

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031456.D
 Acq On : 21 Dec 2024 03:27
 Operator : SY/MD
 Sample : P5333-21MS
 Misc : 10.36g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 03 12:53:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	381663	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	169845	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	31097	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	176730	30.775	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.120%	
7) Chloroethane-d5	2.899	69	129222	30.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.680%	
11) 1,1-Dichloroethene-d2	4.015	65	56711	20.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 83.280%	
21) 2-Butanone-d5	7.087	46	23	0.021	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 0.040%#	
24) Chloroform-d	7.648	84	208379	19.927	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 79.720%	
26) 1,2-Dichloroethane-d4	8.307	65	121742	23.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 92.720%	
32) Benzene-d6	8.270	84	370282	34.014	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 136.040%#	
36) 1,2-Dichloropropane-d6	9.270	67	113100	35.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 142.600%#	
41) Toluene-d8	10.319	98	219922	21.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 86.880%	
43) trans-1,3-Dichloroprop...	10.575	79	1736	1.187	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 4.760%#	
47) 2-Hexanone-d5	10.928	63	365	0.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 1.720%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	54077	27.147	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.600%	
66) 1,2-Dichlorobenzene-d4	13.848	152	20004	17.328	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 69.320%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	89912	26.067	ug/L	99
3) Chloromethane	2.216	50	58607	15.124	ug/L	97
5) Vinyl chloride	2.369	62	133163	24.797	ug/L	97
6) Bromomethane	2.789	94	2303	0.698	ug/L	91
8) Chloroethane	2.936	64	82033	25.686	ug/L	98
9) Trichlorofluoromethane	3.265	101	125762	21.983	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	120946	26.181	ug/L	98
12) 1,1-Dichloroethene	4.045	96	84409	18.040	ug/L	88
13) Acetone	4.167	43	37164	24.675	ug/L #	100
14) Carbon disulfide	4.387	76	156904	10.283	ug/L	100
15) Methyl Acetate	4.704	43	3575	2.090	ug/L #	65
16) Methylene chloride	4.917	84	124257	25.875	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	79671	15.797	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	210527	24.969	ug/L	99
19) 1,1-Dichloroethane	6.216	63	173942	18.456	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	87669	16.066	ug/L	98
22) 2-Butanone	7.179	43	68143	37.341	ug/L	80
23) Bromochloromethane	7.520	128	55086	25.312	ug/L	87
25) Chloroform	7.679	83	178825	19.225	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

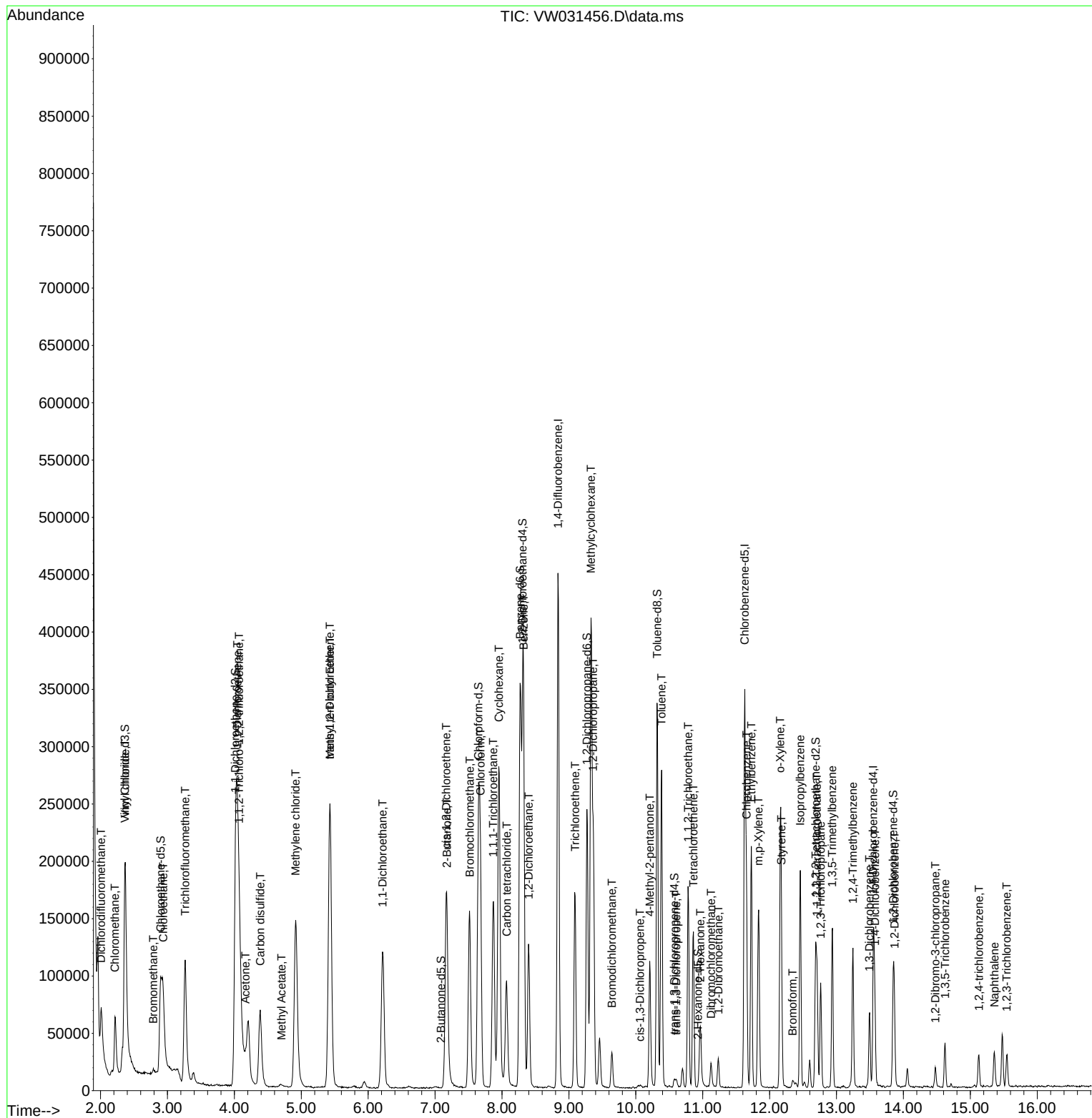
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114904	19.650	ug/L	98
29) Cyclohexane	7.953	56	161696	35.105	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	133178	30.337	ug/L	98
31) Carbon tetrachloride	8.069	117	67459	17.248	ug/L	99
33) Benzene	8.325	78	296861	28.283	ug/L	100
34) Trichloroethene	9.093	95	60779	20.511	ug/L	94
35) Methylcyclohexane	9.331	83	168834	32.717	ug/L	99
37) 1,2-Dichloropropane	9.361	63	79027	30.181	ug/L	100
38) Bromodichloromethane	9.642	83	21179	6.222	ug/L	98
39) cis-1,3-Dichloropropene	10.063	75	1609	0.364	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	74491	53.622	ug/L	99
42) Toluene	10.386	91	201774	17.657	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	2700	0.747	ug/L #	80
45) 1,1,2-Trichloroethane	10.782	97	55284	31.743	ug/L	95
46) Tetrachloroethene	10.861	164	29587	13.631	ug/L	96
48) 2-Hexanone	10.965	43	43217	36.579	ug/L #	77
49) Dibromochloromethane	11.123	129	8895	4.309	ug/L	86
50) 1,2-Dibromoethane	11.233	107	17111	10.371	ug/L	97
51) Chlorobenzene	11.654	112	90740	12.665	ug/L	96
52) Ethylbenzene	11.727	91	145729	11.003	ug/L	97
53) m,p-Xylene	11.837	106	50012	9.919	ug/L	97
54) o-Xylene	12.160	106	55300	11.638	ug/L	97
55) Styrene	12.178	104	50714	6.416	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	45241	24.097	ug/L	100
59) Bromoform	12.343	173	2675	6.123	ug/L #	98
60) Isopropylbenzene	12.458	105	119527	23.488	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	38200	71.788	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	75131	17.414	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	64403	15.444	ug/L	98
64) 1,3-Dichlorobenzene	13.489	146	25637	12.434	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	25707	12.584	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	25857	14.555	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	4025	29.807	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	11195	7.753	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	8450	7.035	ug/L	99
71) Naphthalene	15.360	128	26373	12.523	ug/L	96
72) 1,2,3-Trichlorobenzene	15.543	180	8576	8.861	ug/L	98

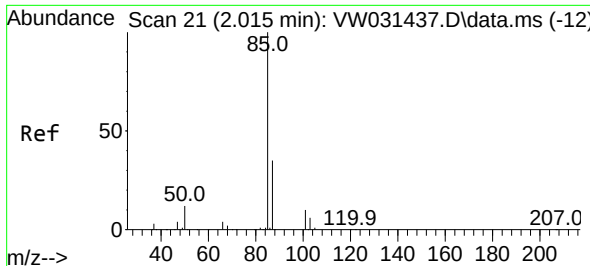
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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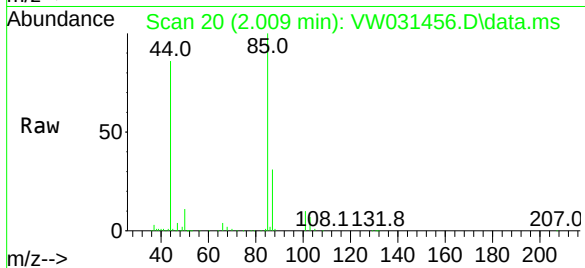
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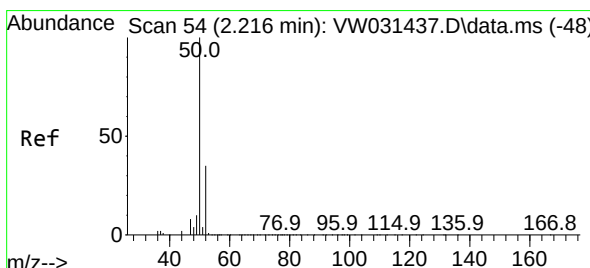
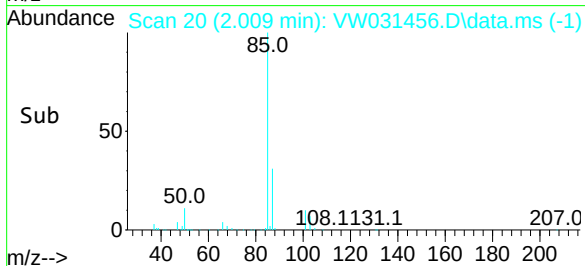
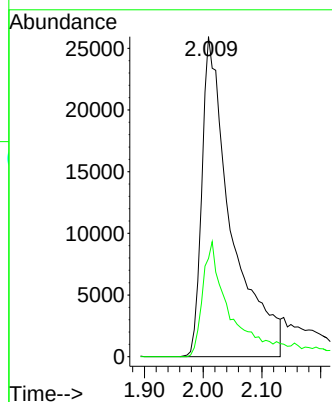


#2
 Dichlorodifluoromethane
 Concen: 26.067 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031456.D
 Acq: 21 Dec 2024 03:27

Instrument :
 MSVOA_W
 ClientSampleId :

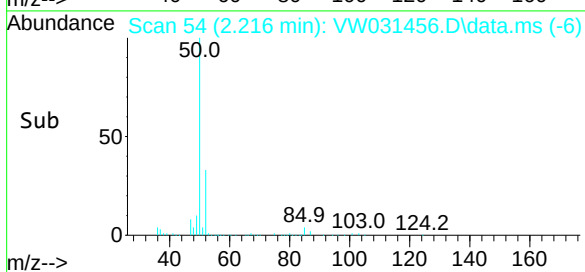
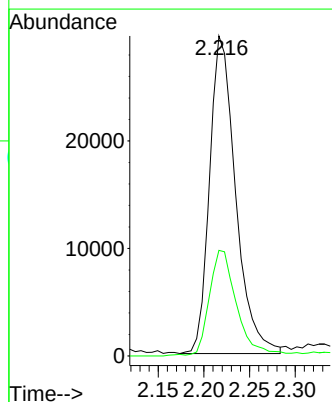
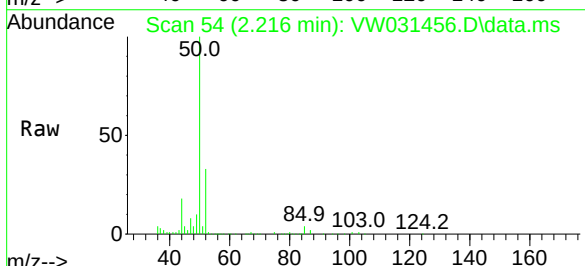


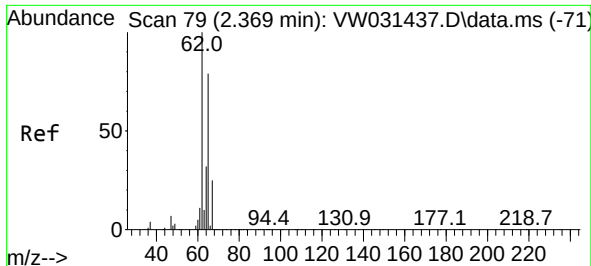
Tgt Ion: 85 Resp: 89912
 Ion Ratio Lower Upper
 85 100
 87 30.8 24.9 37.3



#3
 Chloromethane
 Concen: 15.124 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW031456.D
 Acq: 21 Dec 2024 03:27

Tgt Ion: 50 Resp: 58607
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 41.0

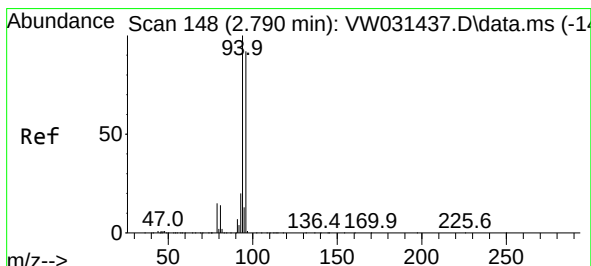
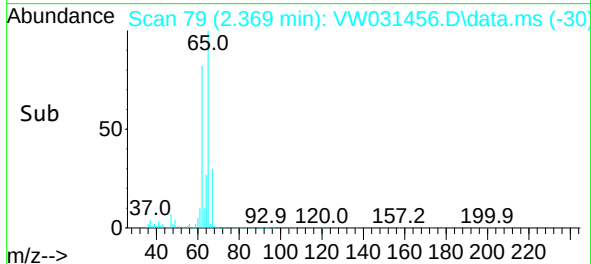
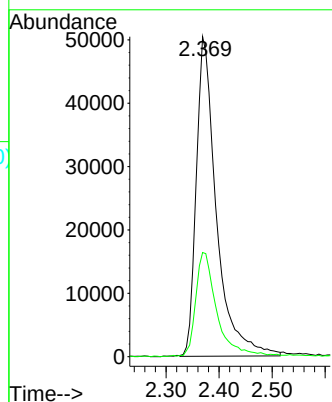
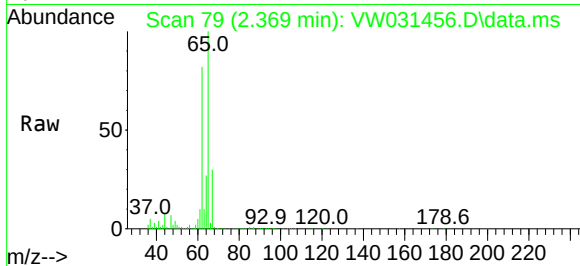




#5
 Vinyl chloride
 Concen: 24.797 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031456.D
 Acq: 21 Dec 2024 03:27

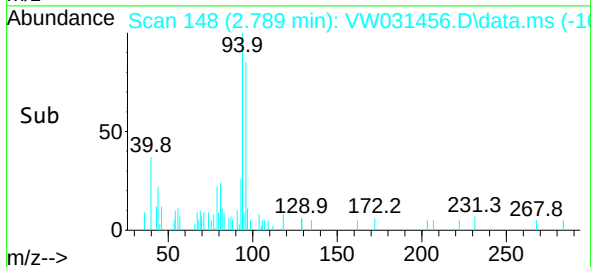
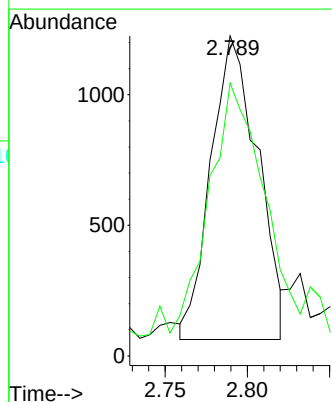
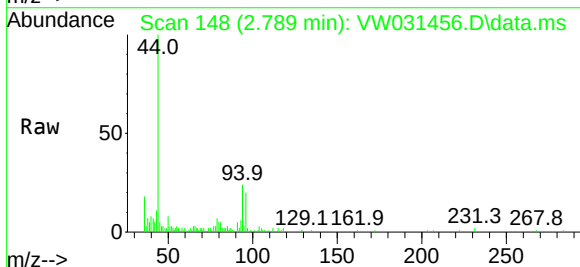
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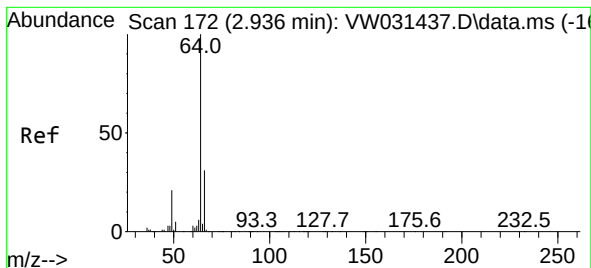
Tgt Ion: 62 Resp: 133163
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.1 44.8



#6
 Bromomethane
 Concen: 0.698 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031456.D
 Acq: 21 Dec 2024 03:27

Tgt Ion: 94 Resp: 2303
 Ion Ratio Lower Upper
 94 100
 96 85.2 65.6 121.8





#8

Chloroethane

Concen: 25.686 ug/L

RT: 2.936 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

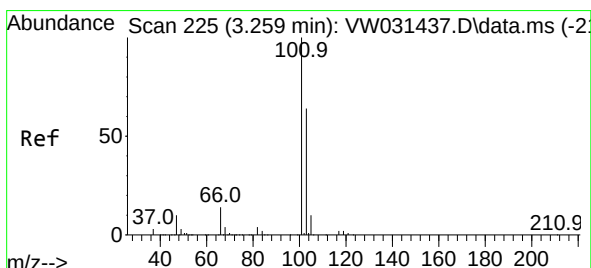
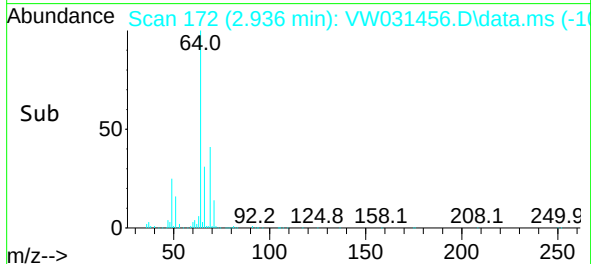
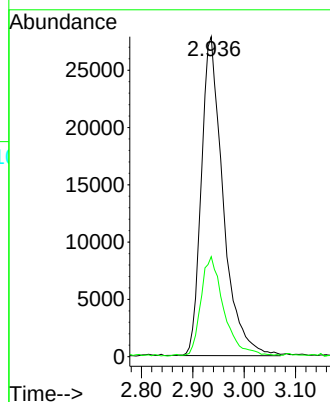
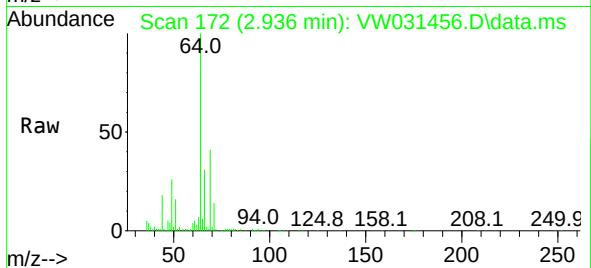
ClientSampleId :

Tgt Ion: 64 Resp: 82033

Ion Ratio Lower Upper

64 100

66 31.3 22.7 42.3



#9

Trichlorofluoromethane

Concen: 21.983 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.006 min

Lab File: VW031456.D

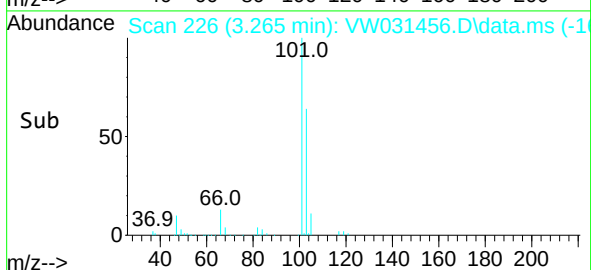
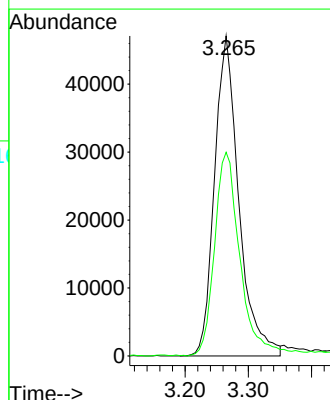
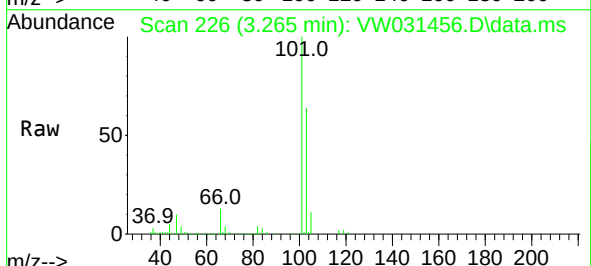
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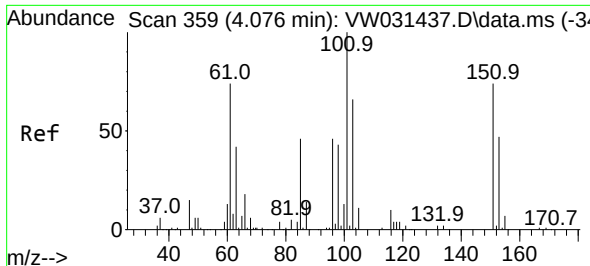
Tgt Ion:101 Resp: 125762

Ion Ratio Lower Upper

101 100

103 66.5 51.6 77.4

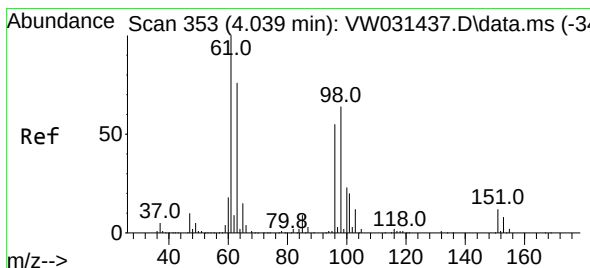
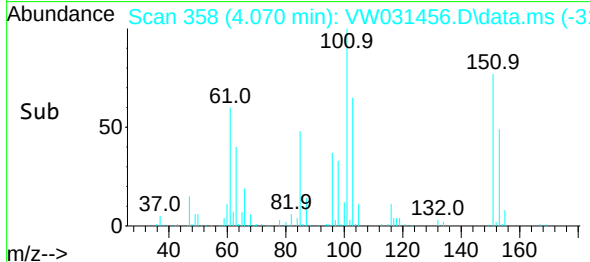
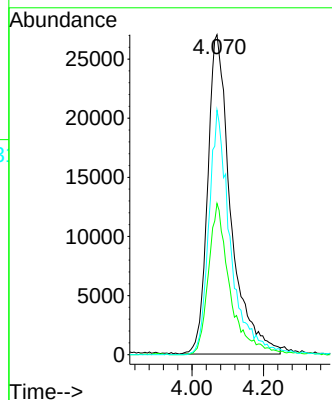
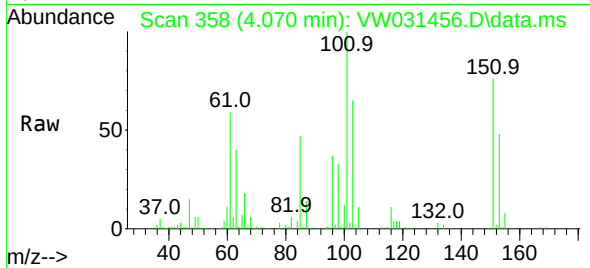




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.181 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031456.D
 Acq: 21 Dec 2024 03:27

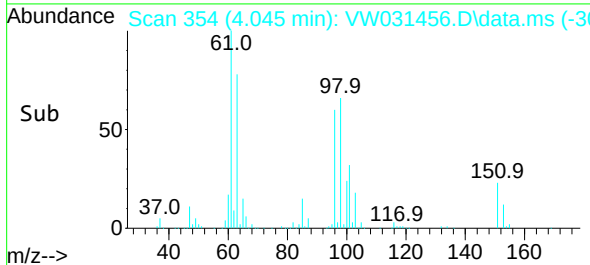
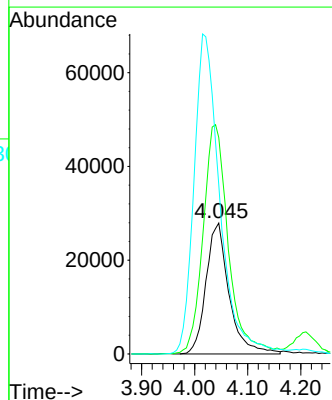
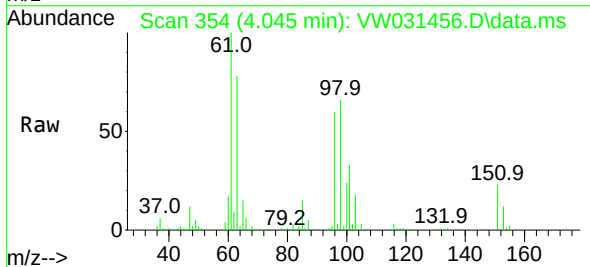
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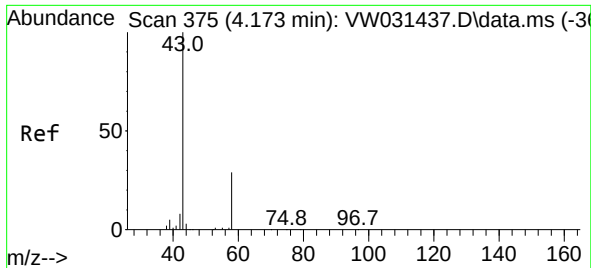
Tgt Ion:101 Resp: 120946
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.0 49.4
 151 65.9 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 18.040 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW031456.D
 Acq: 21 Dec 2024 03:27

Tgt Ion: 96 Resp: 84409
 Ion Ratio Lower Upper
 96 100
 61 165.4 125.3 232.7
 63 129.5 104.6 194.2

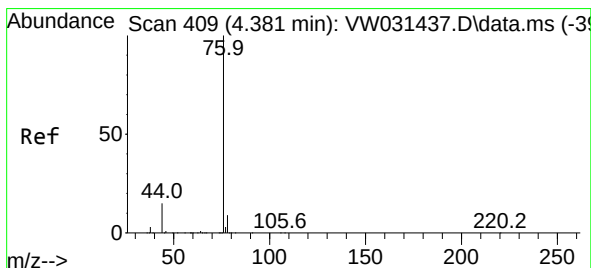
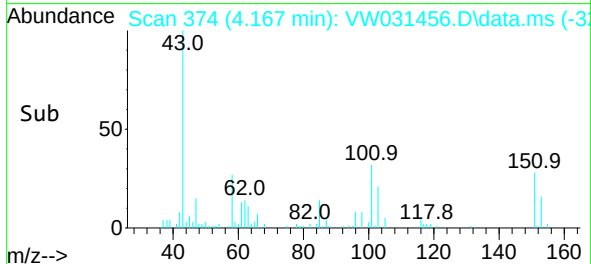
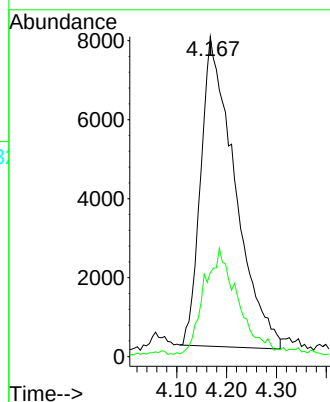
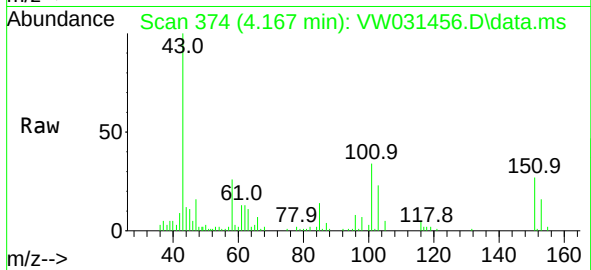




#13
Acetone
Concen: 24.675 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

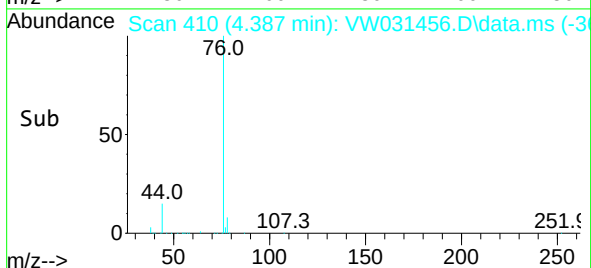
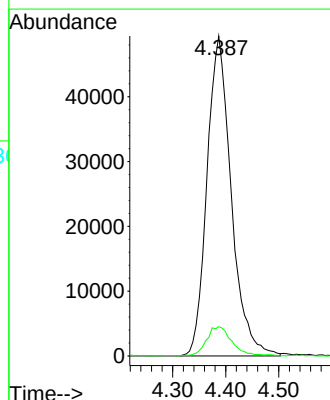
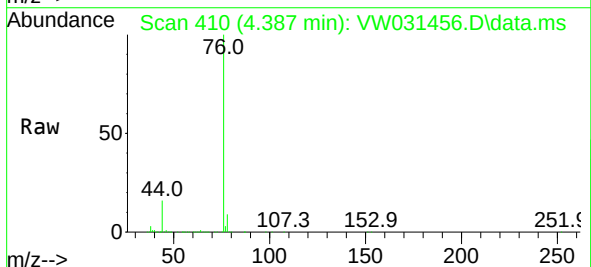
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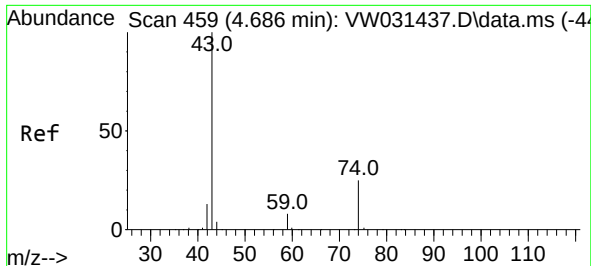
Tgt Ion: 43 Resp: 37164
Ion Ratio Lower Upper
43 100
58 7.4 0.0 0.0#



#14
Carbon disulfide
Concen: 10.283 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031456.D
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Tgt Ion: 76 Resp: 156904
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

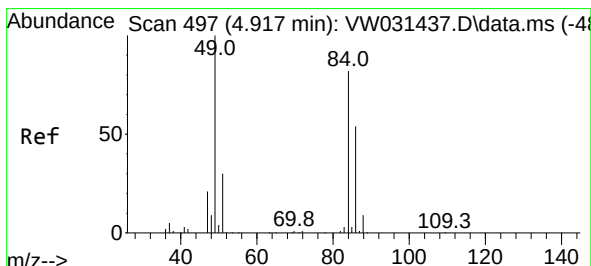
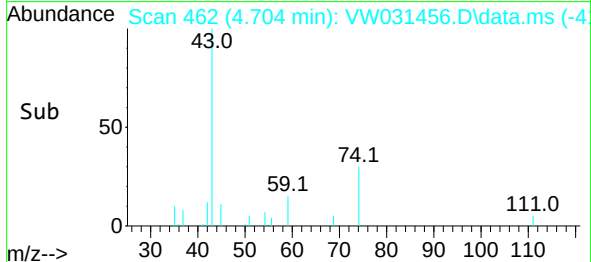
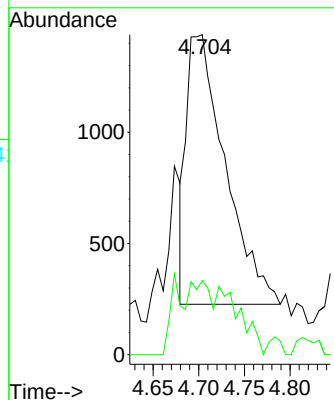
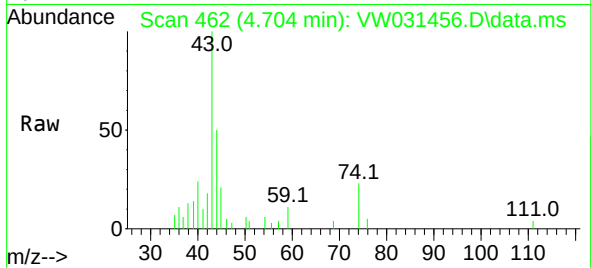




#15
Methyl Acetate
Concen: 2.090 ug/L
RT: 4.704 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

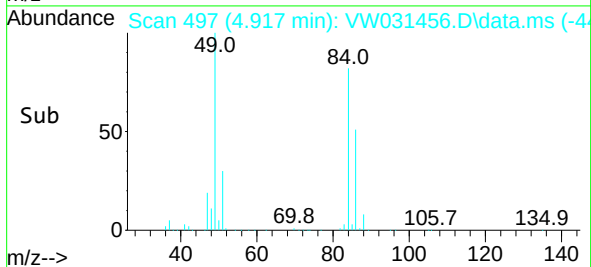
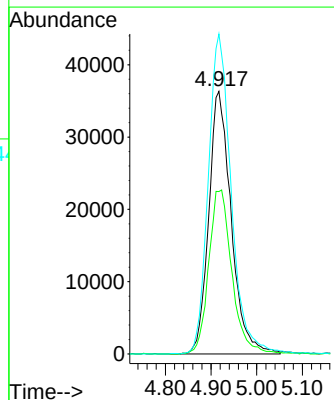
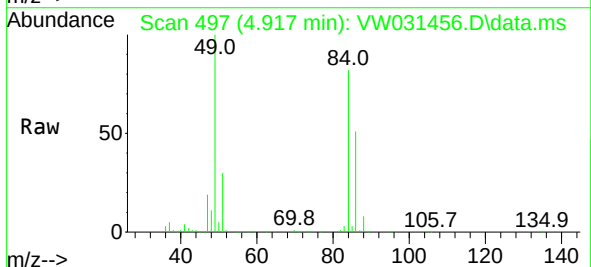
Instrument :
MSVOA_W
ClientSampleId :

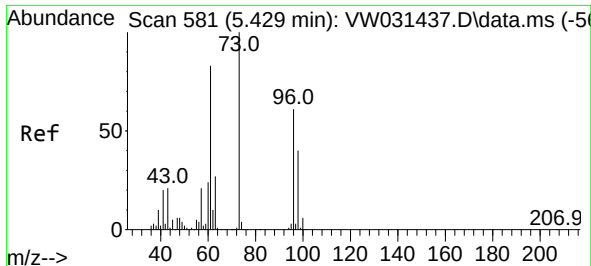
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
74 6.3 18.9 28.3#



#16
Methylene chloride
Concen: 25.875 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

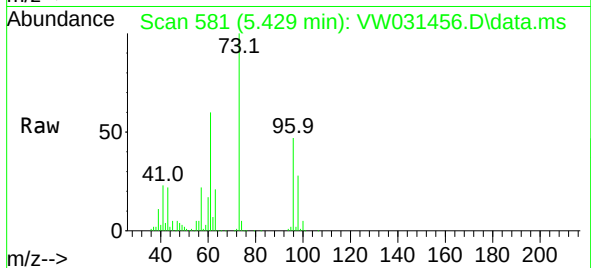
Tgt Ion: 84 Resp: 124257
Ion Ratio Lower Upper
84 100
86 61.8 44.7 82.9
49 121.9 88.3 164.1



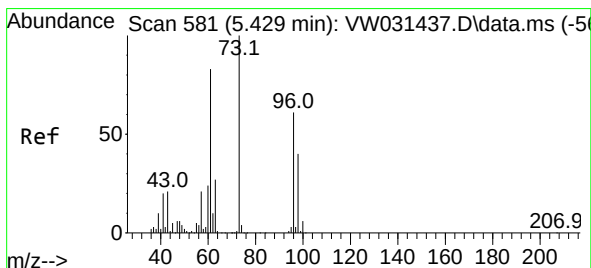
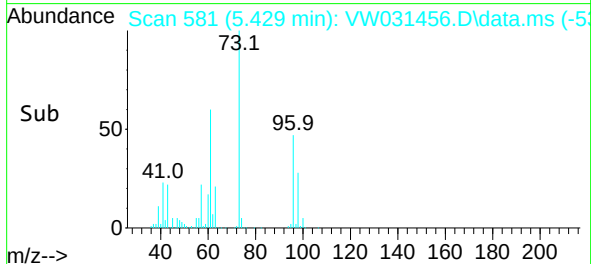
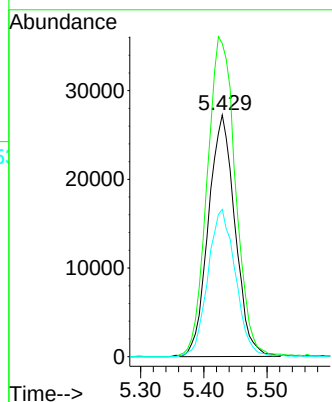


#17
trans-1,2-Dichloroethene
Concen: 15.797 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Instrument :
MSVOA_W
ClientSampleId :

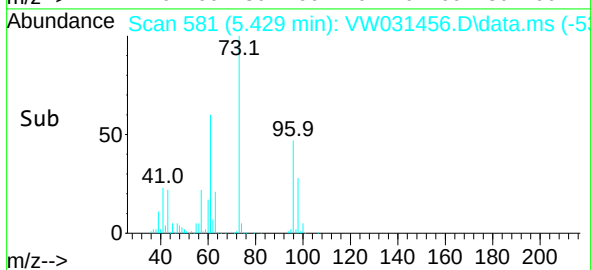
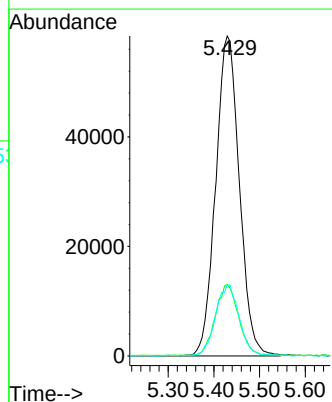
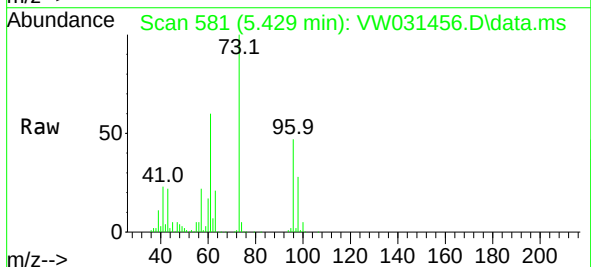


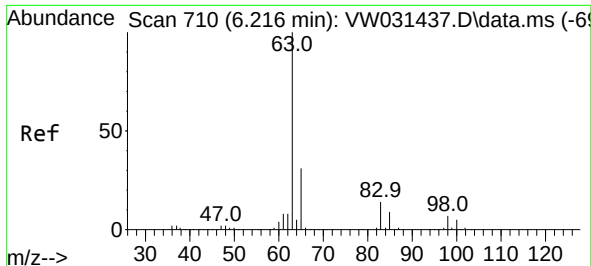
Tgt Ion: 96 Resp: 79671
Ion Ratio Lower Upper
96 100
61 129.5 100.7 187.1
98 60.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 24.969 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Tgt Ion: 73 Resp: 210527
Ion Ratio Lower Upper
73 100
43 21.6 17.9 26.9
57 22.2 17.9 26.9





#19

1,1-Dichloroethane

Concen: 18.456 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

ClientSampleId :

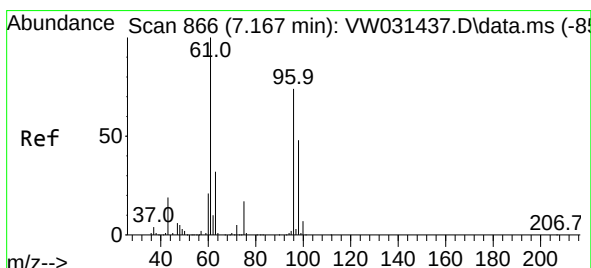
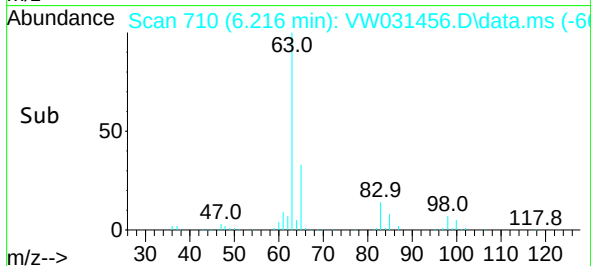
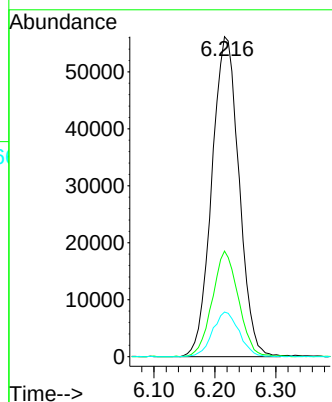
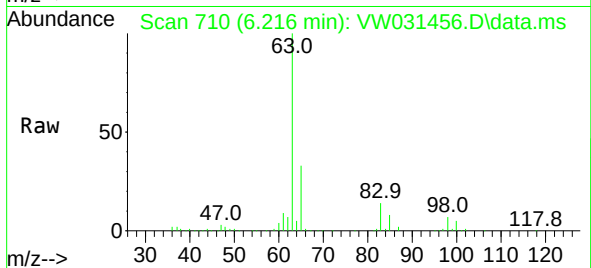
Tgt Ion: 63 Resp: 173942

Ion Ratio Lower Upper

63 100

65 33.0 21.9 40.7

83 14.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 16.066 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

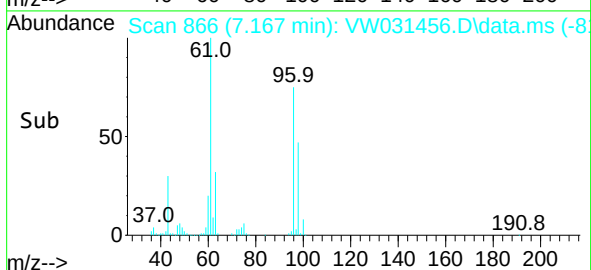
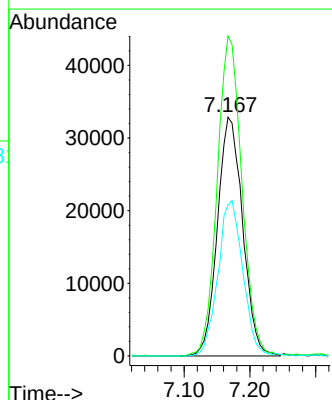
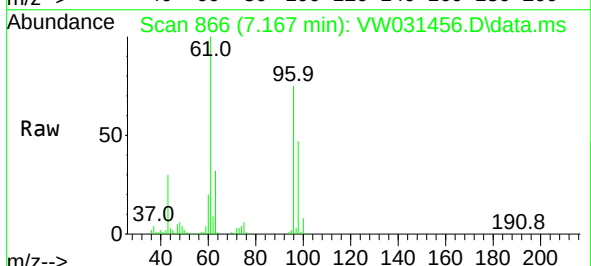
Tgt Ion: 96 Resp: 87669

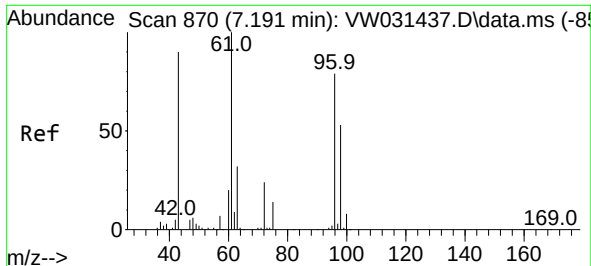
Ion Ratio Lower Upper

96 100

61 134.0 92.2 171.2

98 63.2 43.7 81.1

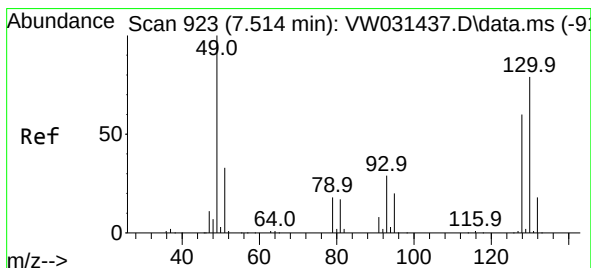
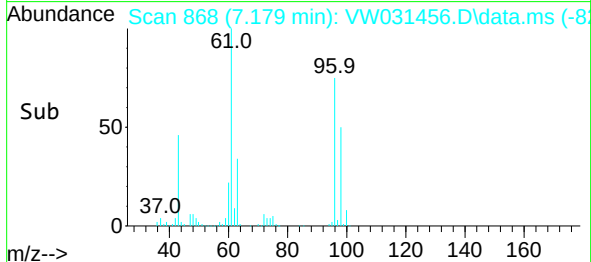
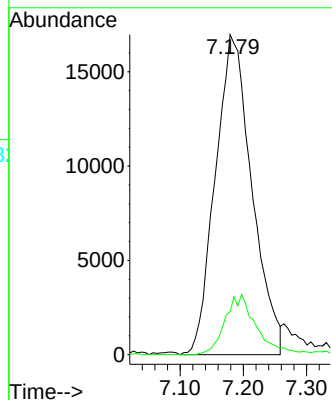
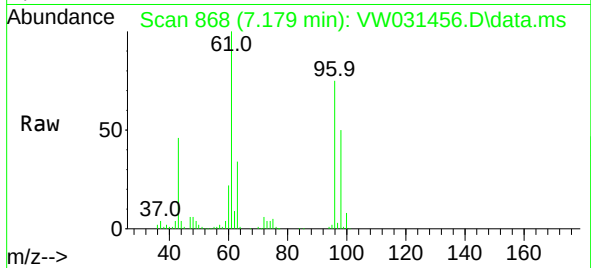




#22
2-Butanone
Concen: 37.341 ug/L
RT: 7.179 min Scan# 870
Delta R.T. -0.006 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

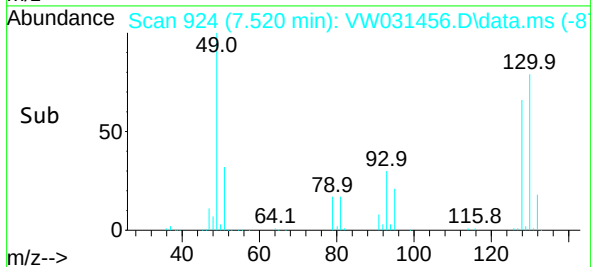
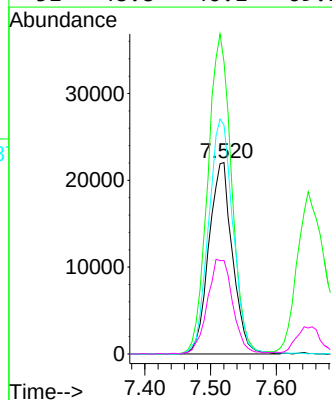
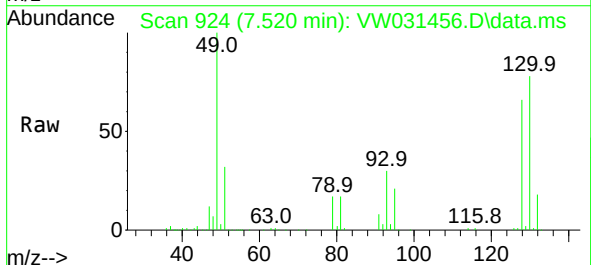
Instrument :
MSVOA_W
ClientSampleId :

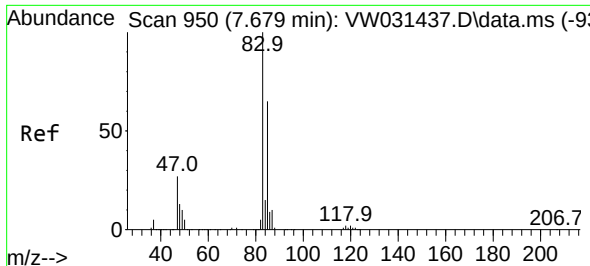
Tgt Ion: 43 Resp: 68143
Ion Ratio Lower Upper
43 100
72 16.0 13.3 39.8



#23
Bromochloromethane
Concen: 25.312 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Tgt Ion:128 Resp: 55086
Ion Ratio Lower Upper
128 100
49 152.5 123.7 229.7
130 119.5 90.3 167.7
51 48.8 46.1 69.1

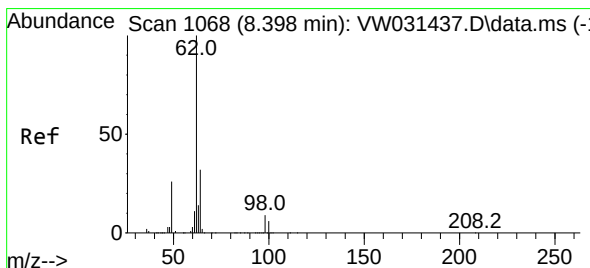
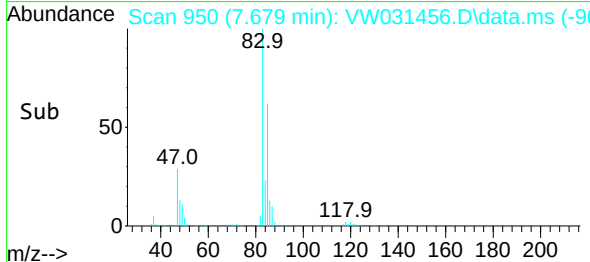
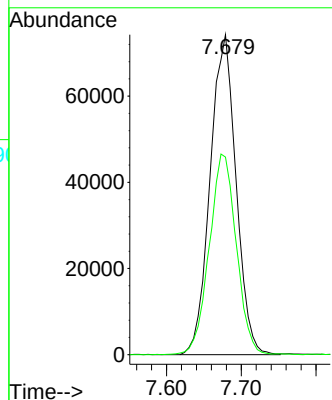
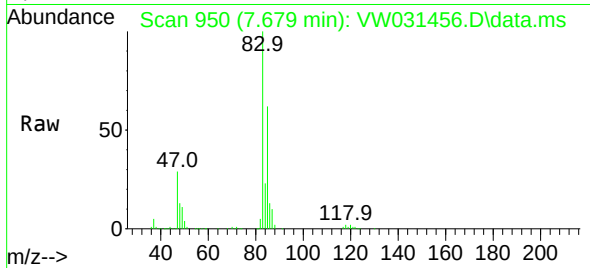




#25
Chloroform
Concen: 19.225 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

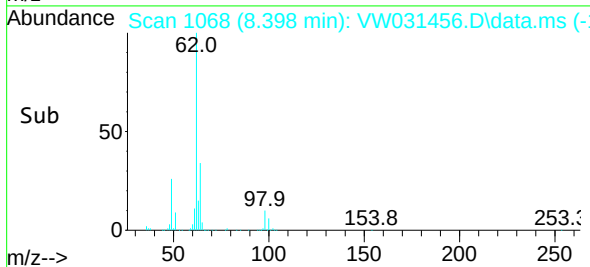
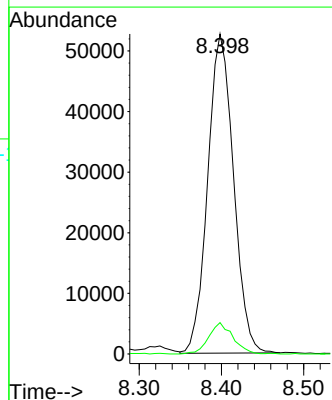
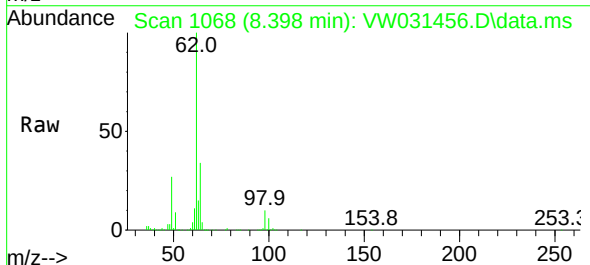
Instrument :
MSVOA_W
ClientSampleId :

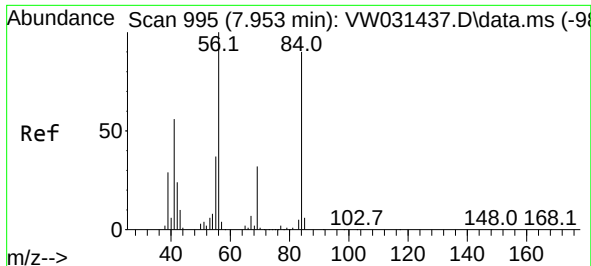
Tgt Ion: 83 Resp: 178825
Ion Ratio Lower Upper
83 100
85 61.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 19.650 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Tgt Ion: 62 Resp: 114904
Ion Ratio Lower Upper
62 100
98 9.8 7.2 10.8





#29

Cyclohexane

Concen: 35.105 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

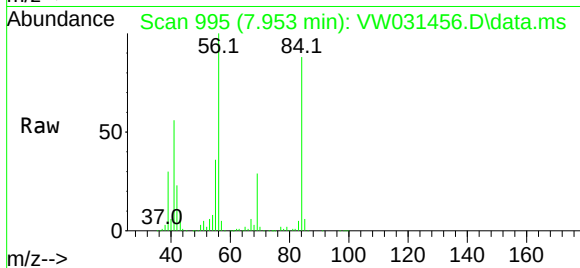
Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

ClientSampleId :



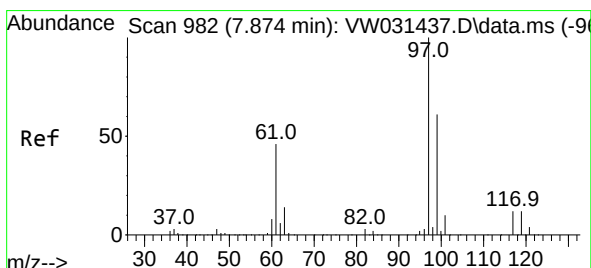
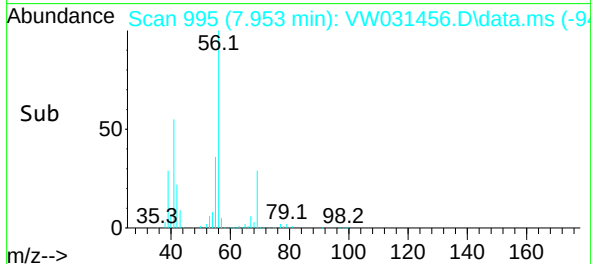
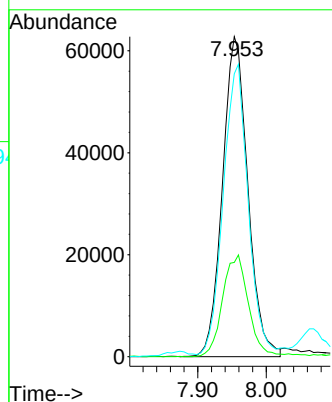
Tgt Ion: 56 Resp: 161696

Ion Ratio Lower Upper

56 100

69 32.2 25.0 37.4

84 89.2 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 30.337 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

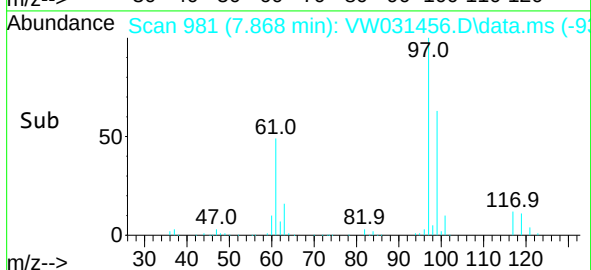
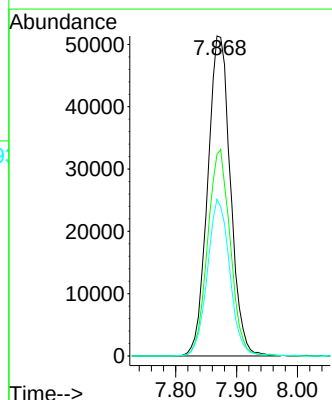
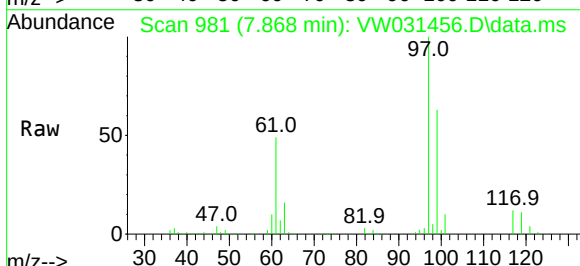
Tgt Ion: 97 Resp: 133178

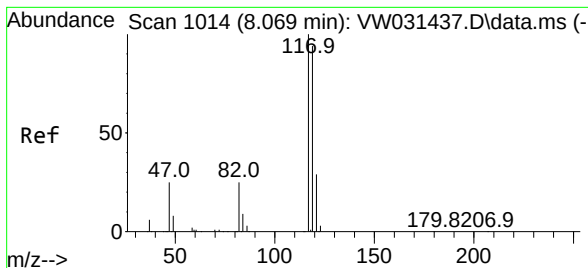
Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 48.1 36.3 54.5

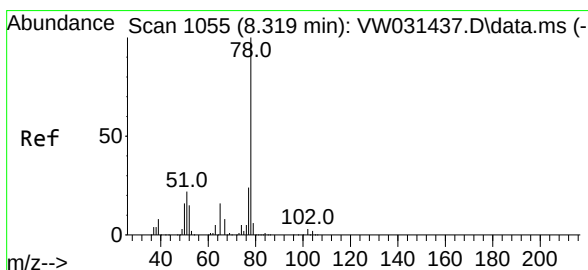
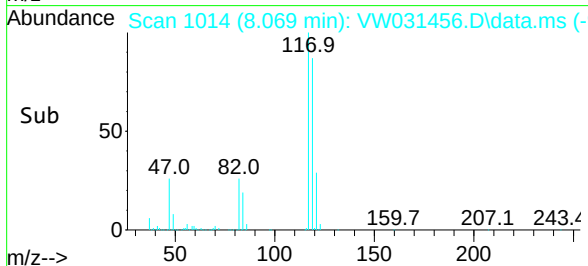
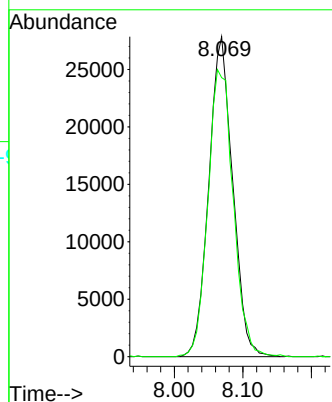
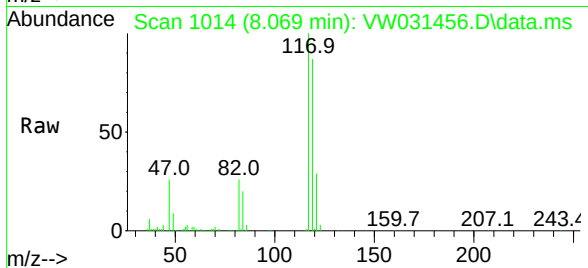




#31
Carbon tetrachloride
Concen: 17.248 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

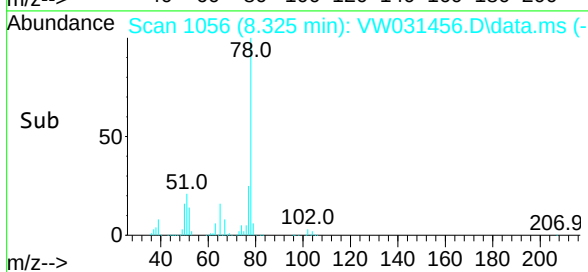
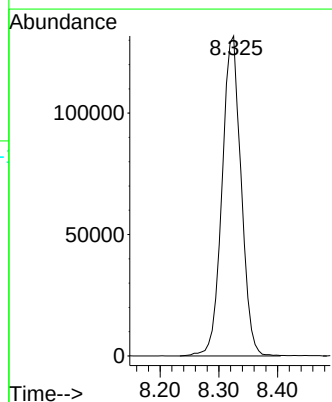
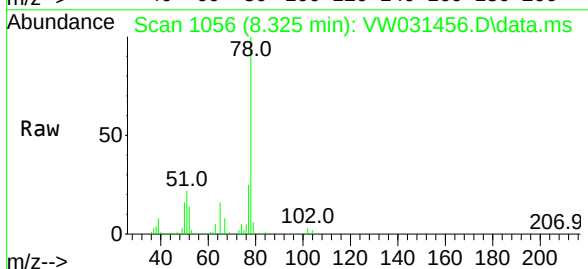
Instrument :
MSVOA_W
ClientSampleId :

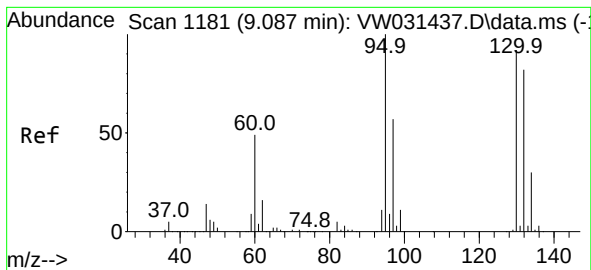
Tgt Ion:117 Resp: 67459
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0



#33
Benzene
Concen: 28.283 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Tgt Ion: 78 Resp: 296861





#34

Trichloroethene

Concen: 20.511 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 60779

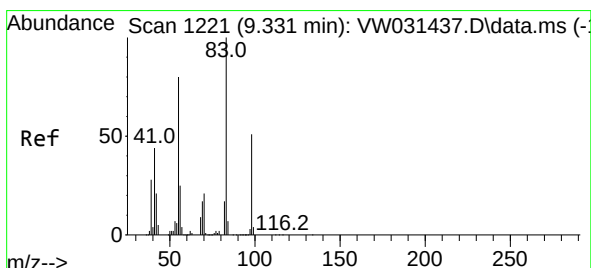
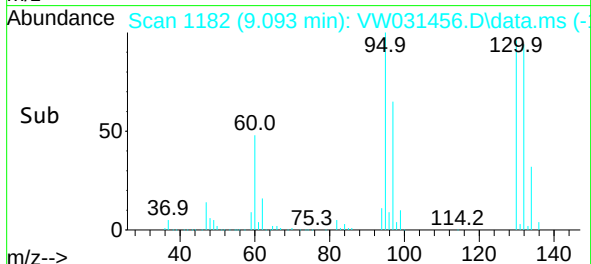
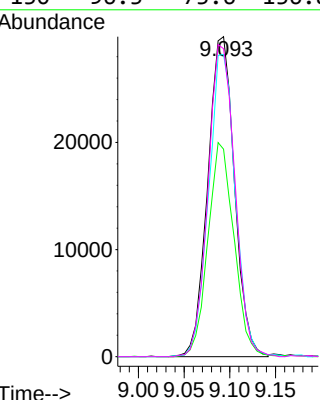
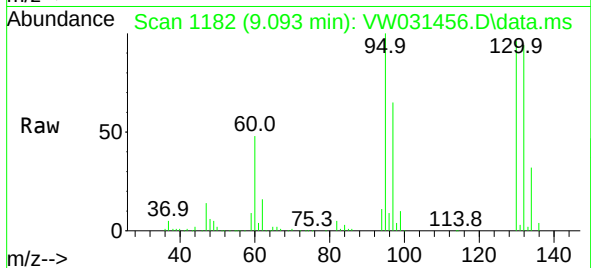
Ion Ratio Lower Upper

95 100

97 64.8 46.5 86.3

132 94.5 70.3 130.5

130 96.3 73.6 136.8



#35

Methylcyclohexane

Concen: 32.717 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

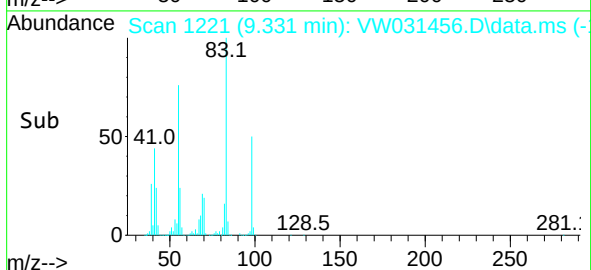
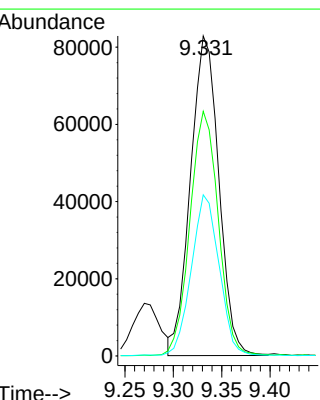
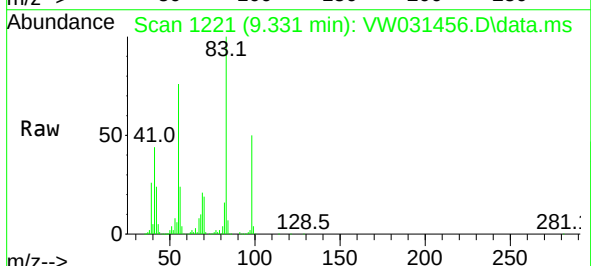
Tgt Ion: 83 Resp: 168834

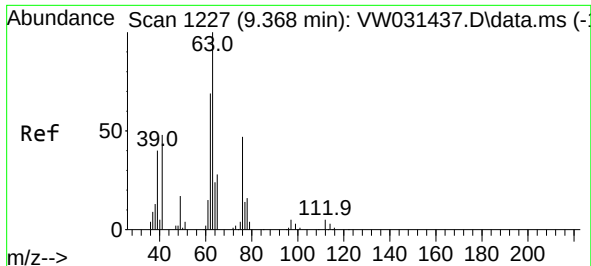
Ion Ratio Lower Upper

83 100

55 76.9 62.6 93.8

98 49.4 39.8 59.6





#37

1,2-Dichloropropane

Concen: 30.181 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

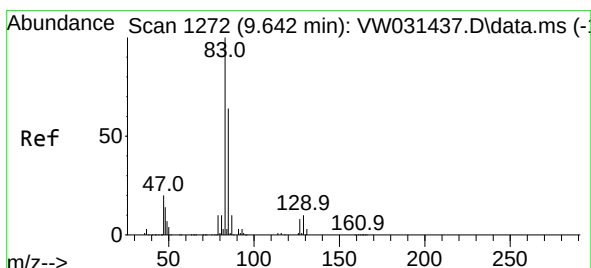
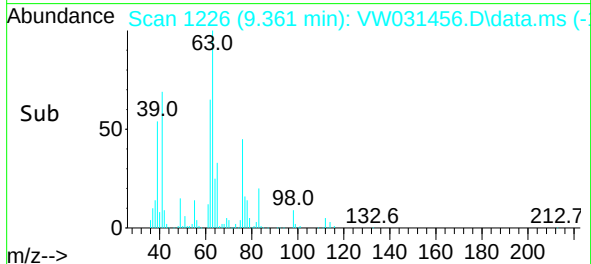
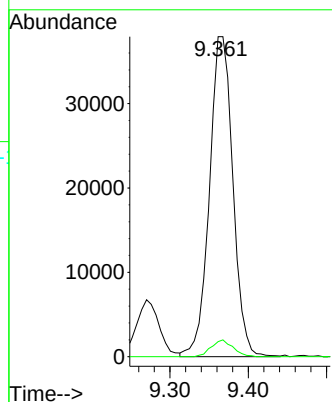
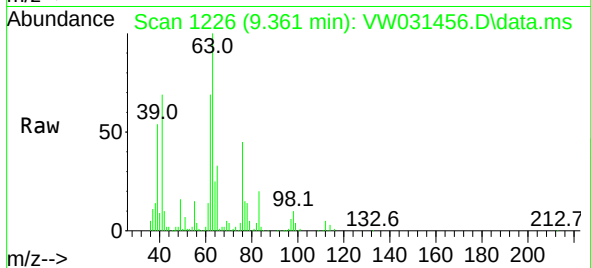
ClientSampleId :

Tgt Ion: 63 Resp: 79027

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 6.222 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

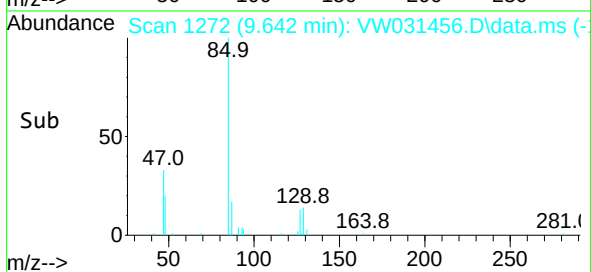
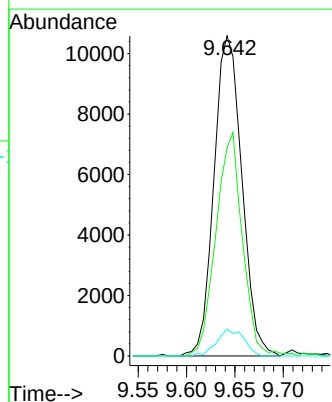
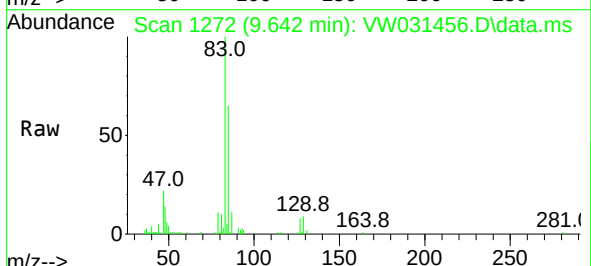
Tgt Ion: 83 Resp: 21179

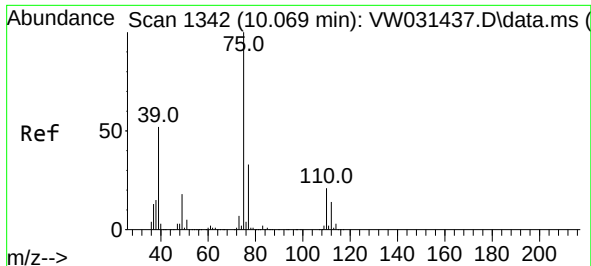
Ion Ratio Lower Upper

83 100

85 65.0 46.5 86.5

127 8.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 0.364 ug/L

RT: 10.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

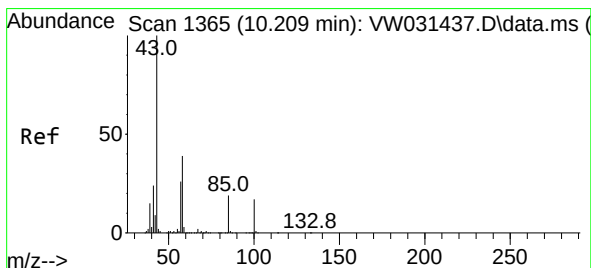
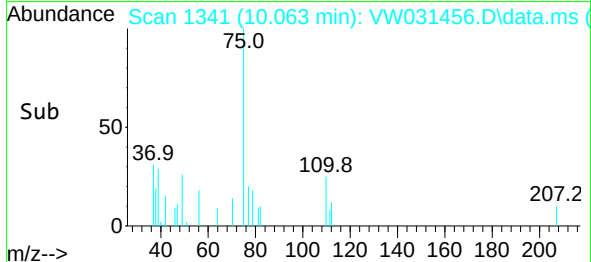
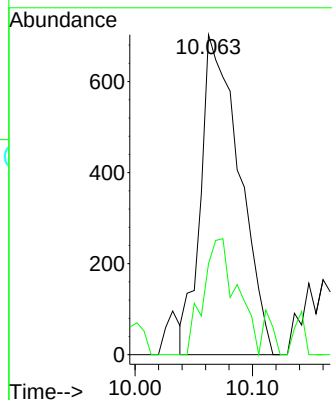
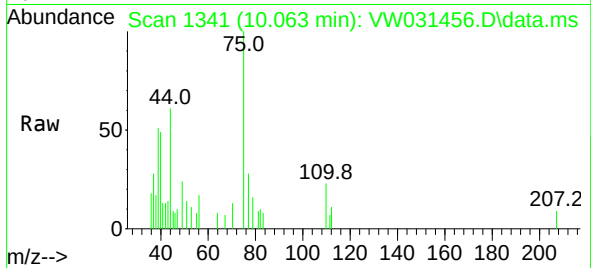
ClientSampleId :

Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

77 28.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 53.622 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

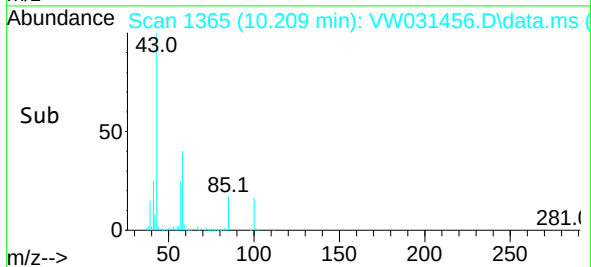
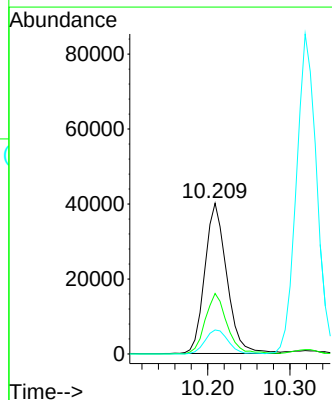
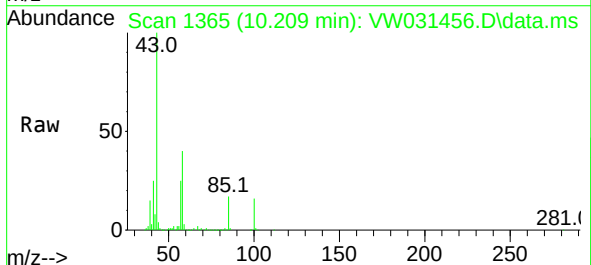
Tgt Ion: 43 Resp: 74491

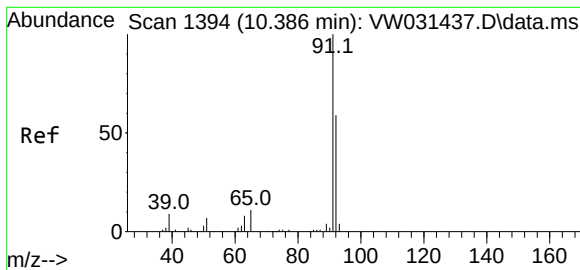
Ion Ratio Lower Upper

43 100

58 39.9 31.1 46.7

100 16.6 13.0 19.6





#42

Toluene

Concen: 17.657 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

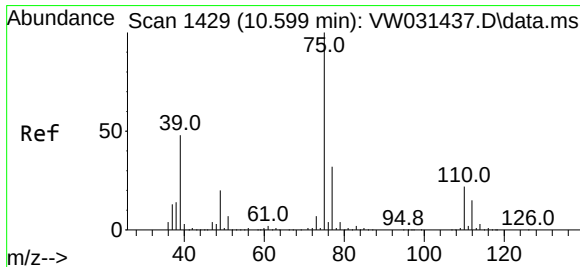
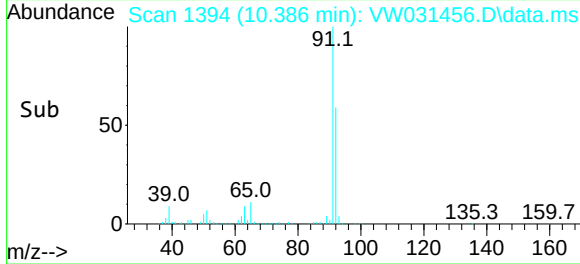
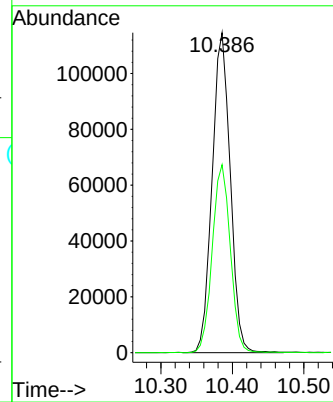
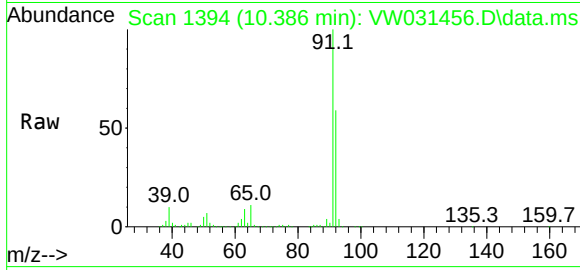
ClientSampleId :

Tgt Ion: 91 Resp: 201774

Ion Ratio Lower Upper

91 100

92 58.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.747 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031456.D

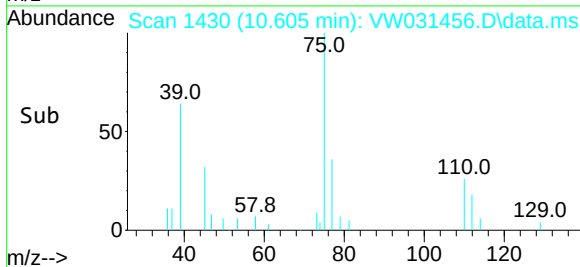
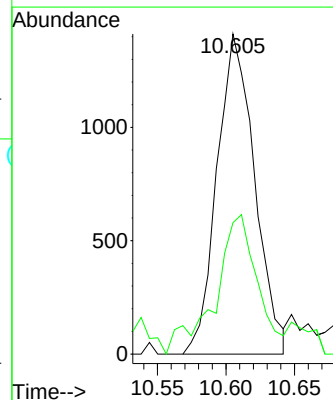
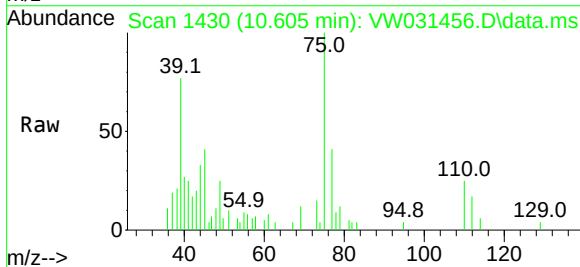
Acq: 21 Dec 2024 03:27

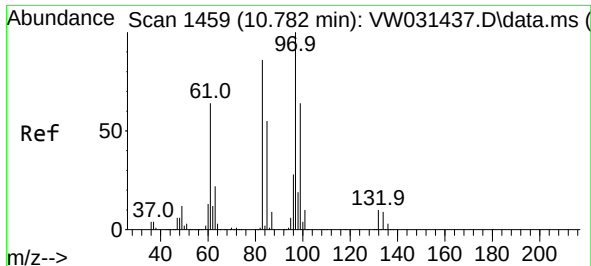
Tgt Ion: 75 Resp: 2700

Ion Ratio Lower Upper

75 100

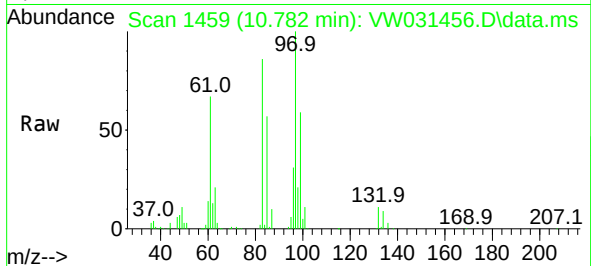
77 41.0 21.2 39.4#



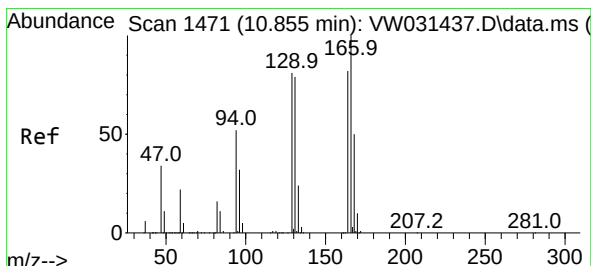
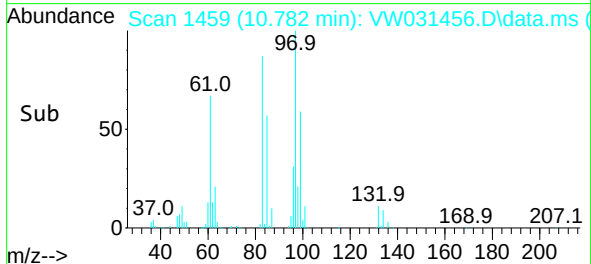
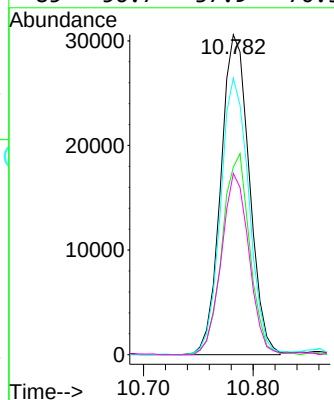


#45
1,1,2-Trichloroethane
Concen: 31.743 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Instrument :
MSVOA_W
ClientSampleId :

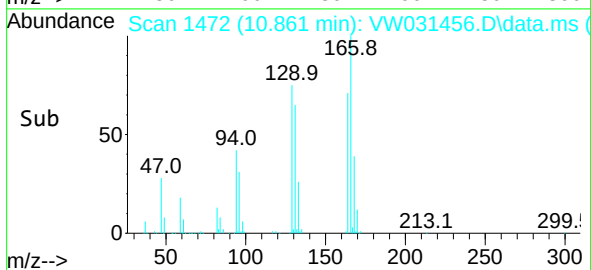
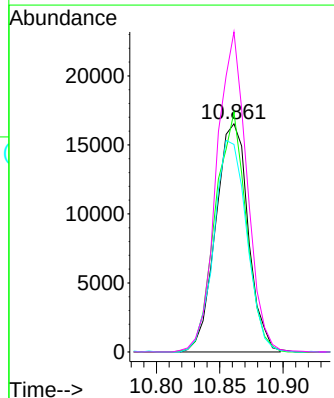
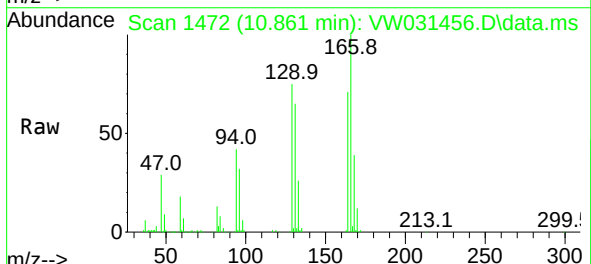


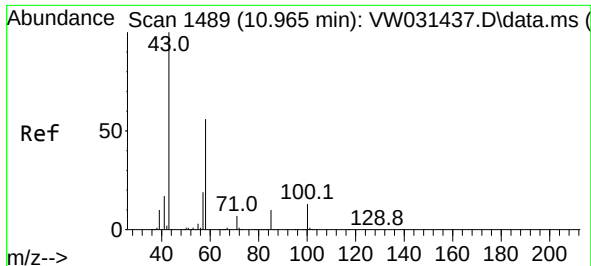
Tgt Ion:	97	Resp:	55284
Ion	Ratio	Lower	Upper
97	100		
99	58.6	43.0	80.0
83	86.4	56.4	104.7
85	56.7	37.9	70.3



#46
Tetrachloroethene
Concen: 13.631 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

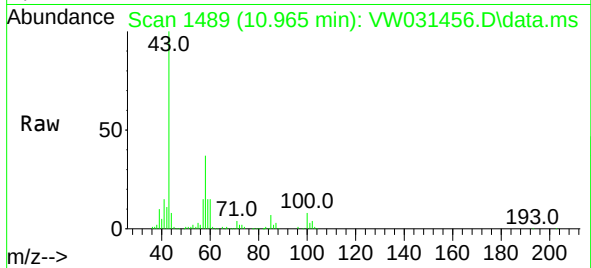
Tgt Ion:	164	Resp:	29587
Ion	Ratio	Lower	Upper
164	100		
129	105.0	73.5	136.5
131	91.0	66.6	123.8
166	140.3	92.7	172.3



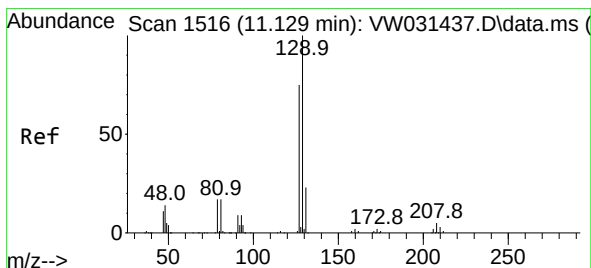
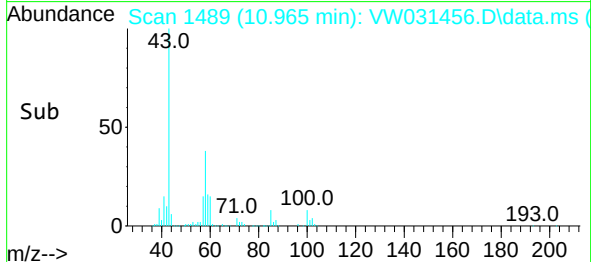
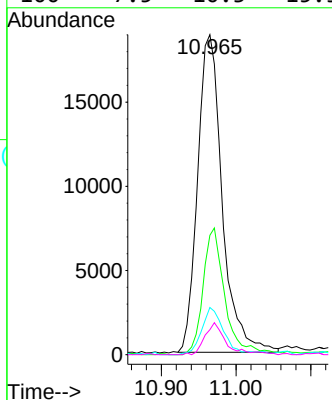


#48
2-Hexanone
Concen: 36.579 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Instrument :
MSVOA_W
ClientSampleId :

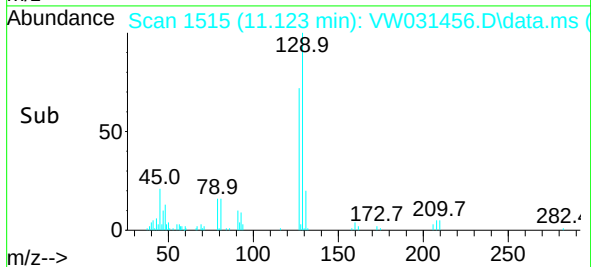
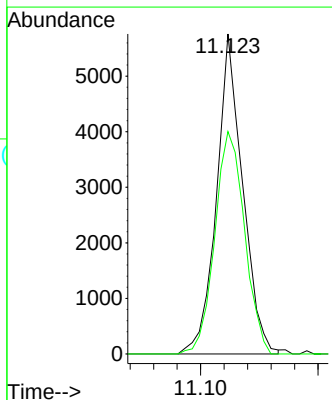
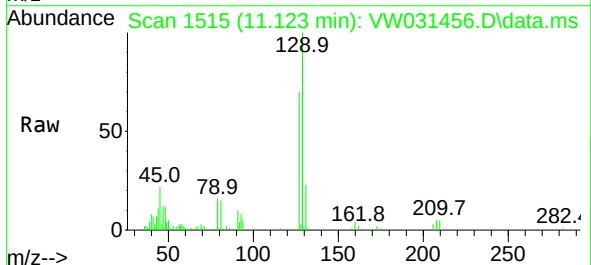


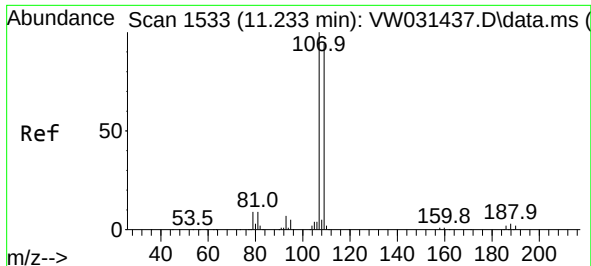
Tgt Ion: 43 Resp: 43217
Ion Ratio Lower Upper
43 100
58 33.7 43.0 64.6#
57 12.9 15.7 23.5#
100 7.5 10.3 15.5#



#49
Dibromochloromethane
Concen: 4.309 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Tgt Ion: 129 Resp: 8895
Ion Ratio Lower Upper
129 100
127 69.5 57.6 107.0





#50

1,2-Dibromoethane

Concen: 10.371 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

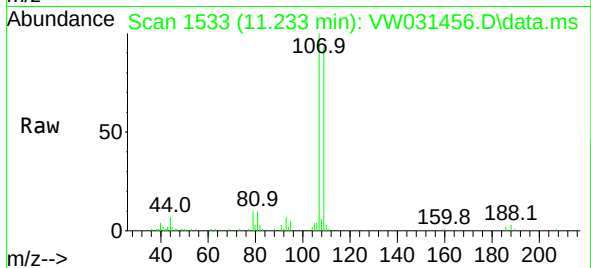
Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

ClientSampleId :



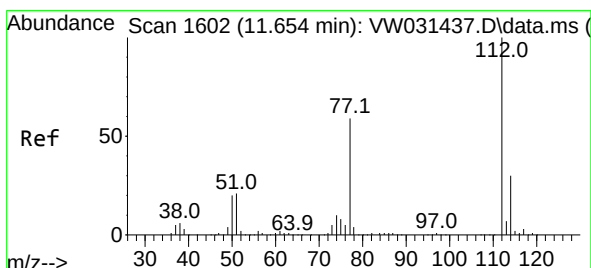
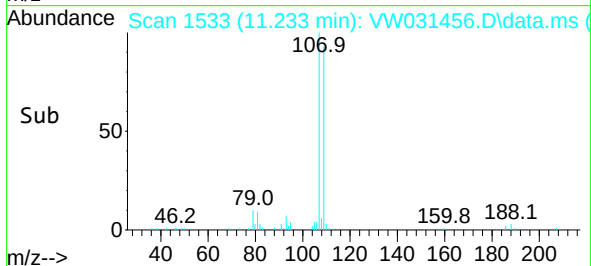
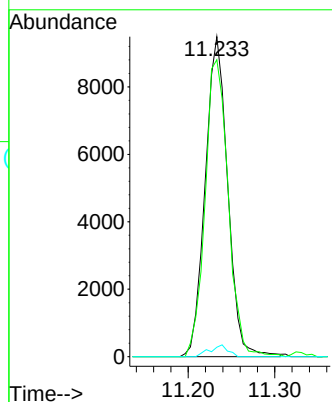
Tgt Ion:107 Resp: 17111

Ion Ratio Lower Upper

107 100

109 92.8 63.2 117.4

188 2.9 2.6 4.0



#51

Chlorobenzene

Concen: 12.665 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

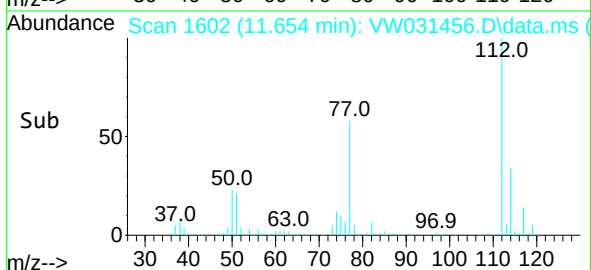
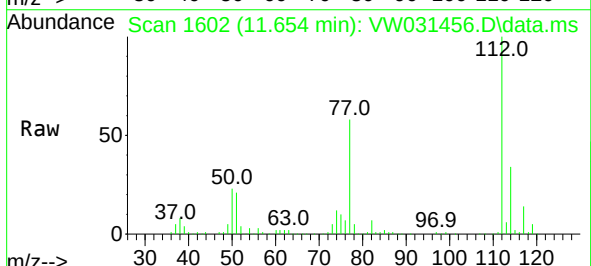
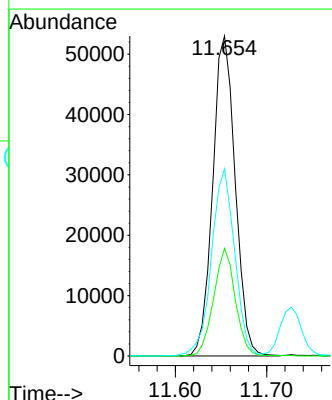
Tgt Ion:112 Resp: 90740

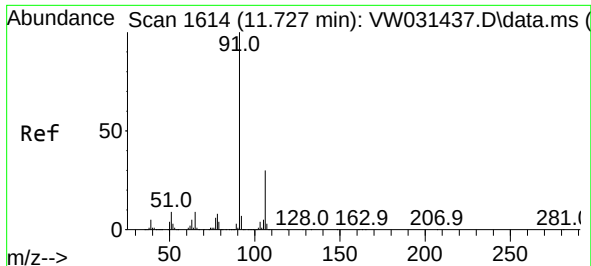
Ion Ratio Lower Upper

112 100

114 33.6 22.7 42.3

77 58.5 50.2 75.4

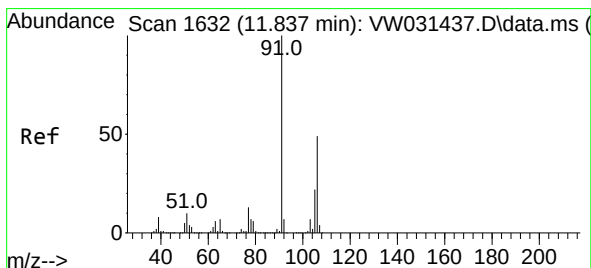
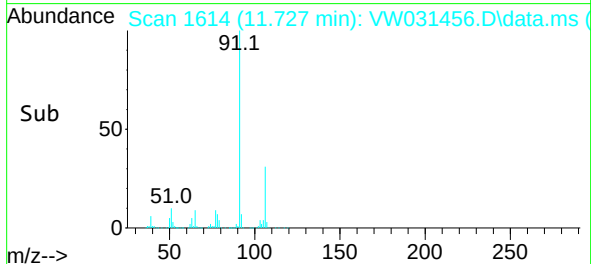
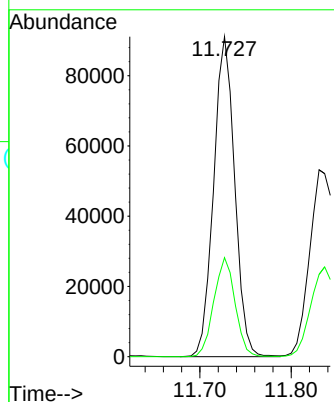
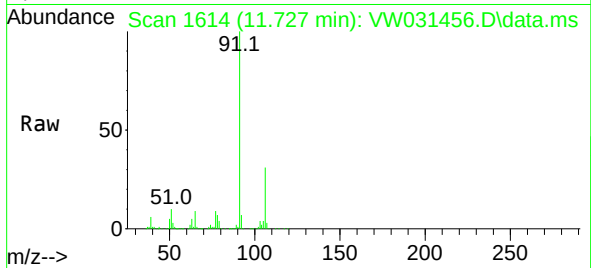




#52
Ethylbenzene
Concen: 11.003 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

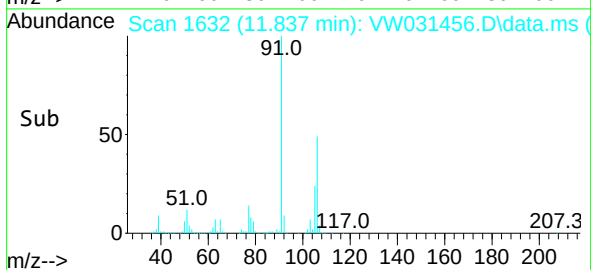
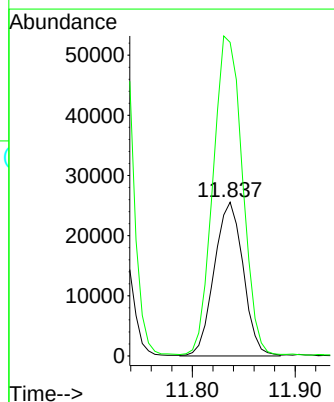
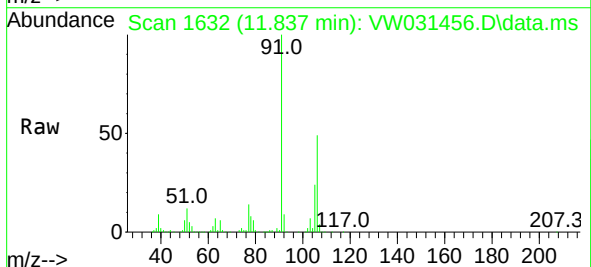
Instrument :
MSVOA_W
ClientSampleId :

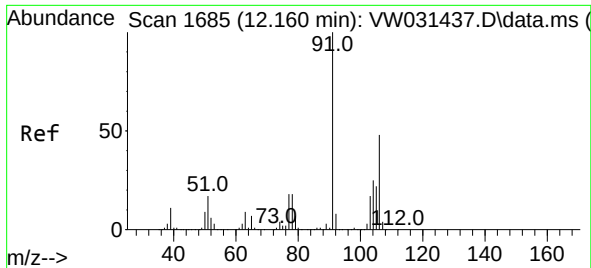
Tgt Ion: 91 Resp: 145729
Ion Ratio Lower Upper
91 100
106 31.0 20.7 38.5



#53
m,p-Xylene
Concen: 9.919 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Tgt Ion:106 Resp: 50012
Ion Ratio Lower Upper
106 100
91 204.0 139.9 259.7

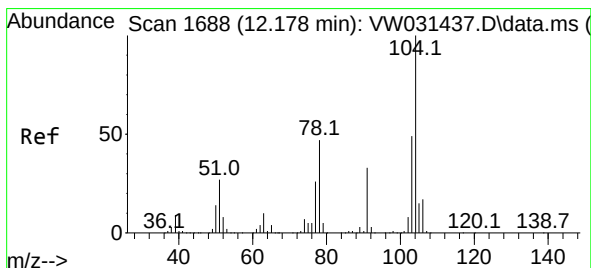
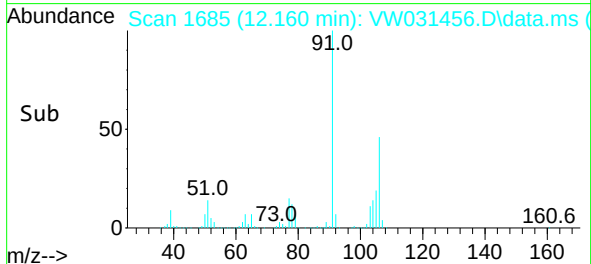
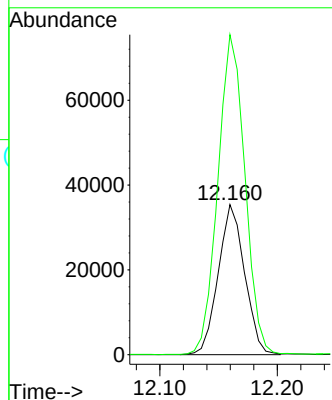
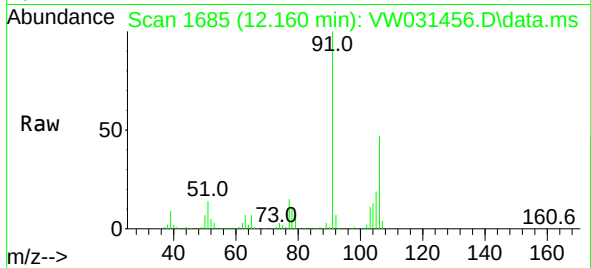




#54
o-Xylene
Concen: 11.638 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

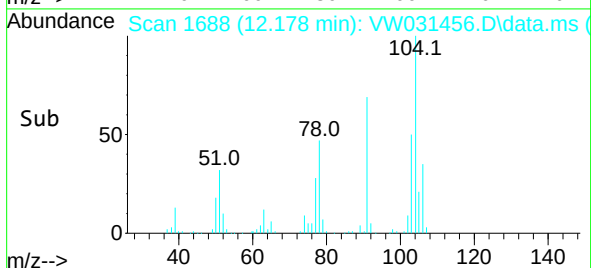
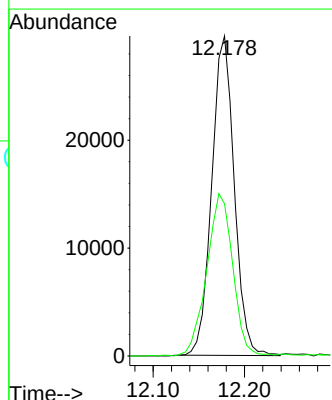
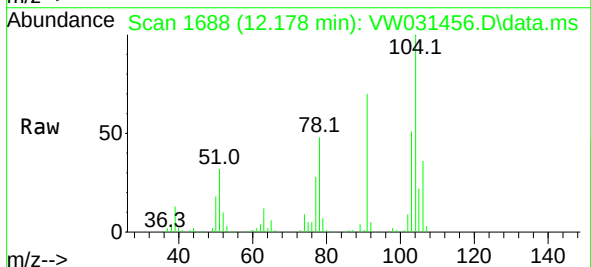
Instrument :
MSVOA_W
ClientSampleId :

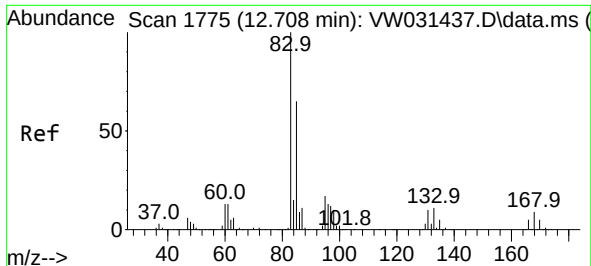
Tgt Ion:106 Resp: 55300
Ion Ratio Lower Upper
106 100
91 213.3 153.1 284.3



#55
Styrene
Concen: 6.416 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Tgt Ion:104 Resp: 50714
Ion Ratio Lower Upper
104 100
78 47.6 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 24.097 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

ClientSampleId :

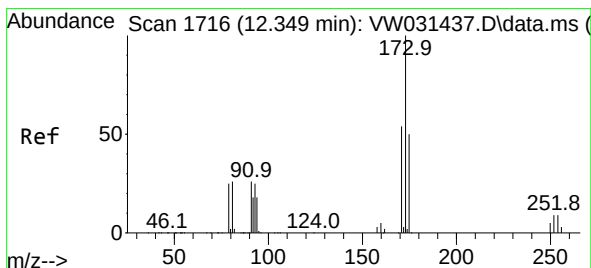
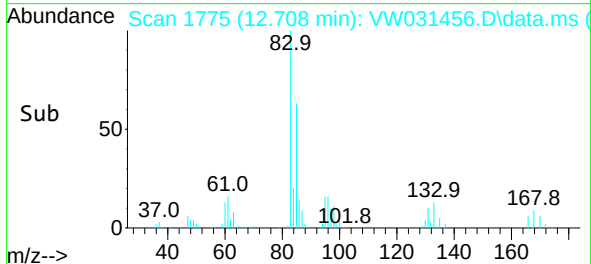
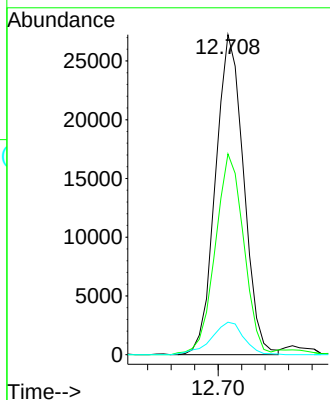
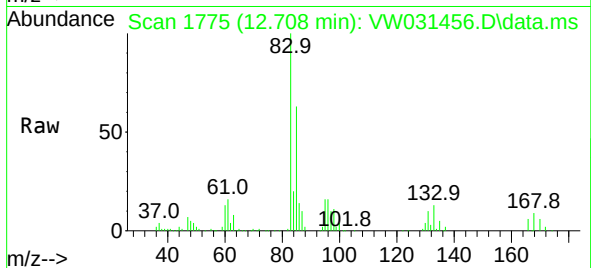
Tgt Ion: 83 Resp: 45241

Ion Ratio Lower Upper

83 100

85 62.7 44.1 81.9

131 10.1 7.9 11.9



#59

Bromoform

Concen: 6.123 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

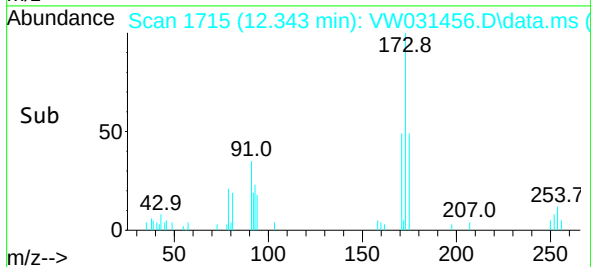
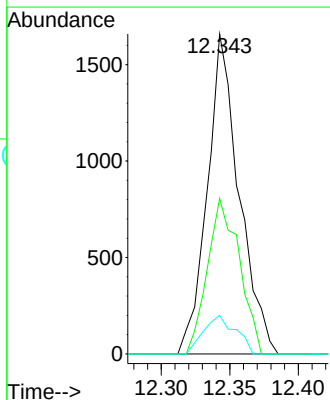
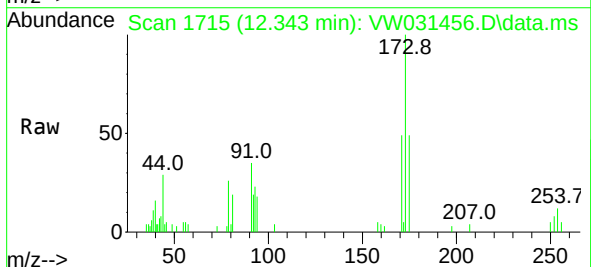
Tgt Ion:173 Resp: 2675

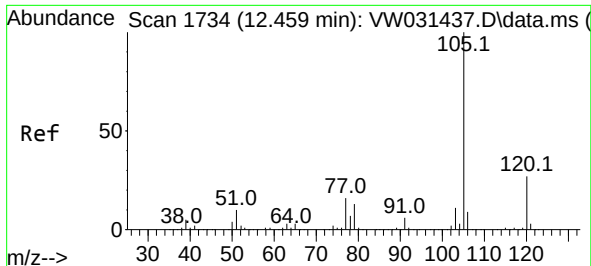
Ion Ratio Lower Upper

173 100

175 48.7 38.6 57.8

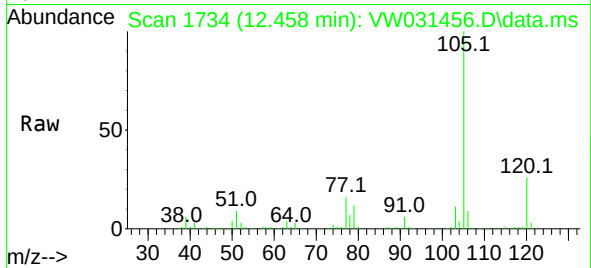
254 12.1 7.6 11.4#



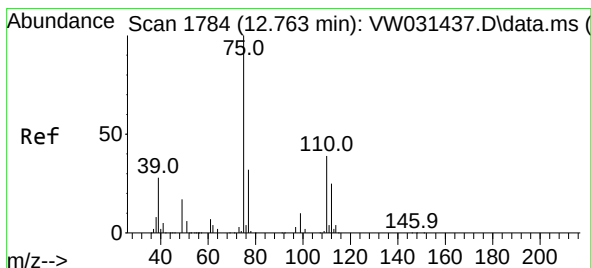
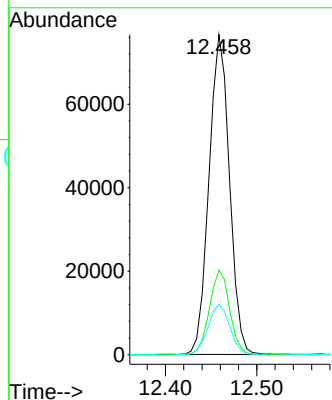
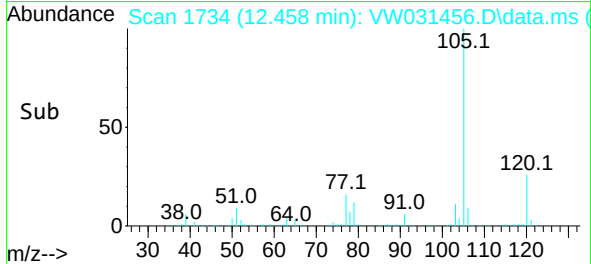


#60
Isopropylbenzene
Concen: 23.488 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

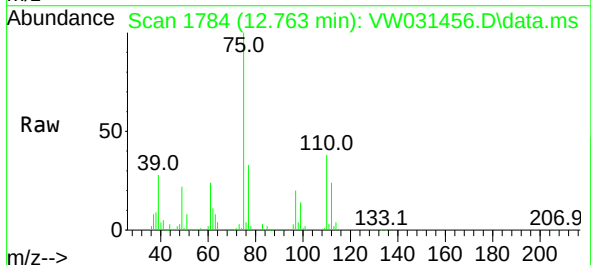
Instrument :
MSVOA_W
ClientSampleId :



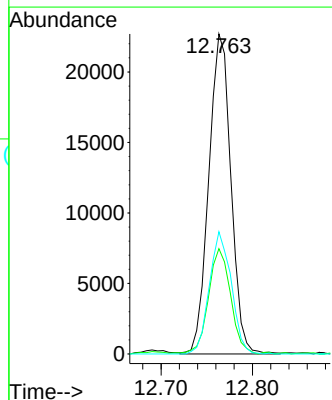
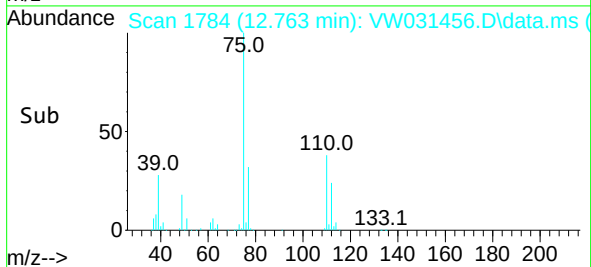
Tgt Ion:105 Resp: 119527
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 16.7 12.8 19.2

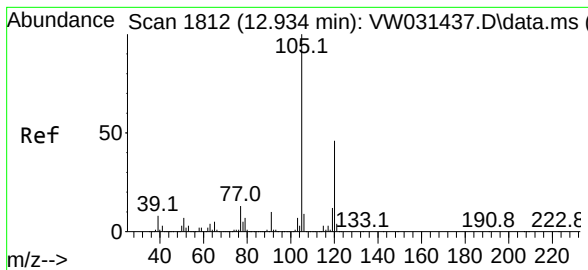


#61
1,2,3-Trichloropropane
Concen: 71.788 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27



Tgt Ion: 75 Resp: 38200
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
110 37.7 31.2 46.8

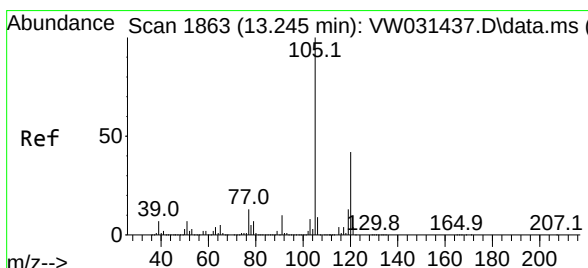
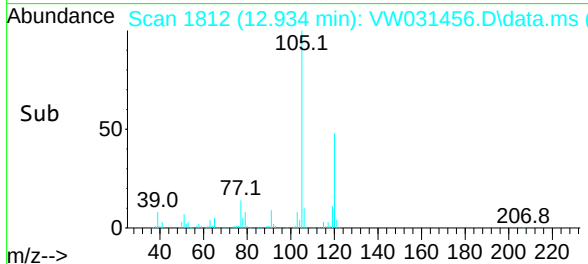
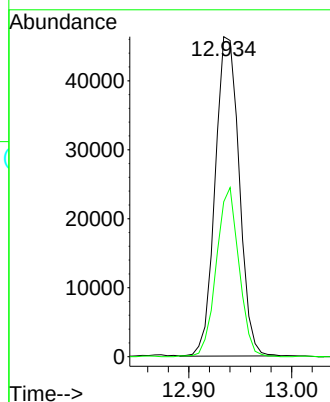
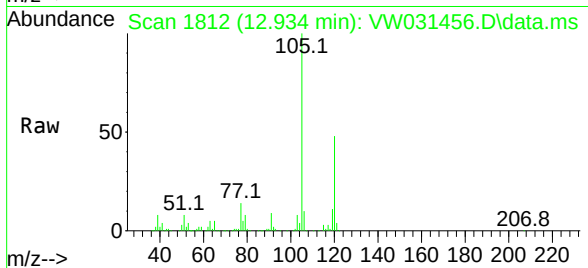




#62
 1,3,5-Trimethylbenzene
 Concen: 17.414 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: VW031456.D
 Acq: 21 Dec 2024 03:27

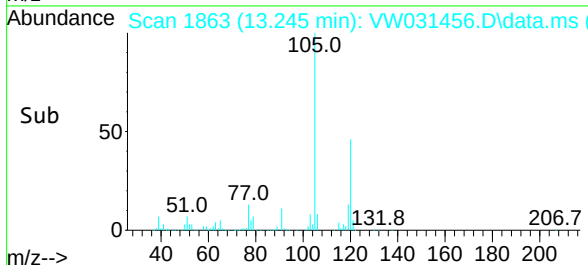
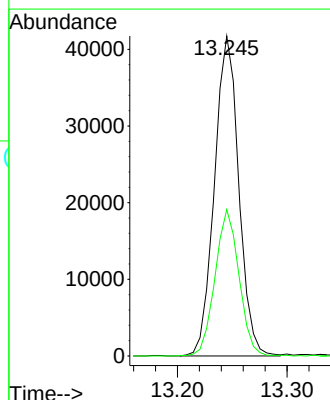
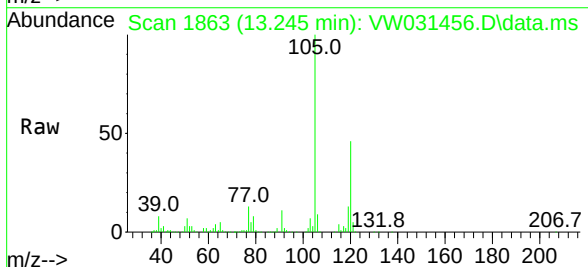
Instrument :
 MSVOA_W
 ClientSampleId :

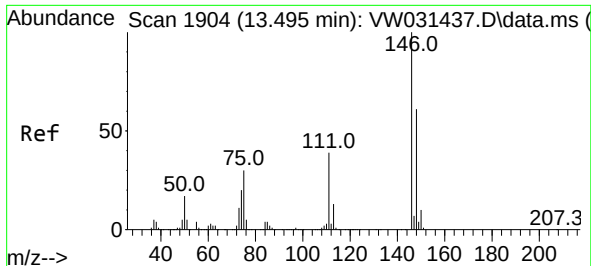
Tgt Ion:105 Resp: 75131
 Ion Ratio Lower Upper
 105 100
 120 49.8 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 15.444 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031456.D
 Acq: 21 Dec 2024 03:27

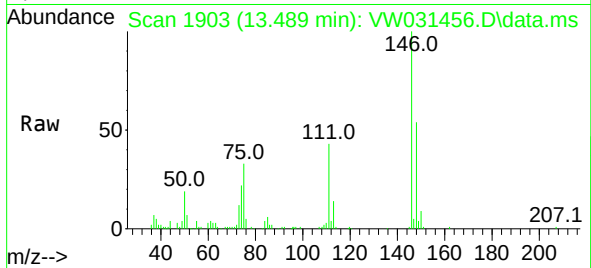
Tgt Ion:105 Resp: 64403
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.0 52.4



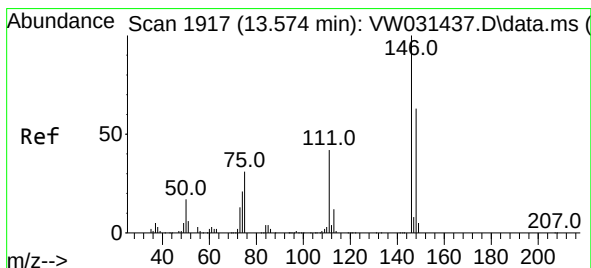
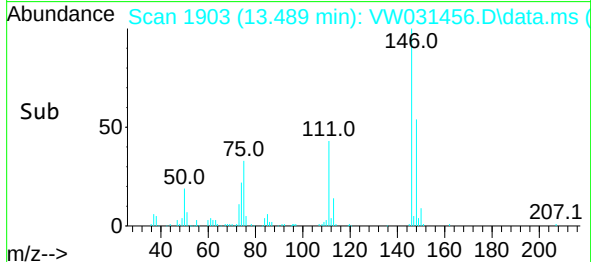
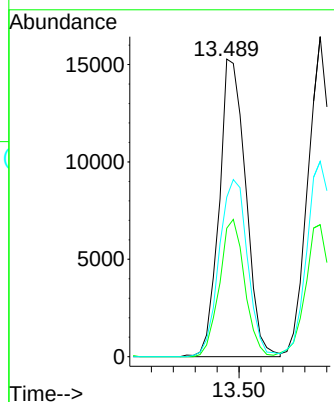


#64
1,3-Dichlorobenzene
Concen: 12.434 ug/L
RT: 13.489 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Instrument :
MSVOA_W
ClientSampleId :

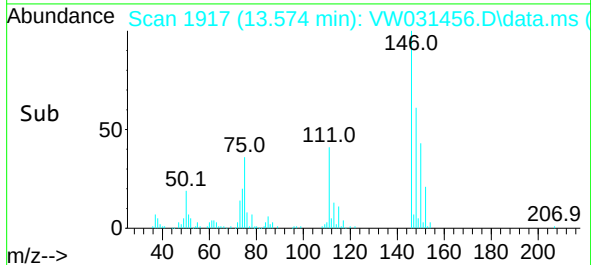
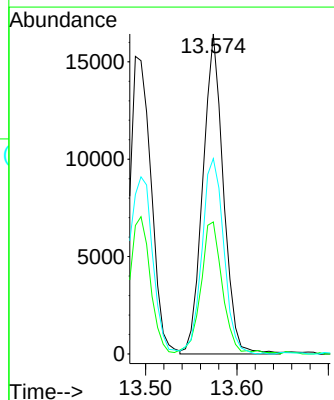
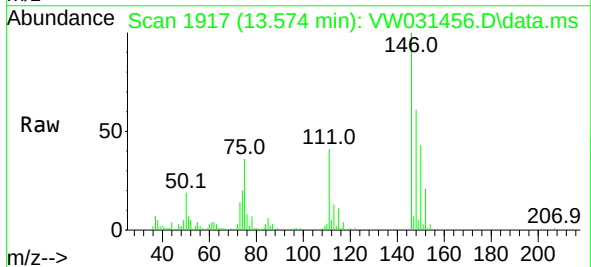


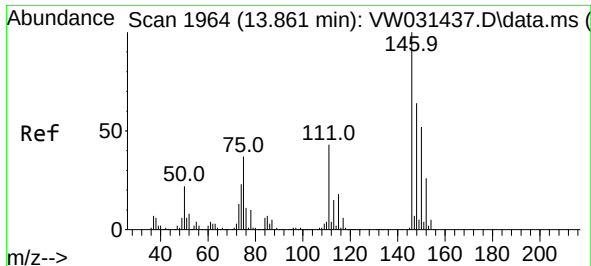
Tgt Ion:146 Resp: 25637
Ion Ratio Lower Upper
146 100
111 43.2 27.6 51.2
148 53.6 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 12.584 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031456.D
Acq: 21 Dec 2024 03:27

Tgt Ion:146 Resp: 25707
Ion Ratio Lower Upper
146 100
111 41.2 30.7 56.9
148 61.1 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 14.555 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

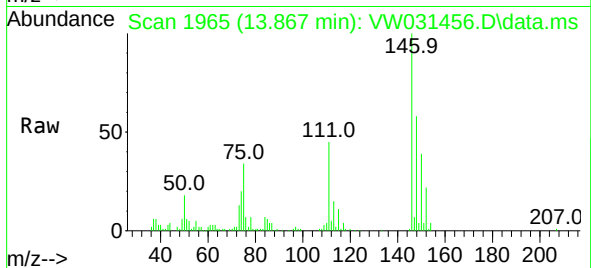
Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

ClientSampleId :



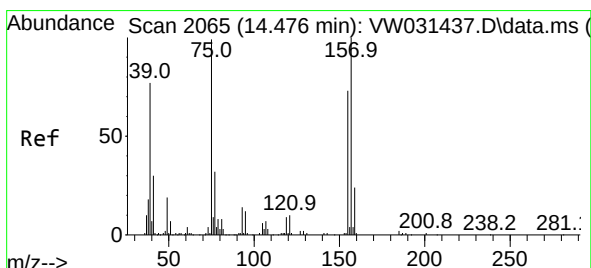
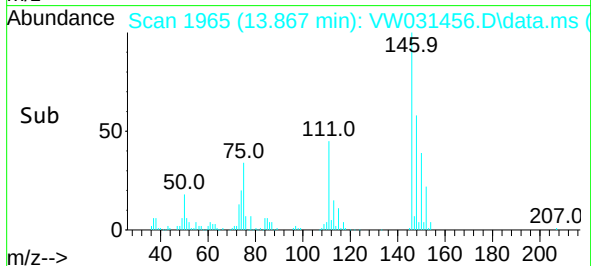
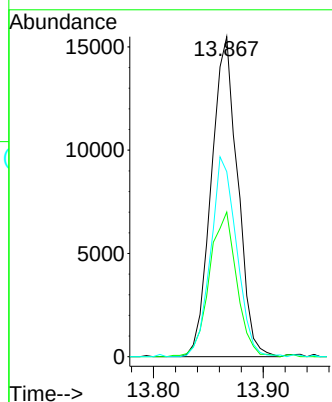
Tgt Ion:146 Resp: 25857

Ion Ratio Lower Upper

146 100

111 45.2 38.6 58.0

148 57.8 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 29.807 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

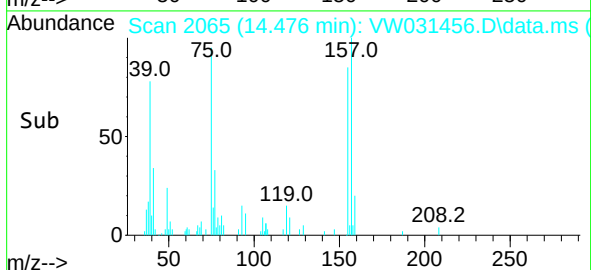
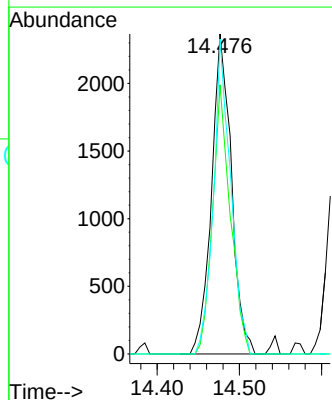
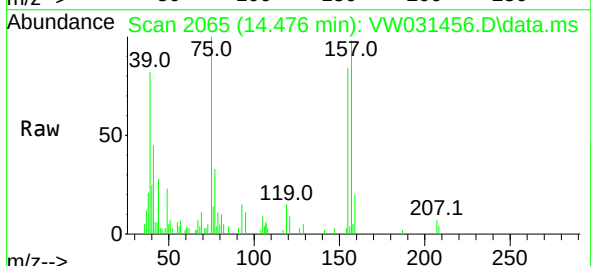
Tgt Ion: 75 Resp: 4025

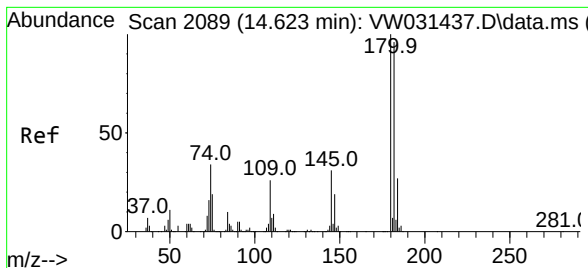
Ion Ratio Lower Upper

75 100

155 84.1 56.6 85.0

157 98.4 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 7.753 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.006 min

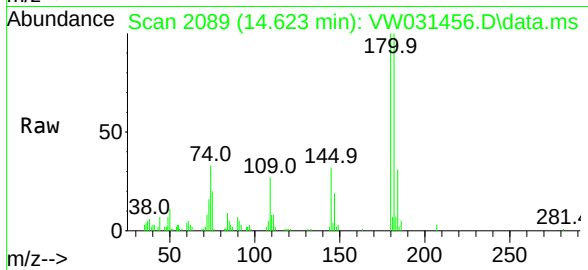
Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 11195

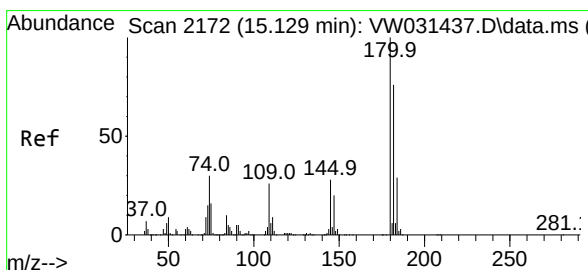
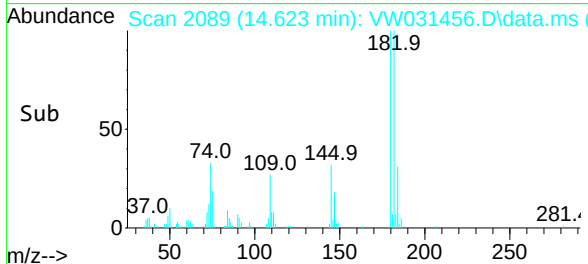
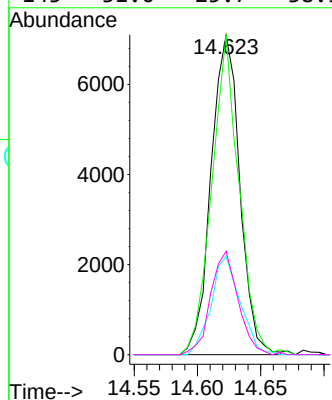
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.4

184 31.2 24.6 36.8

145 31.0 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 7.035 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

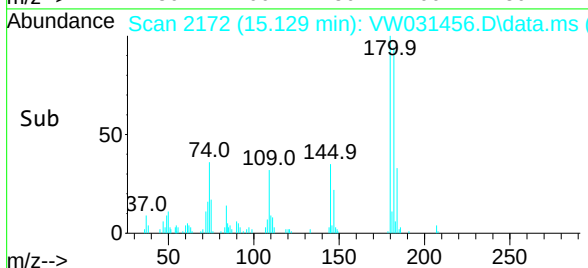
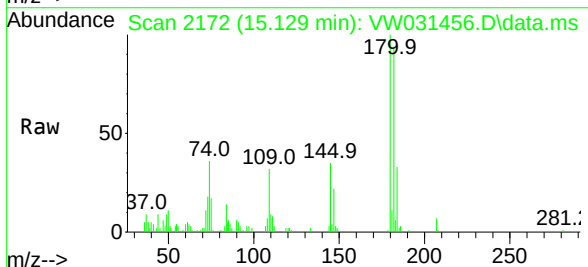
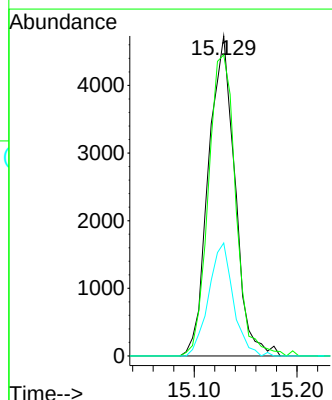
Tgt Ion:180 Resp: 8450

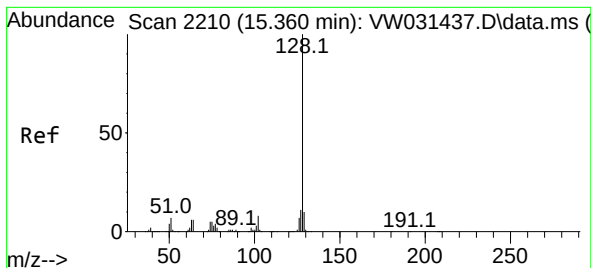
Ion Ratio Lower Upper

180 100

182 97.0 78.2 117.2

145 32.6 26.7 40.1





#71

Naphthalene

Concen: 12.523 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Instrument :

MSVOA_W

ClientSampleId :

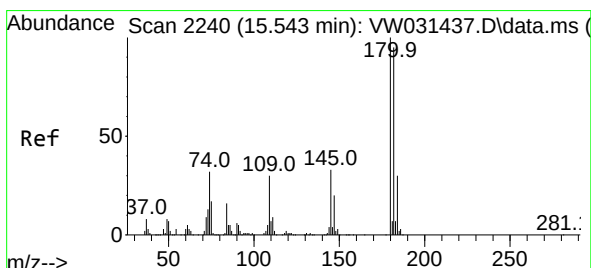
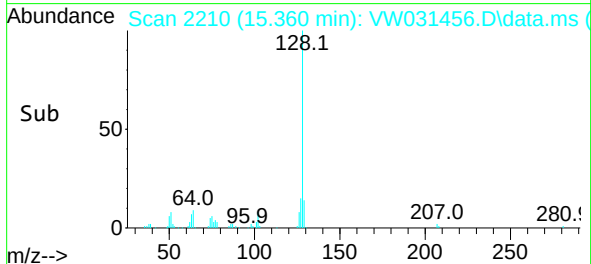
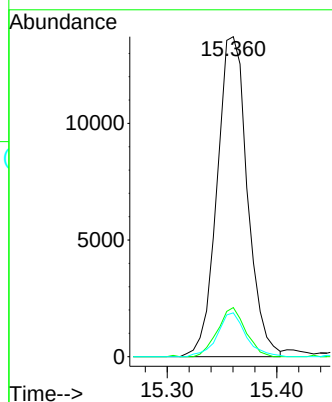
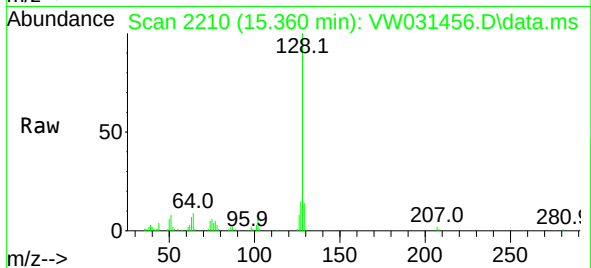
Tgt Ion:128 Resp: 26373

Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

129 12.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 8.861 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031456.D

Acq: 21 Dec 2024 03:27

Tgt Ion:180 Resp: 8576

Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.4

145 37.4 27.8 41.6

