

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031437.D
 Acq On : 20 Dec 2024 19:27
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 23:38:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 21:58:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	523428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	477071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	170090	21.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
7) Chloroethane-d5	2.899	69	145784	25.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.080%
11) 1,1-Dichloroethene-d2	4.015	65	74563	19.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.840%
21) 2-Butanone-d5	7.094	46	92343	62.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.520%
24) Chloroform-d	7.648	84	353439	24.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	8.307	65	195939	27.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	8.270	84	682416	22.318	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.280%
36) 1,2-Dichloropropane-d6	9.270	67	212495	23.844	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.319	98	626334	22.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	10.575	79	86924	21.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.600%
47) 2-Hexanone-d5	10.922	63	74810	62.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	175416	31.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.400%#
66) 1,2-Dichlorobenzene-d4	13.849	152	211534	23.884	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104078	22.001	ug/L	96
3) Chloromethane	2.216	50	138020	25.971	ug/L	94
5) Vinyl chloride	2.369	62	194051	26.348	ug/L	96
6) Bromomethane	2.790	94	130159	28.746	ug/L	98
8) Chloroethane	2.936	64	129434	29.552	ug/L	97
9) Trichlorofluoromethane	3.259	101	183983	23.450	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	161459	25.485	ug/L	98
12) 1,1-Dichloroethene	4.039	96	154239	24.037	ug/L	96
13) Acetone	4.173	43	91219	44.162	ug/L #	100
14) Carbon disulfide	4.381	76	415123	19.836	ug/L	99
15) Methyl Acetate	4.686	43	69431	29.595	ug/L	97
16) Methylene chloride	4.917	84	169757	25.776	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	174822	25.275	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	330443	28.577	ug/L	98
19) 1,1-Dichloroethane	6.216	63	340405	26.337	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	202678	27.083	ug/L	97
22) 2-Butanone	7.191	43	118212	47.233	ug/L	98
23) Bromochloromethane	7.514	128	85463	28.635	ug/L	95
25) Chloroform	7.679	83	349001	27.359	ug/L	99

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 Response via : Initial Calibration

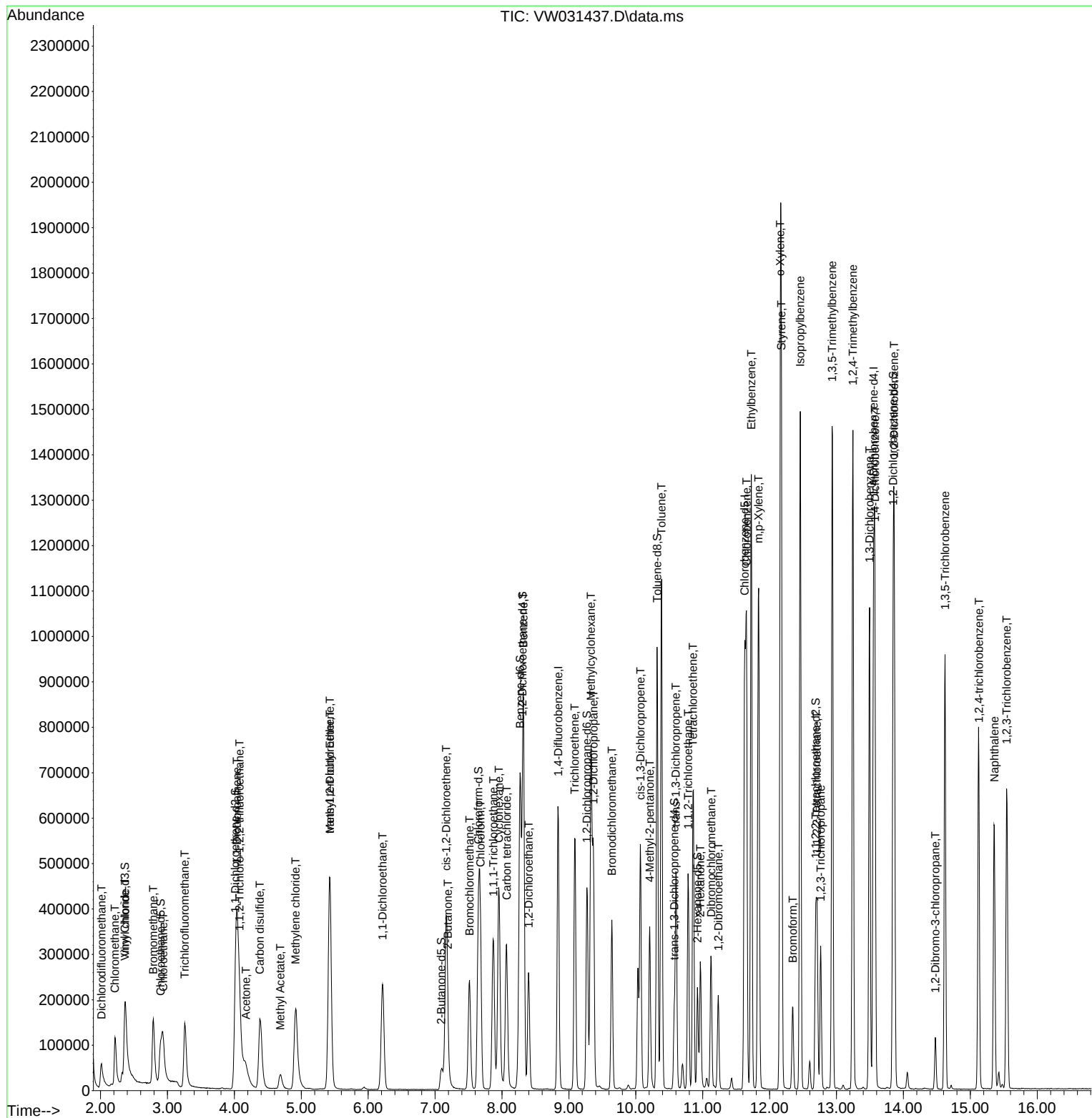
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	236750	29.521	ug/L	100
29) Cyclohexane	7.953	56	265494	20.521	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	275781	22.365	ug/L	98
31) Carbon tetrachloride	8.069	117	239568	21.807	ug/L	99
33) Benzene	8.319	78	747213	25.345	ug/L	100
34) Trichloroethene	9.087	95	203321	24.428	ug/L	85
35) Methylcyclohexane	9.331	83	319186	22.020	ug/L	96
37) 1,2-Dichloropropane	9.368	63	191285	26.008	ug/L	100
38) Bromodichloromethane	9.642	83	242142	25.325	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	304633	24.511	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	228509	58.562	ug/L	98
42) Toluene	10.386	91	823167	25.645	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	258475	25.471	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	145506	29.744	ug/L	96
46) Tetrachloroethene	10.855	164	147339	24.167	ug/L	94
48) 2-Hexanone	10.965	43	172218	51.894	ug/L	99
49) Dibromochloromethane	11.129	129	154206	26.593	ug/L	91
50) 1,2-Dibromoethane	11.233	107	138670	29.923	ug/L	96
51) Chlorobenzene	11.654	112	523111	25.993	ug/L	95
52) Ethylbenzene	11.727	91	935566	25.149	ug/L	98
53) m,p-Xylene	11.837	106	358337	25.303	ug/L	97
54) o-Xylene	12.160	106	349029	26.150	ug/L	94
55) Styrene	12.178	104	593917	26.751	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	173965	32.988	ug/L	97
59) Bromoform	12.349	173	82123	24.503	ug/L	100
60) Isopropylbenzene	12.459	105	946981	24.256	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	125775	30.809	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	809797	24.465	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	780382	24.393	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	416848	26.353	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	400249	25.538	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	363851	26.697	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	27724	26.761	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	284345	25.667	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	238063	25.833	ug/L	94
71) Naphthalene	15.360	128	506438	31.346	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	219481	29.560	ug/L	98

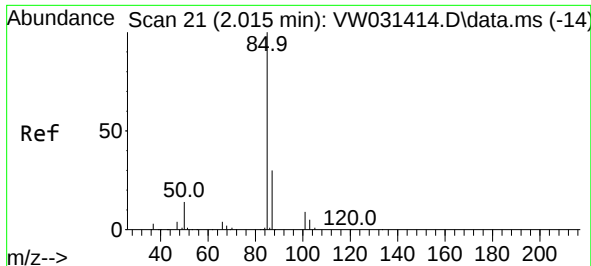
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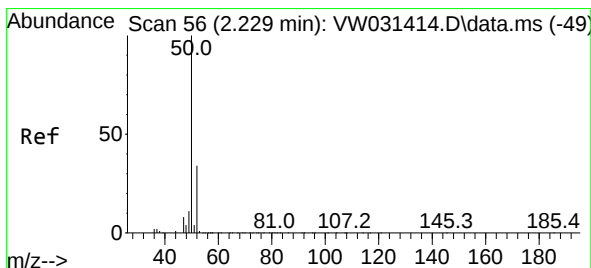
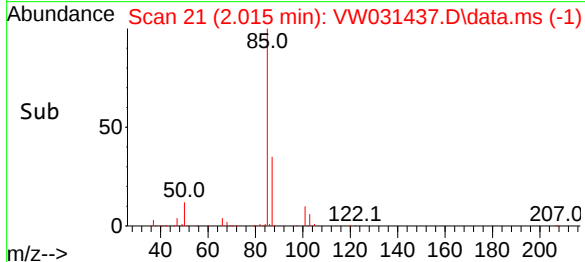
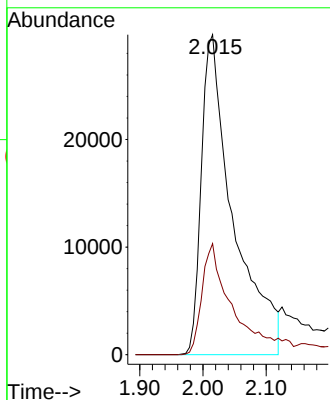
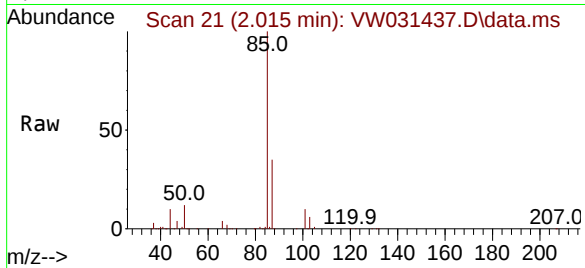




#2
 Dichlorodifluoromethane
 Concen: 22.001 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031437.D
 Acq: 20 Dec 2024 19:27

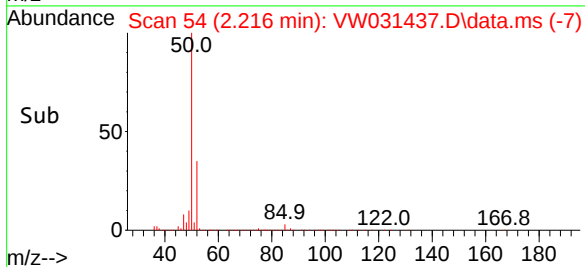
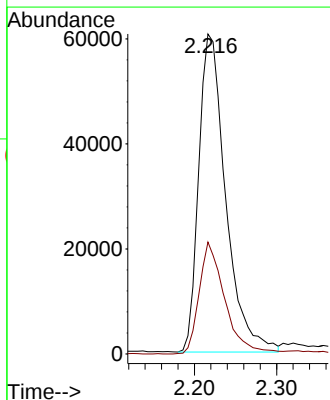
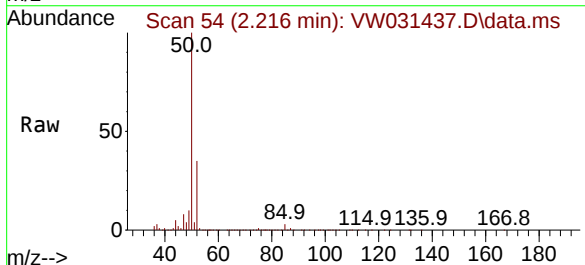
Instrument :
 MSVOA_W
 ClientSampleId :

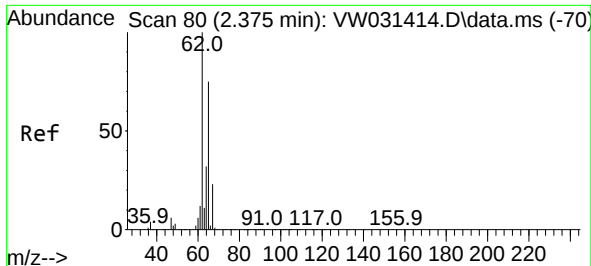
Tgt Ion: 85 Resp: 104078
 Ion Ratio Lower Upper
 85 100
 87 33.3 24.9 37.3



#3
 Chloromethane
 Concen: 25.971 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.012 min
 Lab File: VW031437.D
 Acq: 20 Dec 2024 19:27

Tgt Ion: 50 Resp: 138020
 Ion Ratio Lower Upper
 50 100
 52 35.0 22.0 41.0

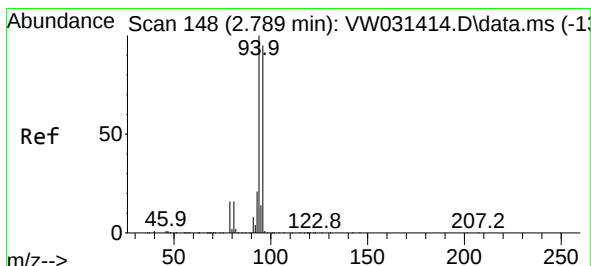
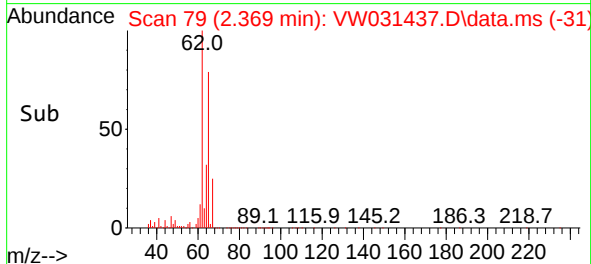
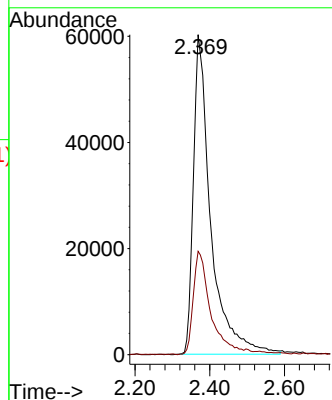
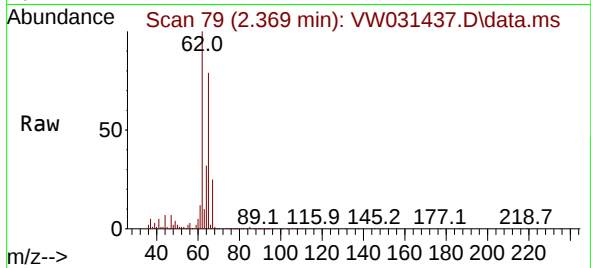




#5
 Vinyl chloride
 Concen: 26.348 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031437.D
 Acq: 20 Dec 2024 19:27

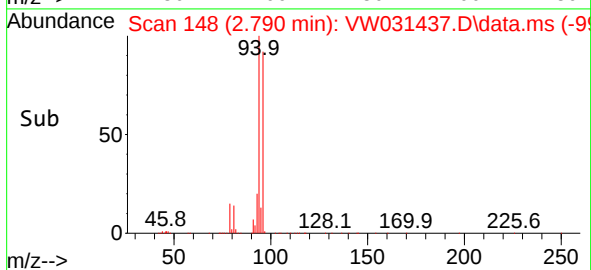
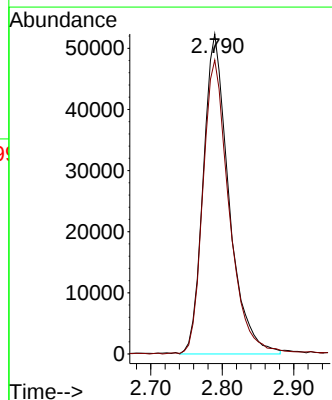
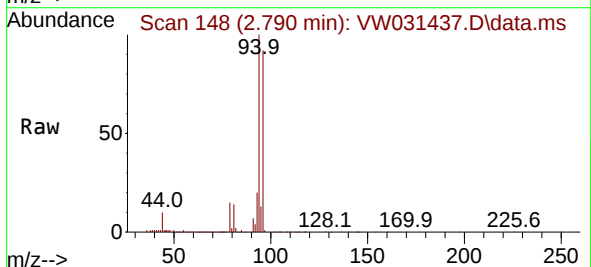
Instrument :
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 ClientSampleId :

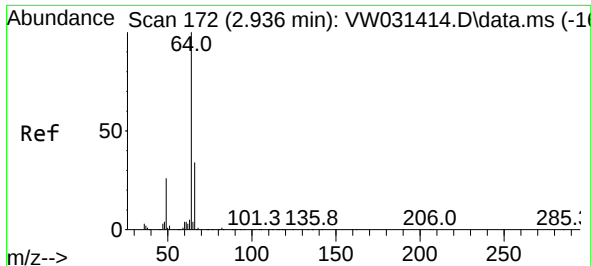
Tgt Ion: 62 Resp: 194051
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.1 44.8



#6
 Bromomethane
 Concen: 28.746 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031437.D
 Acq: 20 Dec 2024 19:27

Tgt Ion: 94 Resp: 130159
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.6 121.8

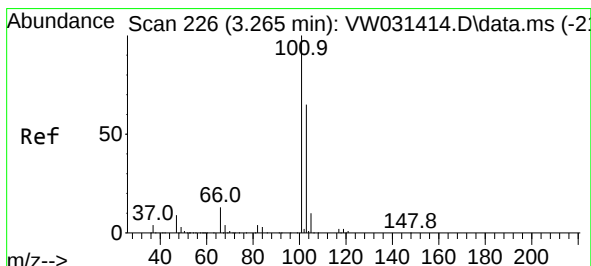
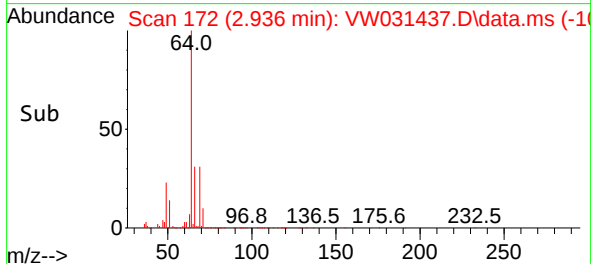
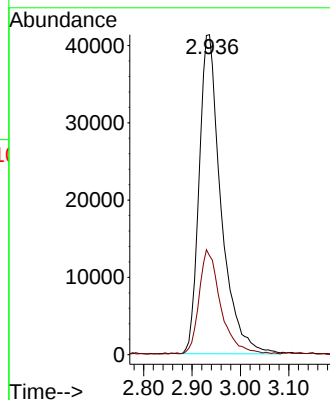
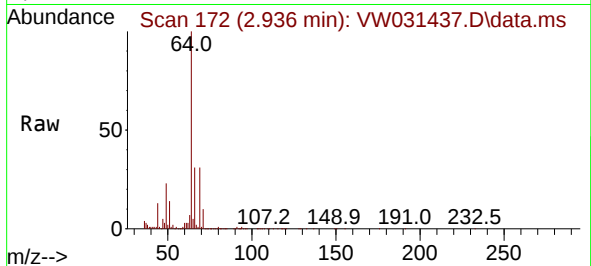




#8
Chloroethane
Concen: 29.552 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

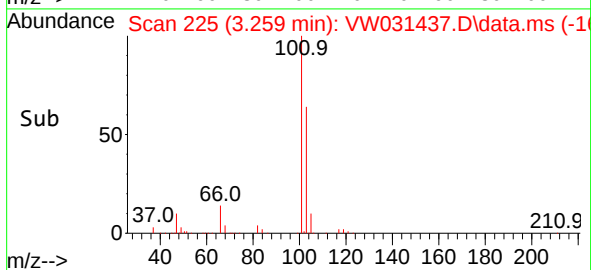
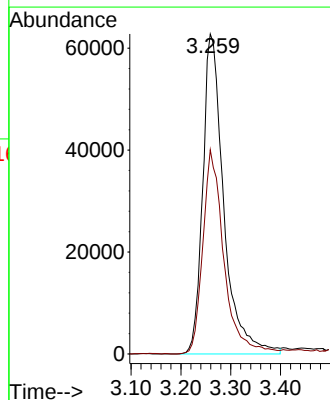
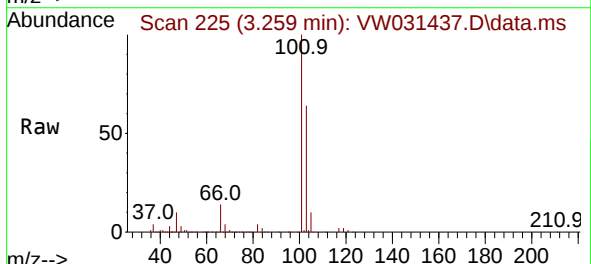
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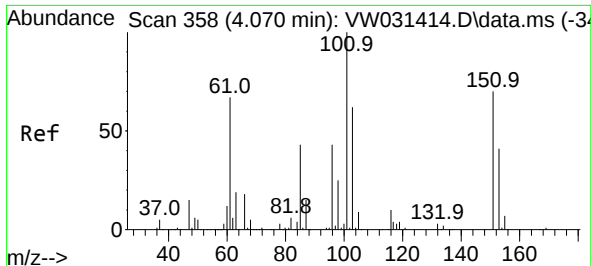
Tgt Ion: 64 Resp: 129434
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 23.450 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion:101 Resp: 183983
Ion Ratio Lower Upper
101 100
103 62.4 51.6 77.4

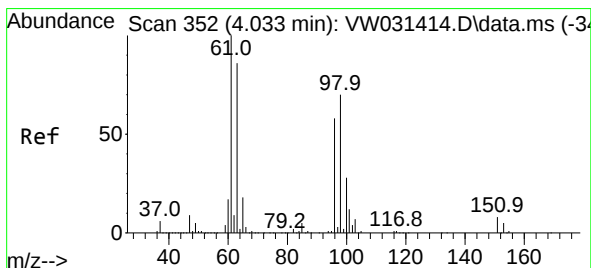
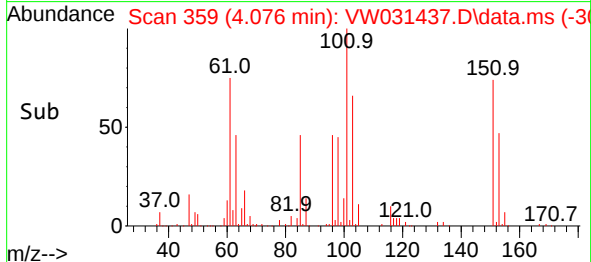
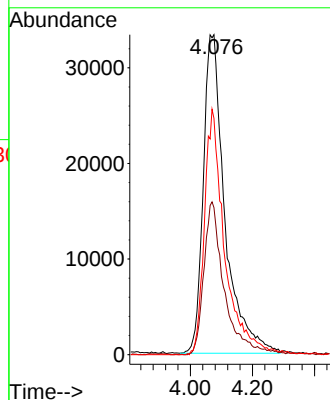
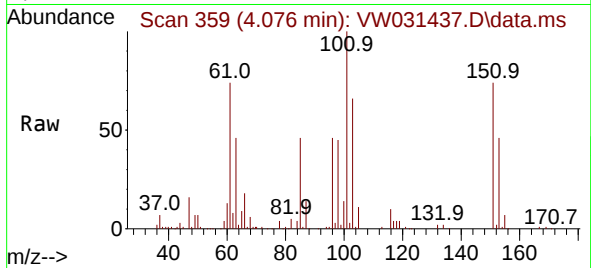




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.485 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW031437.D
 Acq: 20 Dec 2024 19:27

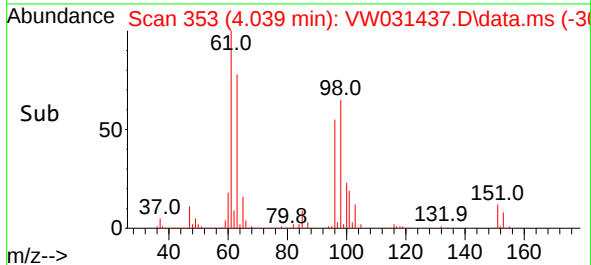
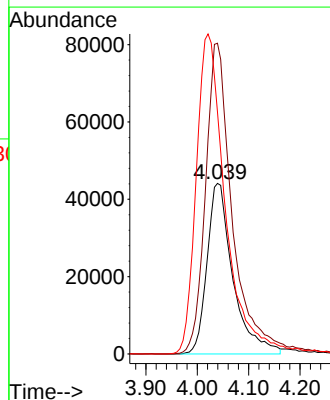
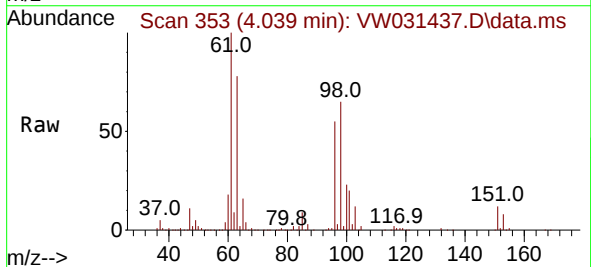
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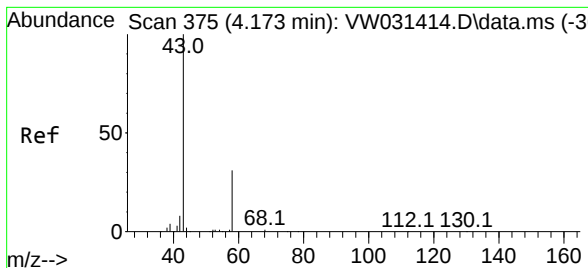
Tgt Ion:101 Resp: 161459
 Ion Ratio Lower Upper
 101 100
 85 43.9 33.0 49.4
 151 69.1 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.037 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW031437.D
 Acq: 20 Dec 2024 19:27

Tgt Ion: 96 Resp: 154239
 Ion Ratio Lower Upper
 96 100
 61 182.2 125.3 232.7
 63 141.9 104.6 194.2





#13

Acetone

Concen: 44.162 ug/L

RT: 4.173 min Scan# 31

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Instrument :

MSVOA_W

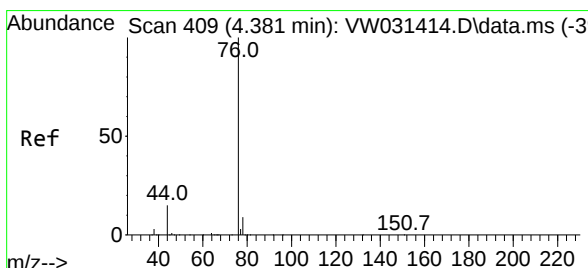
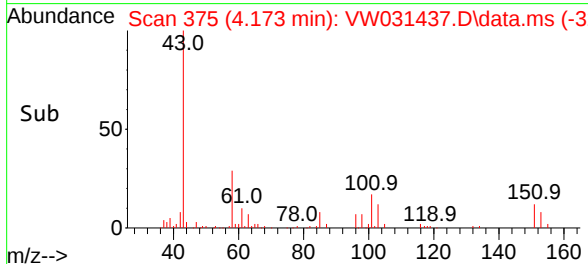
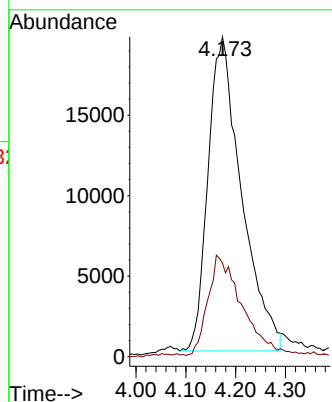
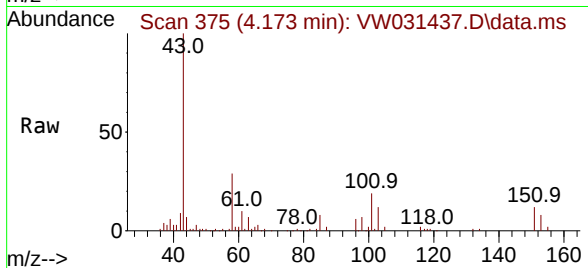
ClientSampleId :

Tgt Ion: 43 Resp: 91219

Ion Ratio Lower Upper

43 100

58 31.8 0.0 0.0#



#14

Carbon disulfide

Concen: 19.836 ug/L

RT: 4.381 min Scan# 409

Delta R.T. 0.000 min

Lab File: VW031437.D

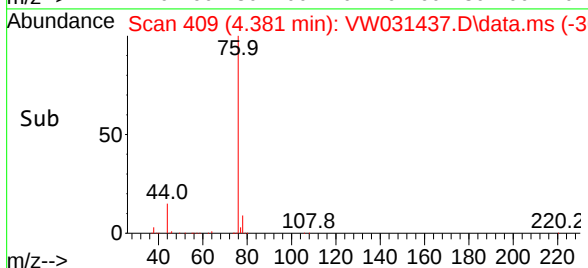
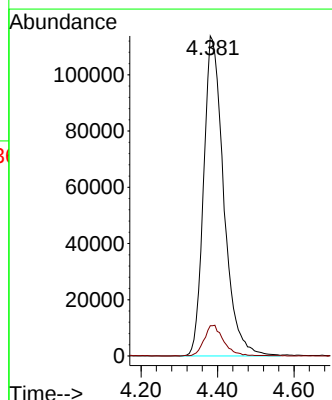
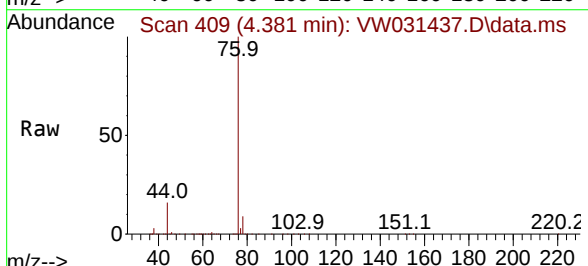
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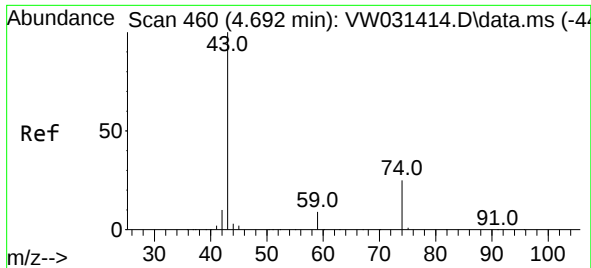
Tgt Ion: 76 Resp: 415123

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

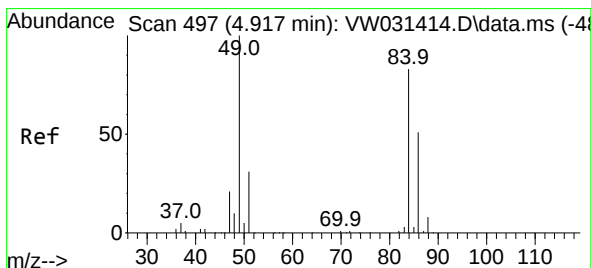
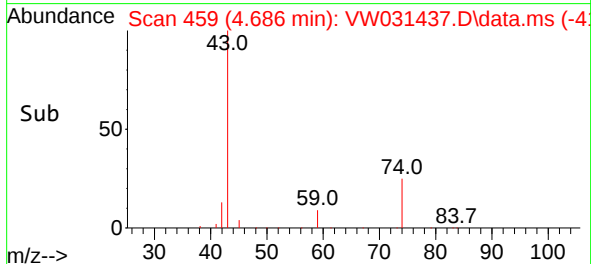
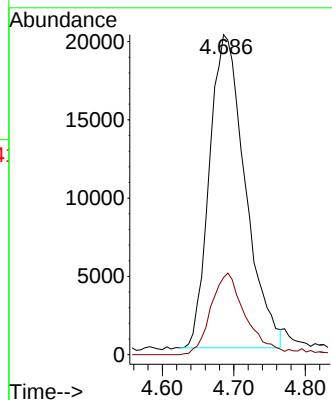
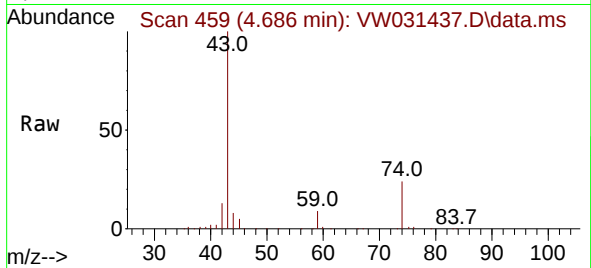




#15
Methyl Acetate
Concen: 29.595 ug/L
RT: 4.686 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

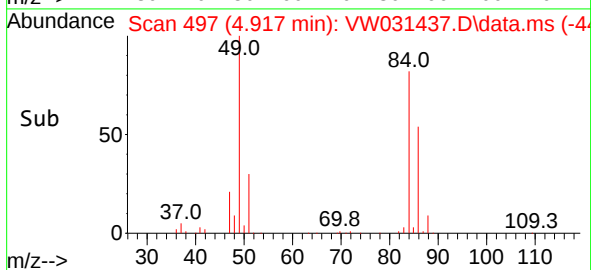
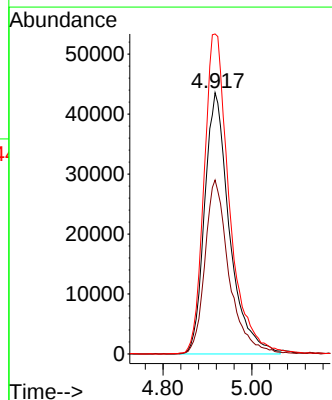
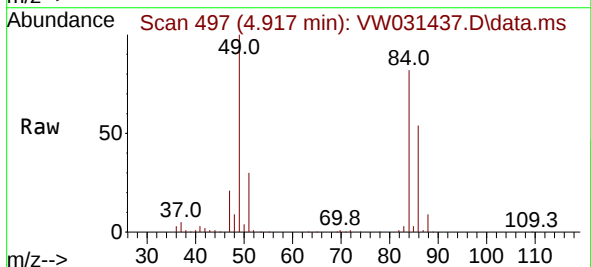
Instrument :
MSVOA_W
ClientSampleId :

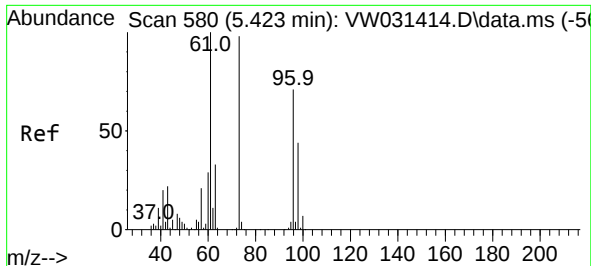
Tgt Ion: 43 Resp: 69431
Ion Ratio Lower Upper
43 100
74 25.1 18.9 28.3



#16
Methylene chloride
Concen: 25.776 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion: 84 Resp: 169757
Ion Ratio Lower Upper
84 100
86 66.6 44.7 82.9
49 122.5 88.3 164.1

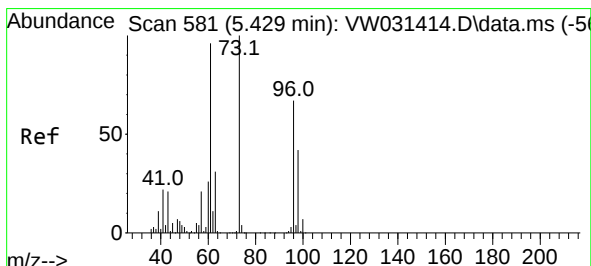
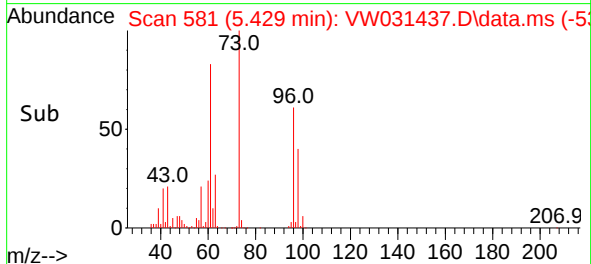
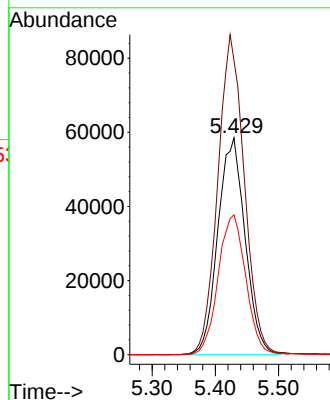
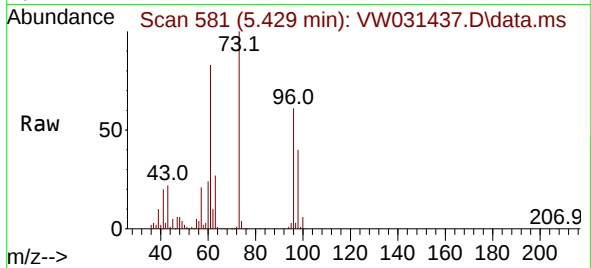




#17
trans-1,2-Dichloroethene
Concen: 25.275 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

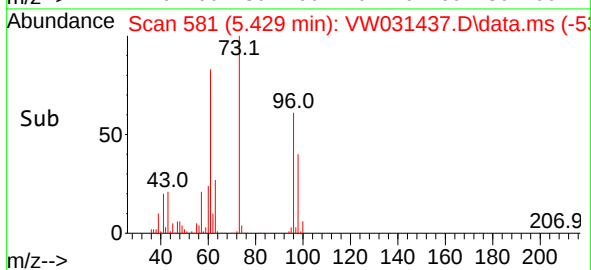
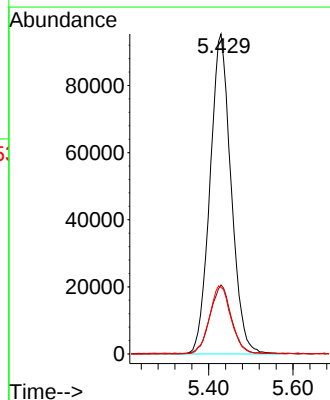
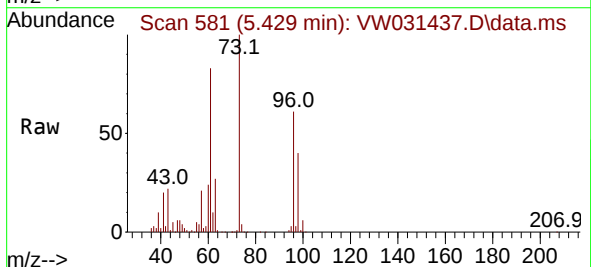
Instrument :
MSVOA_W
ClientSampleId :

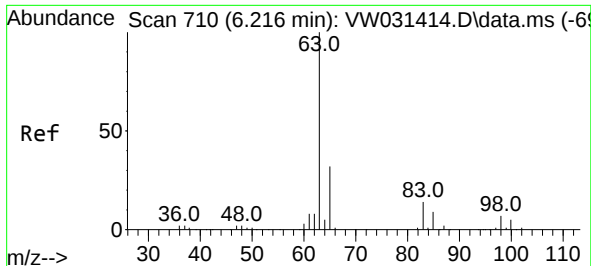
Tgt Ion: 96 Resp: 174822
Ion Ratio Lower Upper
96 100
61 135.8 100.7 187.1
98 64.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 28.577 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion: 73 Resp: 330443
Ion Ratio Lower Upper
73 100
43 21.6 17.9 26.9
57 21.6 17.9 26.9

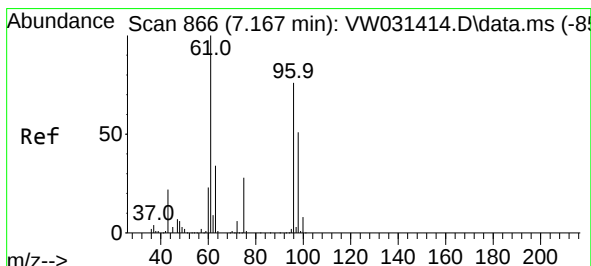
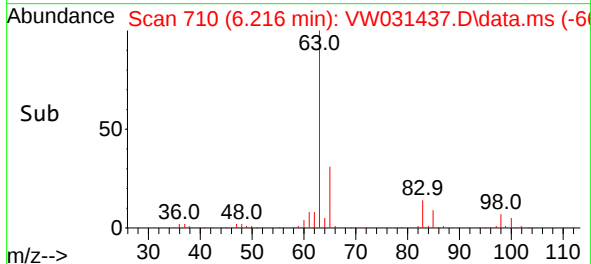
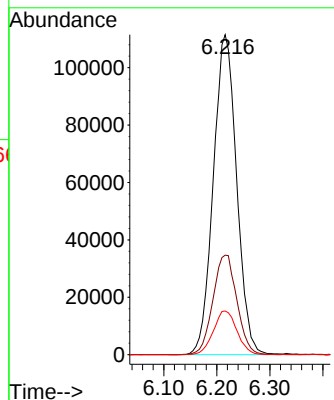
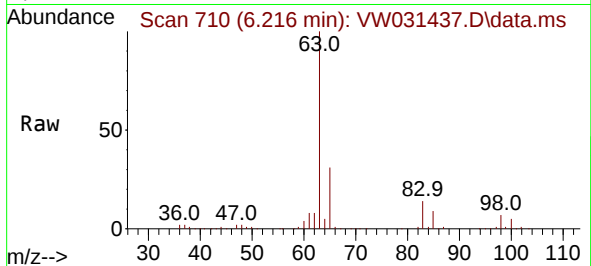




#19
1,1-Dichloroethane
Concen: 26.337 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

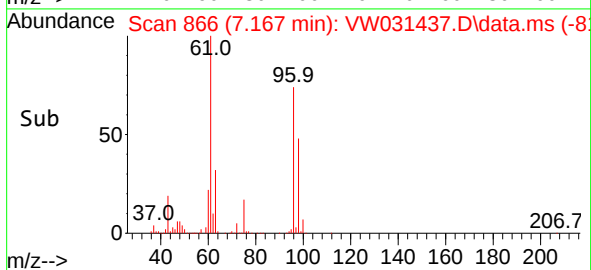
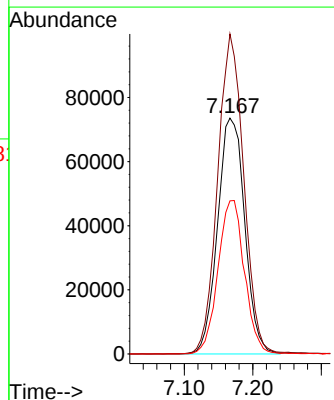
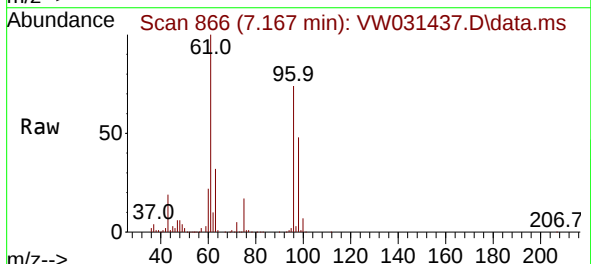
Instrument :
MSVOA_W
ClientSampleId :

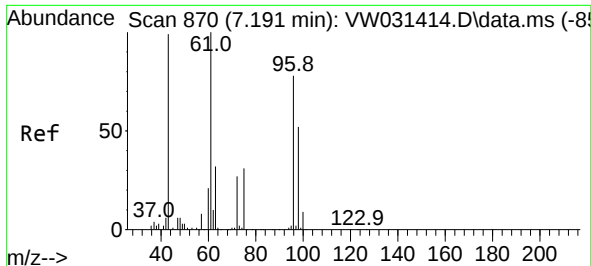
Tgt Ion: 63 Resp: 340405
Ion Ratio Lower Upper
63 100
65 31.1 21.9 40.7
83 13.7 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 27.083 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion: 96 Resp: 202678
Ion Ratio Lower Upper
96 100
61 135.7 92.2 171.2
98 65.0 43.7 81.1

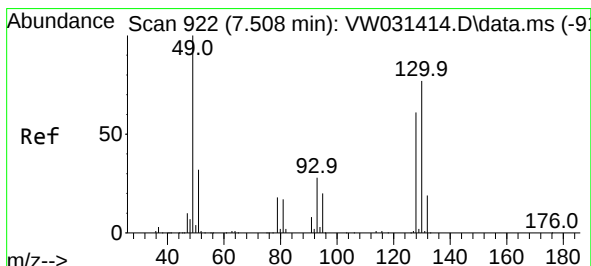
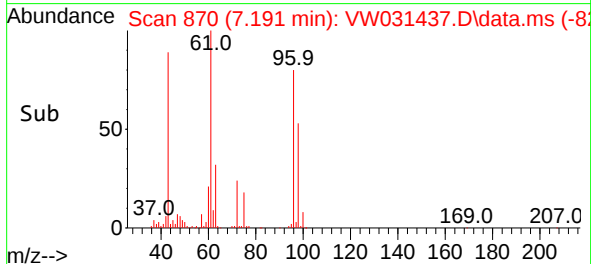
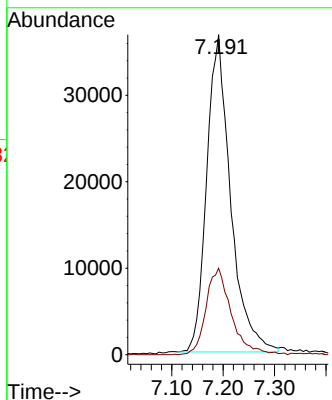
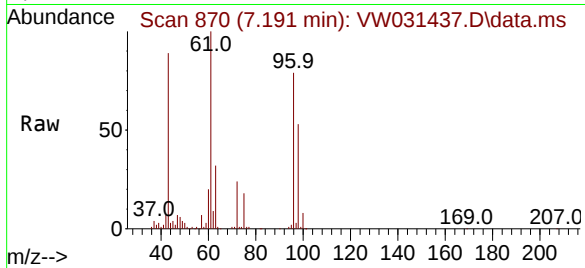




#22
2-Butanone
Concen: 47.233 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

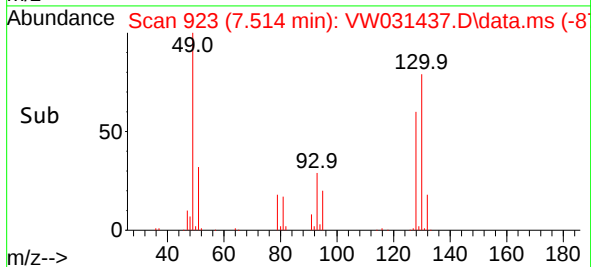
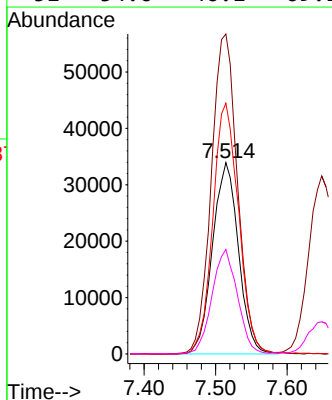
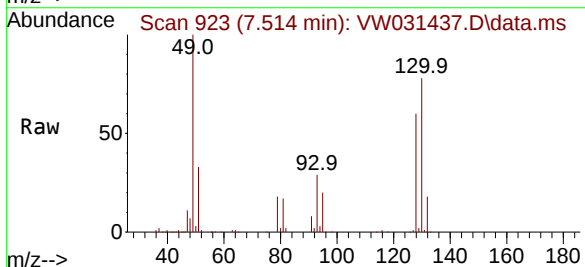
Instrument :
MSVOA_W
ClientSampleId :

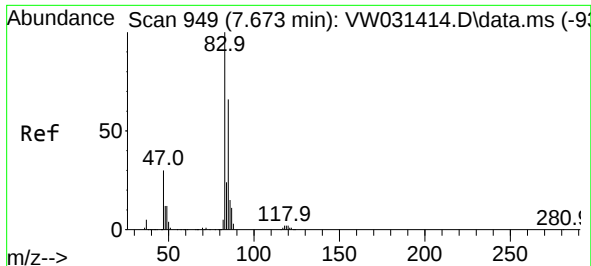
Tgt Ion: 43 Resp: 118212
Ion Ratio Lower Upper
43 100
72 27.7 13.3 39.8



#23
Bromochloromethane
Concen: 28.635 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion: 128 Resp: 85463
Ion Ratio Lower Upper
128 100
49 167.2 123.7 229.7
130 131.0 90.3 167.7
51 54.6 46.1 69.1

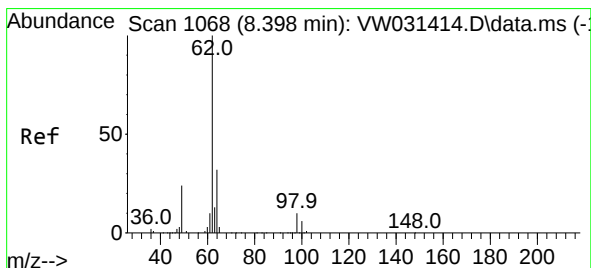
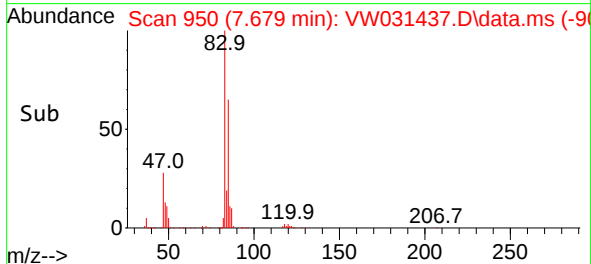
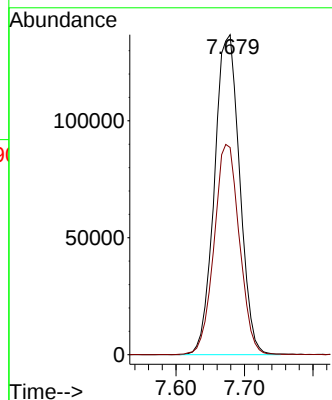
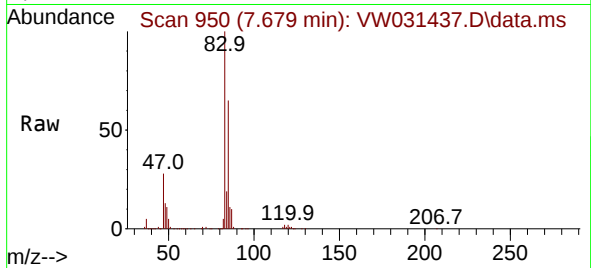




#25
Chloroform
Concen: 27.359 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

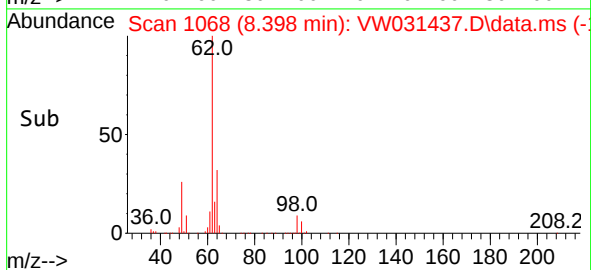
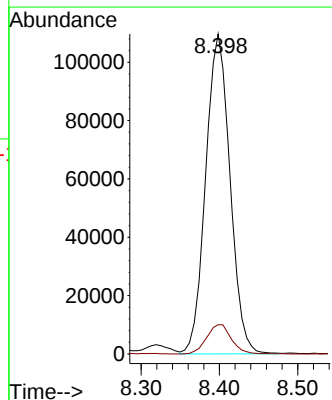
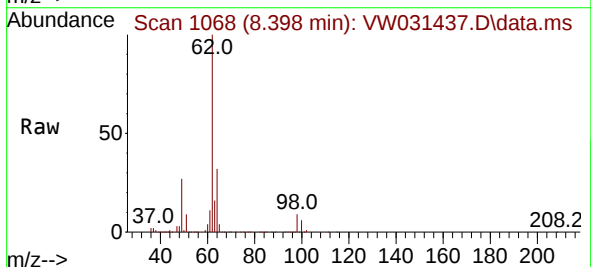
Instrument :
MSVOA_W
ClientSampleId :

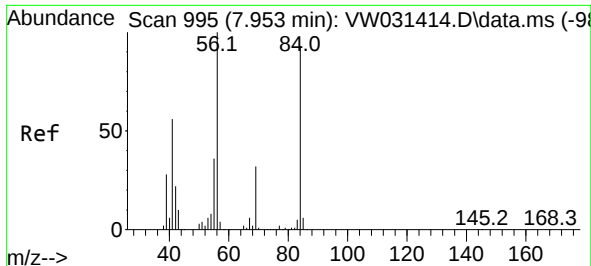
Tgt Ion: 83 Resp: 349001
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 29.521 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion: 62 Resp: 236750
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8

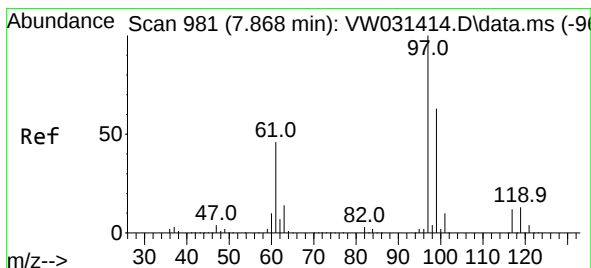
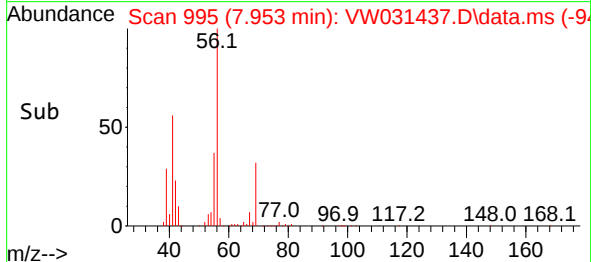
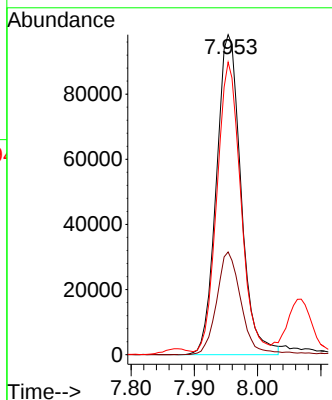
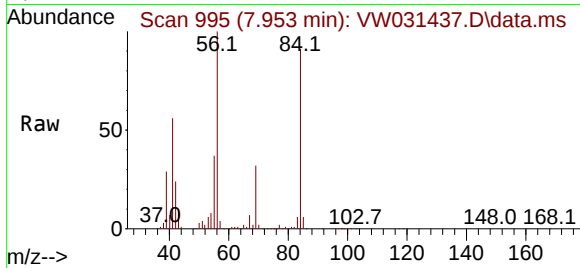




#29
Cyclohexane
Concen: 20.521 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

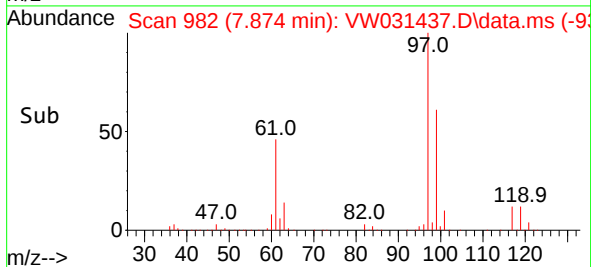
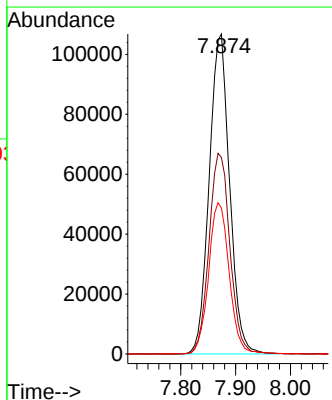
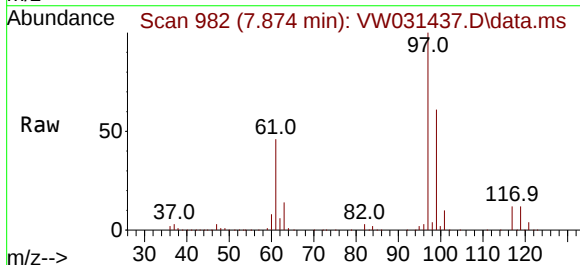
Instrument :
MSVOA_W
ClientSampleId :

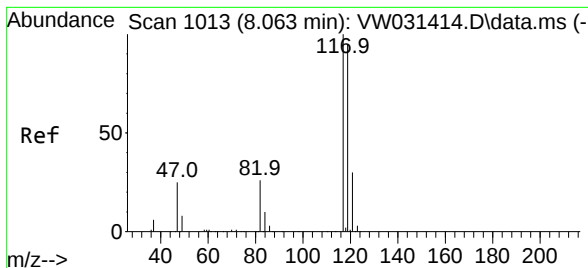
Tgt Ion: 56 Resp: 265494
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.4
84 88.6 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 22.365 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion: 97 Resp: 275781
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 47.8 36.3 54.5

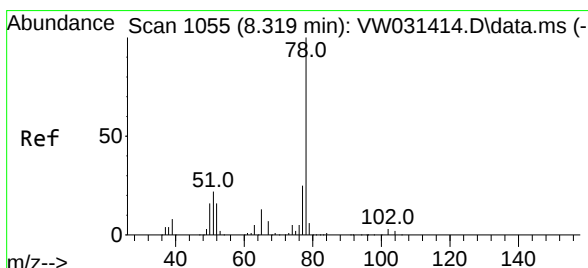
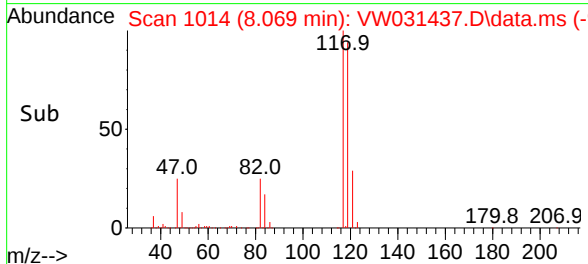
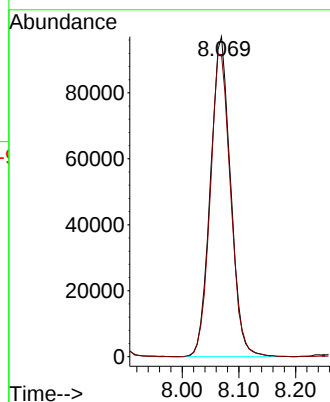
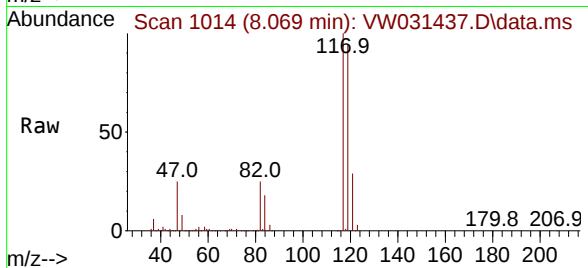




#31
Carbon tetrachloride
Concen: 21.807 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

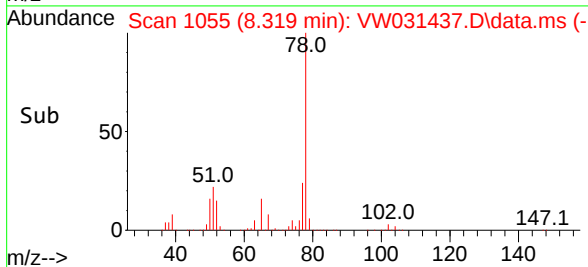
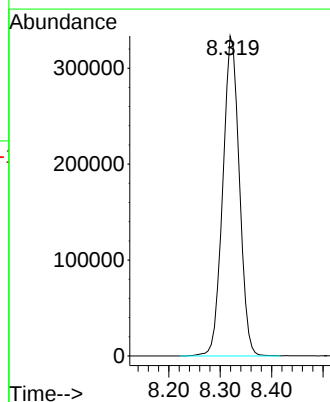
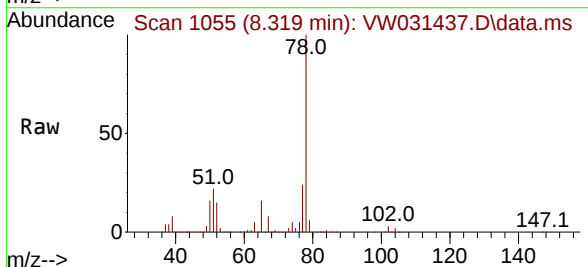
Instrument :
MSVOA_W
ClientSampleId :

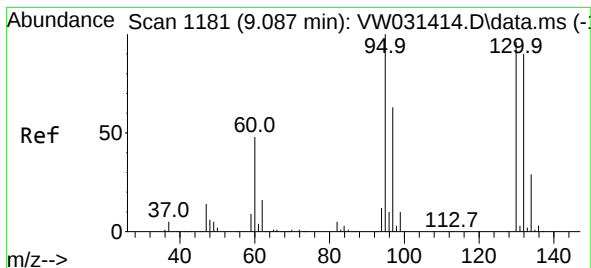
Tgt Ion:117 Resp: 239568
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 25.345 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion: 78 Resp: 747213





#34

Trichloroethene

Concen: 24.428 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 203321

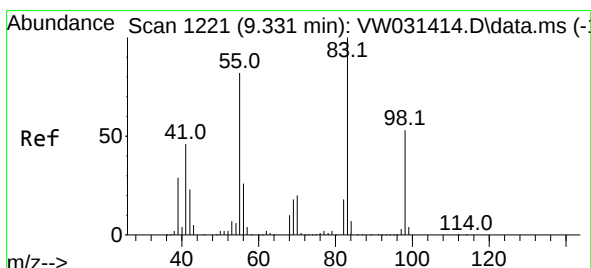
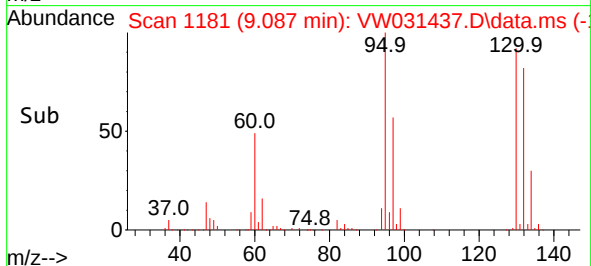
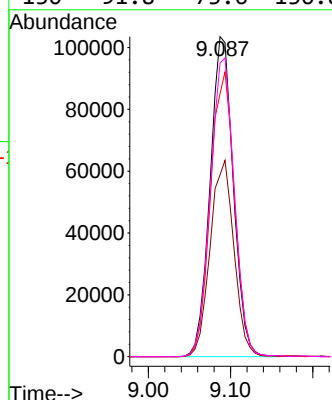
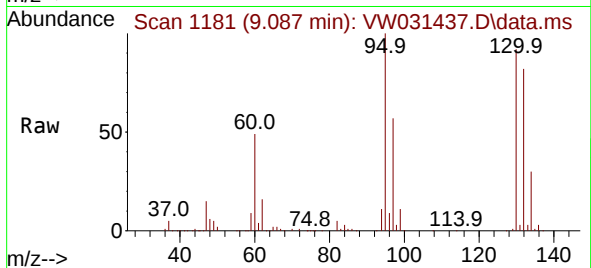
Ion Ratio Lower Upper

95 100

97 56.8 46.5 86.3

132 82.2 70.3 130.5

130 91.8 73.6 136.8



#35

Methylcyclohexane

Concen: 22.020 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

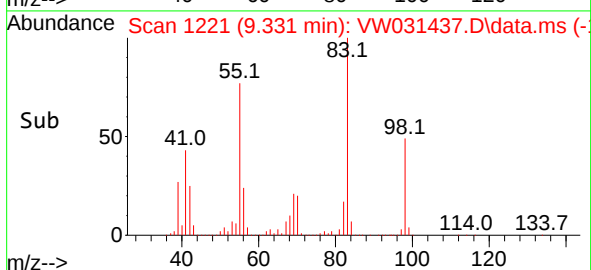
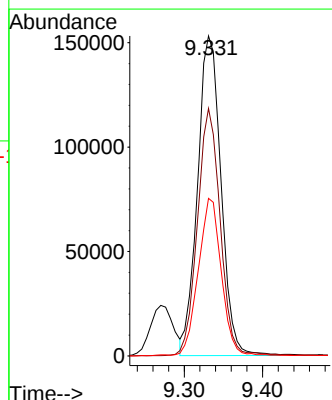
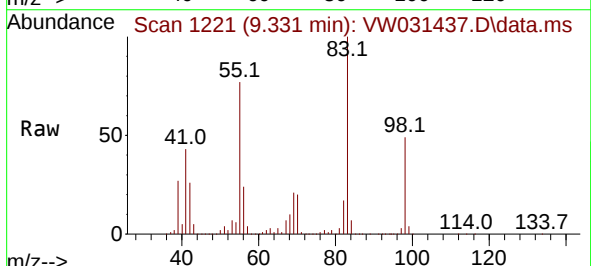
Tgt Ion: 83 Resp: 319186

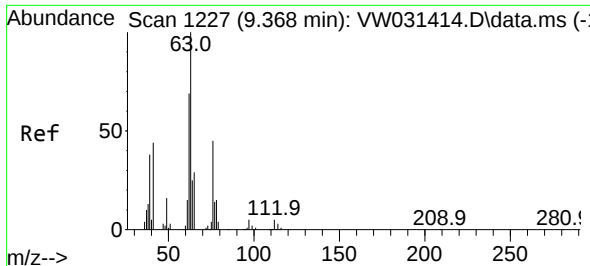
Ion Ratio Lower Upper

83 100

55 74.4 62.6 93.8

98 47.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 26.008 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Instrument :

MSVOA_W

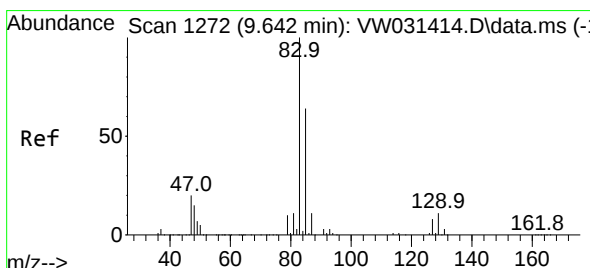
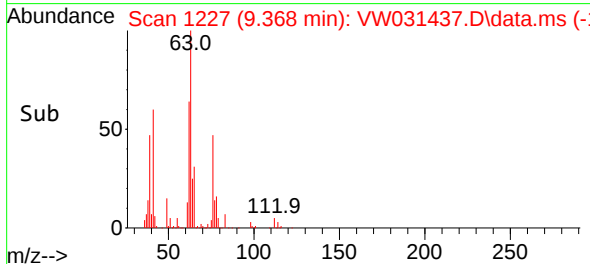
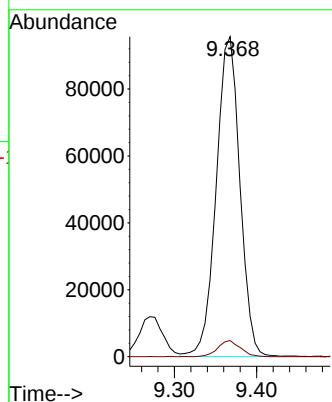
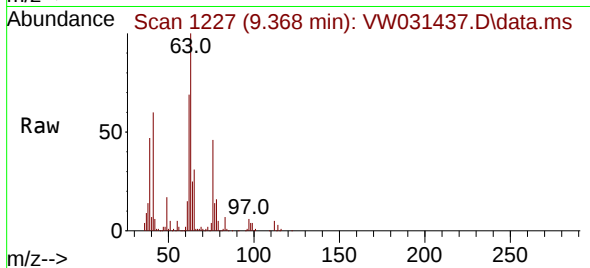
ClientSampleId :

Tgt Ion: 63 Resp: 191285

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.325 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

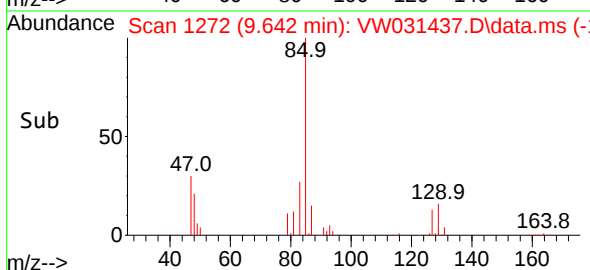
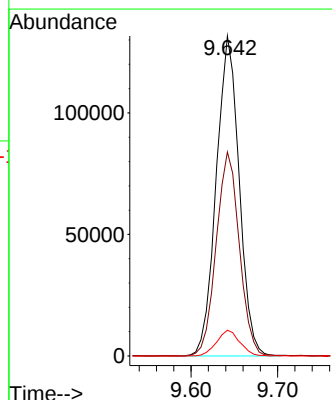
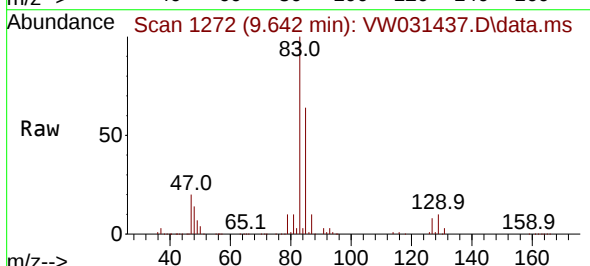
Tgt Ion: 83 Resp: 242142

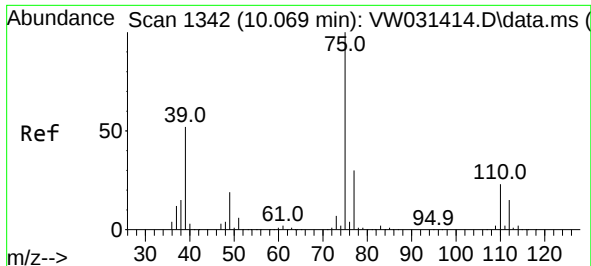
Ion Ratio Lower Upper

83 100

85 63.7 46.5 86.5

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.511 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Instrument :

MSVOA_W

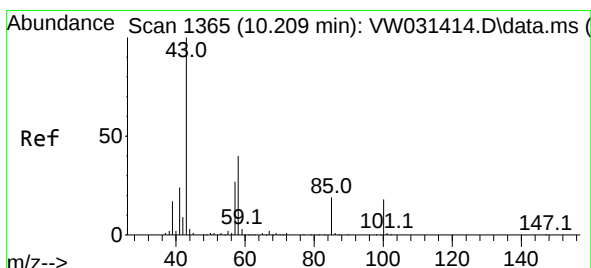
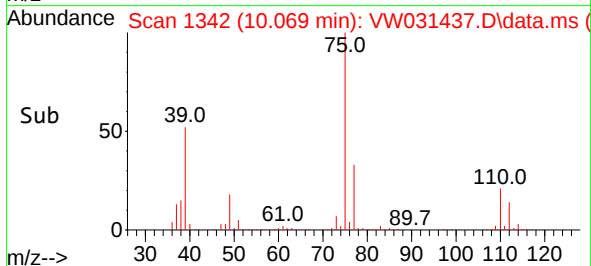
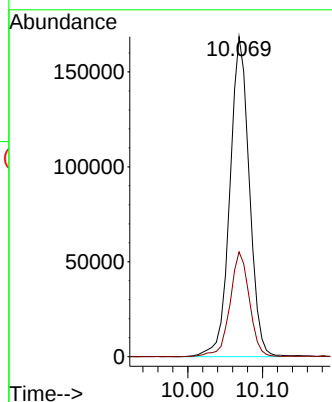
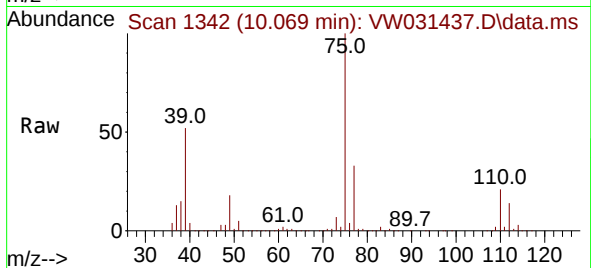
ClientSampleId :

Tgt Ion: 75 Resp: 304633

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 58.562 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

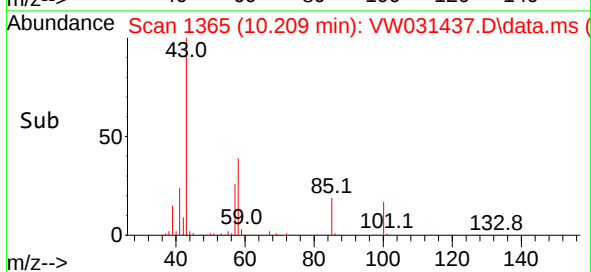
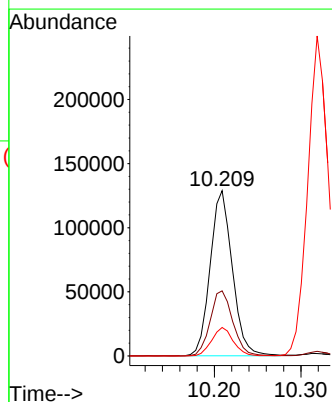
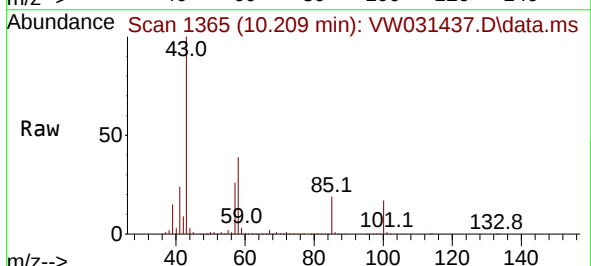
Tgt Ion: 43 Resp: 228509

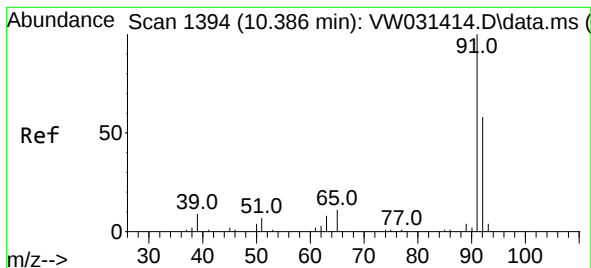
Ion Ratio Lower Upper

43 100

58 40.5 31.1 46.7

100 17.0 13.0 19.6





#42

Toluene

Concen: 25.645 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Instrument :

MSVOA_W

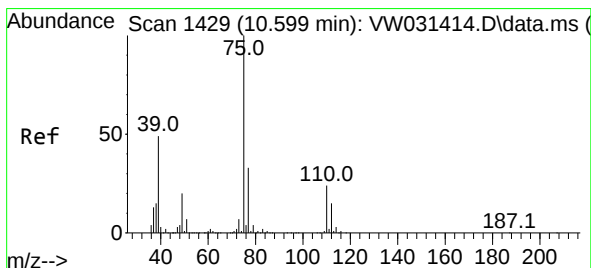
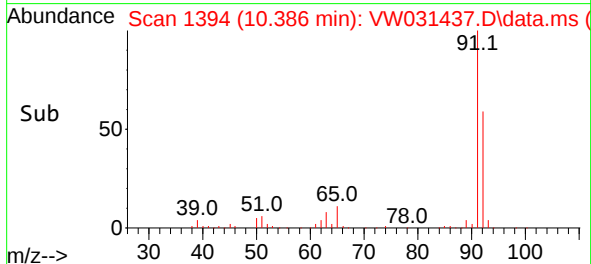
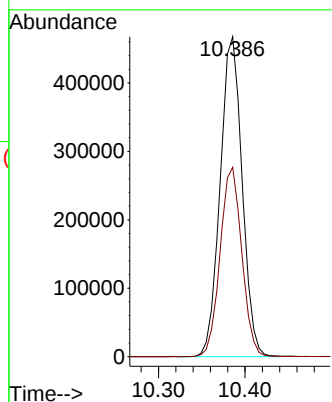
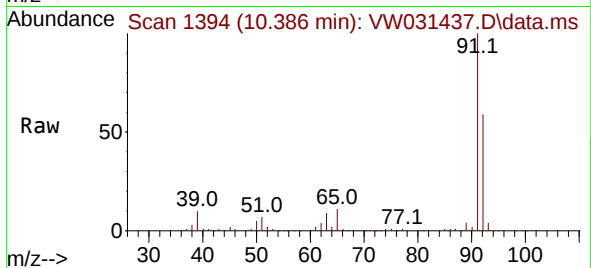
ClientSampleId :

Tgt Ion: 91 Resp: 823167

Ion Ratio Lower Upper

91 100

92 59.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 25.471 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VW031437.D

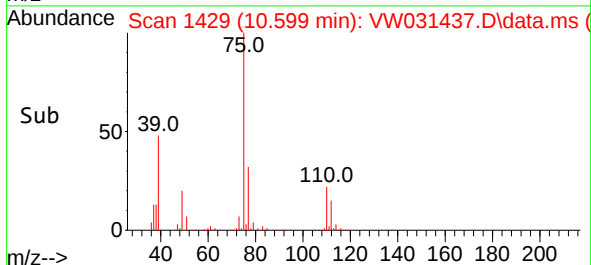
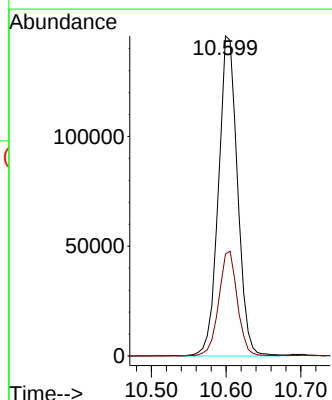
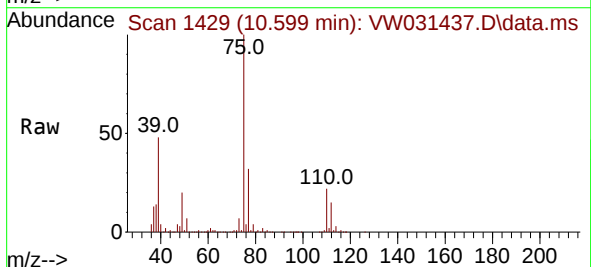
Acq: 20 Dec 2024 19:27

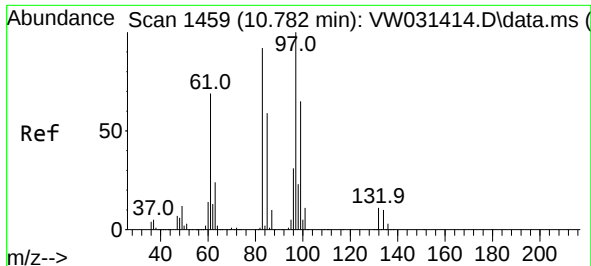
Tgt Ion: 75 Resp: 258475

Ion Ratio Lower Upper

75 100

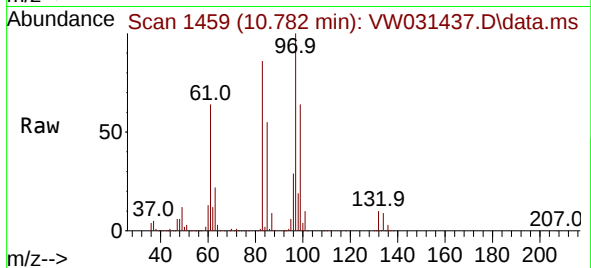
77 31.8 21.2 39.4



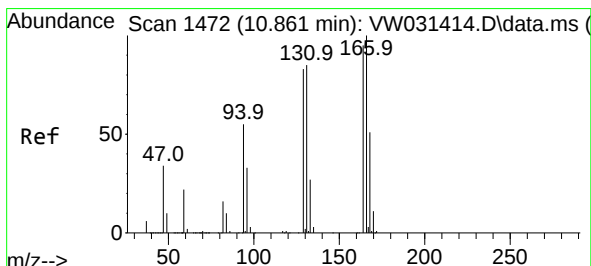
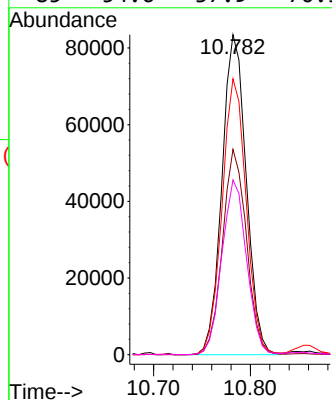
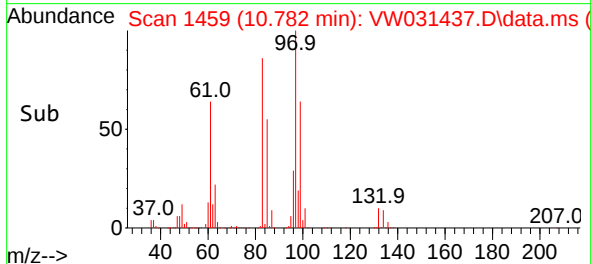


#45
1,1,2-Trichloroethane
Concen: 29.744 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

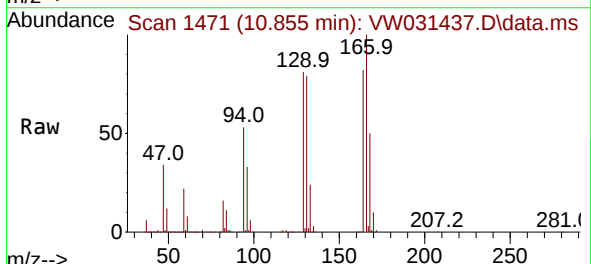
Instrument :
MSVOA_W
ClientSampleId :



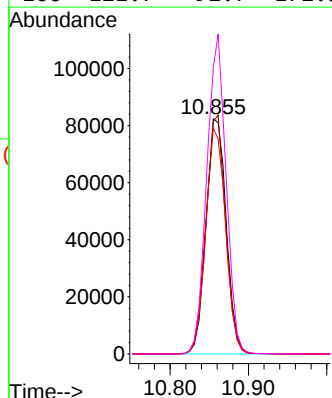
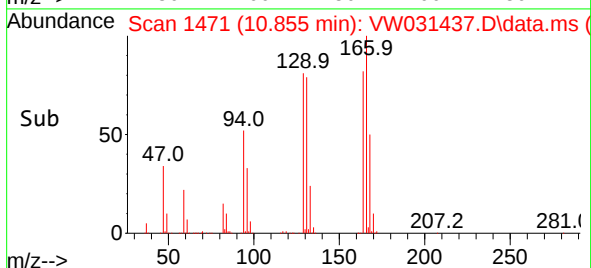
Tgt Ion:	97	Resp:	145506
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.0	80.0
83	86.2	56.4	104.7
85	54.6	37.9	70.3

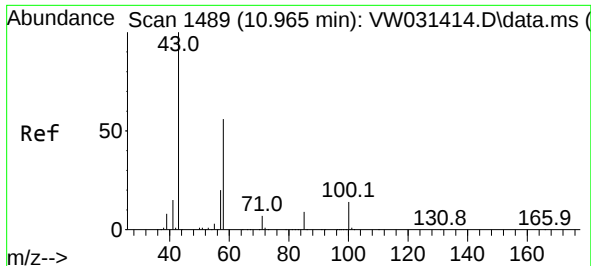


#46
Tetrachloroethene
Concen: 24.167 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27



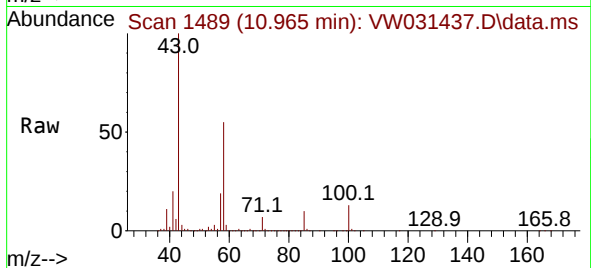
Tgt Ion:	164	Resp:	147339
Ion	Ratio	Lower	Upper
164	100		
129	99.0	73.5	136.5
131	96.0	66.6	123.8
166	121.7	92.7	172.3



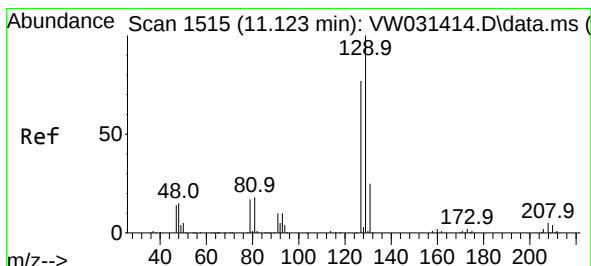
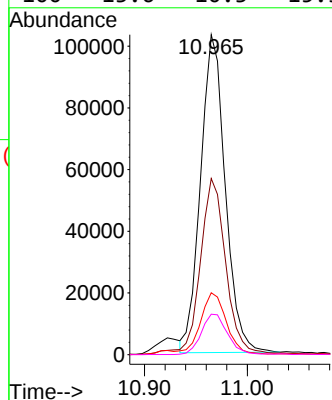
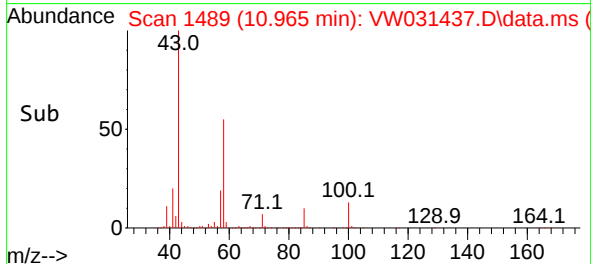


#48
2-Hexanone
Concen: 51.894 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Instrument :
MSVOA_W
ClientSampleId :

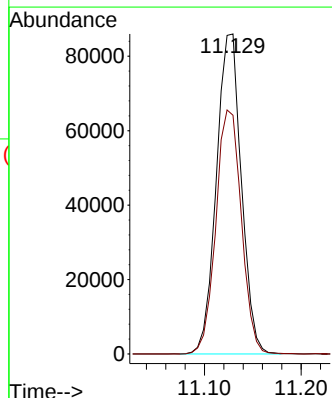
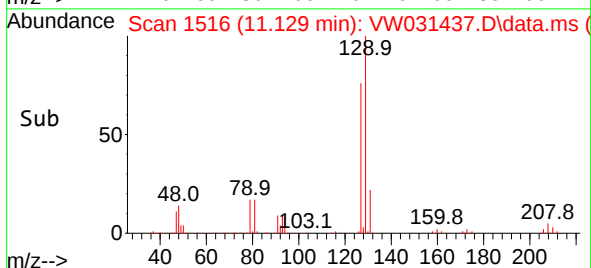
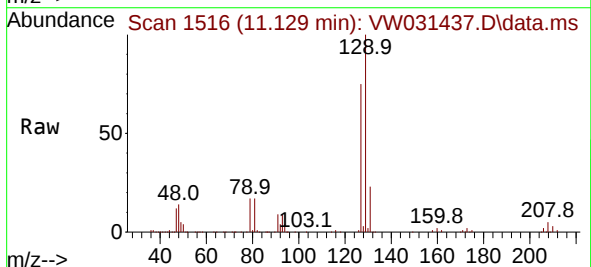


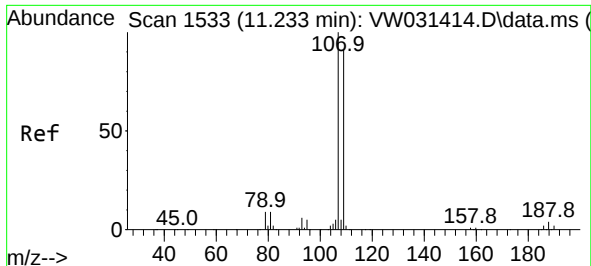
Tgt Ion:	43	Resp:	172218
Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.0	64.6
57	20.0	15.7	23.5
100	13.6	10.3	15.5



#49
Dibromochloromethane
Concen: 26.593 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion:	129	Resp:	154206
Ion	Ratio	Lower	Upper
129	100		
127	74.6	57.6	107.0





#50

1,2-Dibromoethane

Concen: 29.923 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Instrument :

MSVOA_W

ClientSampleId :

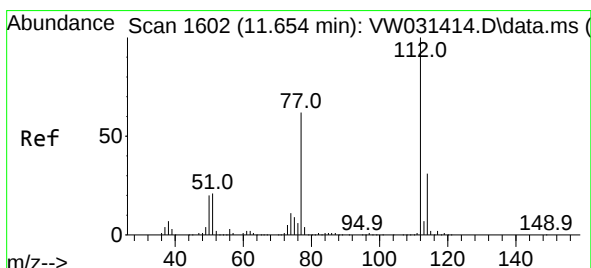
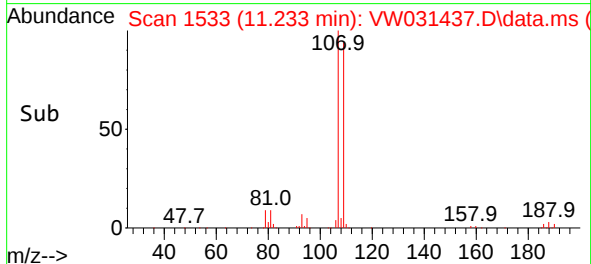
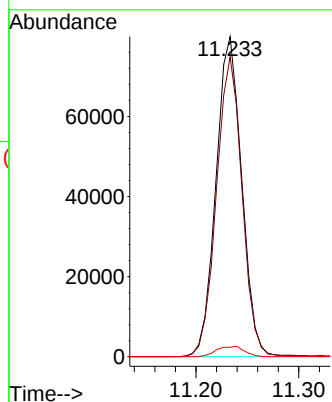
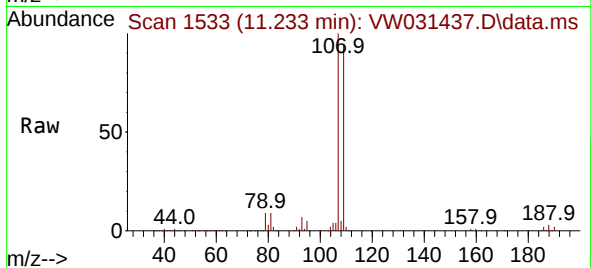
Tgt Ion:107 Resp: 138670

Ion Ratio Lower Upper

107 100

109 93.7 63.2 117.4

188 2.9 2.6 4.0



#51

Chlorobenzene

Concen: 25.993 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

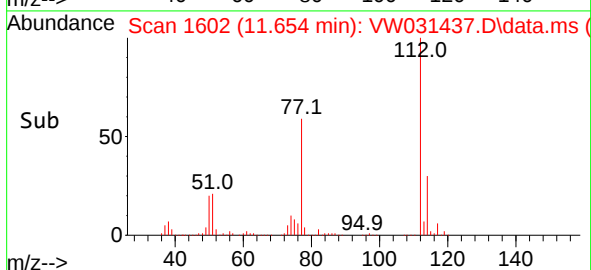
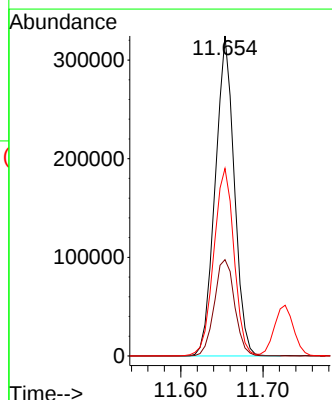
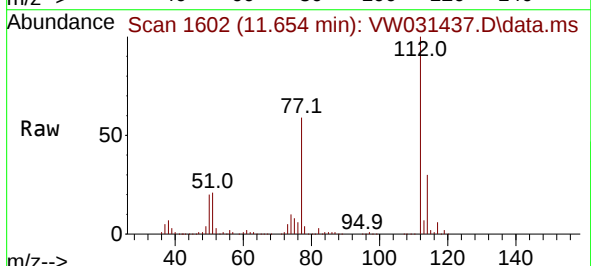
Tgt Ion:112 Resp: 523111

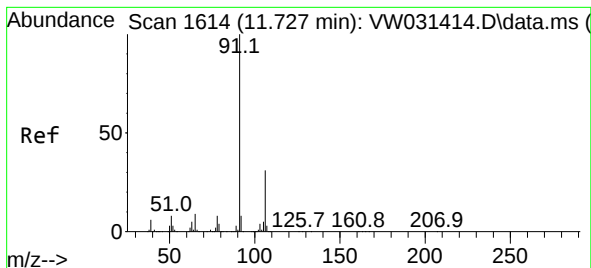
Ion Ratio Lower Upper

112 100

114 30.1 22.7 42.3

77 58.6 50.2 75.4

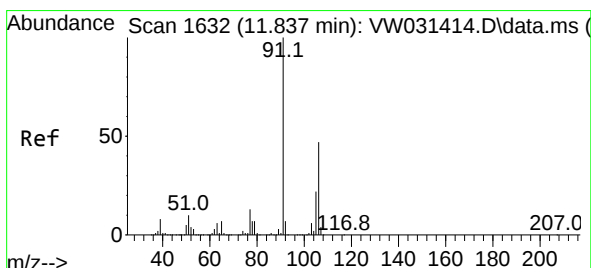
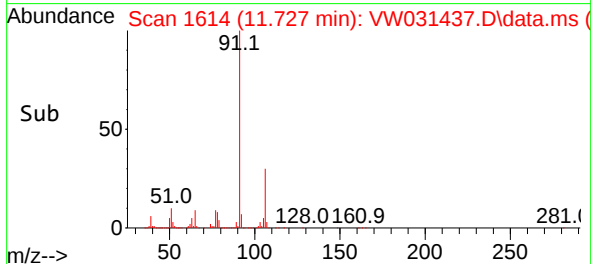
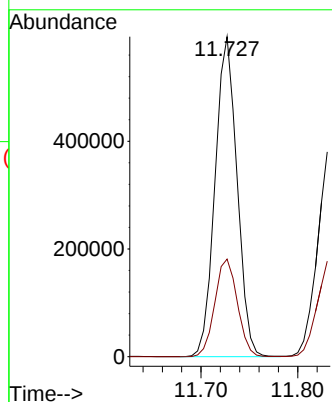
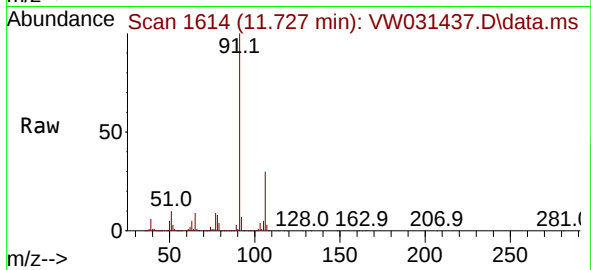




#52
Ethylbenzene
Concen: 25.149 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

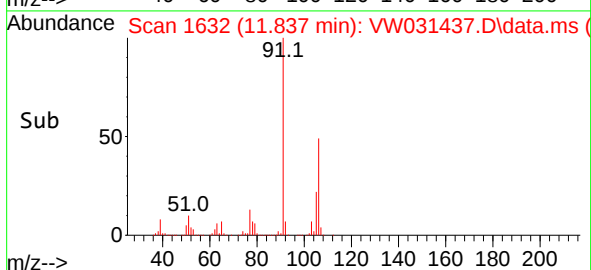
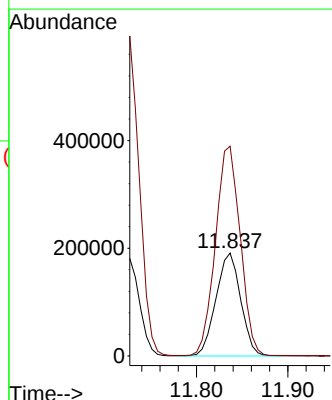
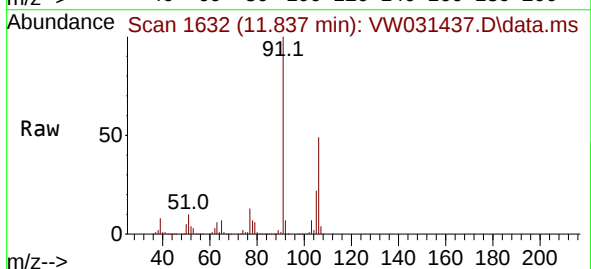
Instrument :
MSVOA_W
ClientSampleId :

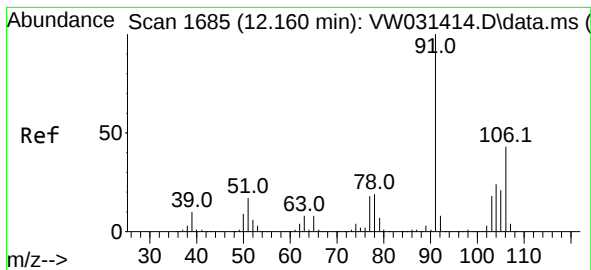
Tgt Ion: 91 Resp: 935566
Ion Ratio Lower Upper
91 100
106 30.5 20.7 38.5



#53
m,p-Xylene
Concen: 25.303 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion:106 Resp: 358337
Ion Ratio Lower Upper
106 100
91 203.8 139.9 259.7





#54

o-Xylene

Concen: 26.150 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Instrument :

MSVOA_W

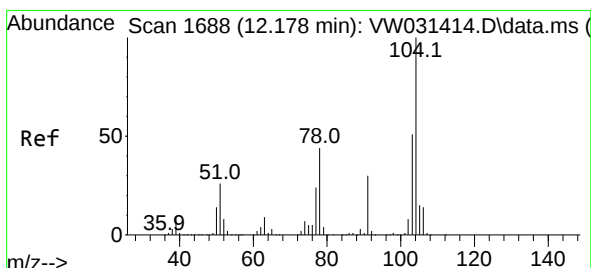
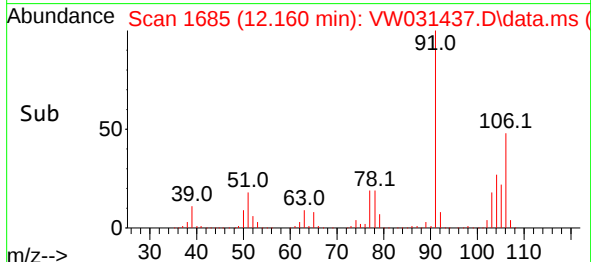
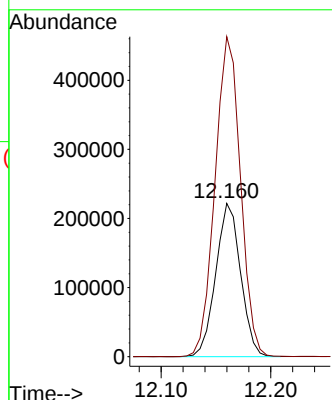
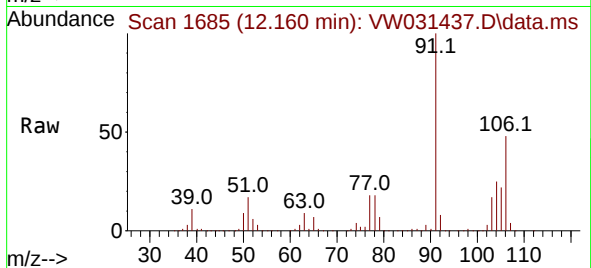
ClientSampleId :

Tgt Ion:106 Resp: 349029

Ion Ratio Lower Upper

106 100

91 208.7 153.1 284.3



#55

Styrene

Concen: 26.751 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031437.D

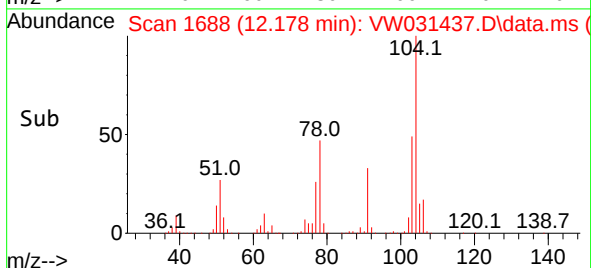
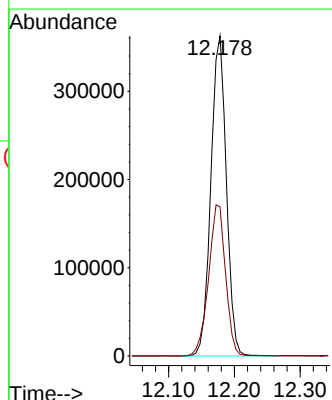
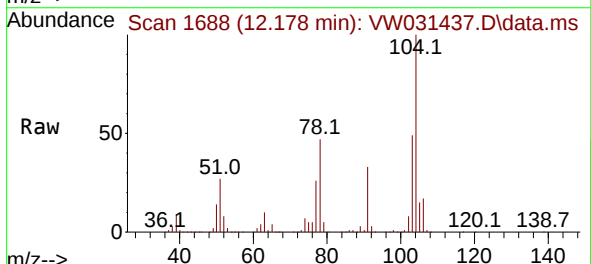
Acq: 20 Dec 2024 19:27

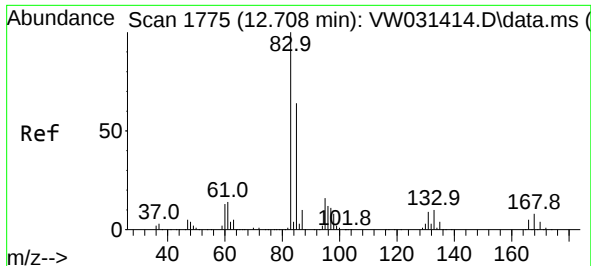
Tgt Ion:104 Resp: 593917

Ion Ratio Lower Upper

104 100

78 46.6 31.4 58.4

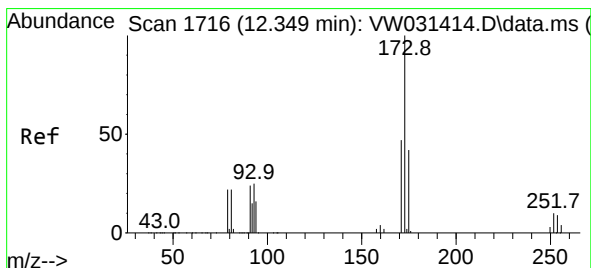
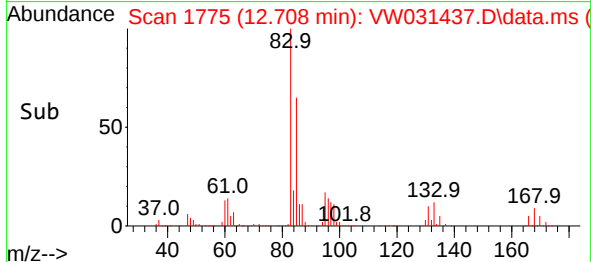
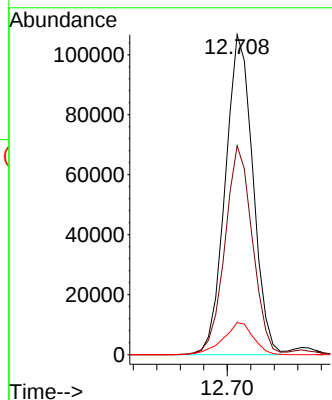
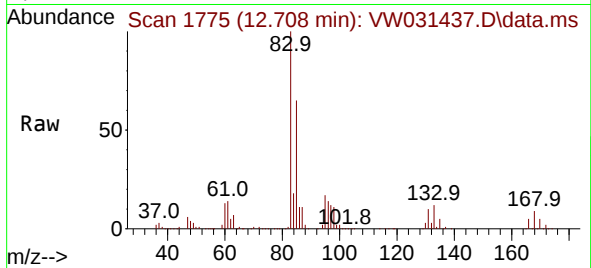




#57
1,1,2,2-Tetrachloroethane
Concen: 32.988 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

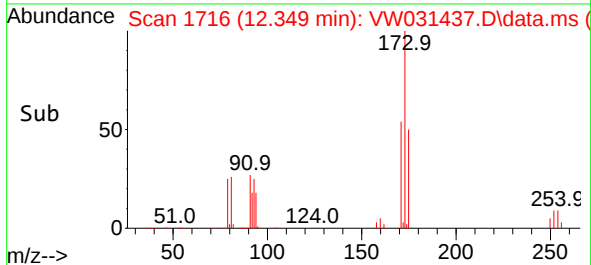
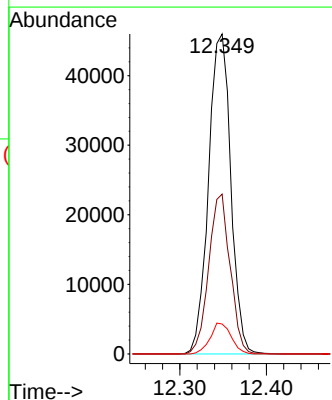
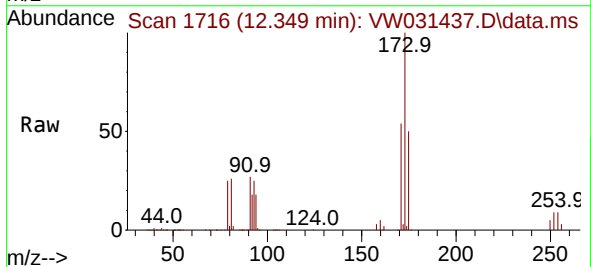
Instrument :
MSVOA_W
ClientSampleId :

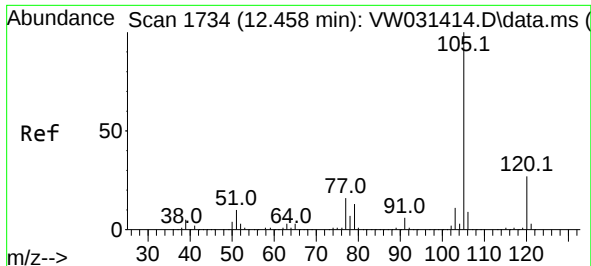
Tgt Ion: 83 Resp: 173965
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
131 10.1 7.9 11.9



#59
Bromoform
Concen: 24.503 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

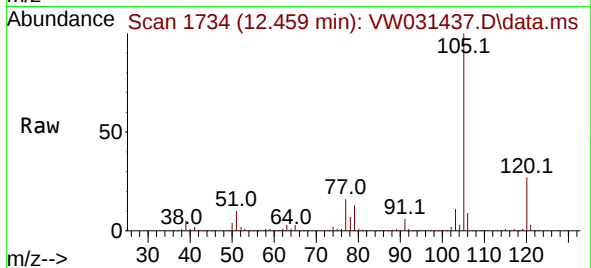
Tgt Ion:173 Resp: 82123
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
254 9.1 7.6 11.4



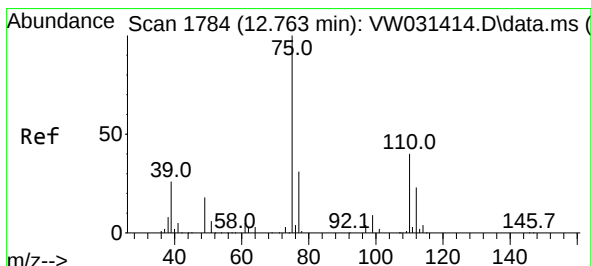
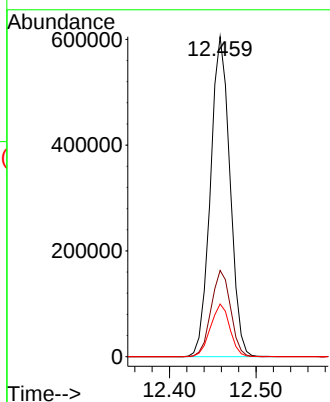
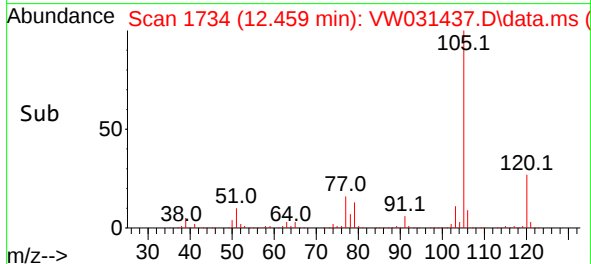


#60
Isopropylbenzene
Concen: 24.256 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

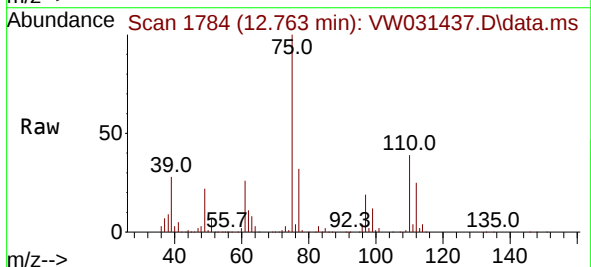
Instrument :
MSVOA_W
ClientSampleId :



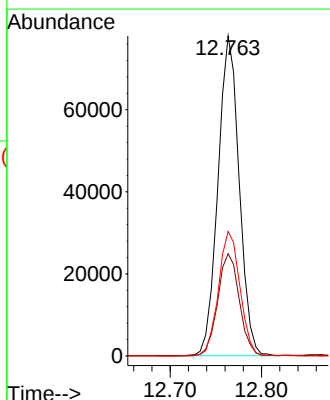
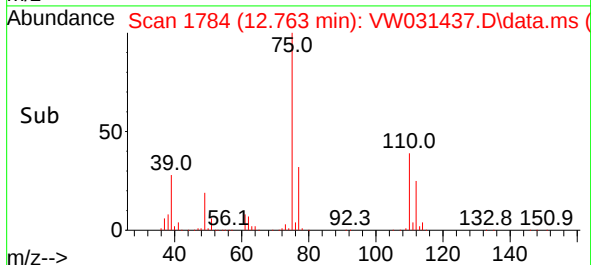
Tgt Ion:105 Resp: 946981
Ion Ratio Lower Upper
105 100
120 26.9 20.6 31.0
77 16.2 12.8 19.2

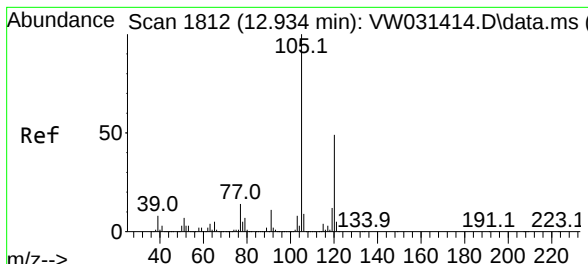


#61
1,2,3-Trichloropropane
Concen: 30.809 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27



Tgt Ion: 75 Resp: 125775
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
110 39.4 31.2 46.8

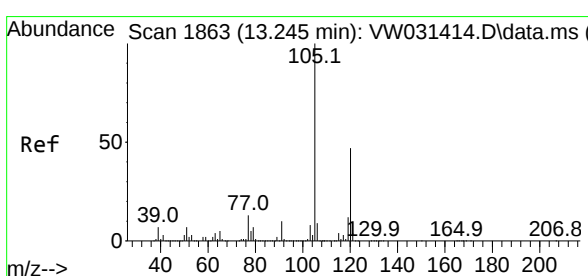
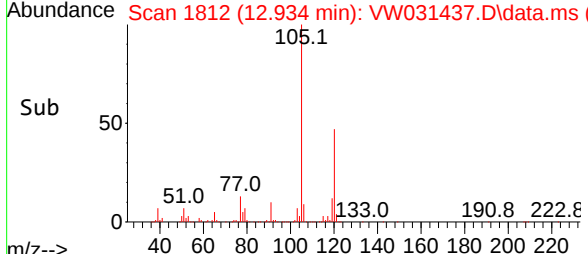
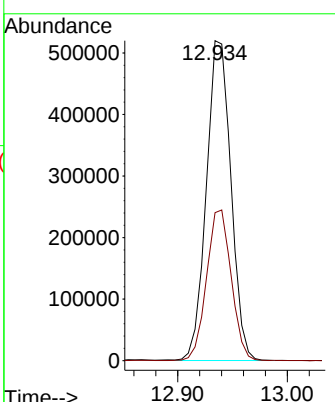
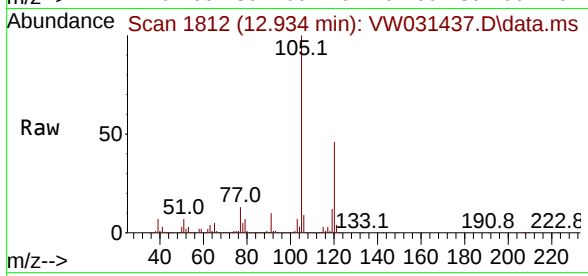




#62
 1,3,5-Trimethylbenzene
 Concen: 24.465 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: VW031437.D
 Acq: 20 Dec 2024 19:27

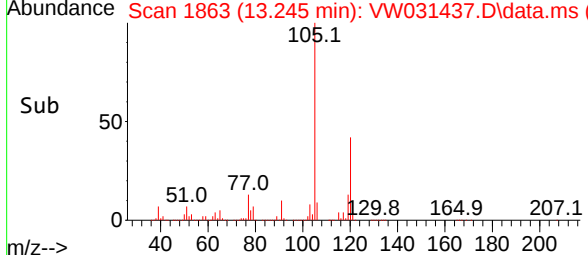
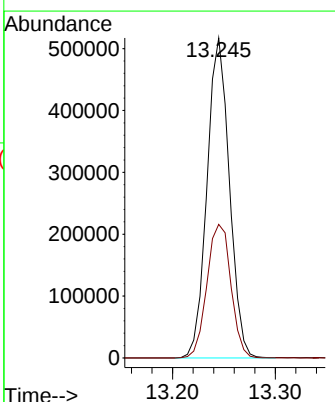
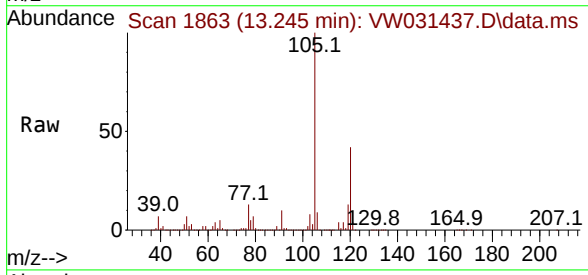
Instrument : MSVOA_W
 ClientSampleId :

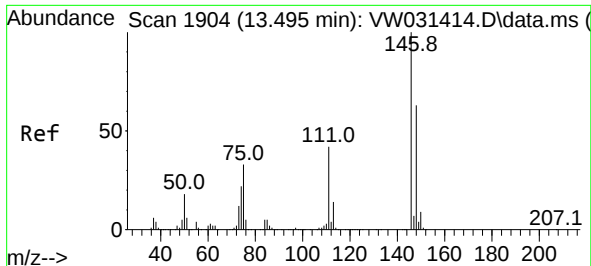
Tgt Ion:	105	Resp:	809797
Ion Ratio	Lower	Upper	
105	100		
120	47.3	37.3	55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 24.393 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031437.D
 Acq: 20 Dec 2024 19:27

Tgt Ion:	105	Resp:	780382
Ion Ratio	Lower	Upper	
105	100		
120	44.7	35.0	52.4

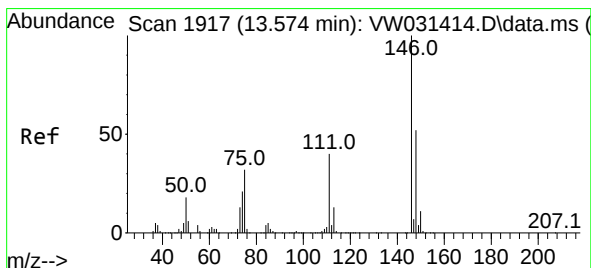
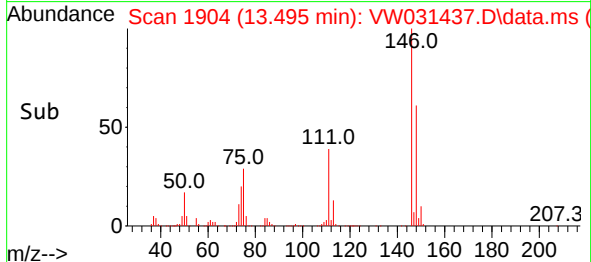
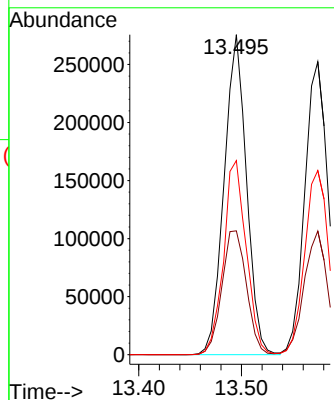
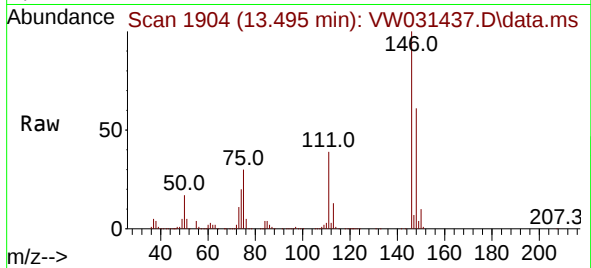




#64
1,3-Dichlorobenzene
Concen: 26.353 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

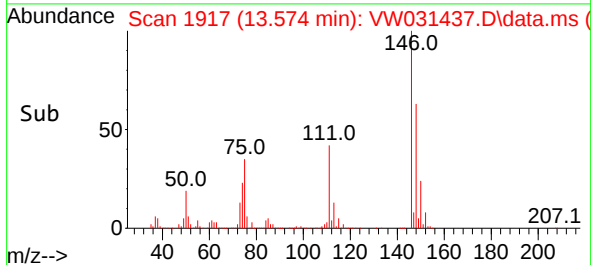
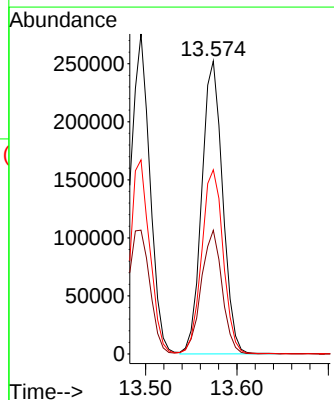
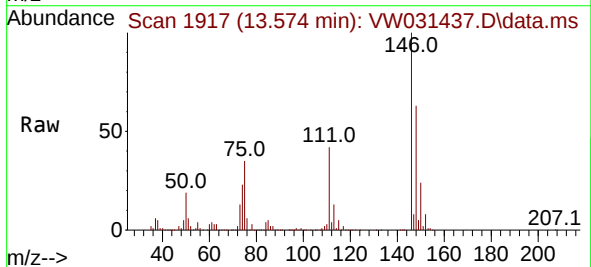
Instrument :
MSVOA_W
ClientSampleId :

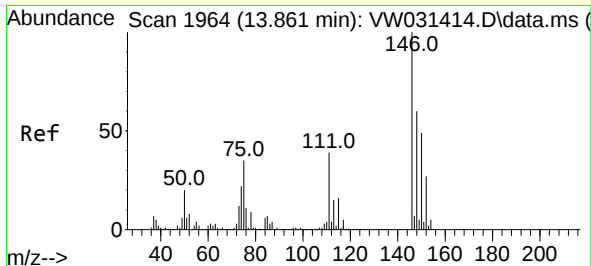
Tgt Ion:146 Resp: 416848
Ion Ratio Lower Upper
146 100
111 38.7 27.6 51.2
148 60.7 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 25.538 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion:146 Resp: 400249
Ion Ratio Lower Upper
146 100
111 42.2 30.7 56.9
148 62.8 46.5 86.3

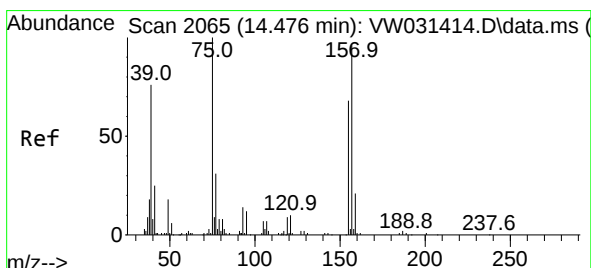
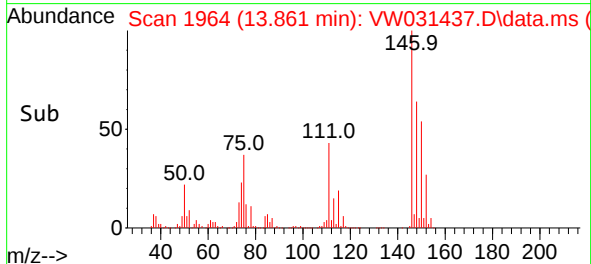
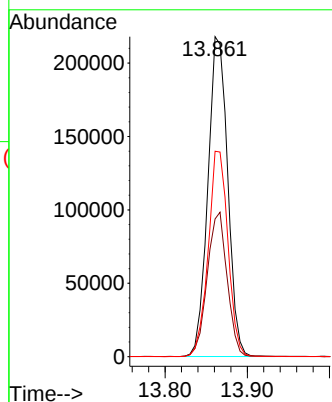
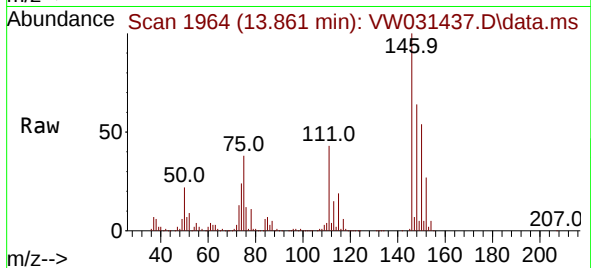




#67
1,2-Dichlorobenzene
Concen: 26.697 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

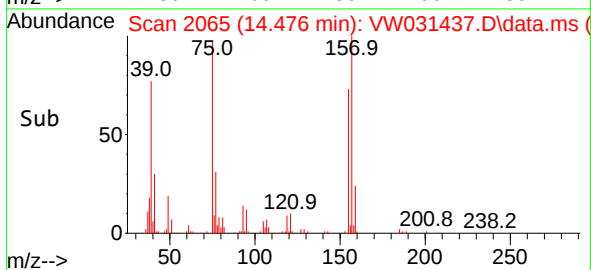
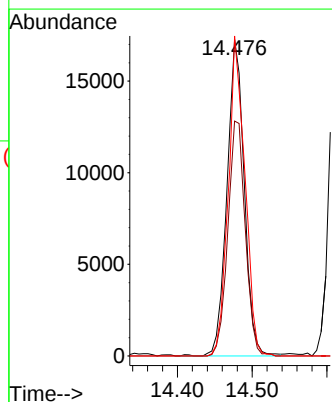
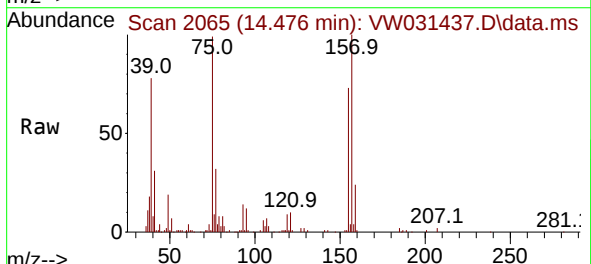
Instrument :
MSVOA_W
ClientSampleId :

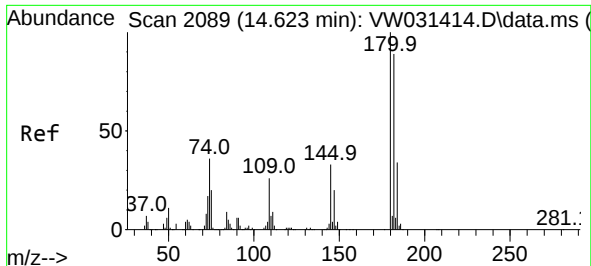
Tgt Ion:146 Resp: 363851
Ion Ratio Lower Upper
146 100
111 43.0 38.6 58.0
148 64.2 53.6 80.4



#68
1,2-Dibromo-3-chloropropane
Concen: 26.761 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion: 75 Resp: 27724
Ion Ratio Lower Upper
75 100
155 74.3 56.6 85.0
157 101.2 71.2 106.8

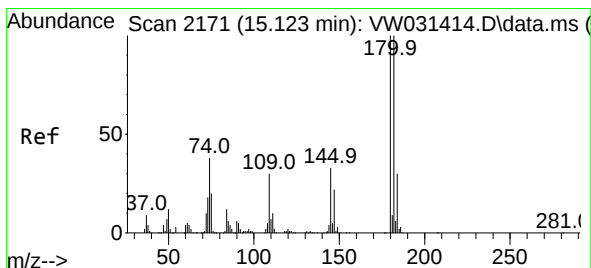
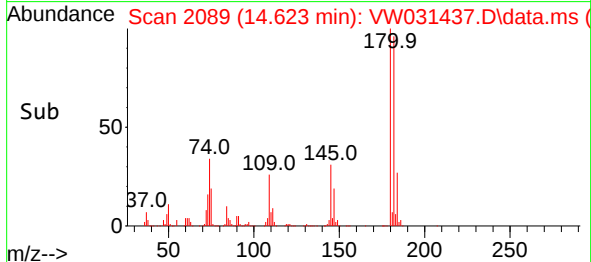
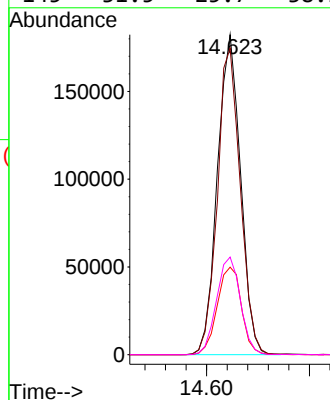
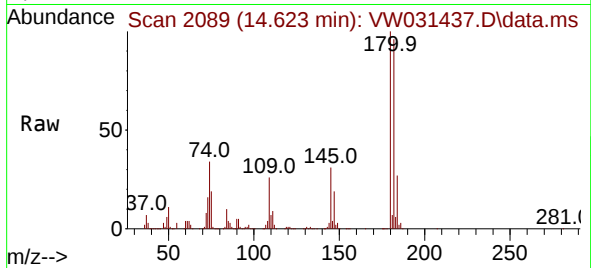




#69
1,3,5-Trichlorobenzene
Concen: 25.667 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

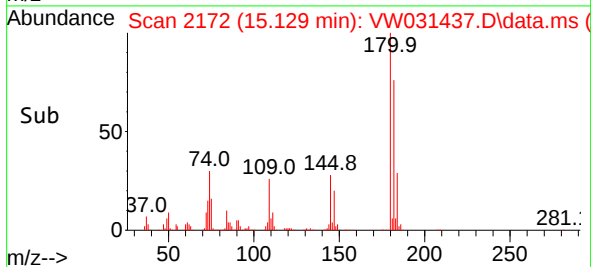
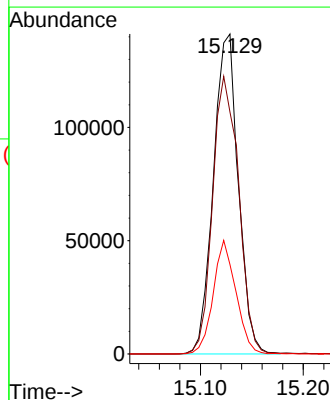
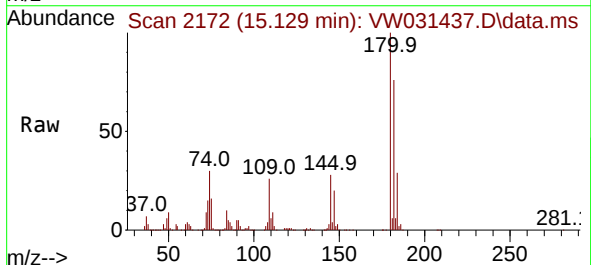
Instrument :
MSVOA_W
ClientSampleId :

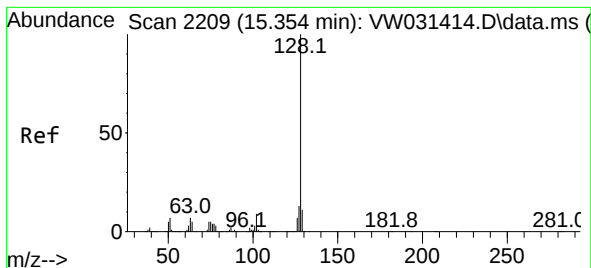
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.0	112.4
184	28.6	24.6	36.8
145	31.5	25.7	38.5



#70
1,2,4-trichlorobenzene
Concen: 25.833 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW031437.D
Acq: 20 Dec 2024 19:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	78.2	117.2
145	32.4	26.7	40.1





#71

Naphthalene

Concen: 31.346 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Instrument :

MSVOA_W

ClientSampleId :

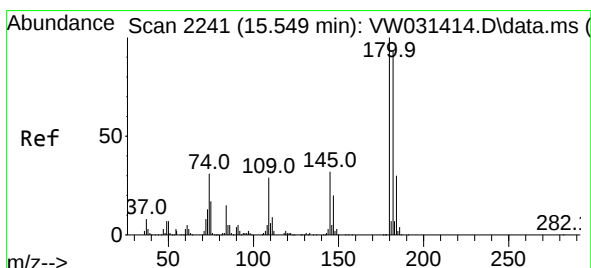
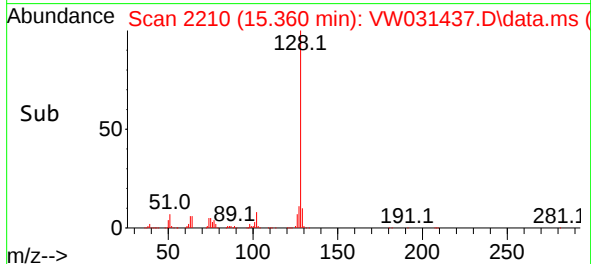
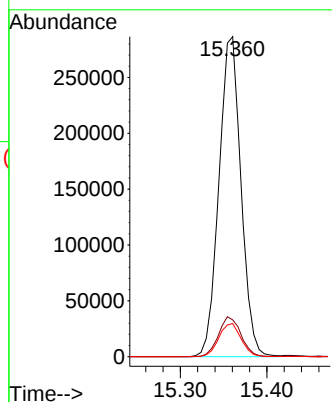
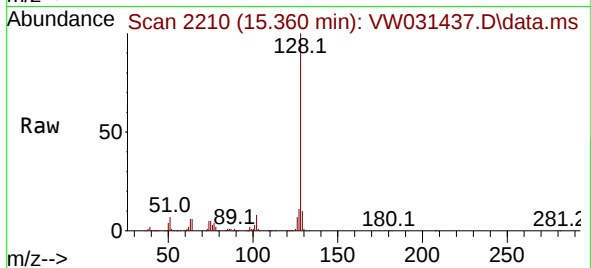
Tgt Ion:128 Resp: 506438

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.5 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 29.560 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031437.D

Acq: 20 Dec 2024 19:27

Tgt Ion:180 Resp: 219481

Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.4

145 33.2 27.8 41.6

