

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031455.D
 Acq On : 21 Dec 2024 03:03
 Operator : SY/MD
 Sample : P5325-03MSD
 Misc : 5.06g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 03:42:52 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	8.843	114	865552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	685186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279109	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	205956	15.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.240%
7) Chloroethane-d5	2.899	69	175963	18.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.080%
11) 1,1-Dichloroethene-d2	4.021	65	87238	14.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.480%
21) 2-Butanone-d5	7.106	46	72708	29.645	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.300%
24) Chloroform-d	7.648	84	392985	16.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.280%
26) 1,2-Dichloroethane-d4	8.307	65	203379	17.076	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.320%#
32) Benzene-d6	8.270	84	763021	17.374	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.480%
36) 1,2-Dichloropropane-d6	9.270	67	232474	18.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.640%
41) Toluene-d8	10.319	98	634411	15.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.120%
43) trans-1,3-Dichloroprop...	10.575	79	81248	13.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.080%
47) 2-Hexanone-d5	10.922	63	56743	32.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148177	18.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	163878	15.816	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	63.280%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	84705	10.828	ug/L	97
3) Chloromethane	2.216	50	117690	13.392	ug/L	99
5) Vinyl chloride	2.369	62	158790	13.038	ug/L	97
6) Bromomethane	2.789	94	116754	15.593	ug/L	96
8) Chloroethane	2.930	64	113780	15.710	ug/L	96
9) Trichlorofluoromethane	3.271	101	148157	11.419	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	128981	12.311	ug/L #	69
12) 1,1-Dichloroethene	4.039	96	137529	12.961	ug/L	97
13) Acetone	4.173	43	67654	19.807	ug/L #	100
14) Carbon disulfide	4.381	76	306220	8.849	ug/L	99
15) Methyl Acetate	4.692	43	50112	12.917	ug/L	95
16) Methylene chloride	4.917	84	157176	14.432	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	143557	12.551	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	280803	14.685	ug/L	98
19) 1,1-Dichloroethane	6.216	63	303217	14.187	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	175134	14.152	ug/L	97
22) 2-Butanone	7.191	43	85214	20.590	ug/L	97
23) Bromochloromethane	7.514	128	73546	14.902	ug/L	95
25) Chloroform	7.673	83	309757	14.684	ug/L	99

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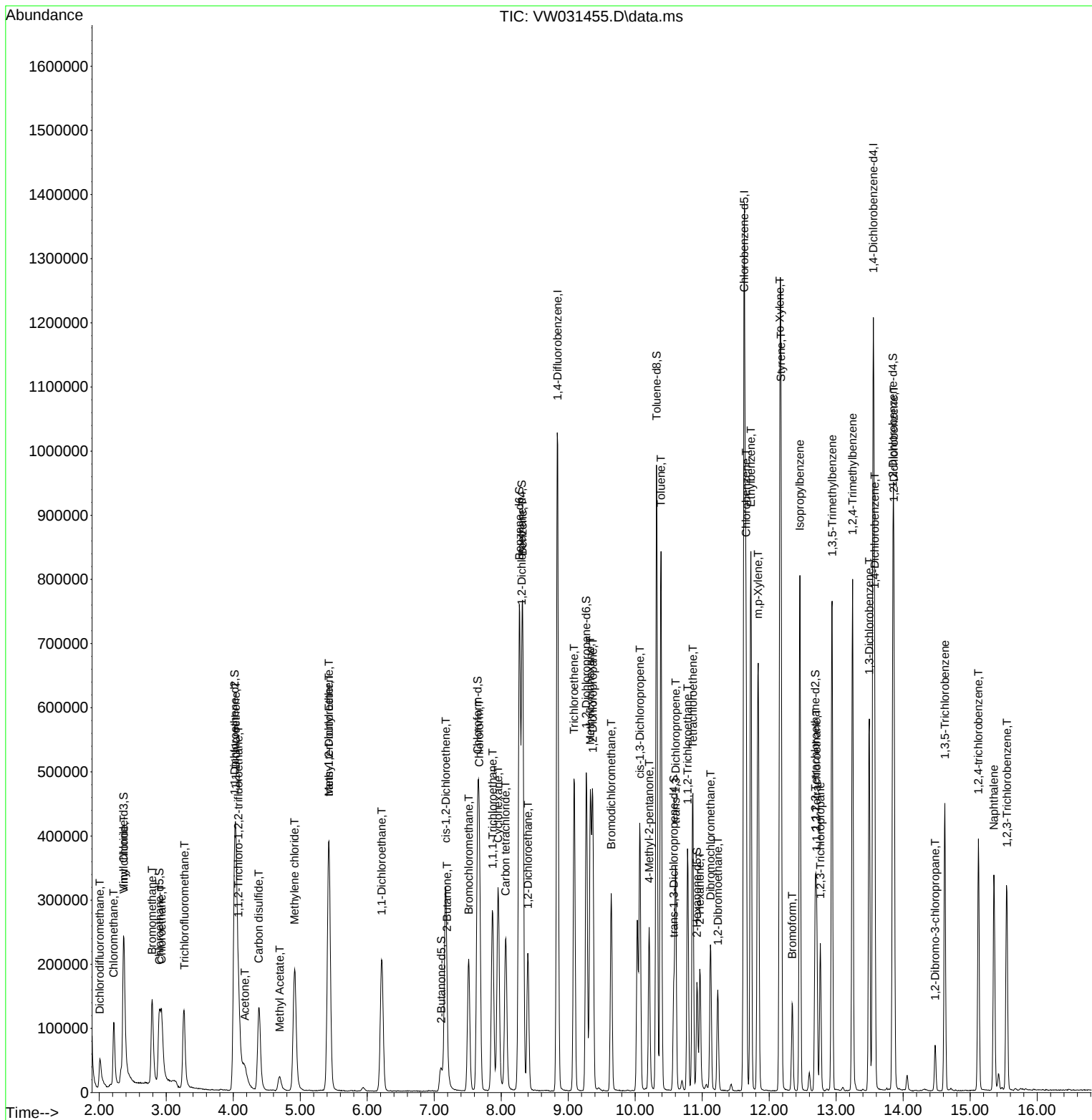
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 ClientSampleId :

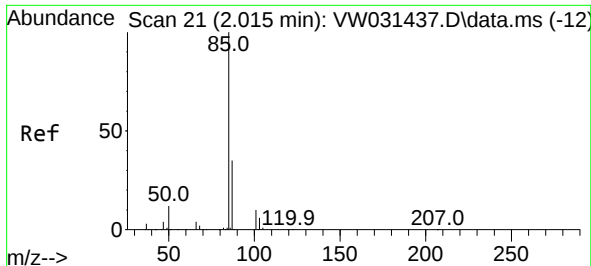
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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	198242	14.949	ug/L	100
29) Cyclohexane	7.953	56	181600	9.773	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	230199	12.998	ug/L	98
31) Carbon tetrachloride	8.063	117	177946	11.278	ug/L	97
33) Benzene	8.319	78	624385	14.746	ug/L	100
34) Trichloroethene	9.087	95	173585	14.521	ug/L	90
35) Methylcyclohexane	9.331	83	190229	9.138	ug/L	98
37) 1,2-Dichloropropane	9.368	63	167662	15.872	ug/L	98
38) Bromodichloromethane	9.642	83	206766	15.057	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	243415	13.637	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	162555	29.006	ug/L	98
42) Toluene	10.386	91	618203	13.410	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	191944	13.170	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	114793	16.338	ug/L	96
46) Tetrachloroethene	10.861	164	102807	11.741	ug/L	90
48) 2-Hexanone	10.965	43	121868	25.569	ug/L	99
49) Dibromochloromethane	11.123	129	119931	14.400	ug/L	92
50) 1,2-Dibromoethane	11.233	107	105802	15.896	ug/L	99
51) Chlorobenzene	11.654	112	368727	12.757	ug/L	99
52) Ethylbenzene	11.727	91	591486	11.070	ug/L	98
53) m,p-Xylene	11.837	106	220808	10.856	ug/L	98
54) o-Xylene	12.160	106	230158	12.006	ug/L	98
55) Styrene	12.178	104	393640	12.345	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	124103	16.385	ug/L	94
59) Bromoform	12.343	173	59914	15.280	ug/L	99
60) Isopropylbenzene	12.458	105	505360	11.064	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90810	19.014	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	418135	10.798	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	424885	11.352	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	233263	12.605	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	224685	12.254	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	219838	13.787	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	17859	14.735	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	128764	9.935	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	115904	10.751	ug/L	96
71) Naphthalene	15.354	128	290312	15.359	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104166	11.992	ug/L	98

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

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Response via : Initial Calibration

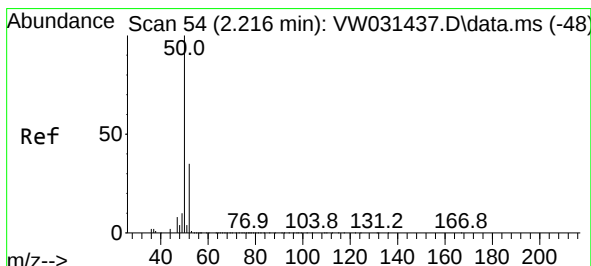
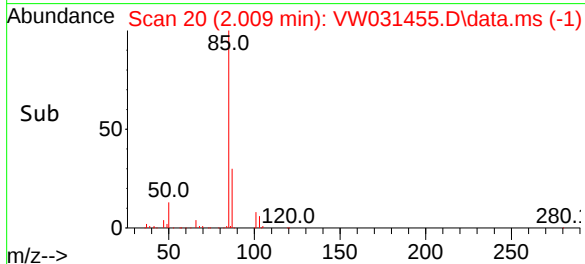
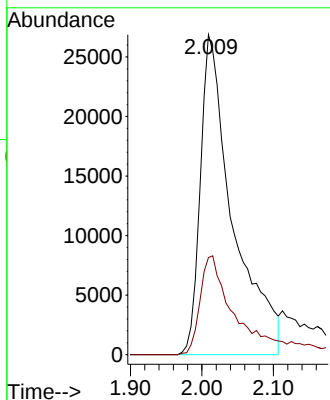
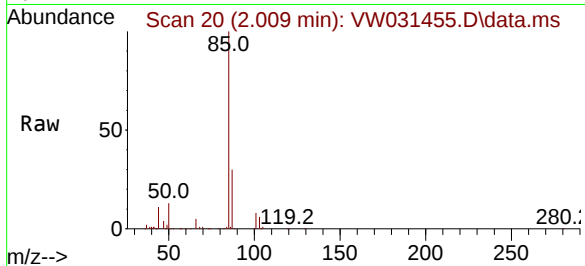




#2
 Dichlorodifluoromethane
 Concen: 10.828 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

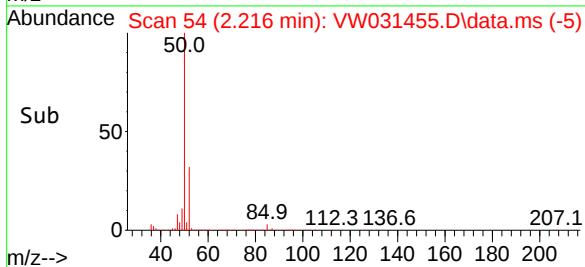
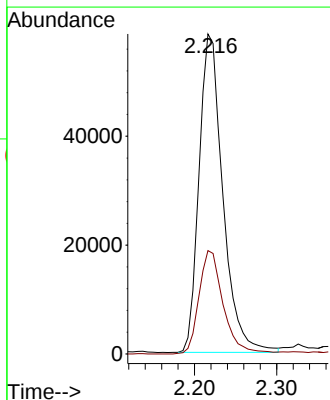
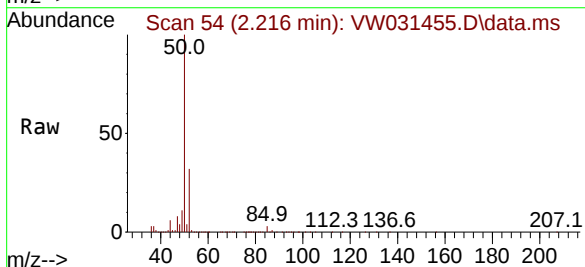
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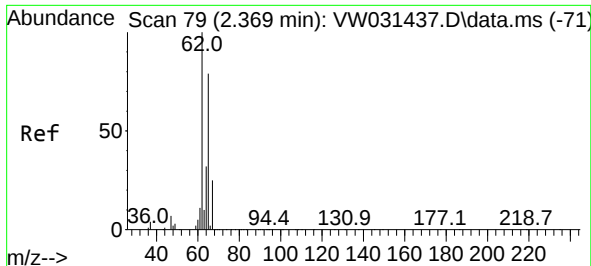
Tgt Ion: 85 Resp: 84705
 Ion Ratio Lower Upper
 85 100
 87 32.5 24.9 37.3



#3
 Chloromethane
 Concen: 13.392 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

Tgt Ion: 50 Resp: 117690
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.0 41.0

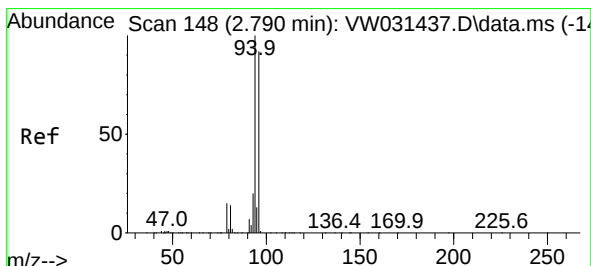
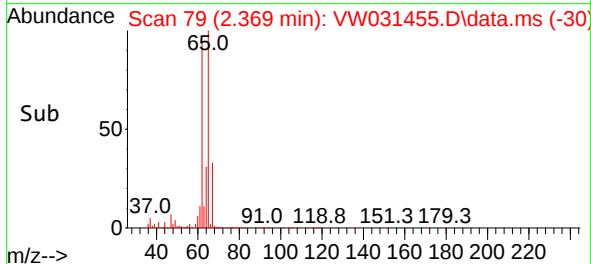
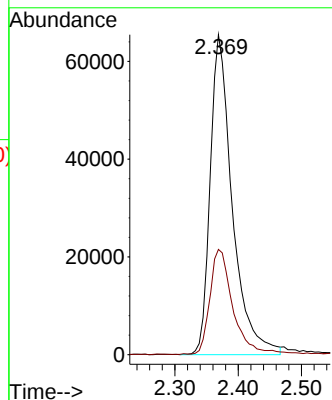
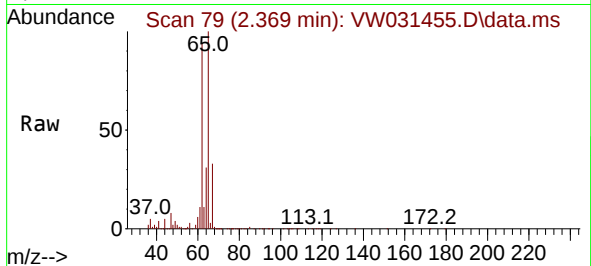




#5
 Vinyl chloride
 Concen: 13.038 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

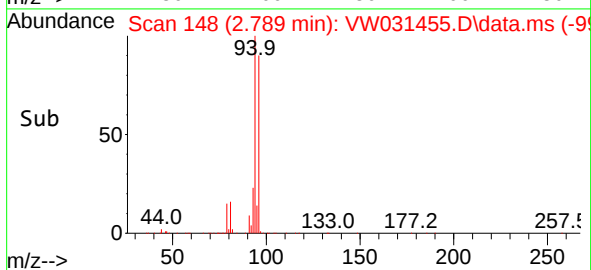
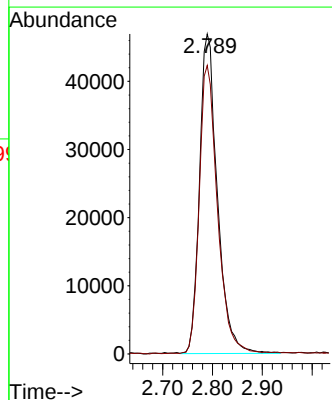
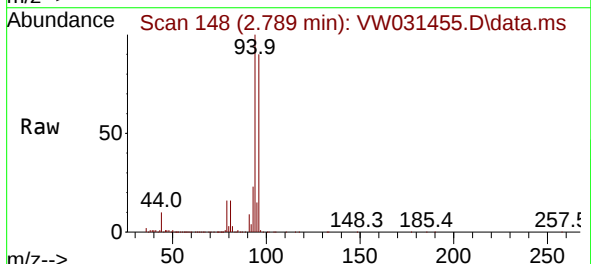
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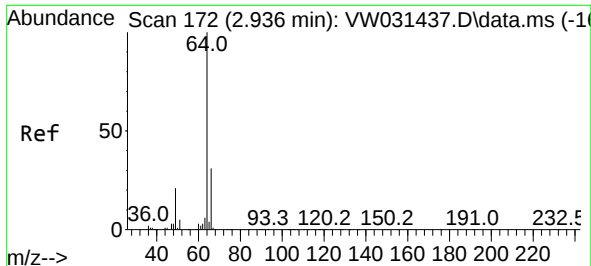
Tgt Ion: 62 Resp: 158790
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.1 44.8



#6
 Bromomethane
 Concen: 15.593 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

Tgt Ion: 94 Resp: 116754
 Ion Ratio Lower Upper
 94 100
 96 90.1 65.6 121.8

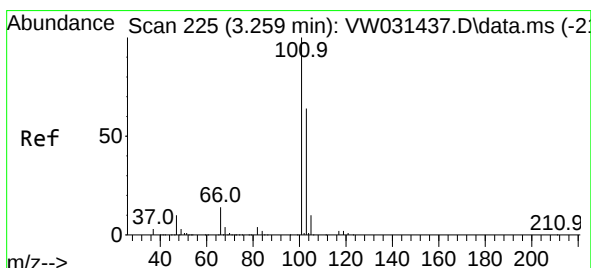
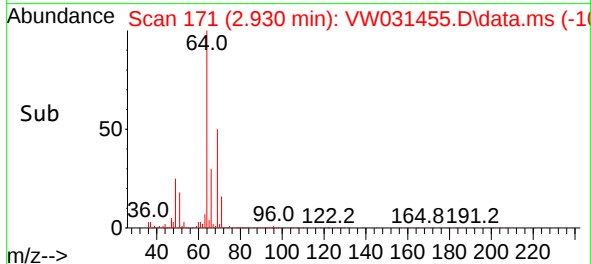
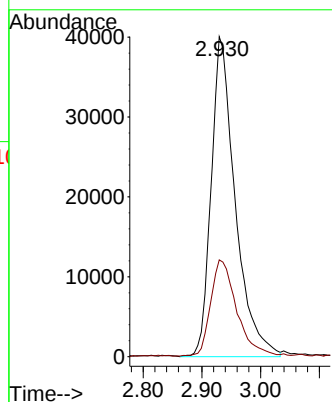
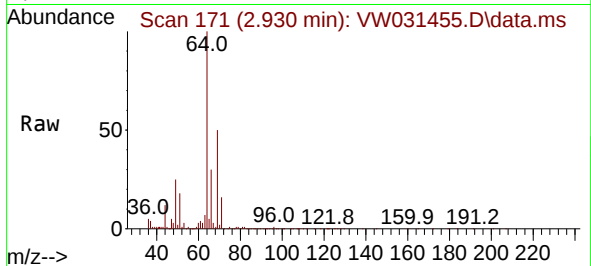




#8
Chloroethane
Concen: 15.710 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

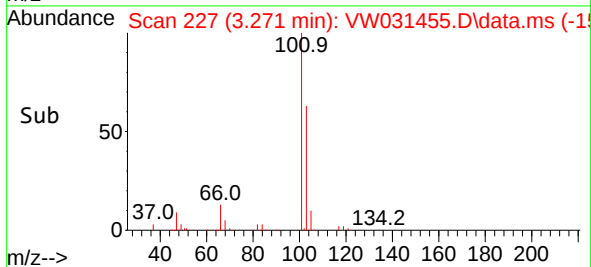
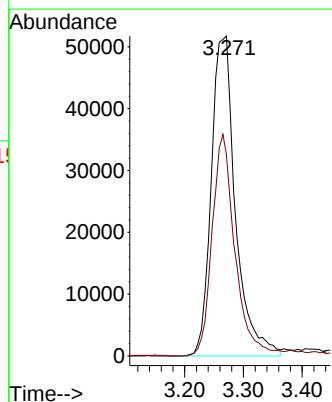
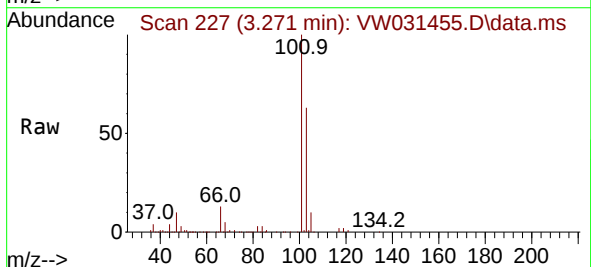
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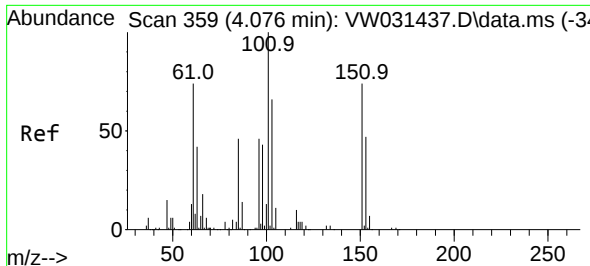
Tgt Ion: 64 Resp: 113780
Ion Ratio Lower Upper
64 100
66 30.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 11.419 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.012 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion:101 Resp: 148157
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

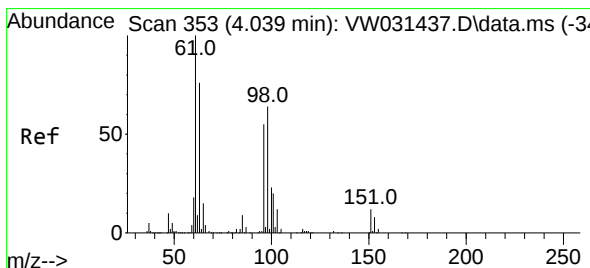
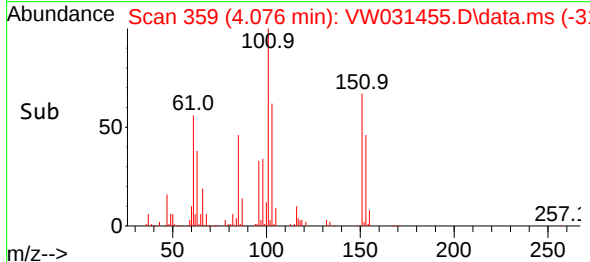
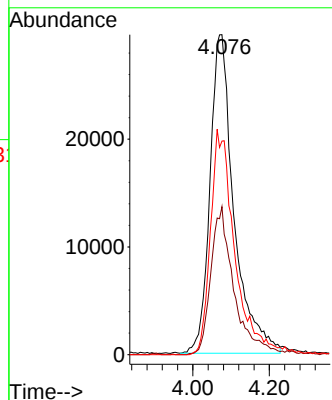
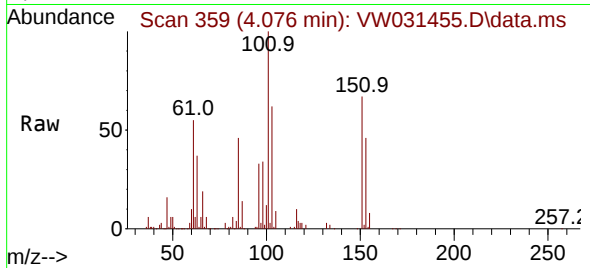




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.311 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

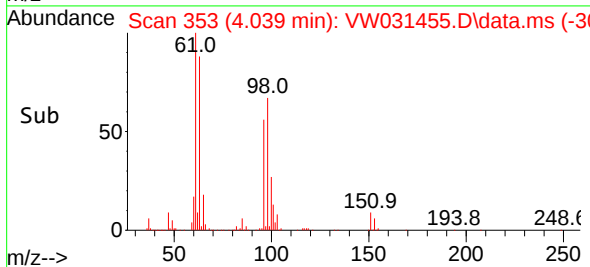
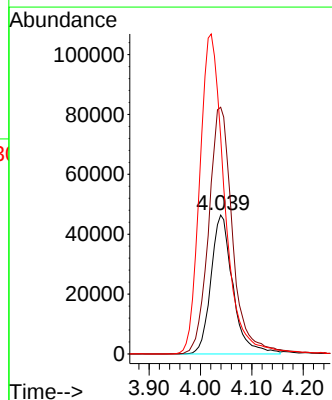
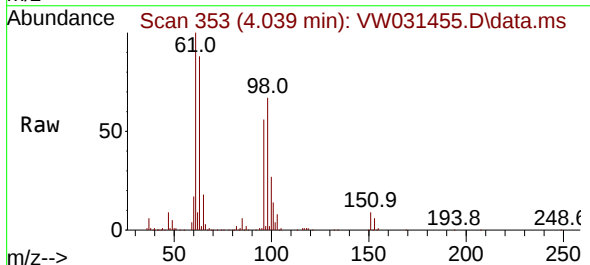
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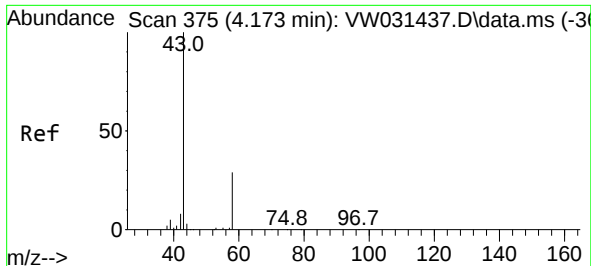
Tgt Ion:101 Resp: 128981
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.0 49.4
 151 28.9 54.8 82.2#



#12
 1,1-Dichloroethene
 Concen: 12.961 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

Tgt Ion: 96 Resp: 137529
 Ion Ratio Lower Upper
 96 100
 61 177.7 125.3 232.7
 63 156.3 104.6 194.2





#13

Acetone

Concen: 19.807 ug/L

RT: 4.173 min Scan# 31

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

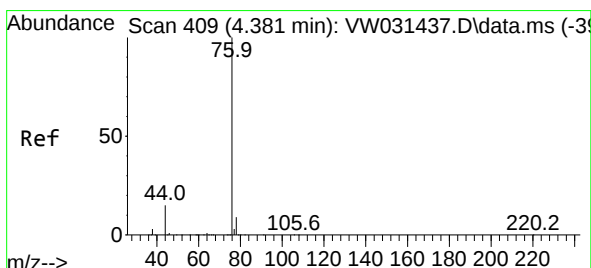
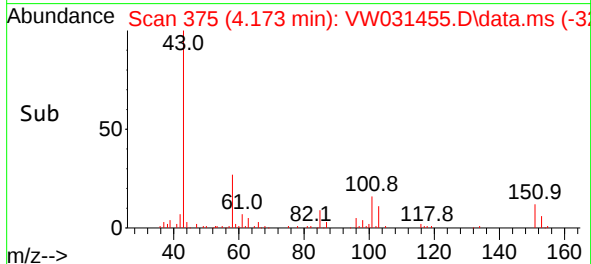
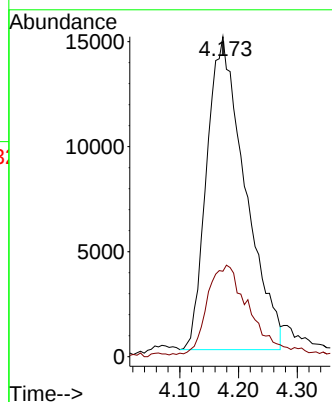
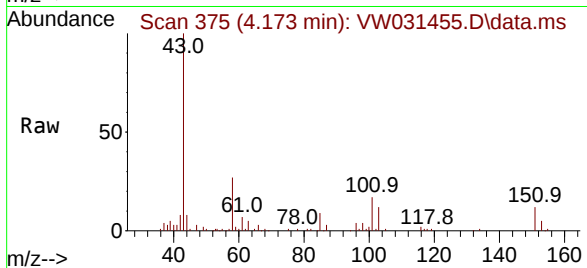
ClientSampleId :

Tgt Ion: 43 Resp: 67654

Ion Ratio Lower Upper

43 100

58 29.0 0.0 0.0#



#14

Carbon disulfide

Concen: 8.849 ug/L

RT: 4.381 min Scan# 409

Delta R.T. -0.000 min

Lab File: VW031455.D

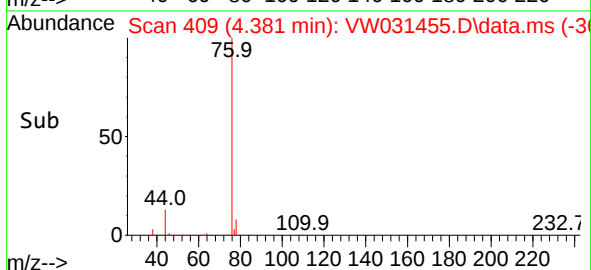
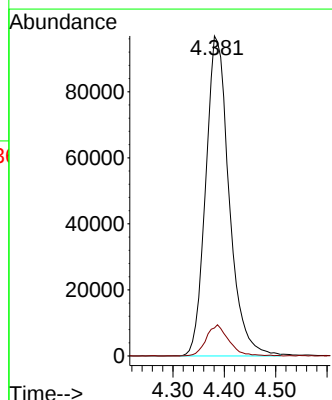
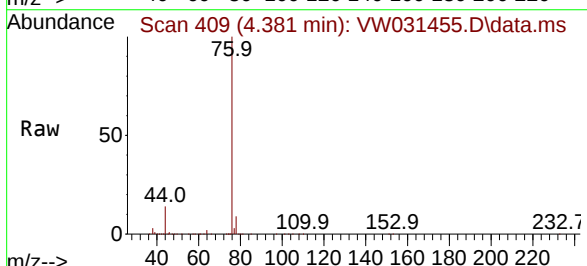
Acq: 21 Dec 2024 03:03

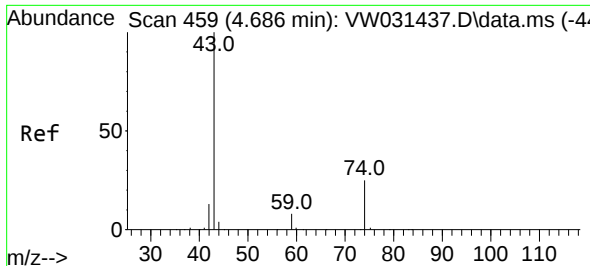
Tgt Ion: 76 Resp: 306220

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

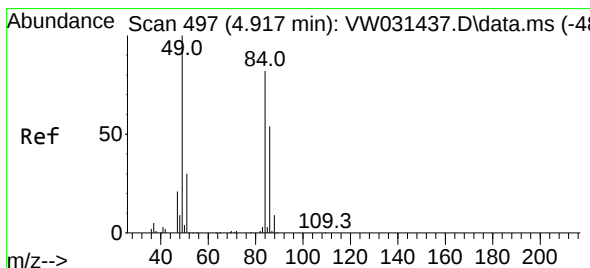
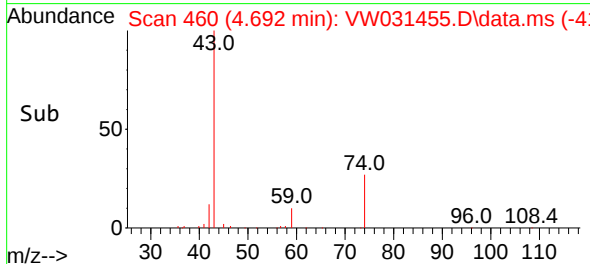
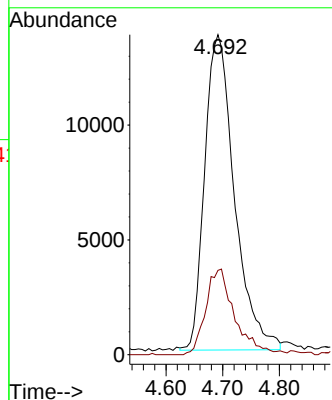
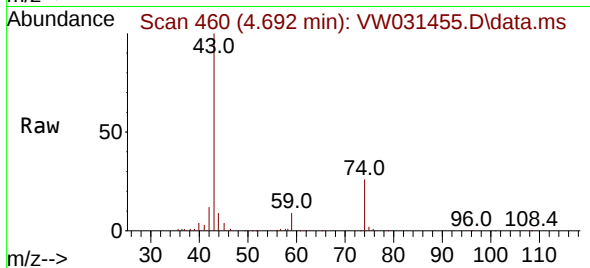




#15
Methyl Acetate
Concen: 12.917 ug/L
RT: 4.692 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

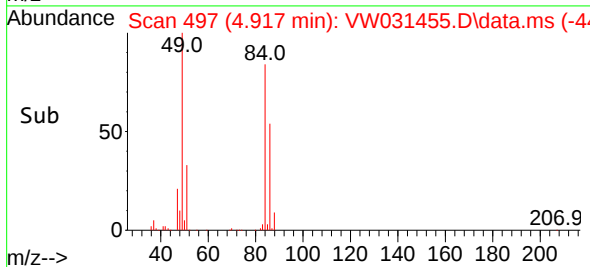
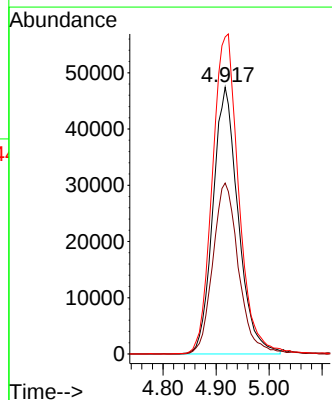
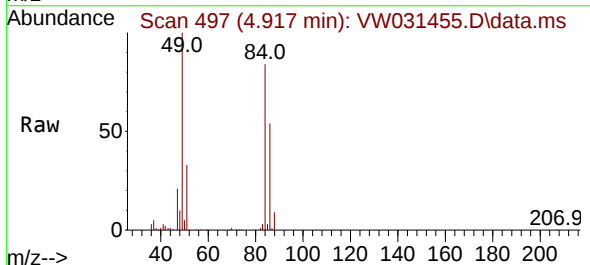
Instrument :
MSVOA_W
ClientSampleId :

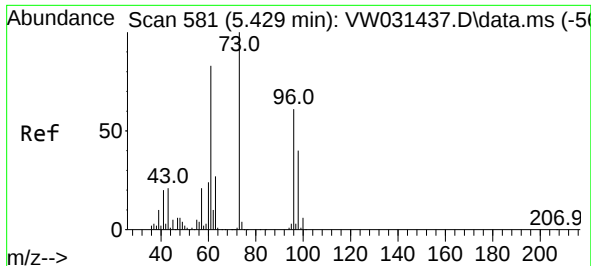
Tgt Ion: 43 Resp: 50112
Ion Ratio Lower Upper
43 100
74 26.1 18.9 28.3



#16
Methylene chloride
Concen: 14.432 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion: 84 Resp: 157176
Ion Ratio Lower Upper
84 100
86 64.1 44.7 82.9
49 118.8 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 12.551 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

ClientSampleId :

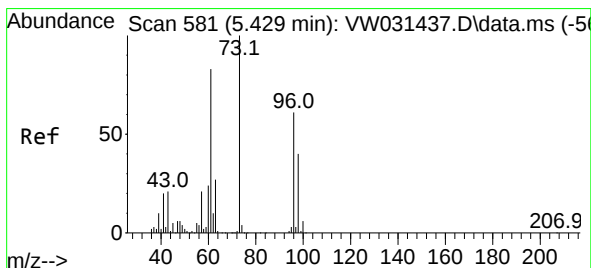
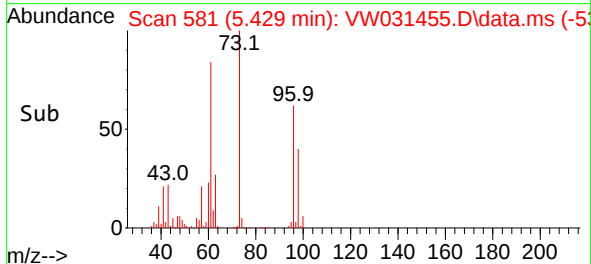
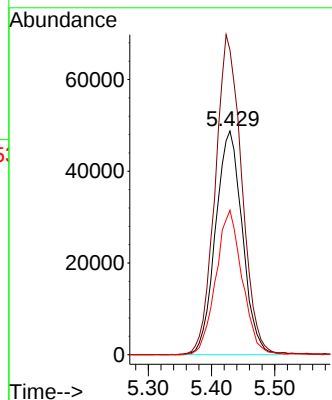
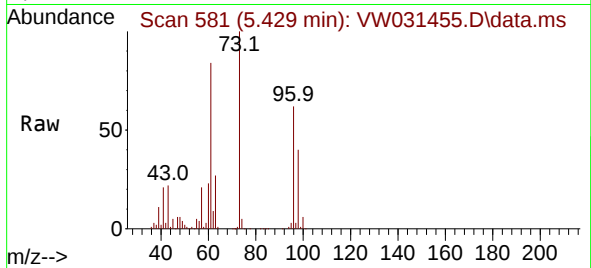
Tgt Ion: 96 Resp: 143557

Ion Ratio Lower Upper

96 100

61 136.2 100.7 187.1

98 64.5 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 14.685 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

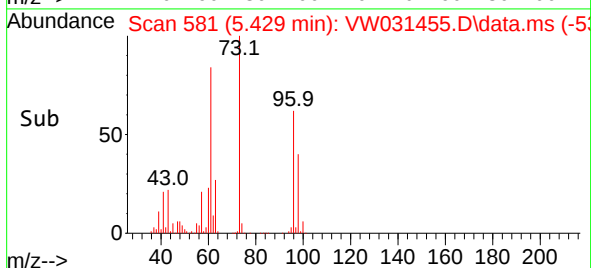
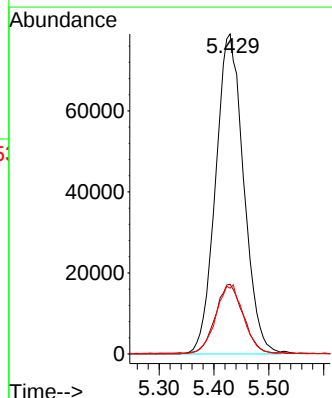
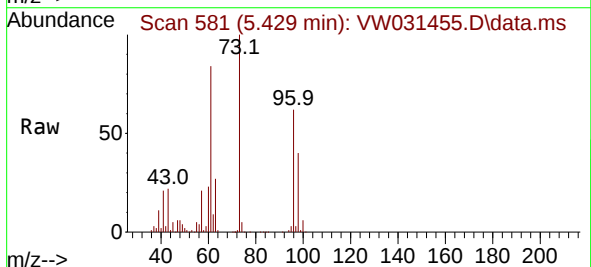
Tgt Ion: 73 Resp: 280803

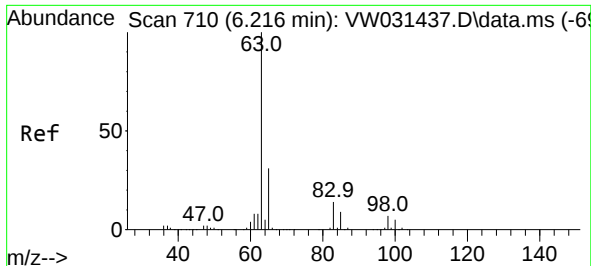
Ion Ratio Lower Upper

73 100

43 21.7 17.9 26.9

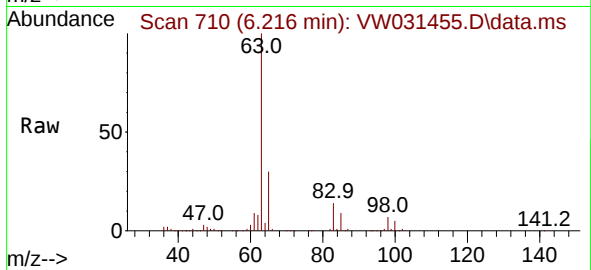
57 21.4 17.9 26.9





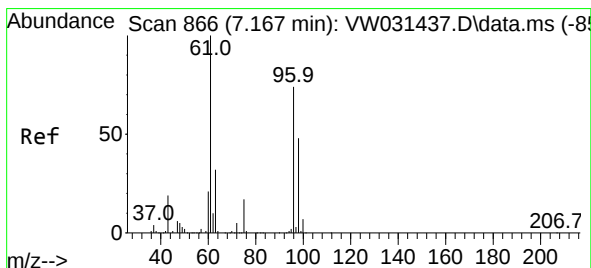
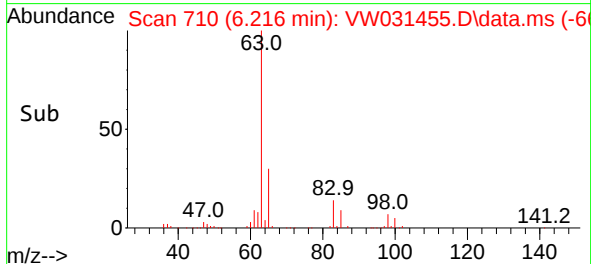
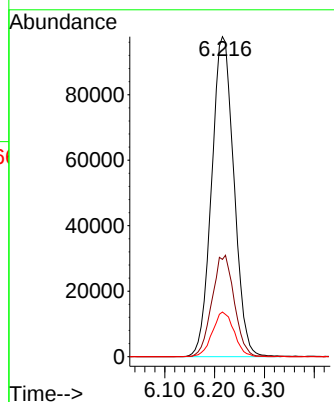
#19
 1,1-Dichloroethane
 Concen: 14.187 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 63 Resp: 303217

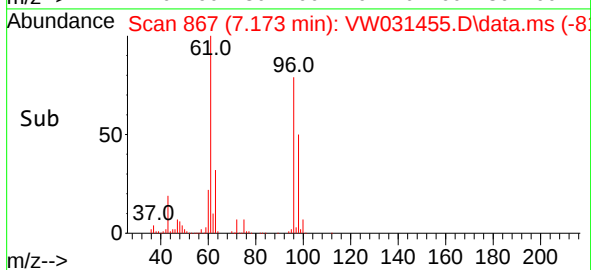
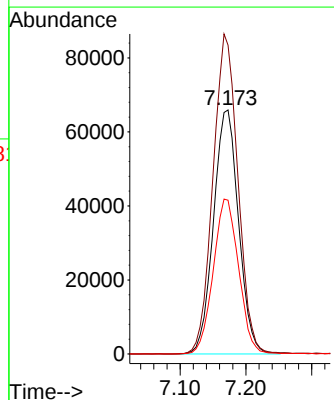
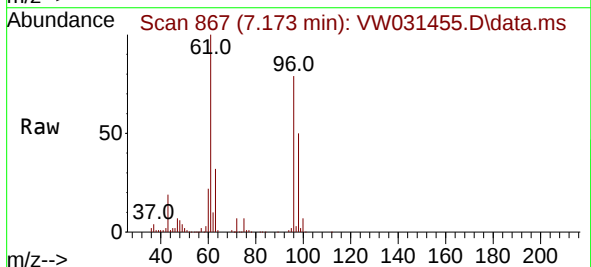
Ion	Ratio	Lower	Upper
63	100		
65	30.4	21.9	40.7
83	14.0	9.3	17.3

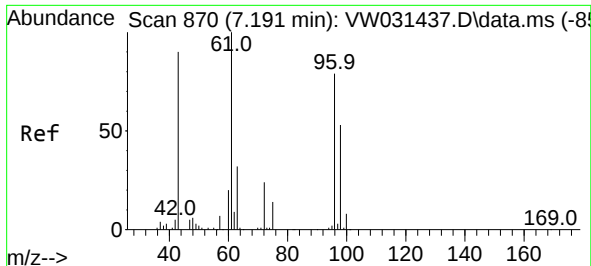


#20
 cis-1,2-Dichloroethene
 Concen: 14.152 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

Tgt Ion: 96 Resp: 175134

Ion	Ratio	Lower	Upper
96	100		
61	126.5	92.2	171.2
98	63.0	43.7	81.1

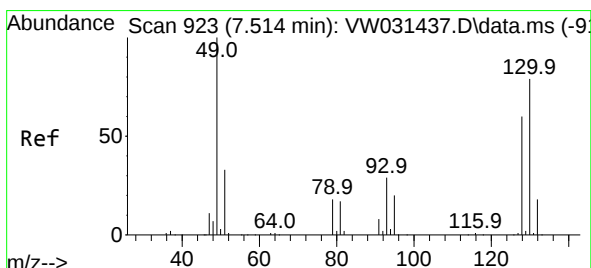
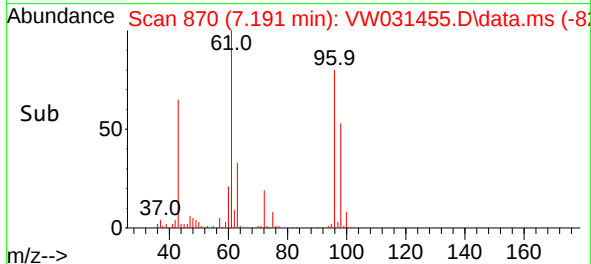
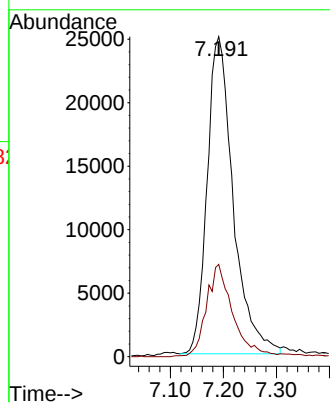
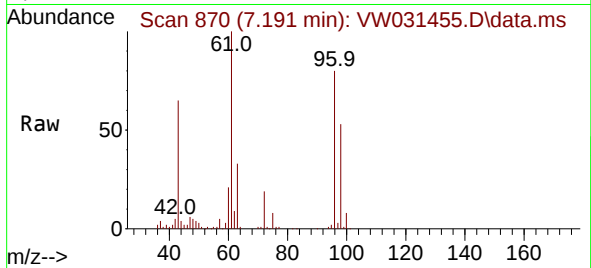




#22
2-Butanone
Concen: 20.590 ug/L
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

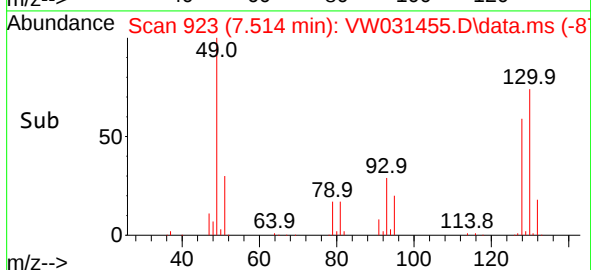
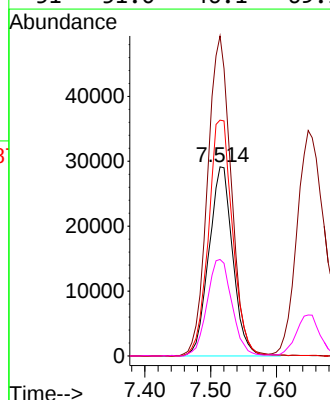
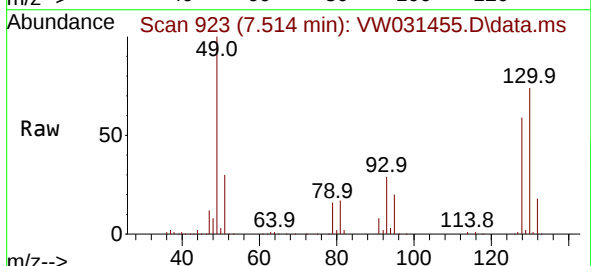
Instrument :
MSVOA_W
ClientSampleId :

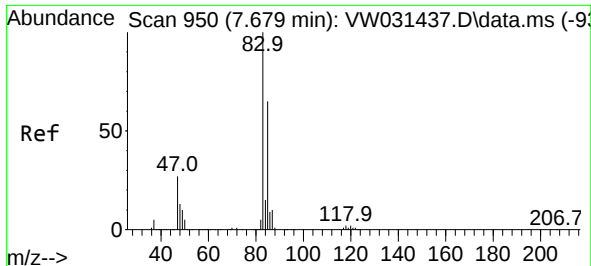
Tgt Ion: 43 Resp: 85214
Ion Ratio Lower Upper
43 100
72 28.0 13.3 39.8



#23
Bromochloromethane
Concen: 14.902 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion:128 Resp: 73546
Ion Ratio Lower Upper
128 100
49 169.2 123.7 229.7
130 124.7 90.3 167.7
51 51.0 46.1 69.1

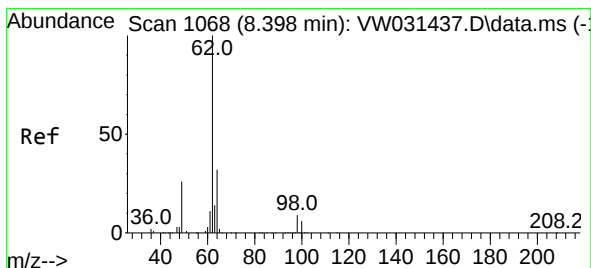
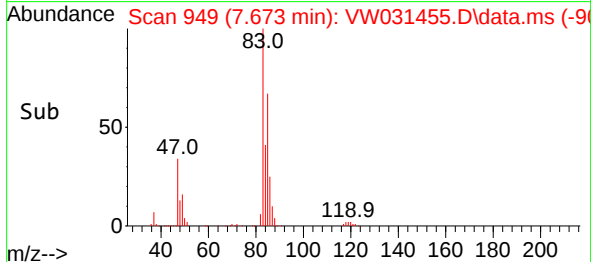
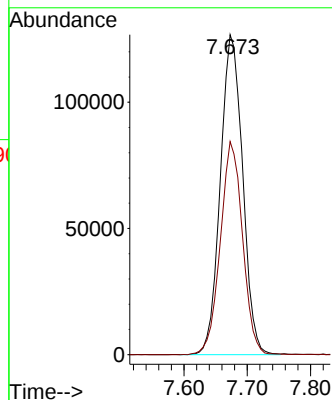
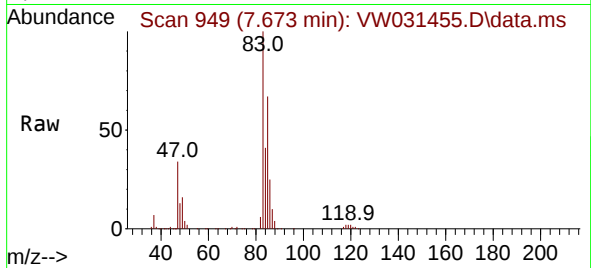




#25
Chloroform
Concen: 14.684 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

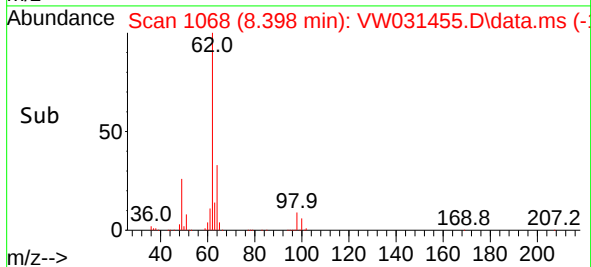
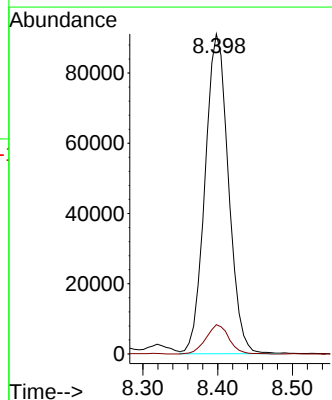
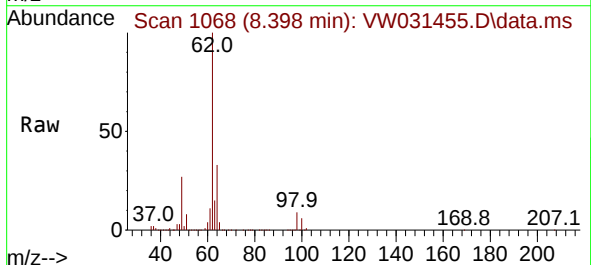
Instrument :
MSVOA_W
ClientSampleId :

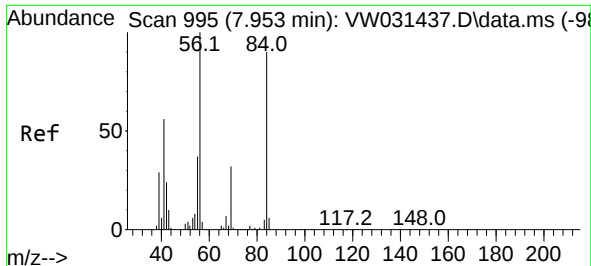
Tgt Ion: 83 Resp: 309757
Ion Ratio Lower Upper
83 100
85 66.6 46.1 85.5



#27
1,2-Dichloroethane
Concen: 14.949 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

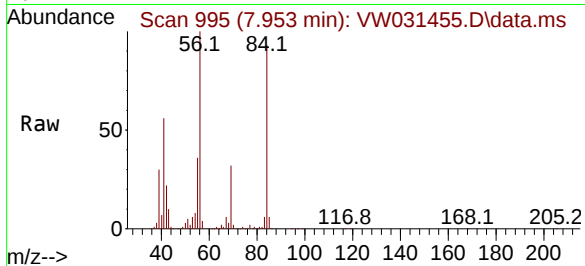
Tgt Ion: 62 Resp: 198242
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8



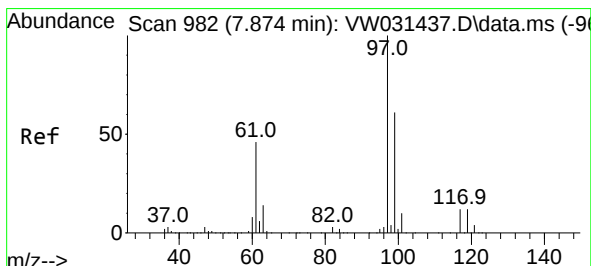
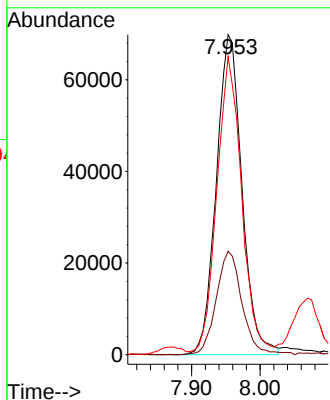
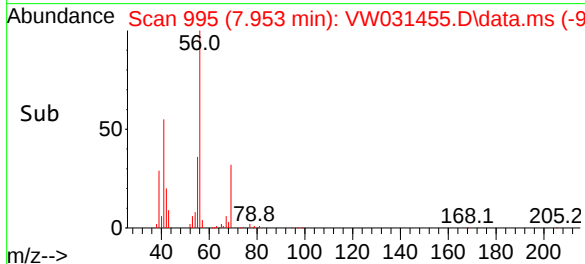


#29
Cyclohexane
Concen: 9.773 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

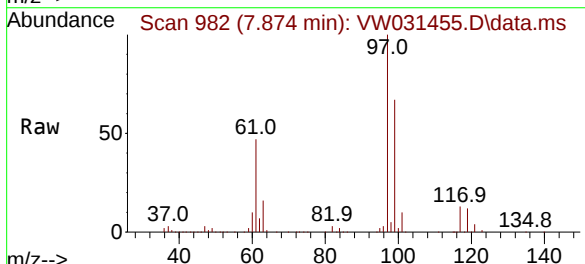
Instrument :
MSVOA_W
ClientSampleId :



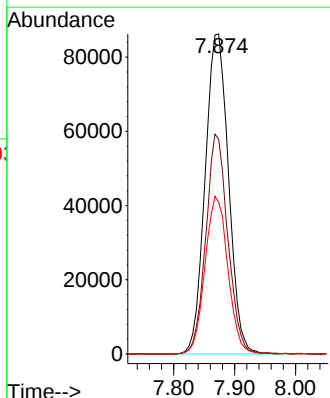
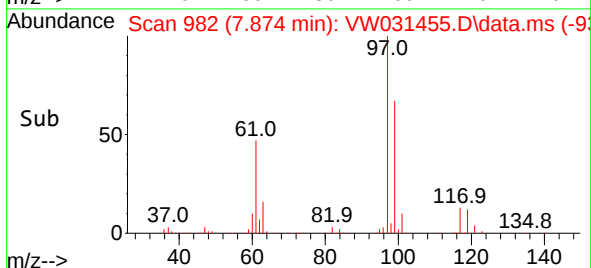
Tgt Ion: 56 Resp: 181600
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.4
84 89.5 68.9 103.3

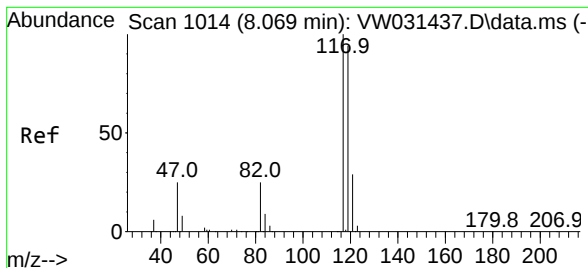


#30
1,1,1-Trichloroethane
Concen: 12.998 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03



Tgt Ion: 97 Resp: 230199
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 48.2 36.3 54.5

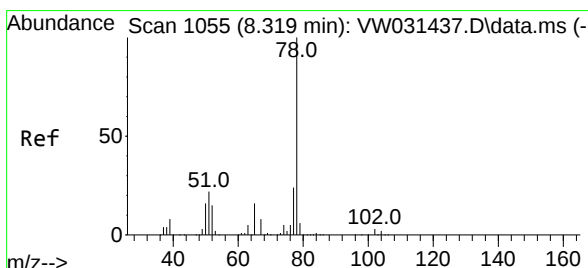
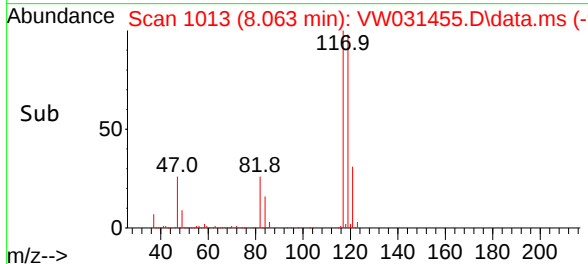
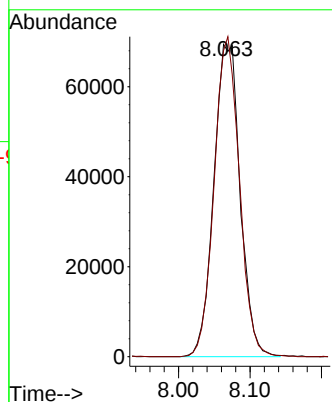
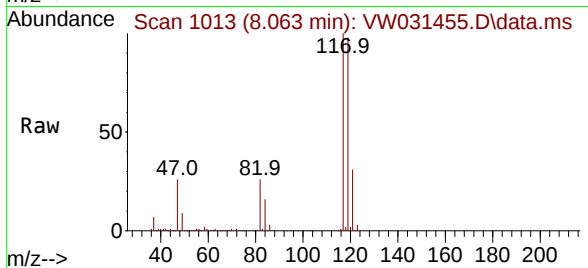




#31
Carbon tetrachloride
Concen: 11.278 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

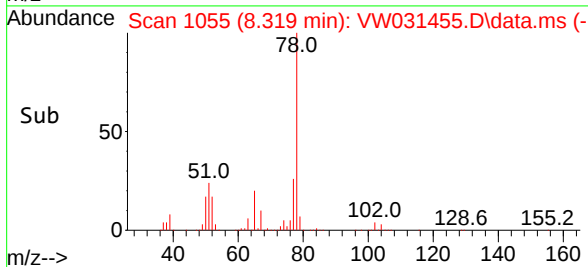
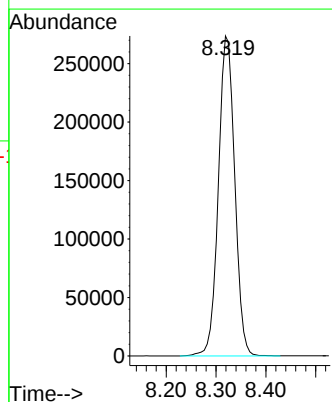
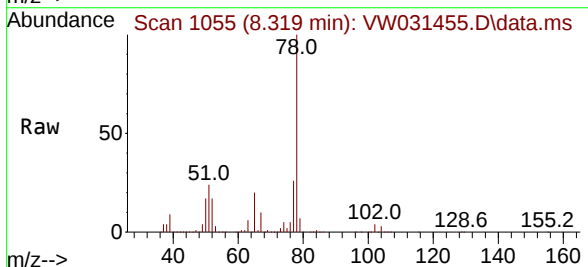
Instrument :
MSVOA_W
ClientSampleId :

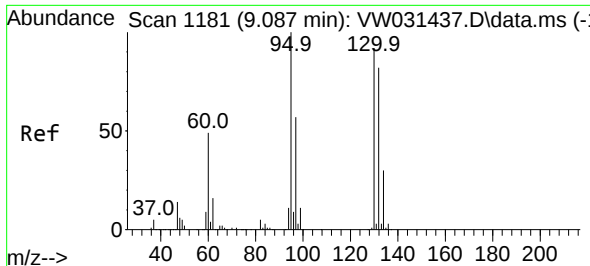
Tgt Ion:117 Resp: 177946
Ion Ratio Lower Upper
117 100
119 98.0 76.0 114.0



#33
Benzene
Concen: 14.746 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

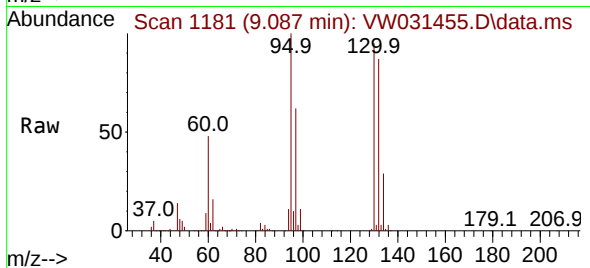
Tgt Ion: 78 Resp: 624385





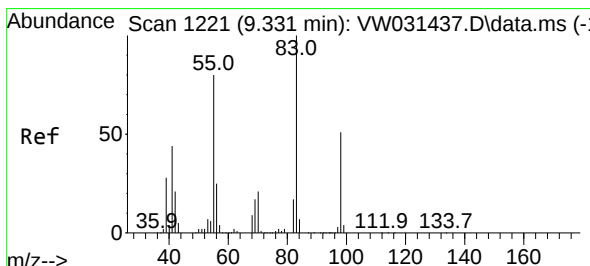
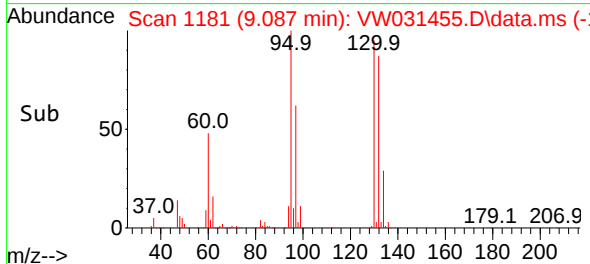
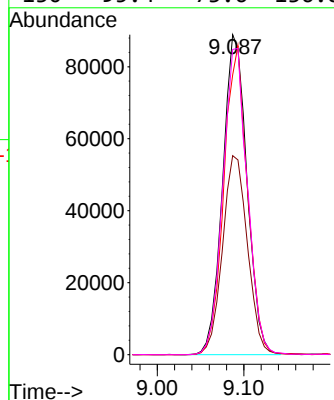
#34
Trichloroethene
Concen: 14.521 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 173585

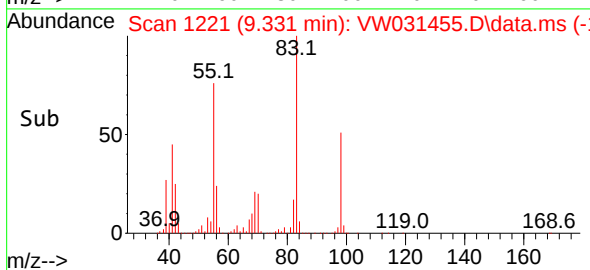
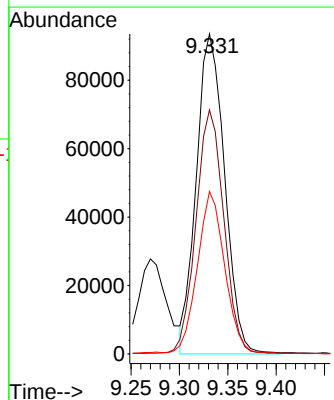
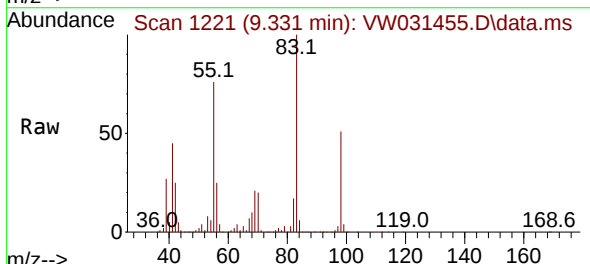
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.5	86.3
132	87.4	70.3	130.5
130	95.4	73.6	136.8

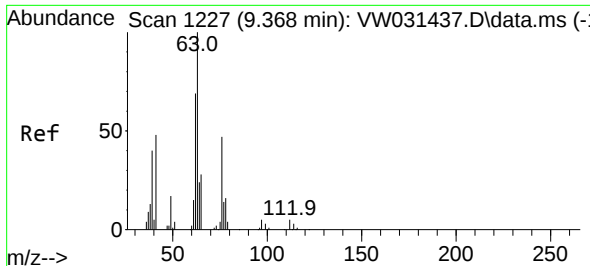


#35
Methylcyclohexane
Concen: 9.138 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion: 83 Resp: 190229

Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.6	93.8
98	49.4	39.8	59.6





#37

1,2-Dichloropropane

Concen: 15.872 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

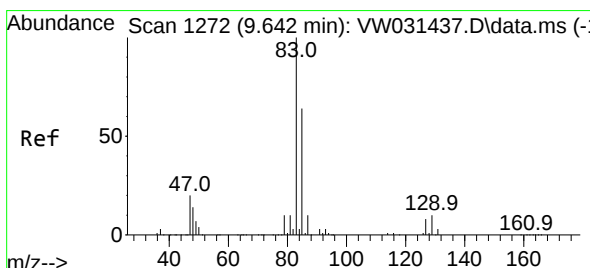
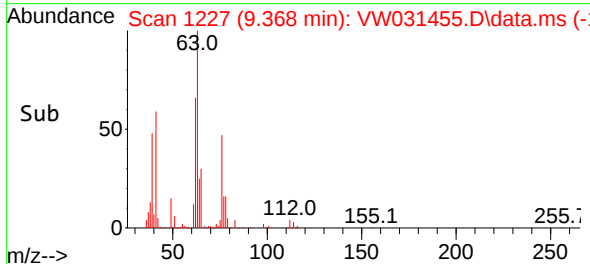
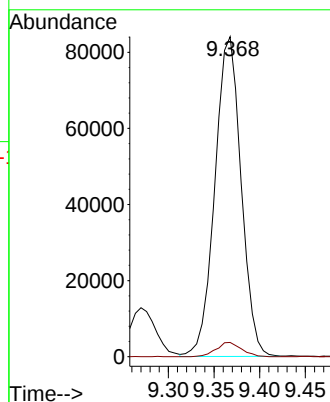
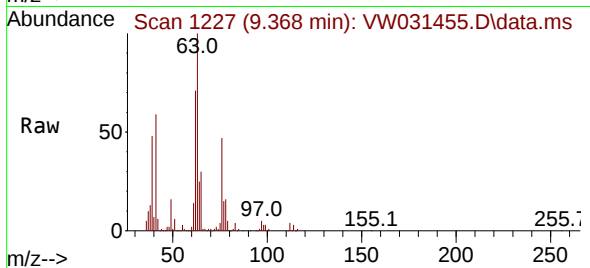
ClientSampleId :

Tgt Ion: 63 Resp: 167662

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.8



#38

Bromodichloromethane

Concen: 15.057 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

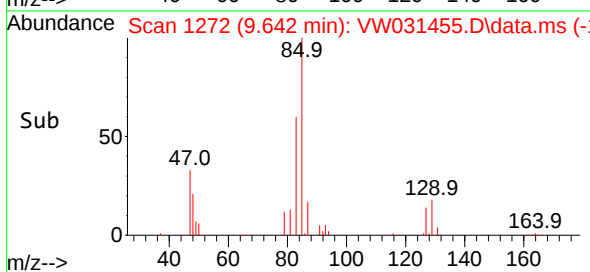
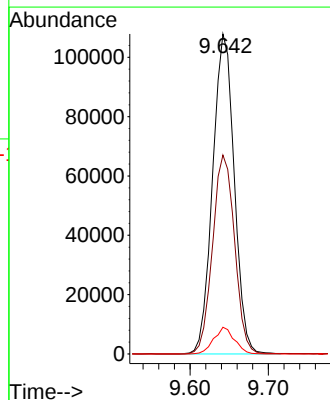
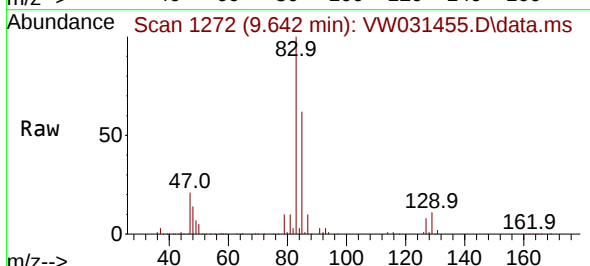
Tgt Ion: 83 Resp: 206766

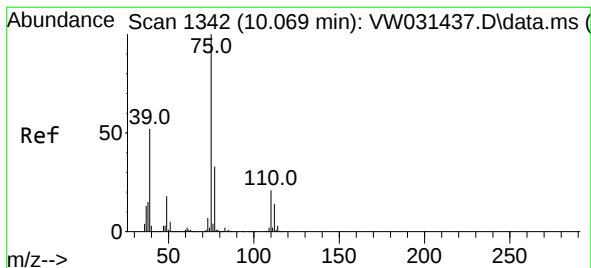
Ion Ratio Lower Upper

83 100

85 62.2 46.5 86.5

127 8.4 6.2 9.4

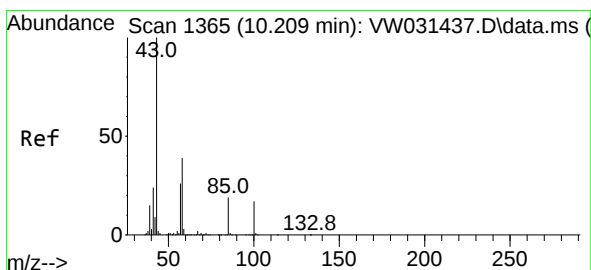
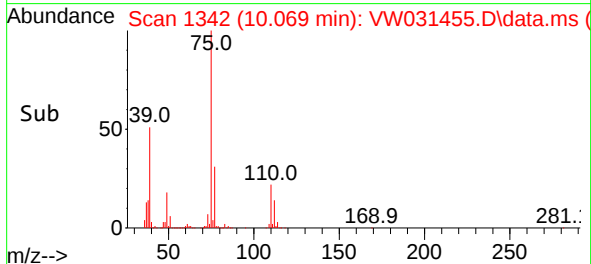
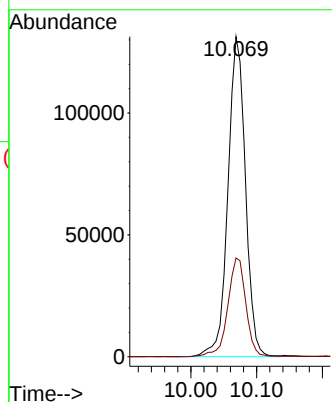
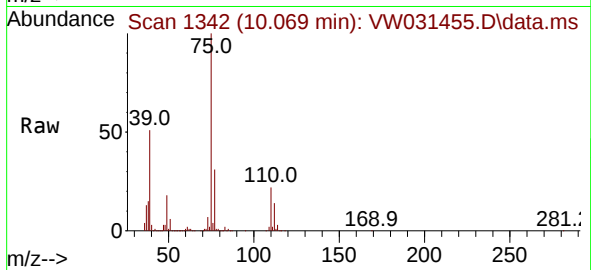




#39
 cis-1,3-Dichloropropene
 Concen: 13.637 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

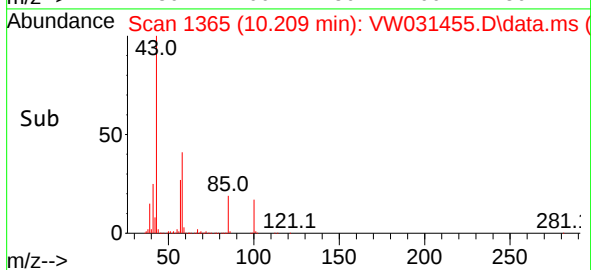
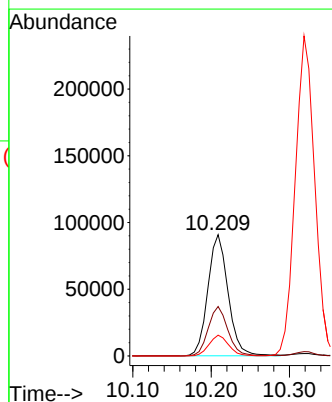
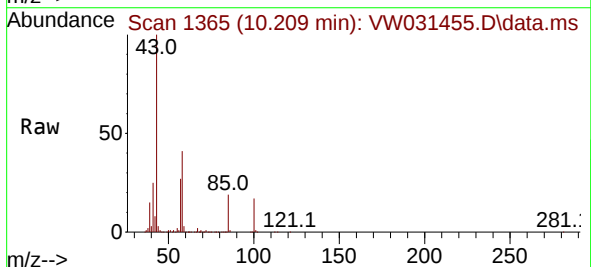
Instrument :
 MSVOA_W
 ClientSampleId :

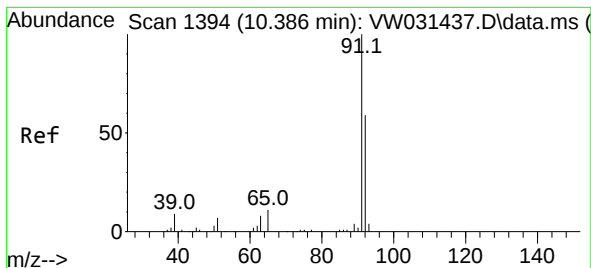
Tgt Ion: 75 Resp: 243415
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 29.006 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW031455.D
 Acq: 21 Dec 2024 03:03

Tgt Ion: 43 Resp: 162555
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.1 46.7
 100 16.7 13.0 19.6





#42

Toluene

Concen: 13.410 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

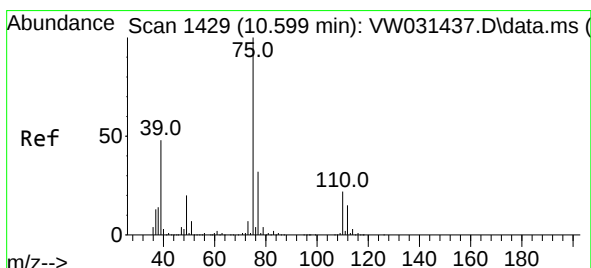
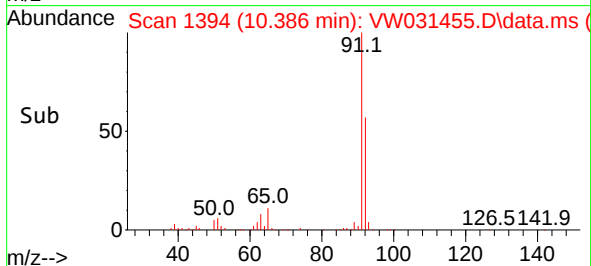
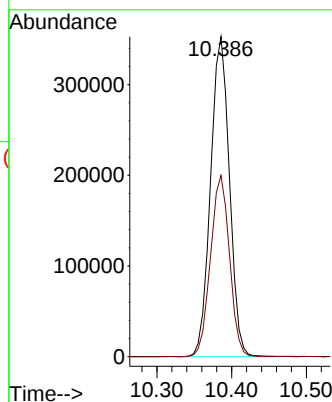
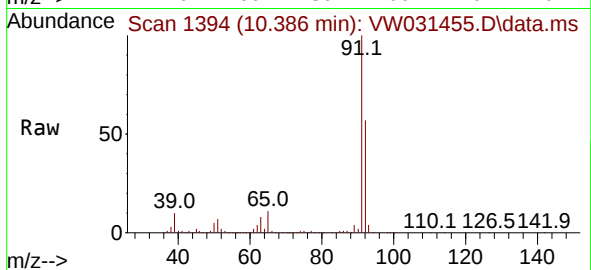
ClientSampleId :

Tgt Ion: 91 Resp: 618203

Ion Ratio Lower Upper

91 100

92 56.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 13.170 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW031455.D

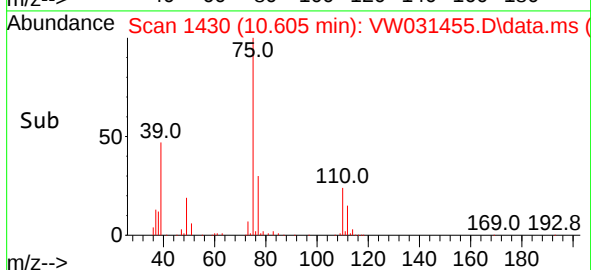
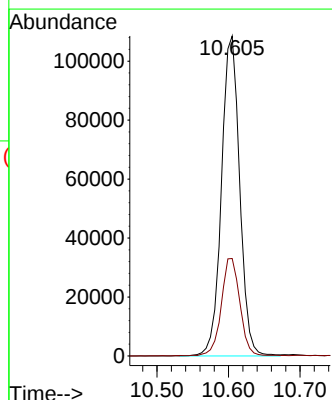
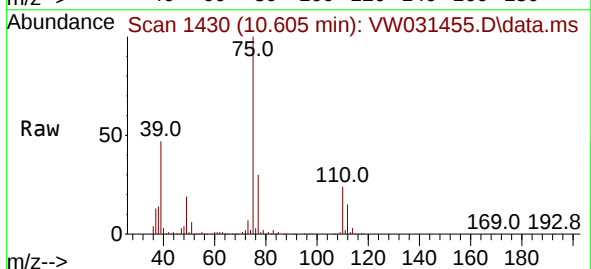
Acq: 21 Dec 2024 03:03

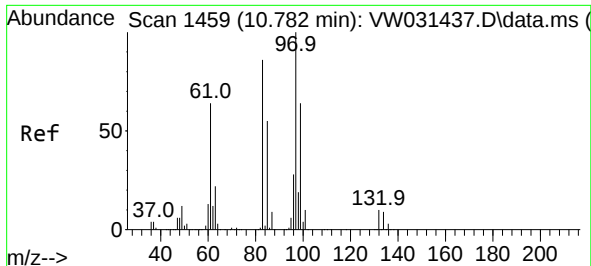
Tgt Ion: 75 Resp: 191944

Ion Ratio Lower Upper

75 100

77 30.5 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 16.338 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 114793

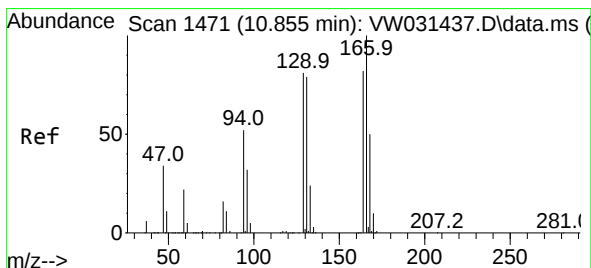
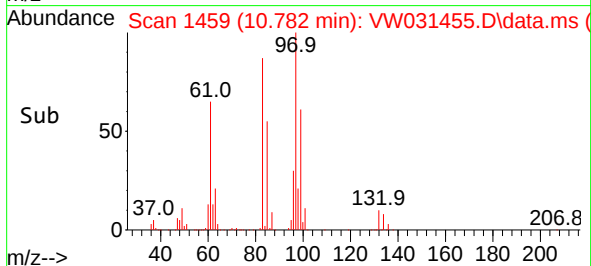
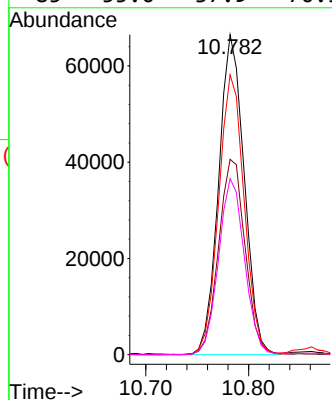
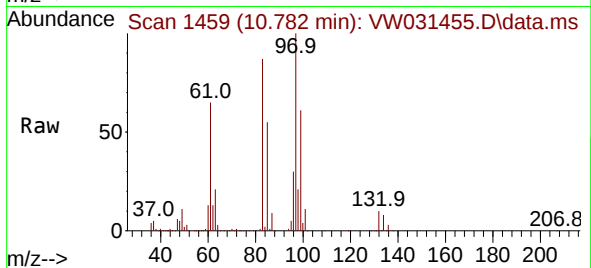
Ion Ratio Lower Upper

97 100

99 61.1 43.0 80.0

83 87.5 56.4 104.7

85 55.0 37.9 70.3



#46

Tetrachloroethene

Concen: 11.741 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Tgt Ion:164 Resp: 102807

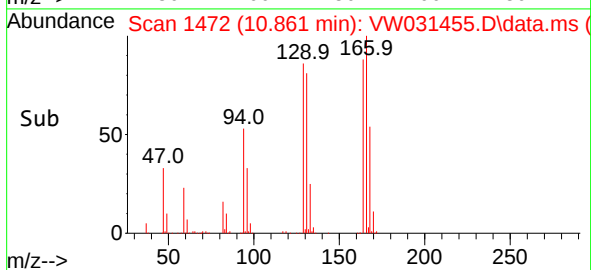
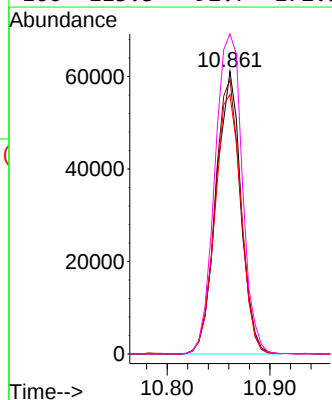
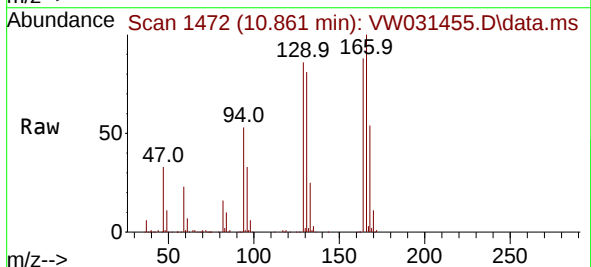
Ion Ratio Lower Upper

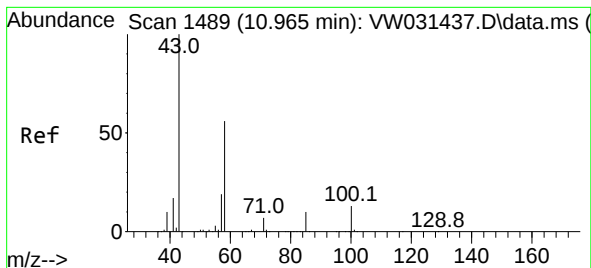
164 100

129 97.1 73.5 136.5

131 91.8 66.6 123.8

166 113.3 92.7 172.3





#48

2-Hexanone

Concen: 25.569 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 121868

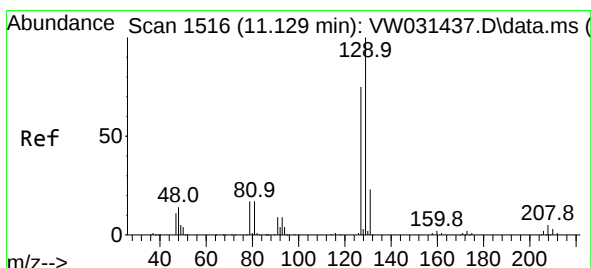
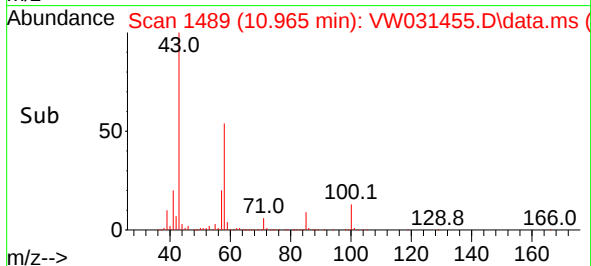
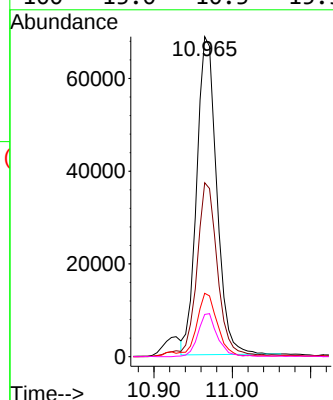
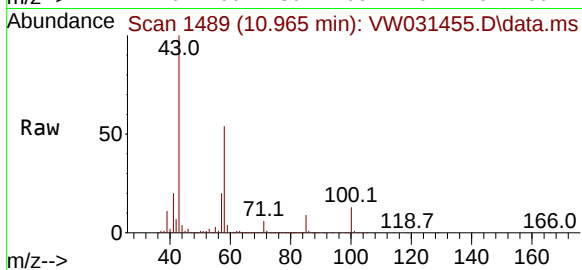
Ion Ratio Lower Upper

43 100

58 54.3 43.0 64.6

57 20.2 15.7 23.5

100 13.0 10.3 15.5



#49

Dibromochloromethane

Concen: 14.400 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW031455.D

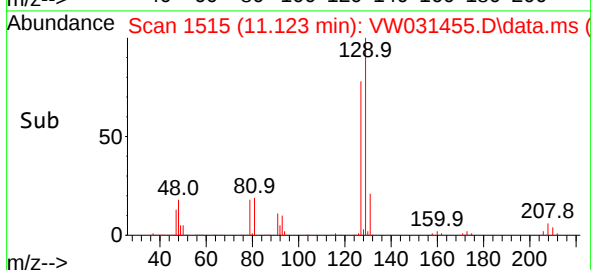
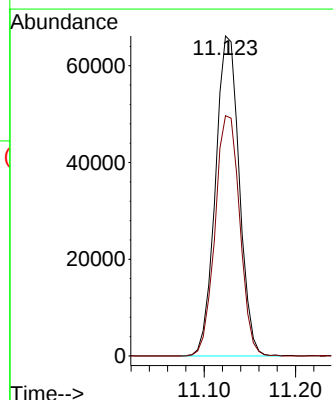
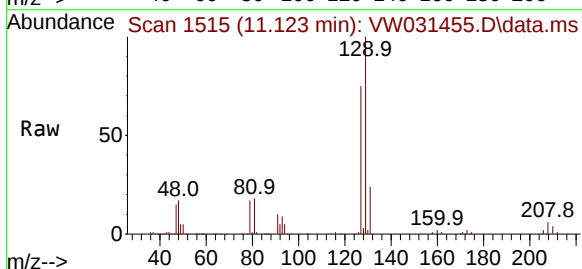
Acq: 21 Dec 2024 03:03

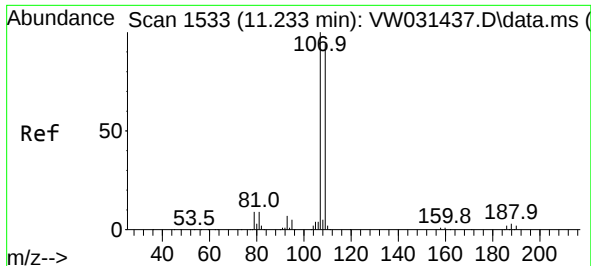
Tgt Ion:129 Resp: 119931

Ion Ratio Lower Upper

129 100

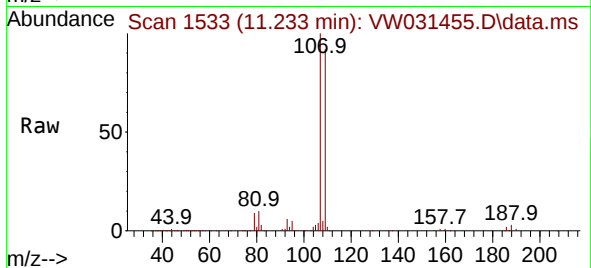
127 75.1 57.6 107.0



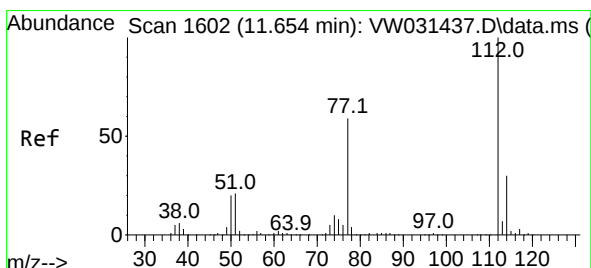
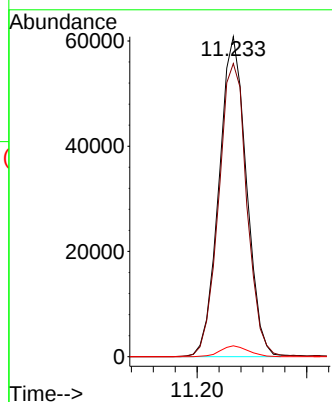
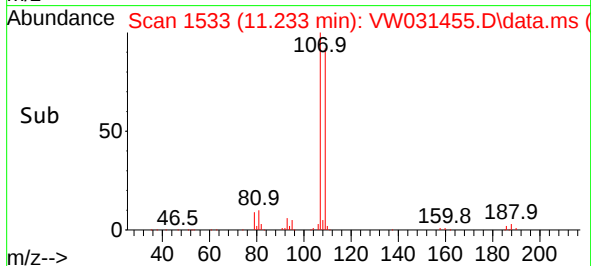


#50
1,2-Dibromoethane
Concen: 15.896 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Instrument :
MSVOA_W
ClientSampleId :

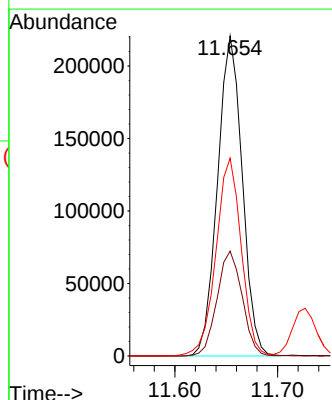
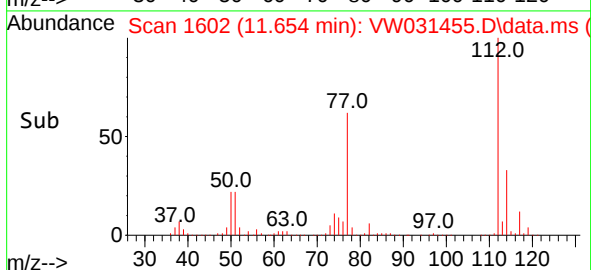
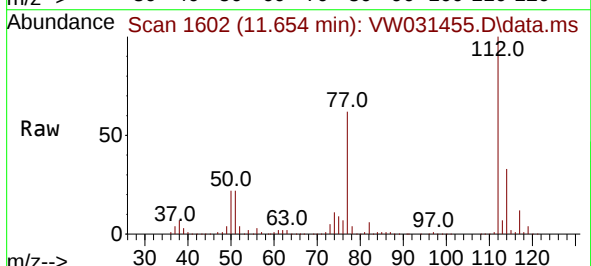


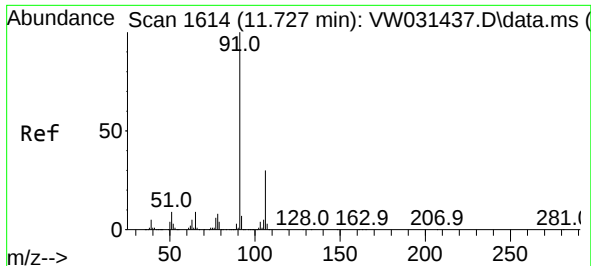
Tgt Ion:107 Resp: 105802
Ion Ratio Lower Upper
107 100
109 91.6 63.2 117.4
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 12.757 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion:112 Resp: 368727
Ion Ratio Lower Upper
112 100
114 32.8 22.7 42.3
77 61.8 50.2 75.4

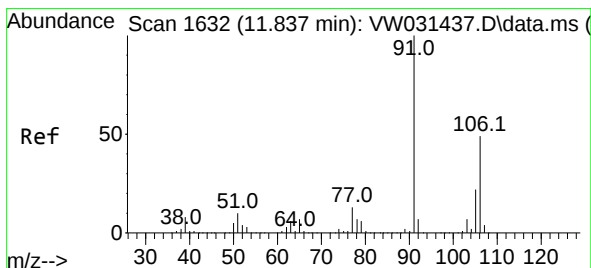
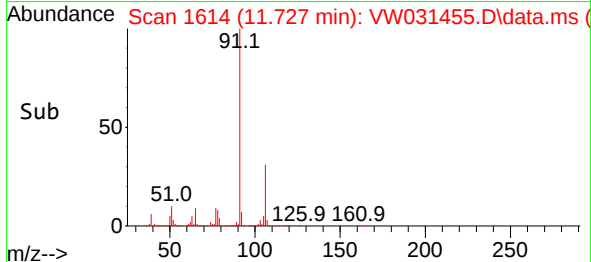
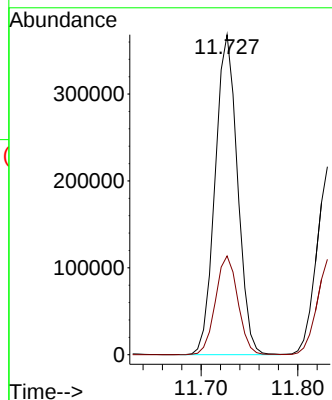
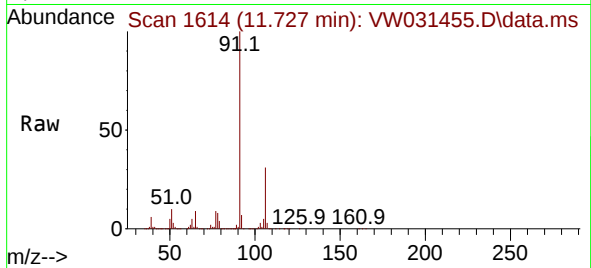




#52
Ethylbenzene
Concen: 11.070 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

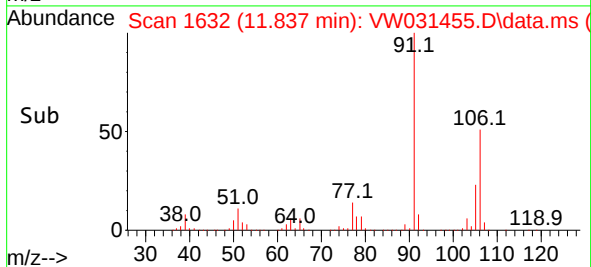
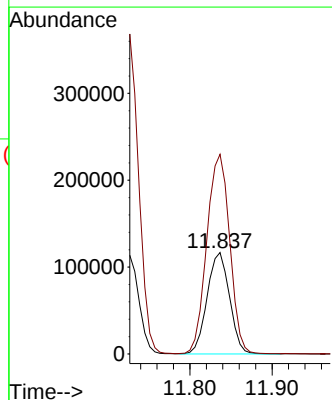
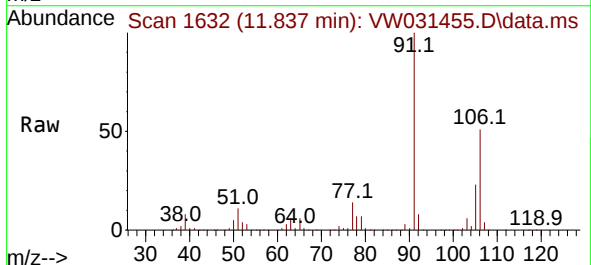
Instrument :
MSVOA_W
ClientSampleId :

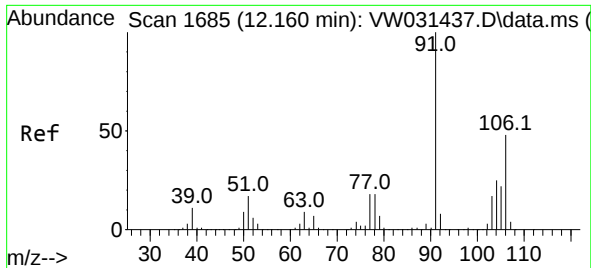
Tgt Ion: 91 Resp: 591486
Ion Ratio Lower Upper
91 100
106 30.9 20.7 38.5



#53
m,p-Xylene
Concen: 10.856 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion:106 Resp: 220808
Ion Ratio Lower Upper
106 100
91 196.7 139.9 259.7

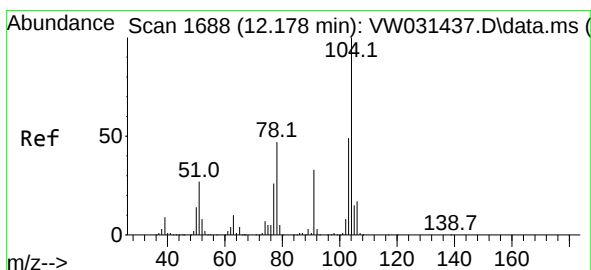
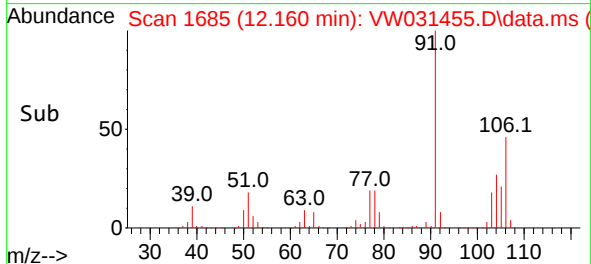
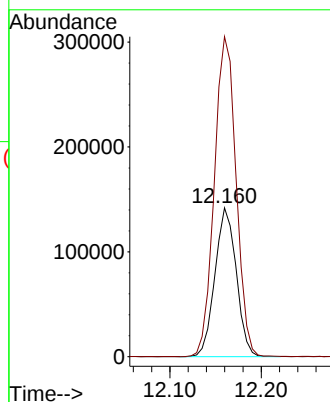
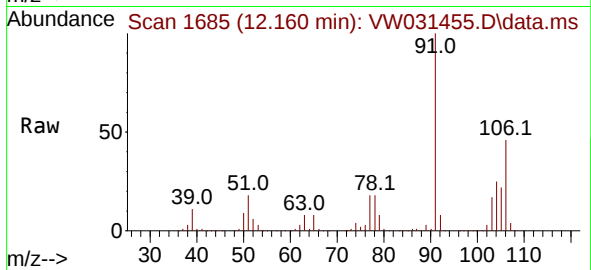




#54
o-Xylene
Concen: 12.006 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

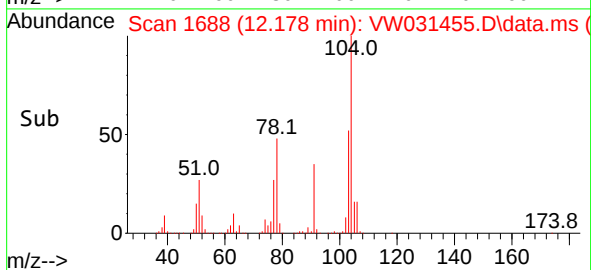
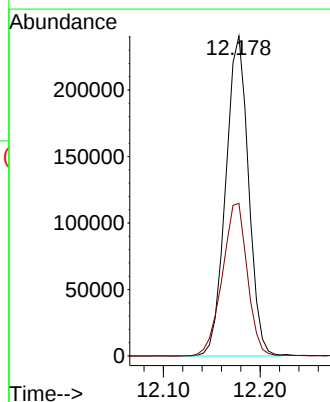
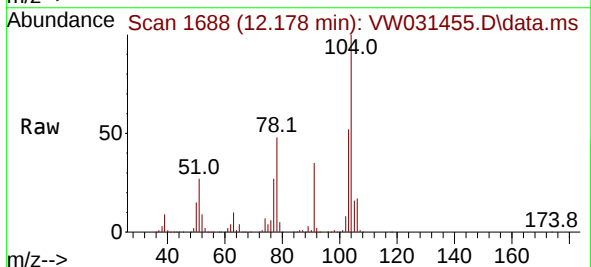
Instrument :
MSVOA_W
ClientSampleId :

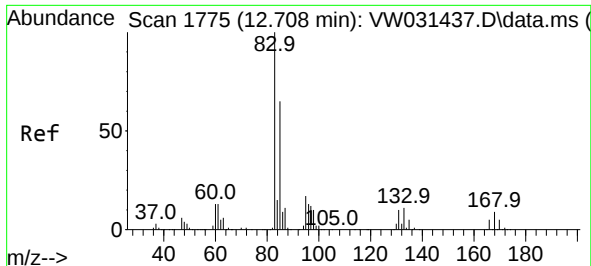
Tgt Ion:106 Resp: 230158
Ion Ratio Lower Upper
106 100
91 215.1 153.1 284.3



#55
Styrene
Concen: 12.345 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion:104 Resp: 393640
Ion Ratio Lower Upper
104 100
78 47.7 31.4 58.4





#57

1,1,2-Tetrachloroethane

Concen: 16.385 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

ClientSampleId :

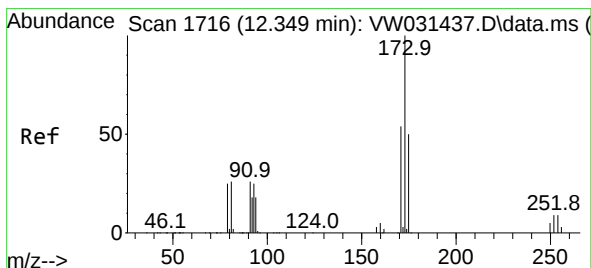
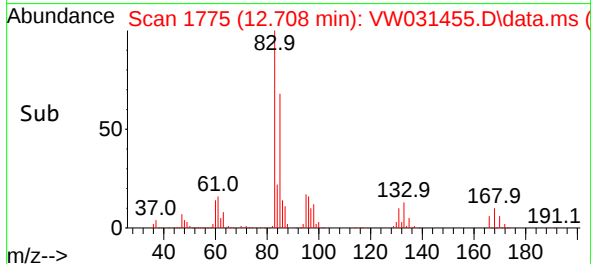
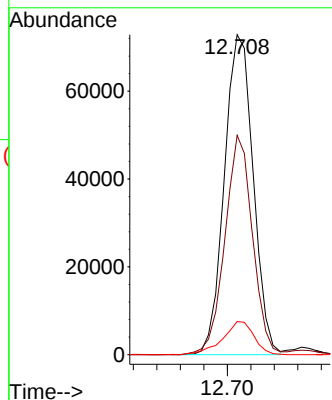
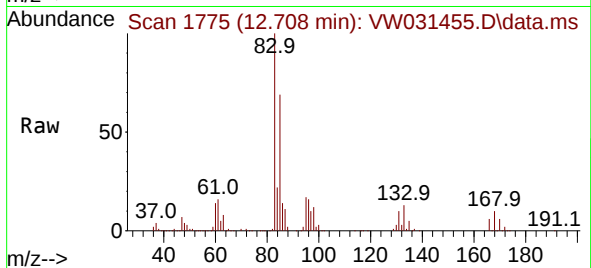
Tgt Ion: 83 Resp: 124103

Ion Ratio Lower Upper

83 100

85 68.5 44.1 81.9

131 10.3 7.9 11.9



#59

Bromoform

Concen: 15.280 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

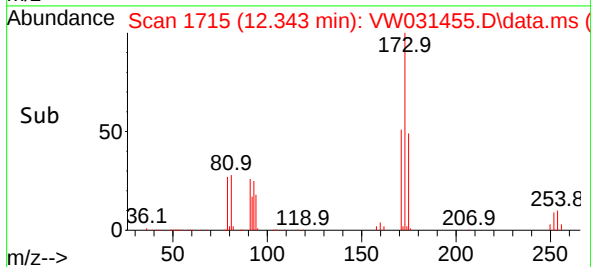
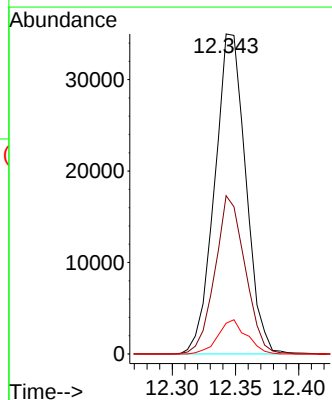
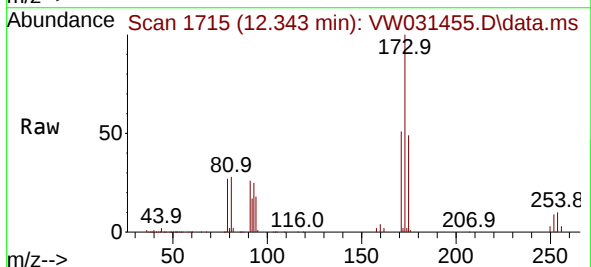
Tgt Ion:173 Resp: 59914

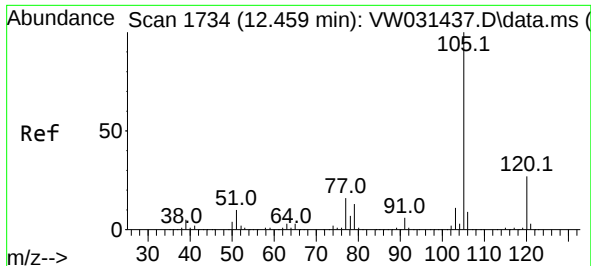
Ion Ratio Lower Upper

173 100

175 47.8 38.6 57.8

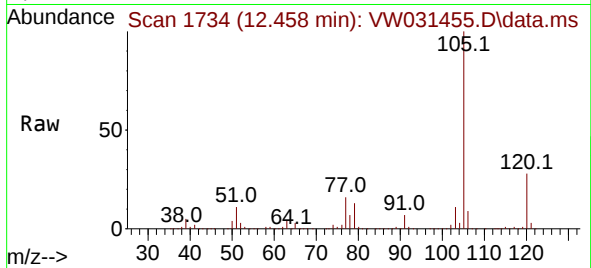
254 9.8 7.6 11.4



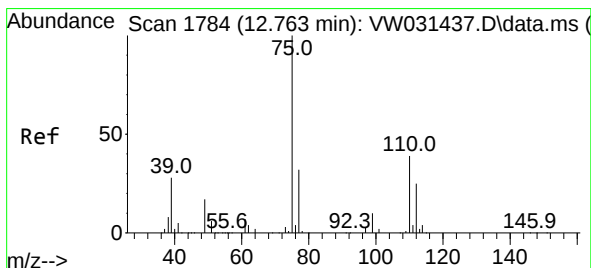
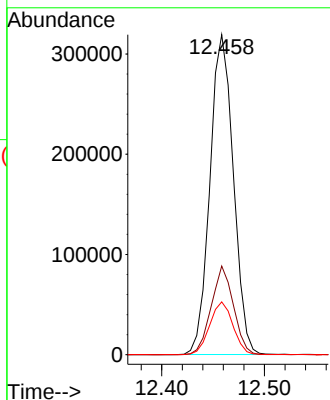
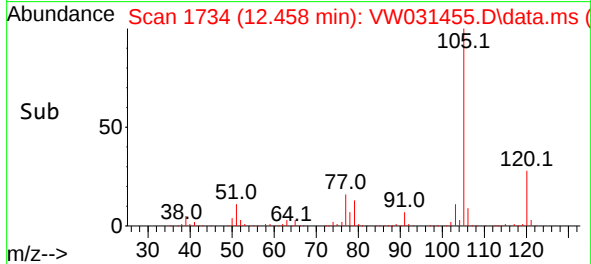


#60
Isopropylbenzene
Concen: 11.064 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

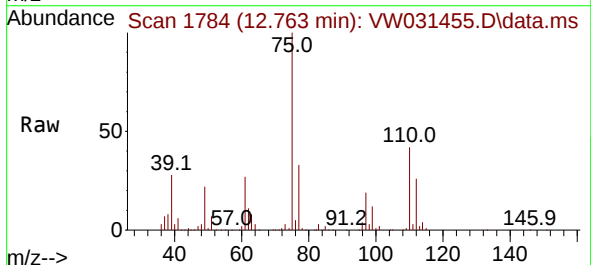
Instrument :
MSVOA_W
ClientSampleId :



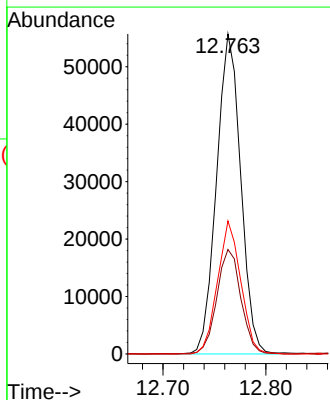
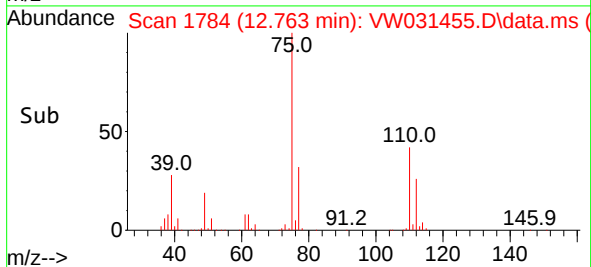
Tgt Ion:105 Resp: 505360
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 16.3 12.8 19.2

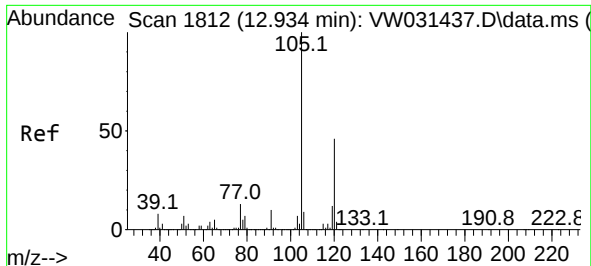


#61
1,2,3-Trichloropropane
Concen: 19.014 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03



Tgt Ion: 75 Resp: 90810
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 39.9 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 10.798 ug/L

RT: 12.940 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

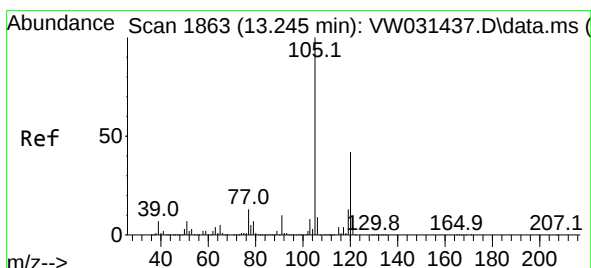
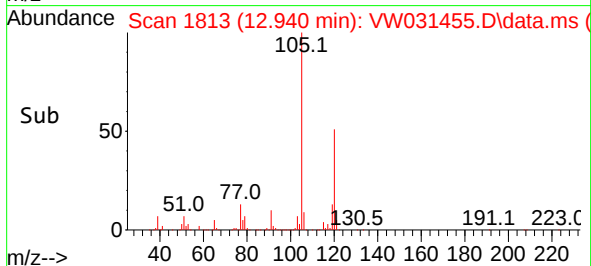
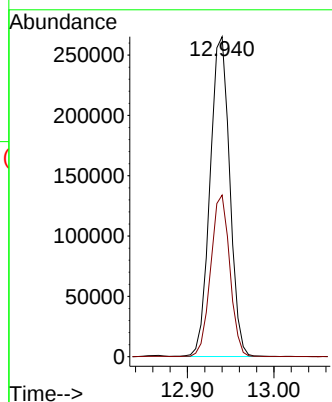
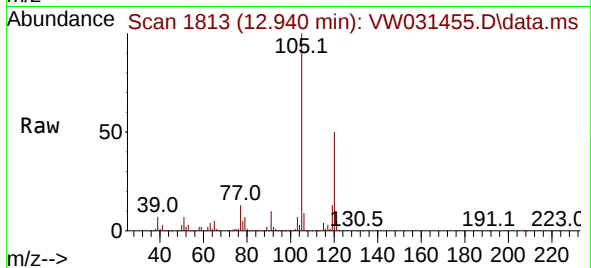
ClientSampleId :

Tgt Ion:105 Resp: 418135

Ion Ratio Lower Upper

105 100

120 49.1 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 11.352 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031455.D

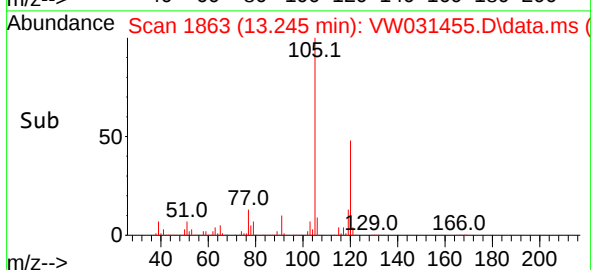
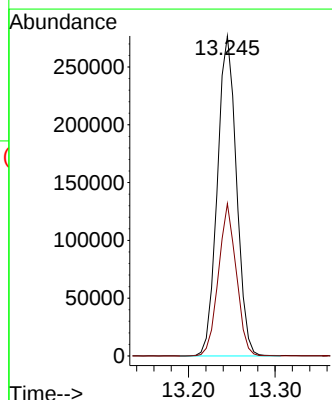
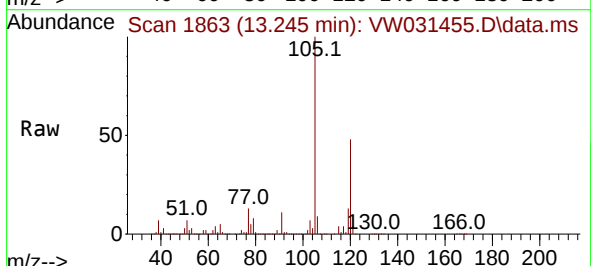
Acq: 21 Dec 2024 03:03

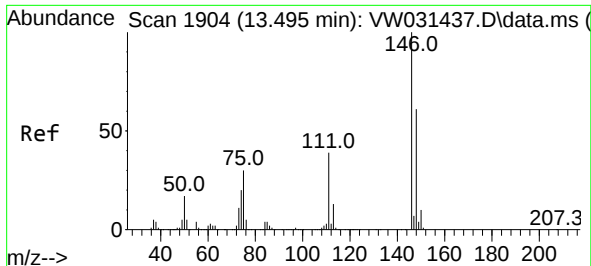
Tgt Ion:105 Resp: 424885

Ion Ratio Lower Upper

105 100

120 44.4 35.0 52.4

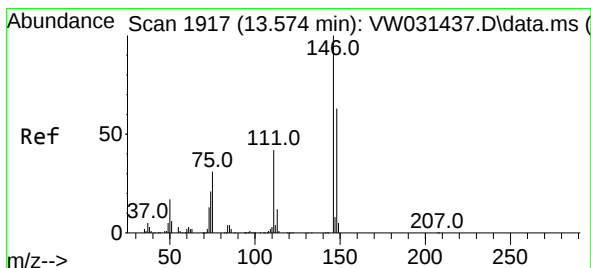
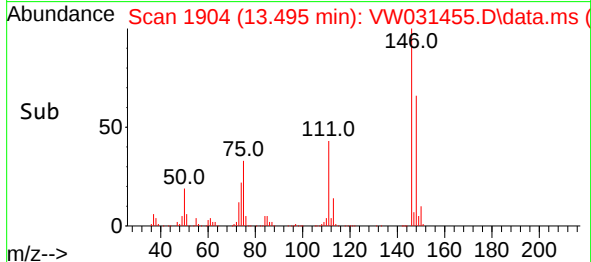
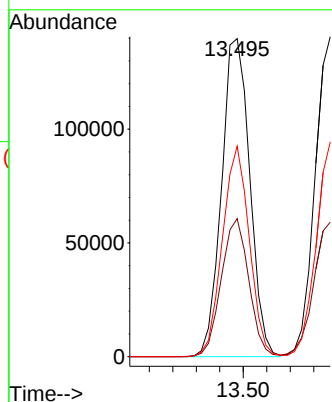
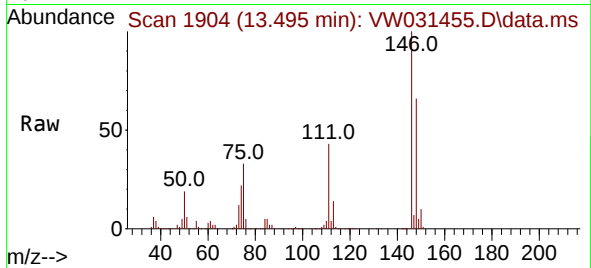




#64
1,3-Dichlorobenzene
Concen: 12.605 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

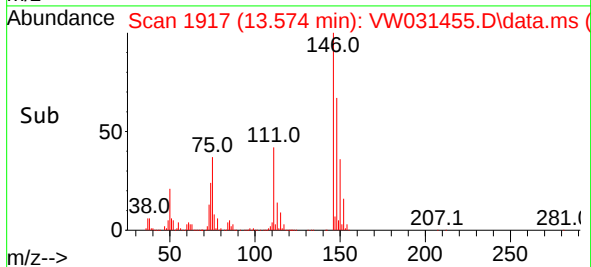
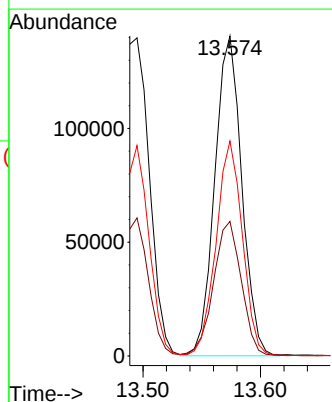
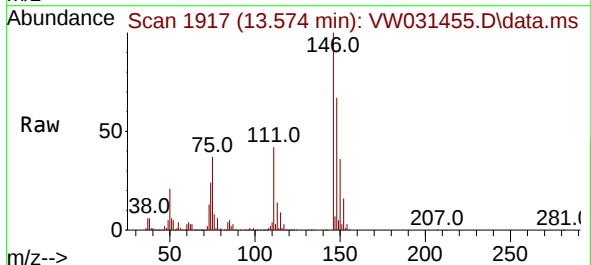
Instrument :
MSVOA_W
ClientSampleId :

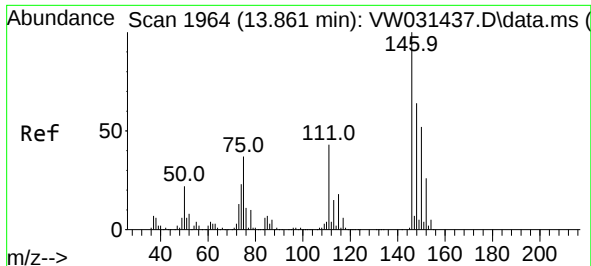
Tgt Ion:146 Resp: 233263
Ion Ratio Lower Upper
146 100
111 43.4 27.6 51.2
148 66.1 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 12.254 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion:146 Resp: 224685
Ion Ratio Lower Upper
146 100
111 42.1 30.7 56.9
148 67.1 46.5 86.3

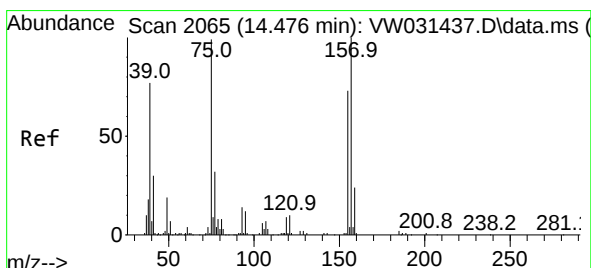
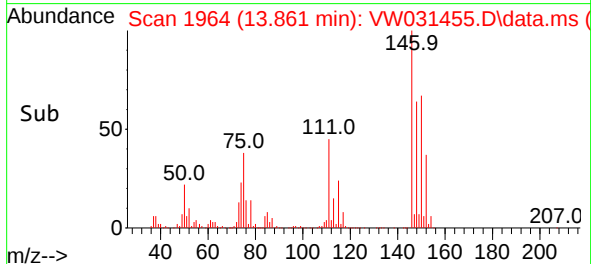
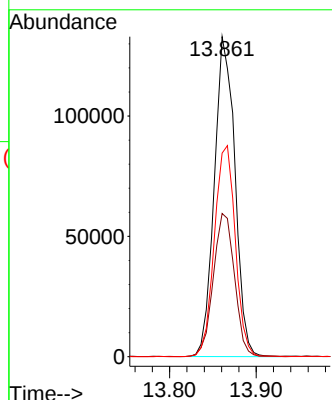
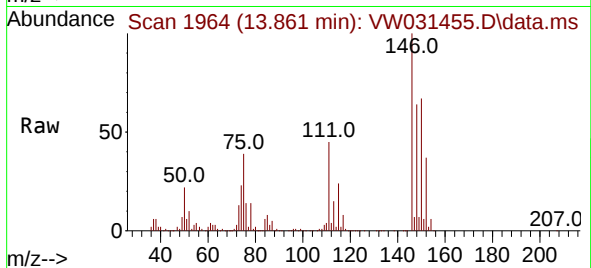




#67
1,2-Dichlorobenzene
Concen: 13.787 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

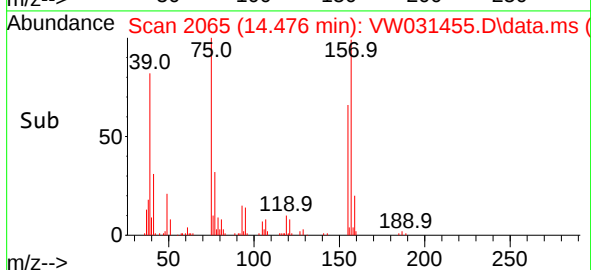
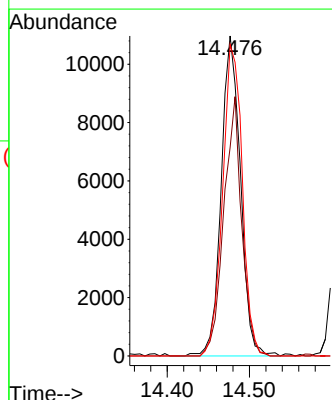
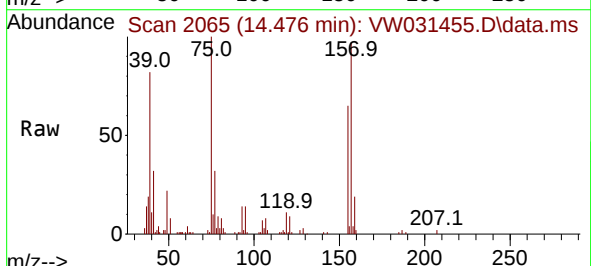
Instrument :
MSVOA_W
ClientSampleId :

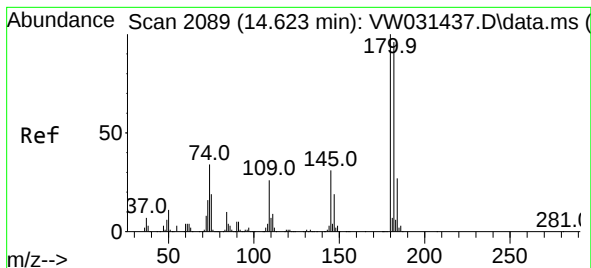
Tgt Ion:146 Resp: 219838
Ion Ratio Lower Upper
146 100
111 44.7 38.6 58.0
148 63.6 53.6 80.4



#68
1,2-Dibromo-3-chloropropane
Concen: 14.735 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031455.D
Acq: 21 Dec 2024 03:03

Tgt Ion: 75 Resp: 17859
Ion Ratio Lower Upper
75 100
155 65.1 56.6 85.0
157 97.3 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 9.935 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

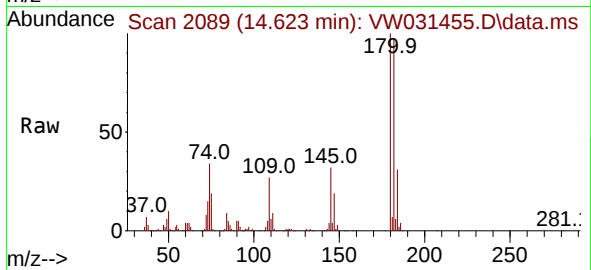
Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 128764

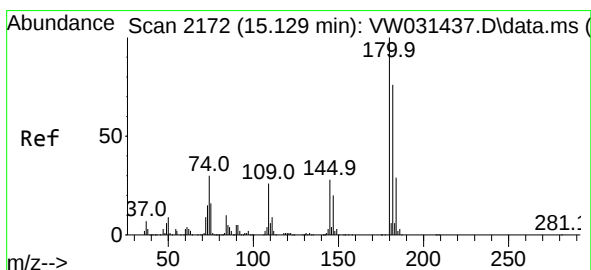
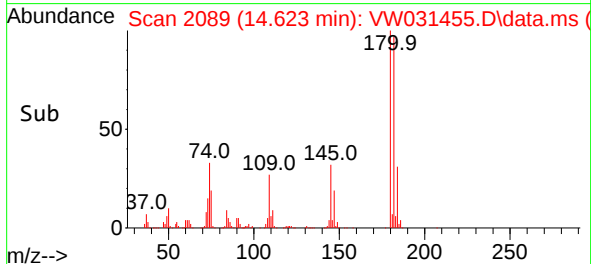
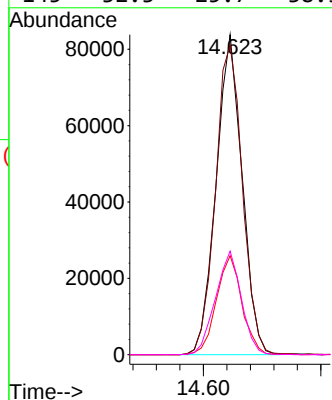
Ion Ratio Lower Upper

180 100

182 100.3 75.0 112.4

184 30.3 24.6 36.8

145 32.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 10.751 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

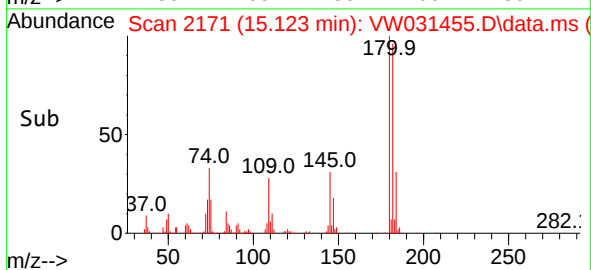
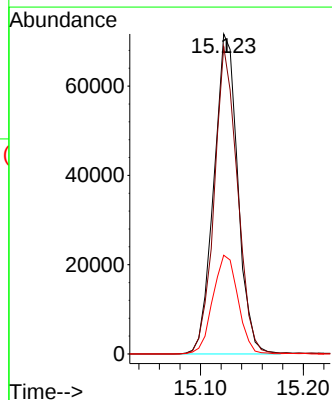
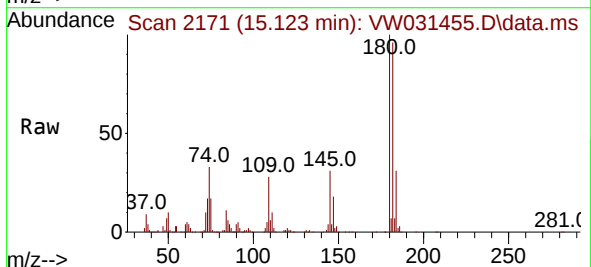
Tgt Ion:180 Resp: 115904

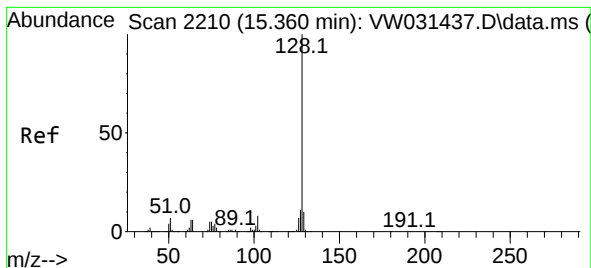
Ion Ratio Lower Upper

180 100

182 93.1 78.2 117.2

145 32.5 26.7 40.1





#71

Naphthalene

Concen: 15.359 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Instrument :

MSVOA_W

ClientSampleId :

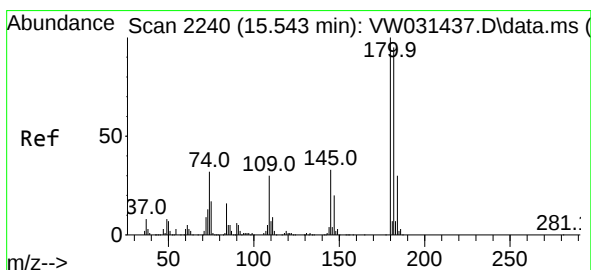
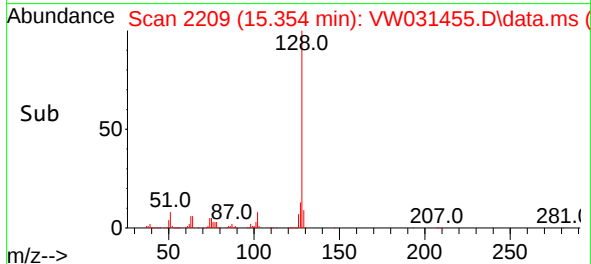
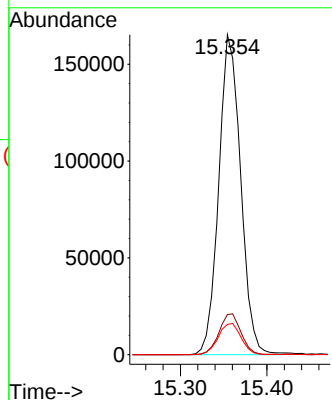
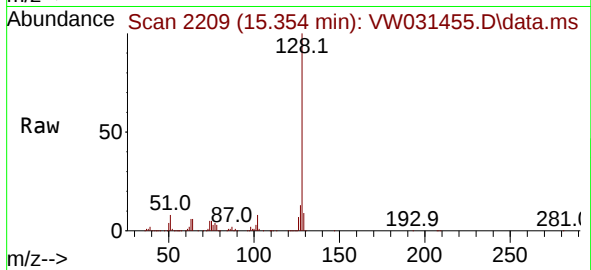
Tgt Ion:128 Resp: 290312

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.2 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 11.992 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW031455.D

Acq: 21 Dec 2024 03:03

Tgt Ion:180 Resp: 104166

Ion Ratio Lower Upper

180 100

182 96.5 75.0 112.4

145 35.3 27.8 41.6

