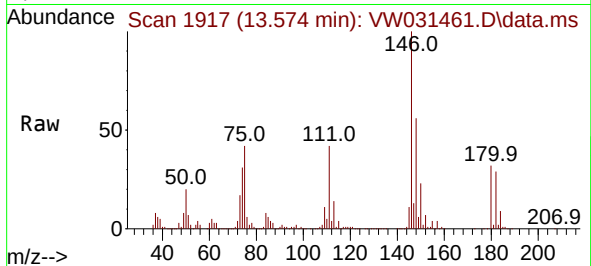




#65
1,4-Dichlorobenzene
Concen: 26.670 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

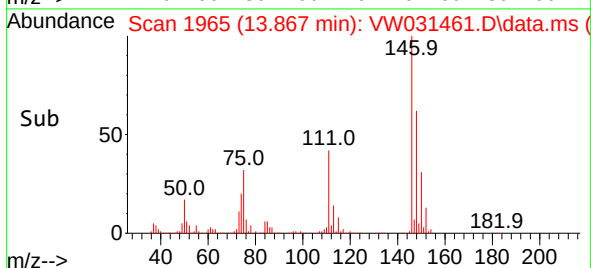
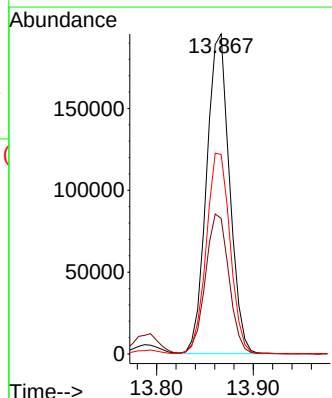
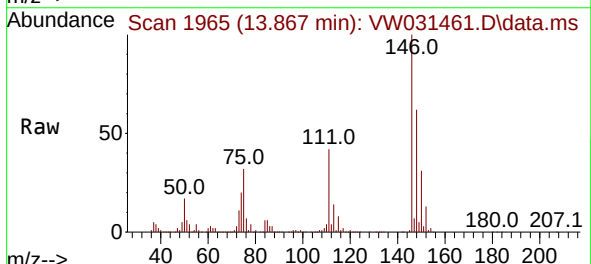
Instrument :
MSVOA_W
ClientSampleId :

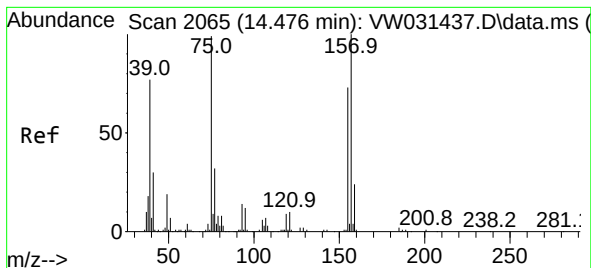
Tgt Ion:146 Resp: 372634
Ion Ratio Lower Upper
146 100
111 42.3 30.7 56.9
148 56.1 46.5 86.3



#67
1,2-Dichlorobenzene
Concen: 26.563 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Tgt Ion:146 Resp: 322753
Ion Ratio Lower Upper
146 100
111 42.4 38.6 58.0
148 62.4 53.6 80.4

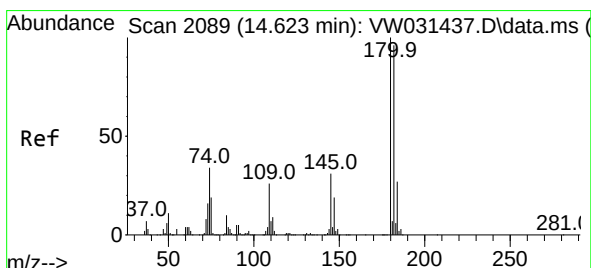
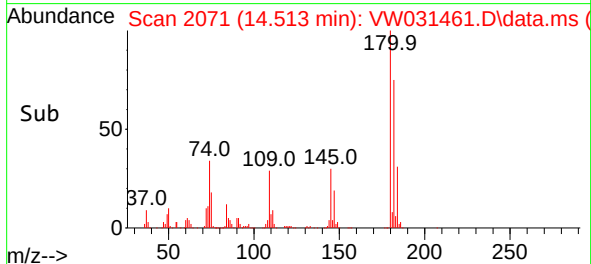
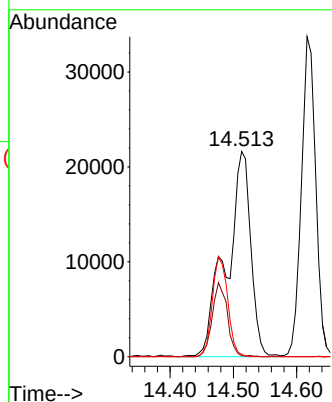
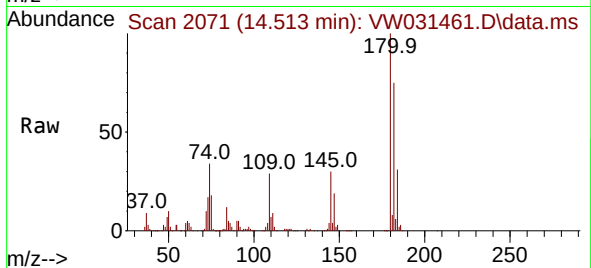




#68
1,2-Dibromo-3-chloropropane
Concen: 62.920 ug/L
RT: 14.513 min Scan# 2065
Delta R.T. 0.037 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

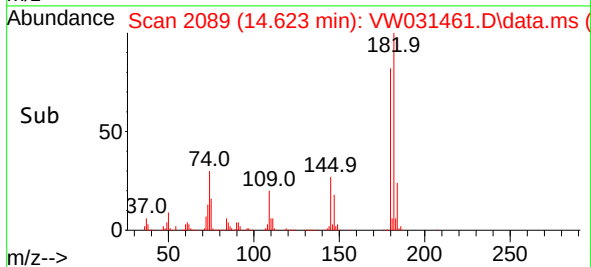
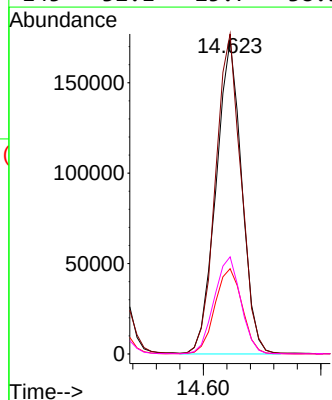
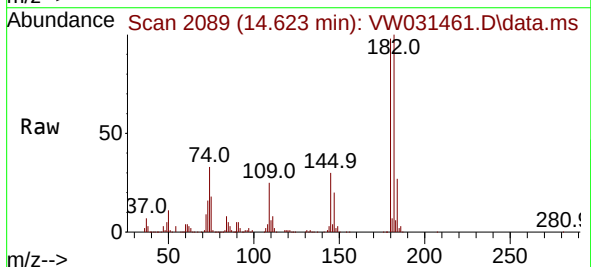
Instrument :
MSVOA_W
ClientSampleId :

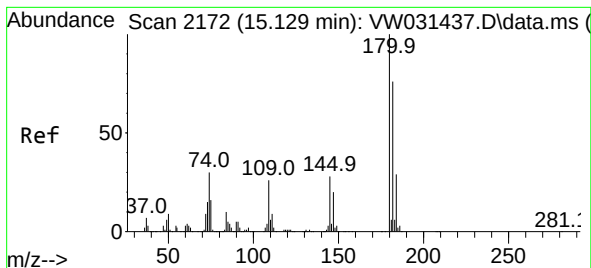
Tgt Ion: 75 Resp: 58112
Ion Ratio Lower Upper
75 100
155 0.5 56.6 85.0#
157 1.1 71.2 106.8#



#69
1,3,5-Trichlorobenzene
Concen: 26.669 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031461.D
Acq: 21 Dec 2024 15:08

Tgt Ion:180 Resp: 263387
Ion Ratio Lower Upper
180 100
182 101.6 75.0 112.4
184 28.9 24.6 36.8
145 32.1 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 26.314 ug/L

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

Instrument :

MSVOA_W

ClientSampleId :

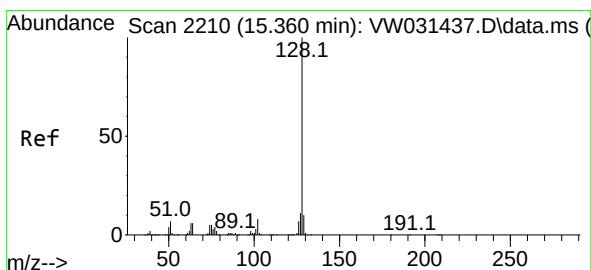
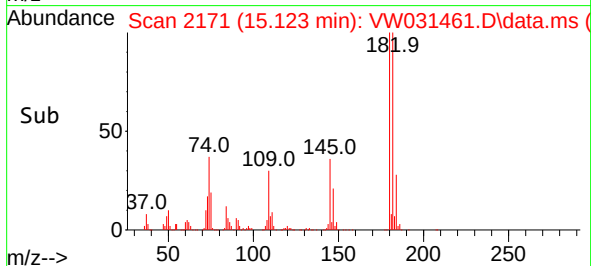
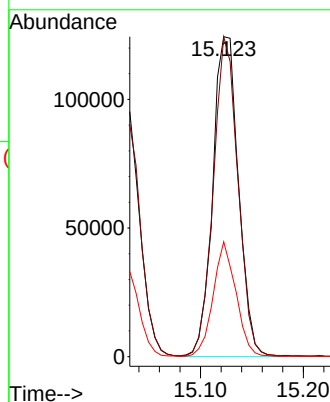
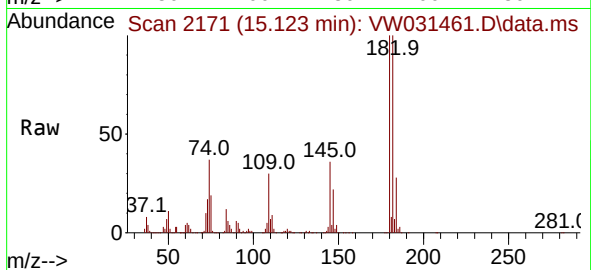
Tgt Ion:180 Resp: 216182

Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.2

145 32.0 26.7 40.1



#71

Naphthalene

Concen: 25.121 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW031461.D

Acq: 21 Dec 2024 15:08

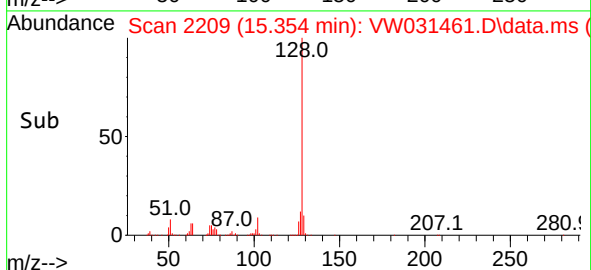
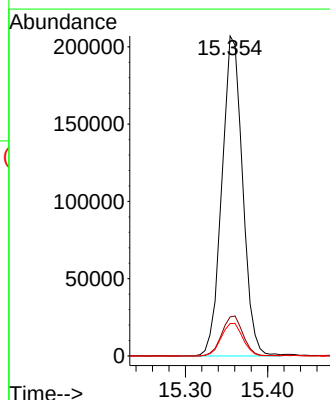
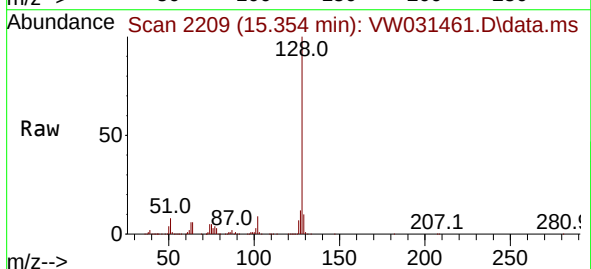
Tgt Ion:128 Resp: 361835

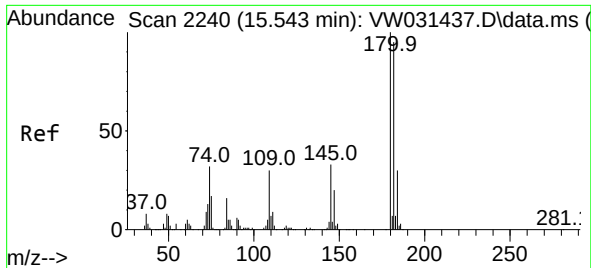
Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 25.702 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031461.D
 Acq: 21 Dec 2024 15:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 170131
 Ion Ratio Lower Upper
 180 100
 182 101.9 75.0 112.4
 145 36.0 27.8 41.6

