

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031446.D
 Acq On : 20 Dec 2024 23:27
 Operator : SY/MD
 Sample : P5302-17
 Misc : 6.58g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 00:01:43 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	1287	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.636	117	1670	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	1904	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	887605	45836.880	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 183347.520%#		
7) Chloroethane-d5	2.899	69	705607	49259.054	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 197036.200%#		
11) 1,1-Dichloroethene-d2	4.015	65	381959	41582.972	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 166331.880%#		
21) 2-Butanone-d5	7.094	46	357135	97931.108	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 195862.220%#		
24) Chloroform-d	7.648	84	1499236	42516.223	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 170064.880%#		
26) 1,2-Dichloroethane-d4	8.301	65	828192	46765.541	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 187062.160%#		
32) Benzene-d6	8.270	84	3111825	29072.277	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 116289.120%#		
36) 1,2-Dichloropropane-d6	9.270	67	910162	29175.922	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 116703.680%#		
41) Toluene-d8	10.319	98	2692797	27042.423	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 108169.680%#		
43) trans-1,3-Dichloroprop...	10.575	79	364153	25316.310	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 101265.240%#		
47) 2-Hexanone-d5	10.922	63	289627	69036.940	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 138073.880%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	612372	31264.602	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 125058.400%#		
66) 1,2-Dichlorobenzene-d4	13.849	152	638797	9037.326	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 36149.320%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.034	85	44	3.783	ug/L #	44
3) Chloromethane	2.418	50	71	5.434	ug/L	91
5) Vinyl chloride	2.369	62	3208	177.152	ug/L #	1
6) Bromomethane	2.869	94	36	3.234	ug/L	73
8) Chloroethane	2.942	64	179	16.621	ug/L	83
9) Trichlorofluoromethane	3.125	101	19	0.985	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	4.015	101	10886	698.813	ug/L #	24
12) 1,1-Dichloroethene	4.015	96	8750	554.584	ug/L #	1
13) Acetone	4.180	43	1476	290.622	ug/L #	100
14) Carbon disulfide	4.381	76	193	3.751	ug/L #	75
15) Methyl Acetate	4.679	43	406	70.384	ug/L #	83
16) Methylene chloride	4.917	84	1237	76.390	ug/L	85
17) trans-1,2-Dichloroethene	5.210	96	40	2.352	ug/L #	1
18) Methyl tert-butyl Ether	5.411	73	53	1.864	ug/L #	1
19) 1,1-Dichloroethane	6.228	63	50	1.573	ug/L #	50
20) cis-1,2-Dichloroethene	7.209	96	46	2.500	ug/L #	5
22) 2-Butanone	7.270	43	79	12.838	ug/L	80
25) Chloroform	7.655	83	3290	104.893	ug/L #	1
27) 1,2-Dichloroethane	8.404	62	526	26.675	ug/L #	73

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

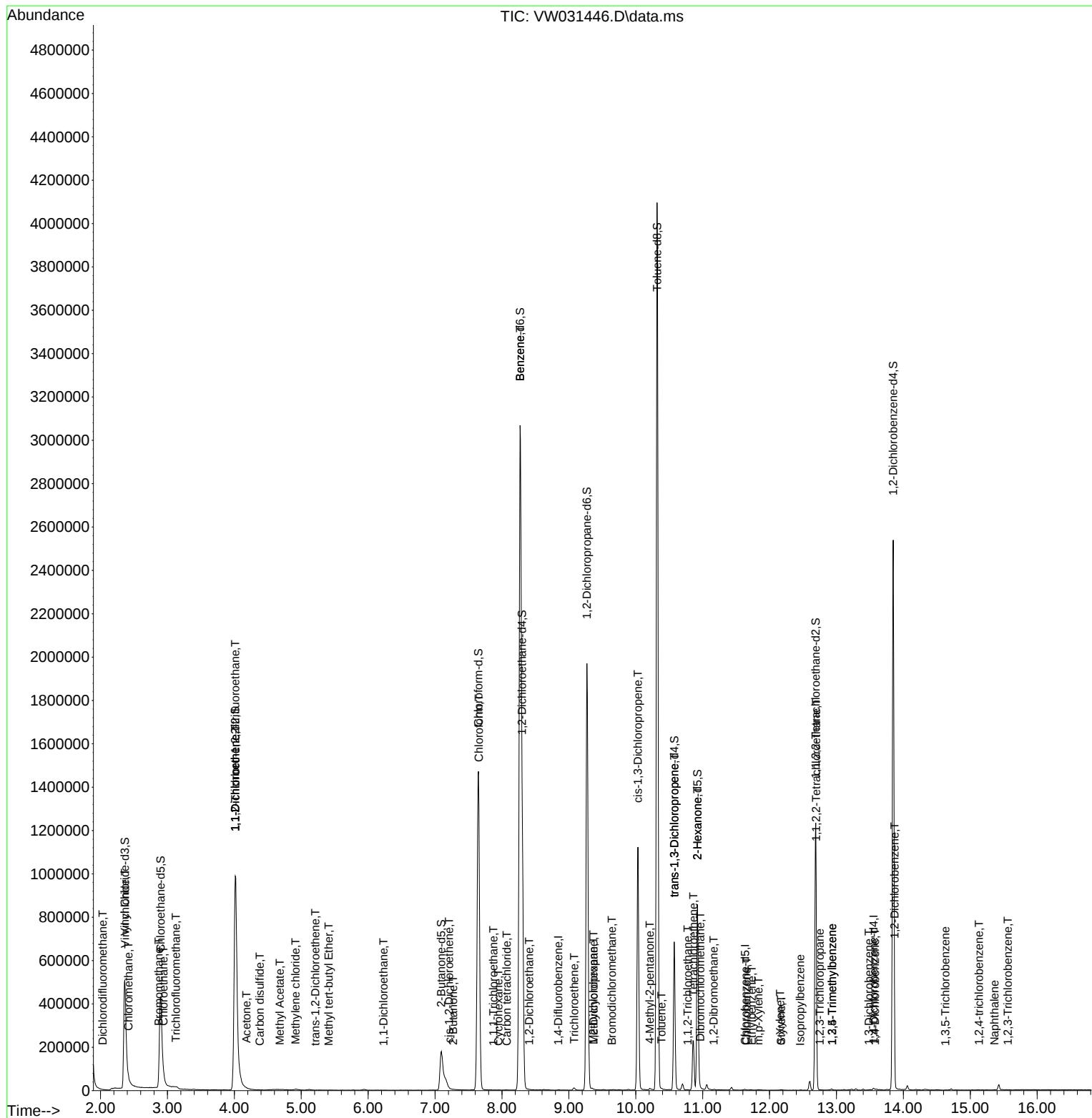
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.947	56	269	5.940	ug/L #	36
30) 1,1,1-Trichloroethane	7.874	97	41	0.950	ug/L #	4
31) Carbon tetrachloride	8.069	117	335	8.711	ug/L #	45
33) Benzene	8.270	78	25046	242.689	ug/L	100
34) Trichloroethene	9.081	95	43	1.476	ug/L #	1
35) Methylcyclohexane	9.368	83	158	3.114	ug/L #	24
37) 1,2-Dichloropropane	9.368	63	139	5.399	ug/L #	85
38) Bromodichloromethane	9.642	83	18	0.538	ug/L #	23
39) cis-1,3-Dichloropropene	10.032	75	28063	645.050	ug/L #	72
40) 4-Methyl-2-pentanone	10.209	43	4861	355.881	ug/L #	91
42) Toluene	10.386	91	2107	18.752	ug/L	96
44) trans-1,3-Dichloropropene	10.575	75	16879	475.157	ug/L	87
45) 1,1,2-Trichloroethane	10.776	97	24	1.401	ug/L #	16
46) Tetrachloroethene	10.861	164	51892	2431.447	ug/L	92
48) 2-Hexanone	10.922	43	35240	3033.502	ug/L #	70
49) Dibromochloromethane	10.965	129	46	2.266	ug/L #	8
50) 1,2-Dibromoethane	11.166	107	52	3.205	ug/L #	7
51) Chlorobenzene	11.654	112	162	2.300	ug/L #	51
52) Ethylbenzene	11.733	91	824	6.328	ug/L	86
53) m,p-Xylene	11.837	106	613	12.365	ug/L	69
54) o-Xylene	12.160	106	204	4.366	ug/L	88
55) Styrene	12.172	104	235	3.024	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.696	83	1690	91.548	ug/L #	1
60) Isopropylbenzene	12.459	105	142	0.456	ug/L #	1
61) 1,2,3-Trichloropropane	12.751	75	76	2.333	ug/L #	17
62) 1,3,5-Trimethylbenzene	12.934	105	325	1.230	ug/L	97
63) 1,2,4-Trimethylbenzene	12.934	105	325	1.273	ug/L	92
64) 1,3-Dichlorobenzene	13.483	146	109	0.863	ug/L #	63
65) 1,4-Dichlorobenzene	13.574	146	315	2.518	ug/L #	1
67) 1,2-Dichlorobenzene	13.867	146	156	1.434	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.629	180	76	0.860	ug/L #	69
70) 1,2,4-trichlorobenzene	15.129	180	187	2.543	ug/L #	77
71) Naphthalene	15.360	128	890	6.902	ug/L #	89
72) 1,2,3-Trichlorobenzene	15.562	180	61	1.029	ug/L #	1

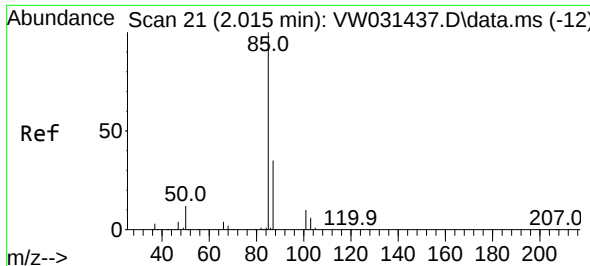
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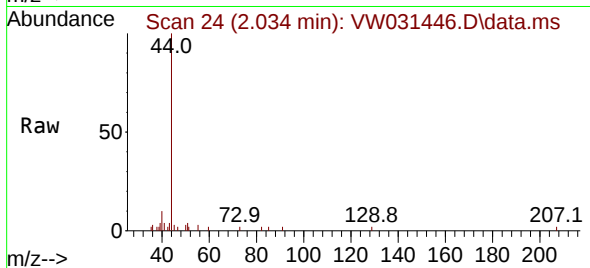
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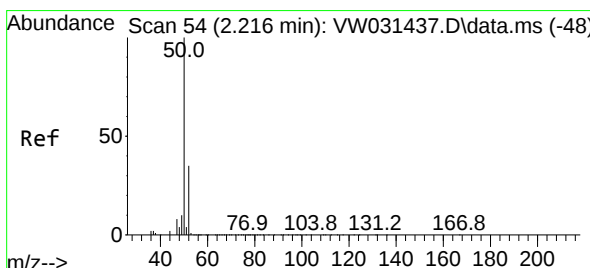
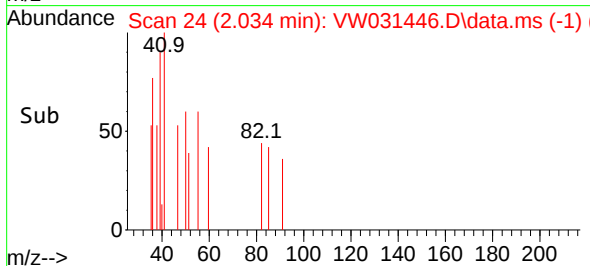
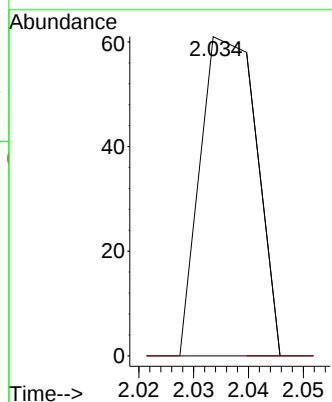


#2
Dichlorodifluoromethane
Concen: 3.783 ug/L
RT: 2.034 min Scan# 24
Delta R.T. 0.018 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Instrument :
MSVOA_W
ClientSampleId :

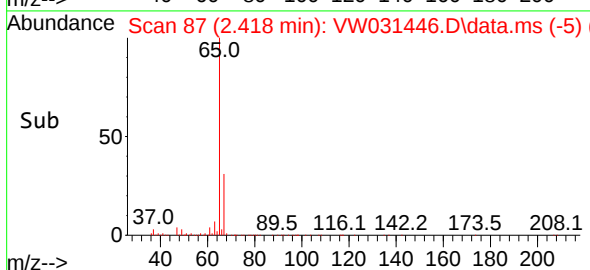
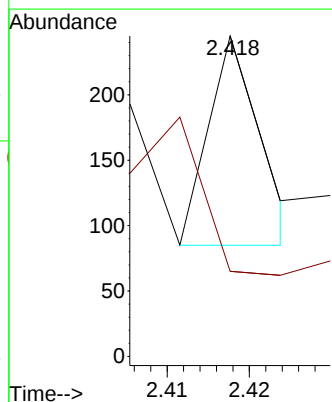
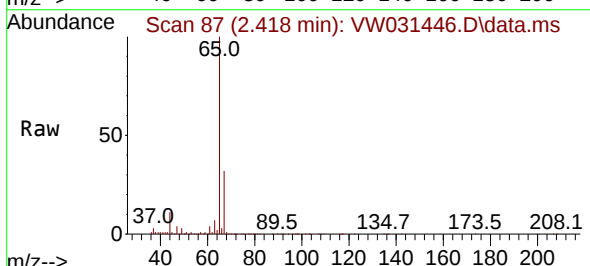


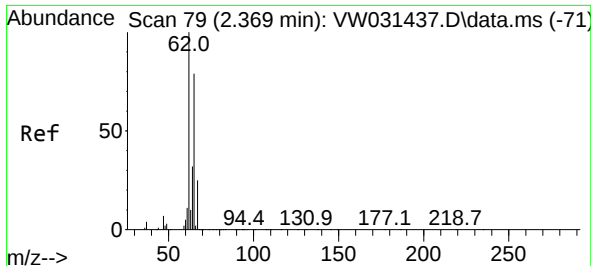
Tgt Ion: 85 Resp: 44
Ion Ratio Lower Upper
85 100
87 0.0 24.9 37.3#



#3
Chloromethane
Concen: 5.434 ug/L
RT: 2.418 min Scan# 87
Delta R.T. 0.201 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion: 50 Resp: 71
Ion Ratio Lower Upper
50 100
52 26.5 22.0 41.0

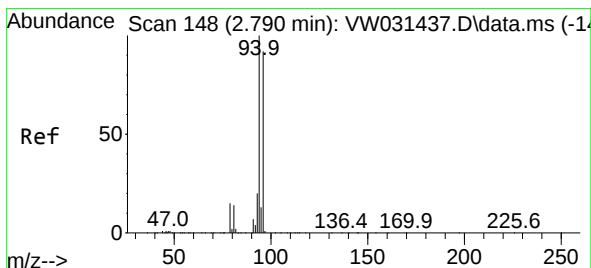
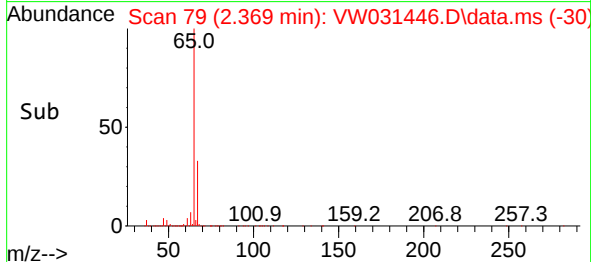
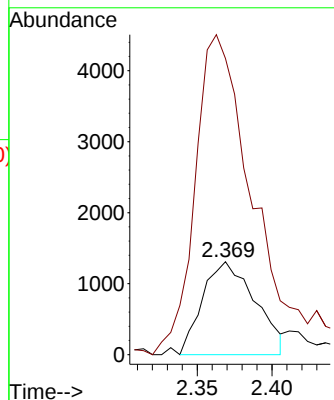
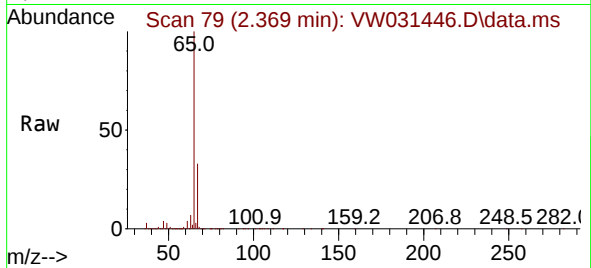




#5
 Vinyl chloride
 Concen: 177.152 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031446.D
 Acq: 20 Dec 2024 23:27

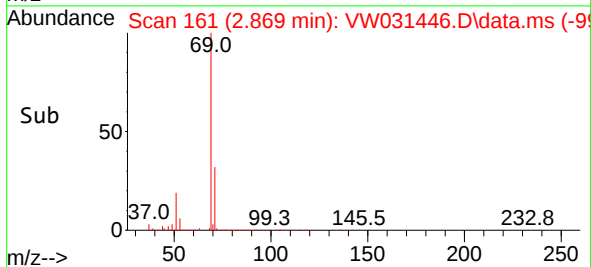
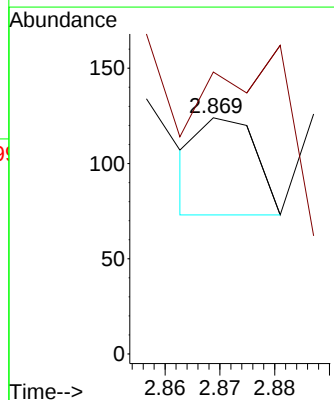
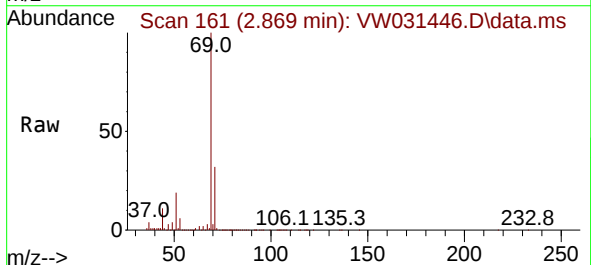
Instrument :
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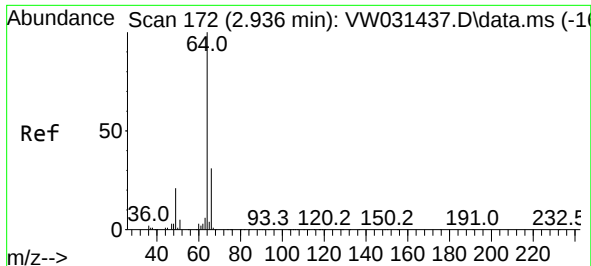
Tgt Ion: 62 Resp: 3208
 Ion Ratio Lower Upper
 62 100
 64 318.7 24.1 44.8#



#6
 Bromomethane
 Concen: 3.234 ug/L
 RT: 2.869 min Scan# 161
 Delta R.T. 0.079 min
 Lab File: VW031446.D
 Acq: 20 Dec 2024 23:27

Tgt Ion: 94 Resp: 36
 Ion Ratio Lower Upper
 94 100
 96 119.4 65.6 121.8

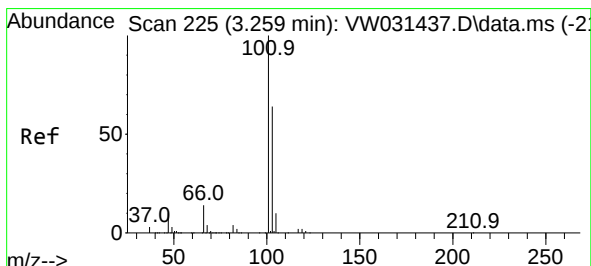
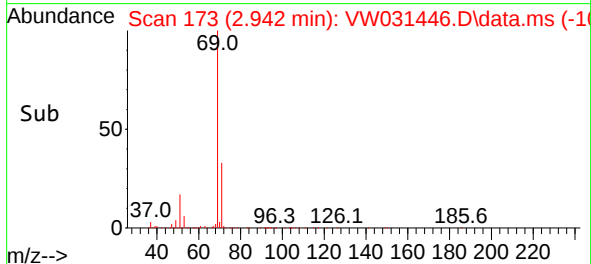
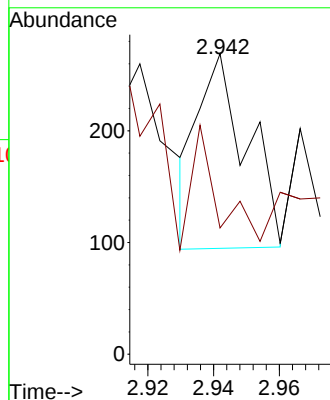
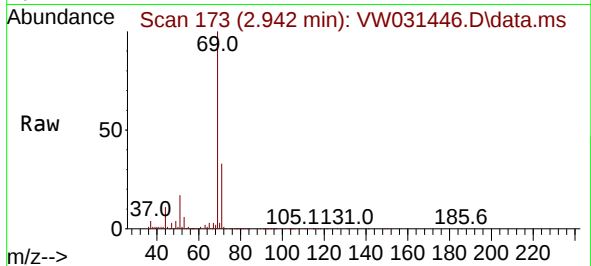




#8
Chloroethane
Concen: 16.621 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

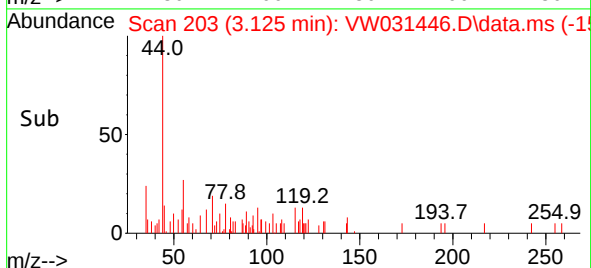
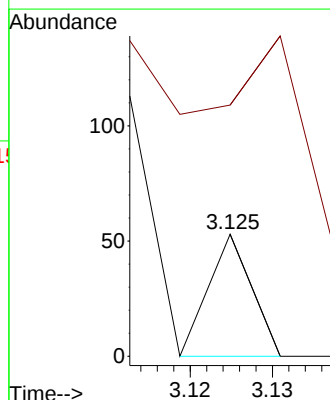
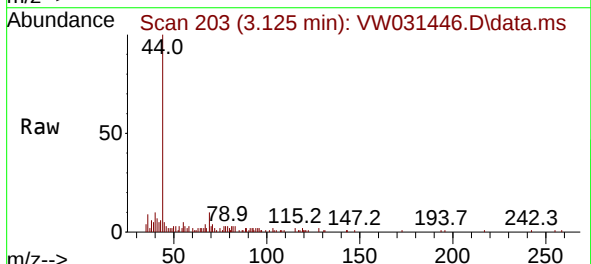
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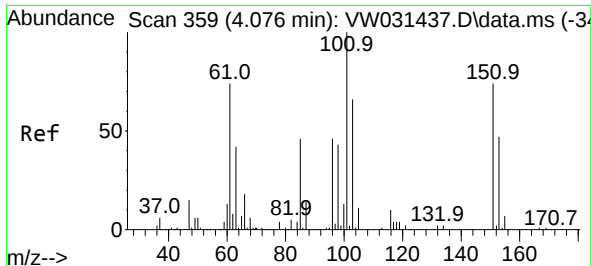
Tgt Ion: 64 Resp: 179
Ion Ratio Lower Upper
64 100
66 42.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 0.985 ug/L
RT: 3.125 min Scan# 203
Delta R.T. -0.134 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion: 101 Resp: 19
Ion Ratio Lower Upper
101 100
103 578.9 51.6 77.4#

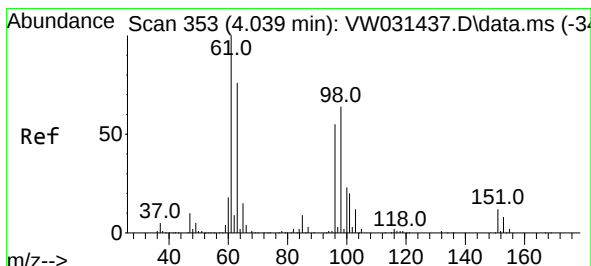
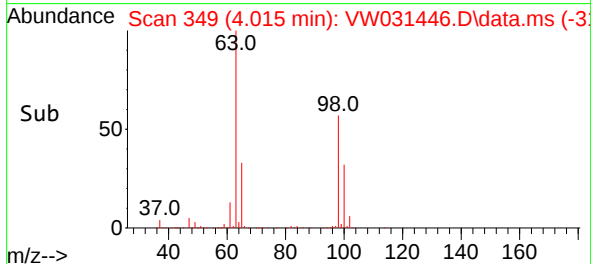
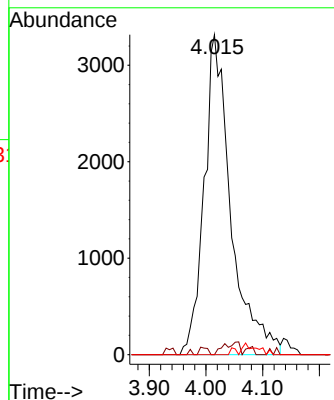
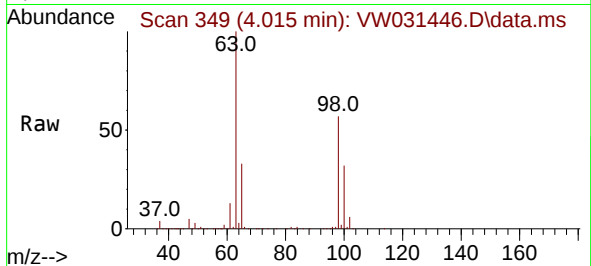




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 698.813 ug/L
 RT: 4.015 min Scan# 349
 Delta R.T. -0.061 min
 Lab File: VW031446.D
 Acq: 20 Dec 2024 23:27

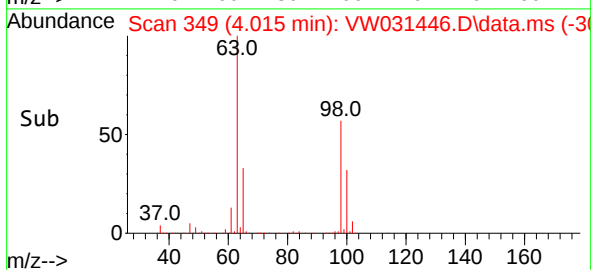
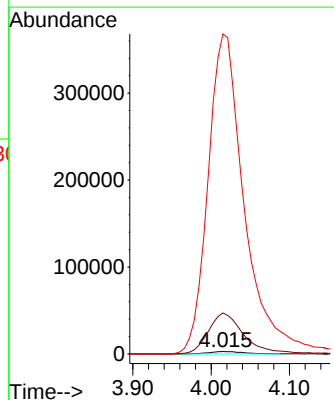
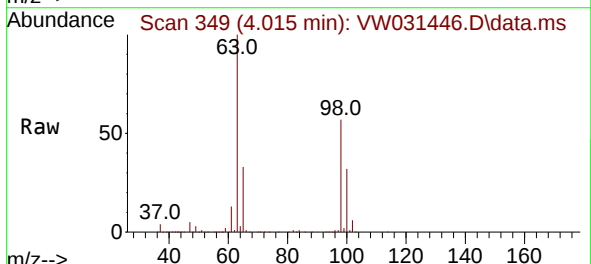
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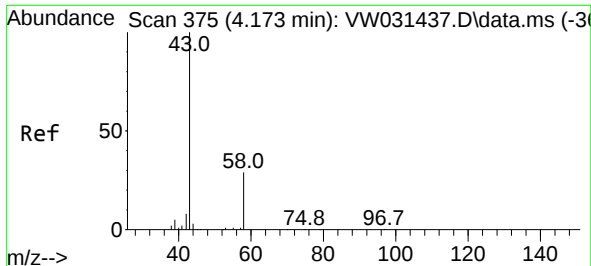
Tgt Ion:101 Resp: 10886
 Ion Ratio Lower Upper
 101 100
 85 1.1 33.0 49.4#
 151 0.4 54.8 82.2#



#12
 1,1-Dichloroethene
 Concen: 554.584 ug/L
 RT: 4.015 min Scan# 349
 Delta R.T. -0.024 min
 Lab File: VW031446.D
 Acq: 20 Dec 2024 23:27

Tgt Ion: 96 Resp: 8750
 Ion Ratio Lower Upper
 96 100
 61 1713.3 125.3 232.7#
 63 13367.2 104.6 194.2#





#13

Acetone

Concen: 290.622 ug/L

RT: 4.180 min Scan# 31

Delta R.T. 0.006 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

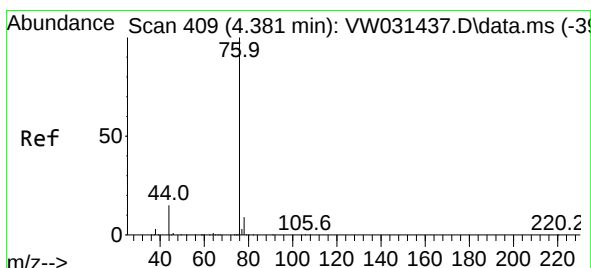
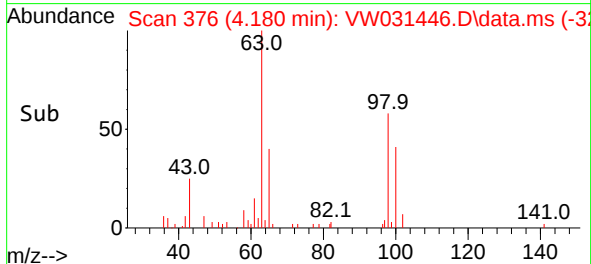
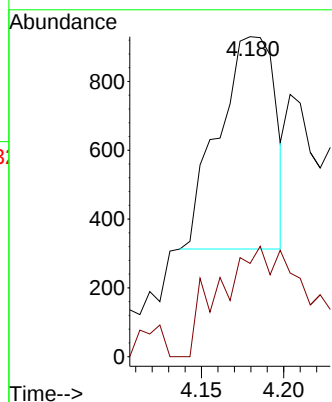
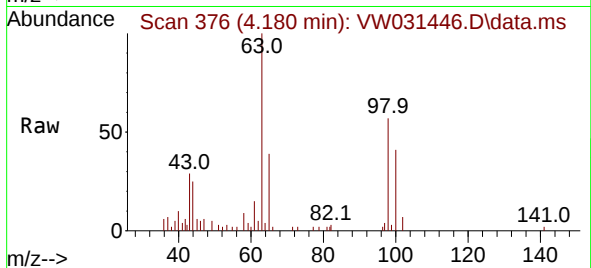
ClientSampleId :

Tgt Ion: 43 Resp: 1476

Ion Ratio Lower Upper

43 100

58 11.5 0.0 0.0#



#14

Carbon disulfide

Concen: 3.751 ug/L

RT: 4.381 min Scan# 409

Delta R.T. 0.000 min

Lab File: VW031446.D

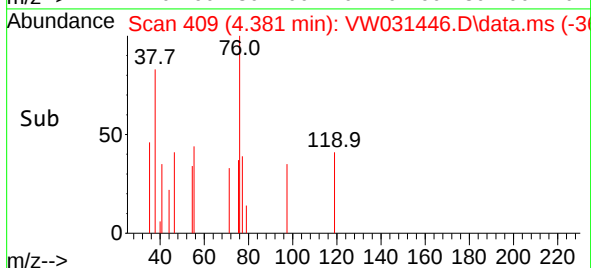
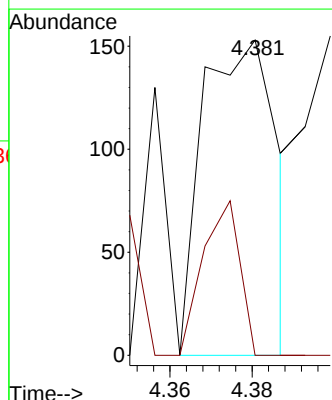
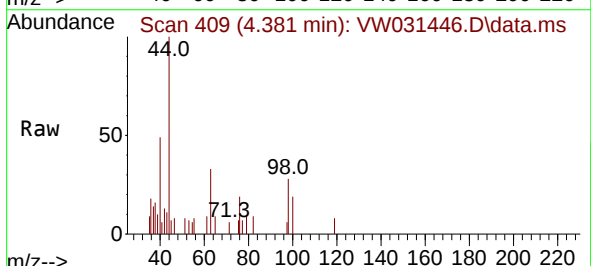
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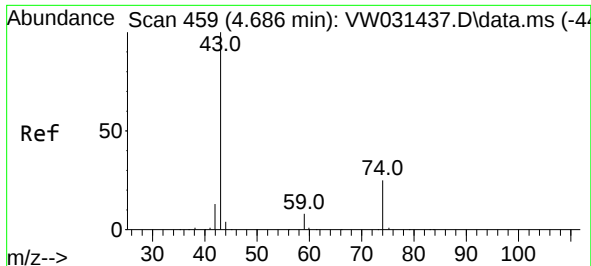
Tgt Ion: 76 Resp: 193

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

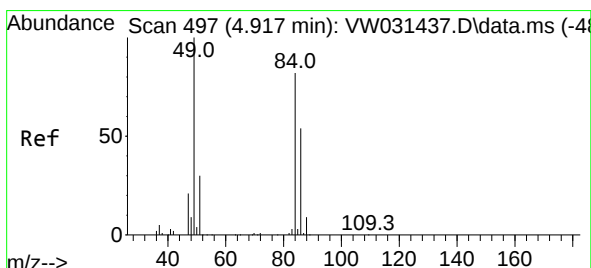
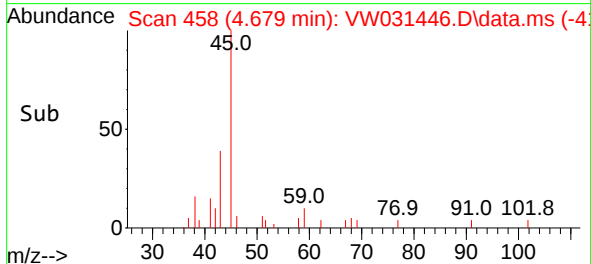
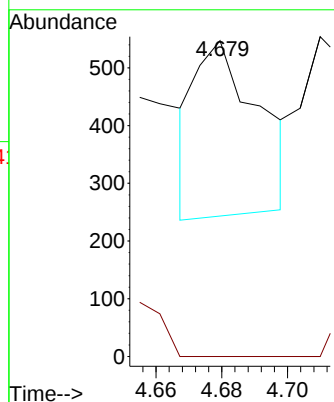
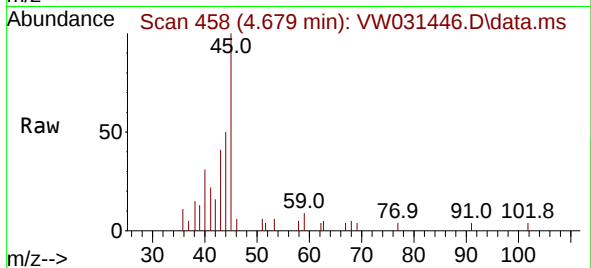




#15
Methyl Acetate
Concen: 70.384 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.006 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

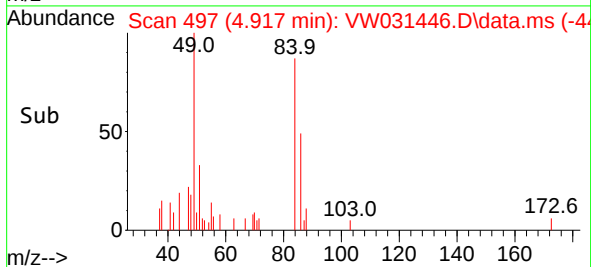
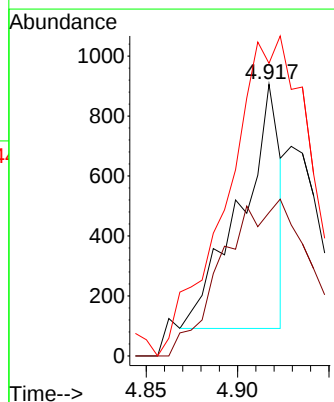
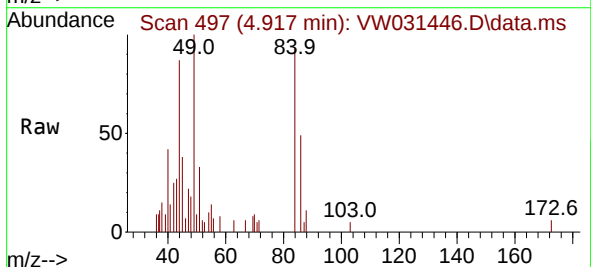
Instrument :
MSVOA_W
ClientSampleId :

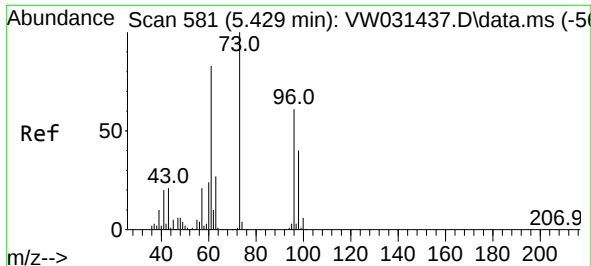
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
74 15.0 18.9 28.3#



#16
Methylene chloride
Concen: 76.390 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion: 84 Resp: 1237
Ion Ratio Lower Upper
84 100
86 52.8 44.7 82.9
49 107.7 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 2.352 ug/L

RT: 5.210 min Scan# 54

Delta R.T. -0.219 min

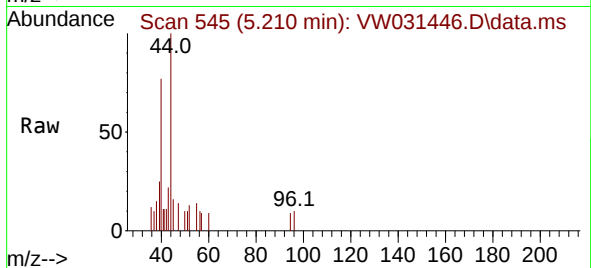
Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

ClientSampleId :



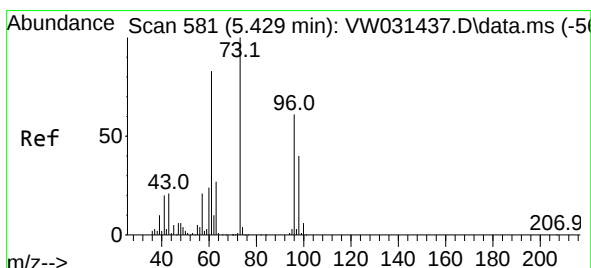
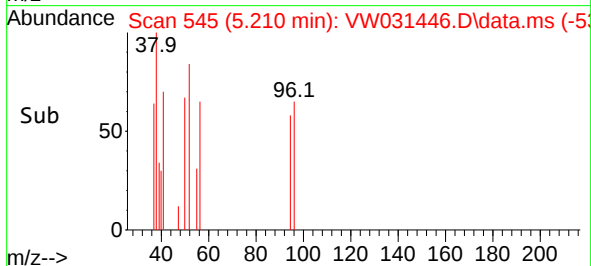
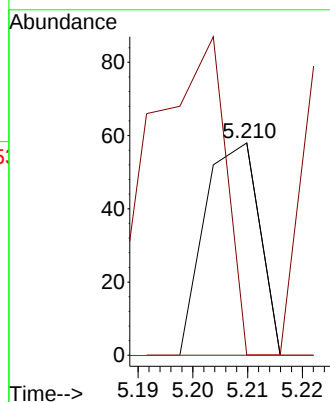
Tgt Ion: 96 Resp: 40

Ion Ratio Lower Upper

96 100

61 0.0 100.7 187.1#

98 0.0 43.8 81.3#



#18

Methyl tert-butyl Ether

Concen: 1.864 ug/L

RT: 5.411 min Scan# 578

Delta R.T. -0.018 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

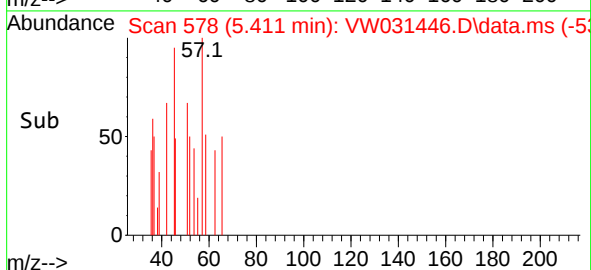
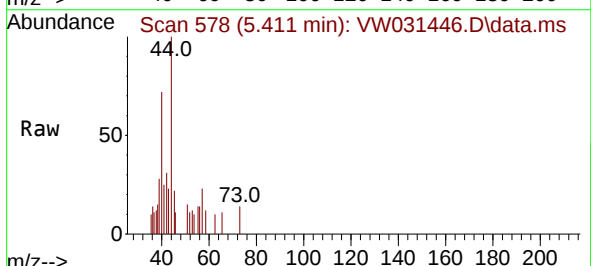
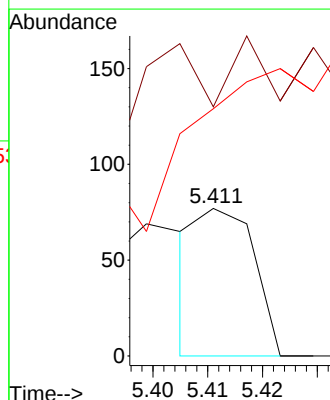
Tgt Ion: 73 Resp: 53

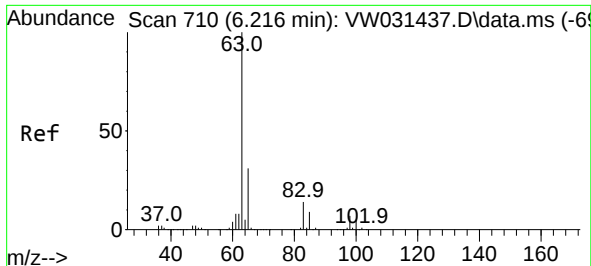
Ion Ratio Lower Upper

73 100

43 375.5 17.9 26.9#

57 241.5 17.9 26.9#



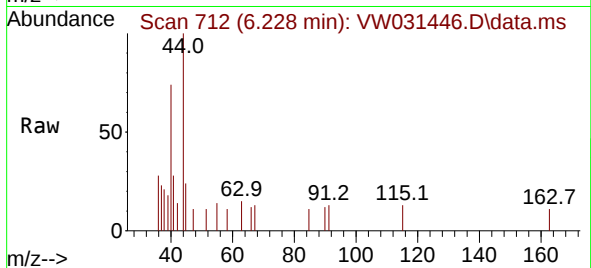


#19
1,1-Dichloroethane
Concen: 1.573 ug/L
RT: 6.228 min Scan# 710
Delta R.T. 0.012 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

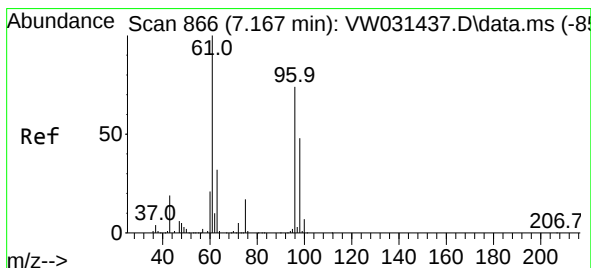
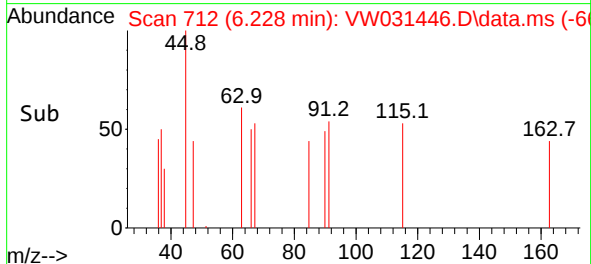
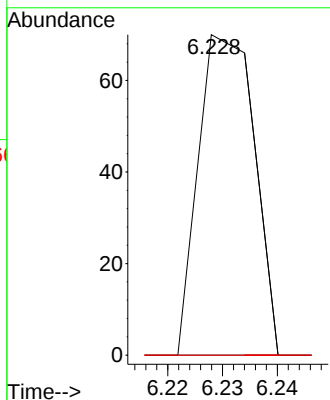
Instrument :

MSVOA_W

ClientSampleId :

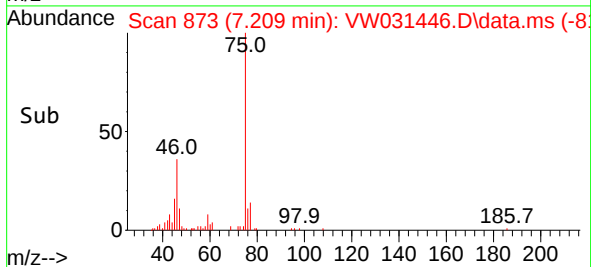
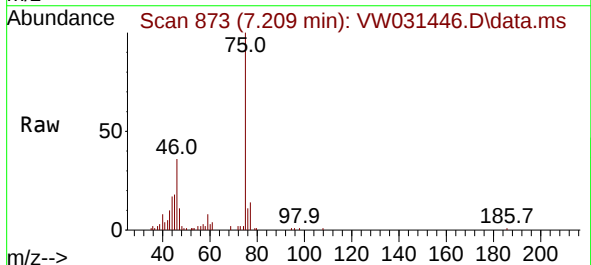
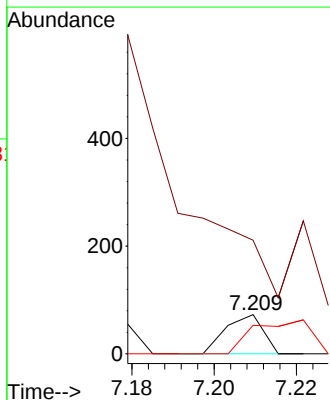


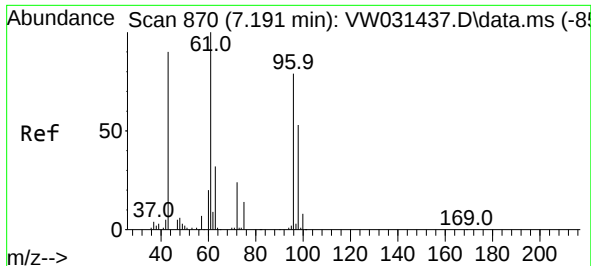
Tgt Ion:	63	Resp:	50
Ion	Ratio	Lower	Upper
63	100		
65	0.0	21.9	40.7#
83	0.0	9.3	17.3#



#20
cis-1,2-Dichloroethene
Concen: 2.500 ug/L
RT: 7.209 min Scan# 873
Delta R.T. 0.043 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion:	96	Resp:	46
Ion	Ratio	Lower	Upper
96	100		
61	289.0	92.2	171.2#
98	72.6	43.7	81.1





#22

2-Butanone

Concen: 12.838 ug/L

RT: 7.270 min Scan# 81

Delta R.T. 0.079 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

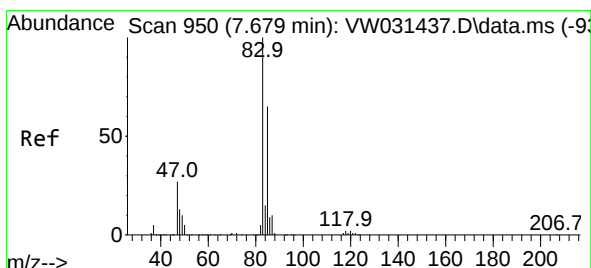
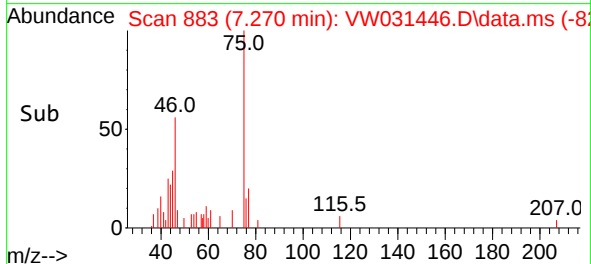
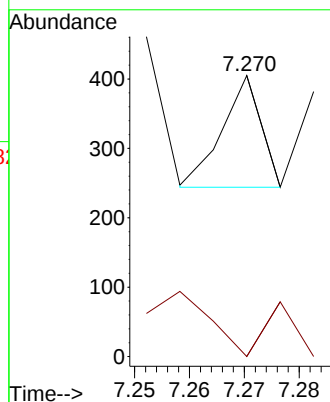
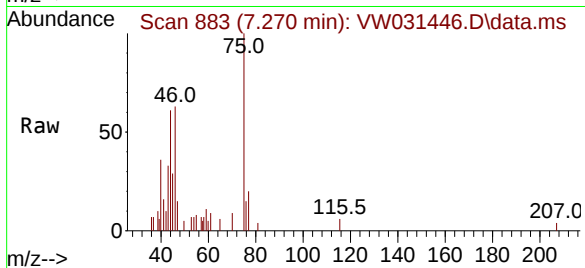
ClientSampleId :

Tgt Ion: 43 Resp: 79

Ion Ratio Lower Upper

43 100

72 36.7 13.3 39.8



#25

Chloroform

Concen: 104.893 ug/L

RT: 7.655 min Scan# 946

Delta R.T. -0.024 min

Lab File: VW031446.D

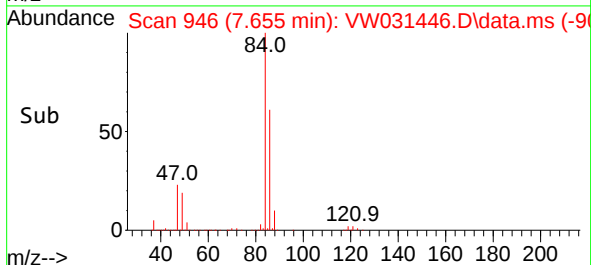
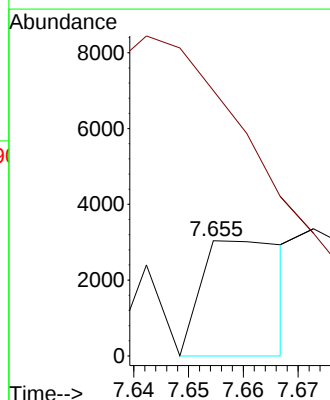
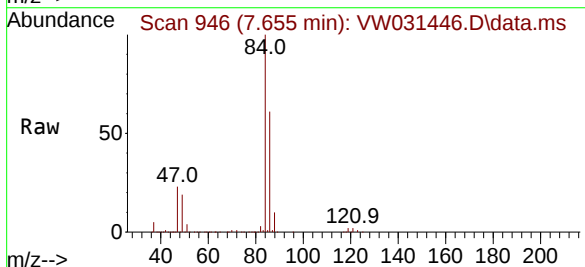
Acq: 20 Dec 2024 23:27

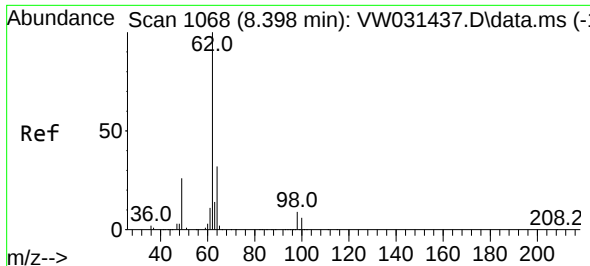
Tgt Ion: 83 Resp: 3290

Ion Ratio Lower Upper

83 100

85 230.4 46.1 85.5#





#27

1,2-Dichloroethane

Concen: 26.675 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

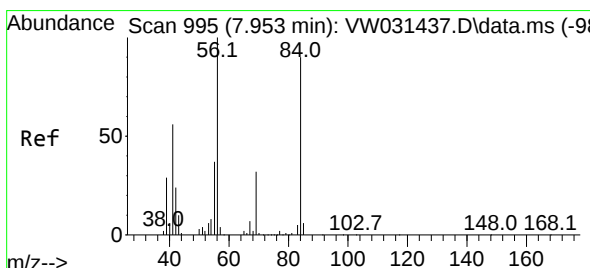
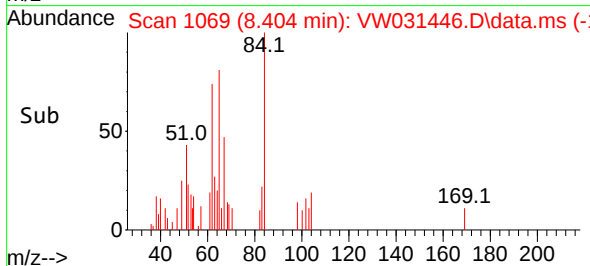
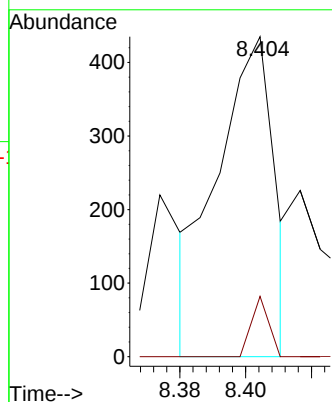
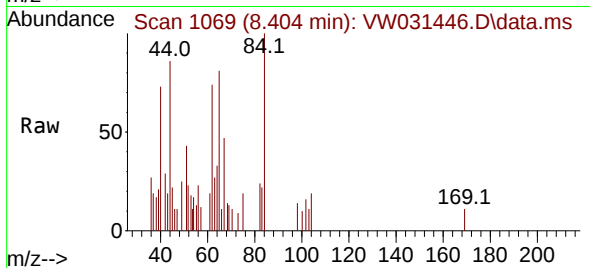
ClientSampleId :

Tgt Ion: 62 Resp: 526

Ion Ratio Lower Upper

62 100

98 18.9 7.2 10.8#



#29

Cyclohexane

Concen: 5.940 ug/L

RT: 7.947 min Scan# 994

Delta R.T. -0.006 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

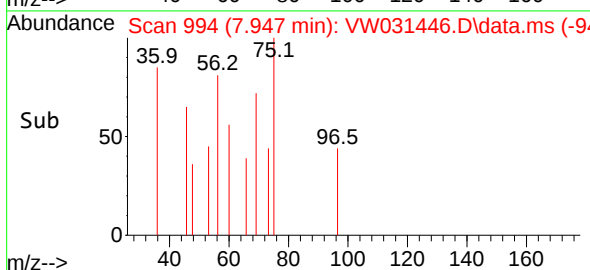
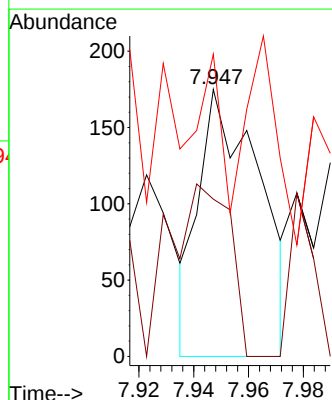
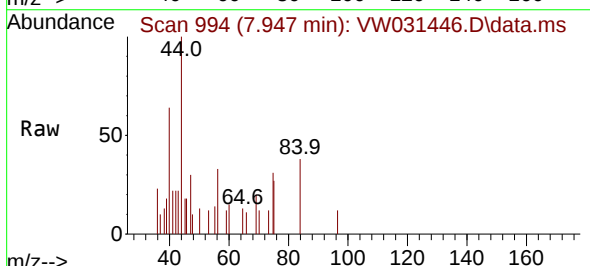
Tgt Ion: 56 Resp: 269

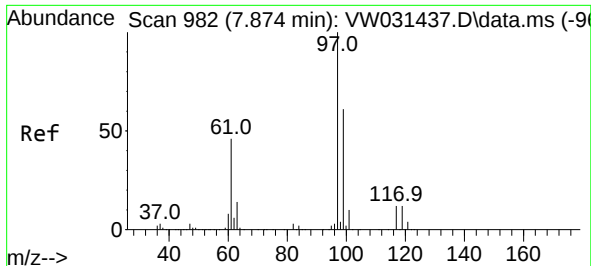
Ion Ratio Lower Upper

56 100

69 63.9 25.0 37.4#

84 25.3 68.9 103.3#





#30

1,1,1-Trichloroethane

Concen: 0.950 ug/L

RT: 7.874 min Scan# 9

Delta R.T. 0.000 min

Lab File: VW031446.D

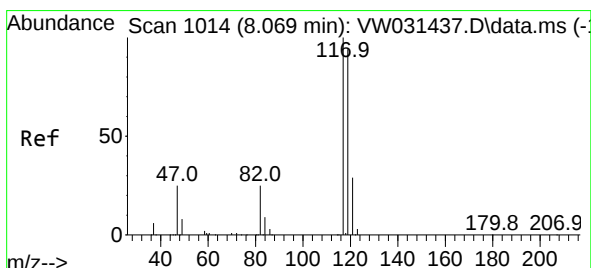
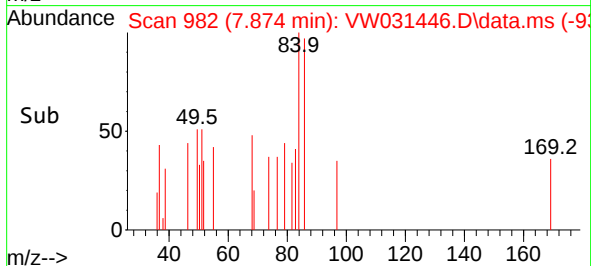
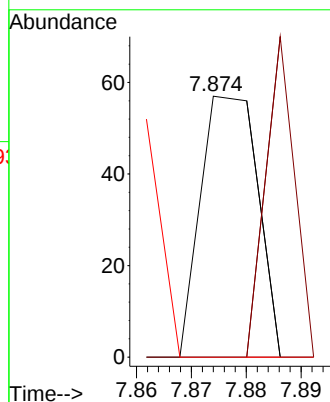
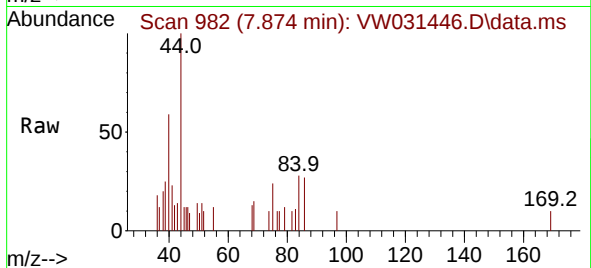
Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97	Resp:	41
Ion	Ratio	Lower Upper
97	100	
99	0.0	51.1 76.7#
61	122.0	36.3 54.5#



#31

Carbon tetrachloride

Concen: 8.711 ug/L

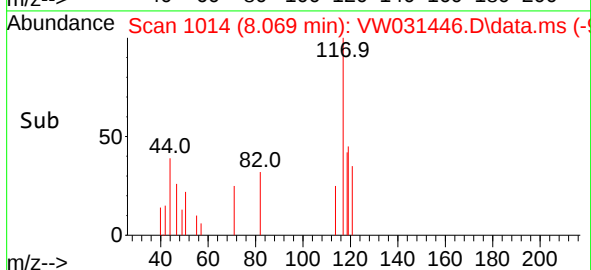
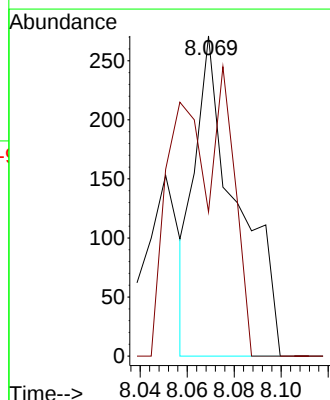
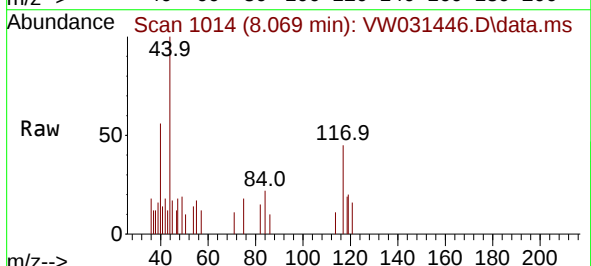
RT: 8.069 min Scan# 1014

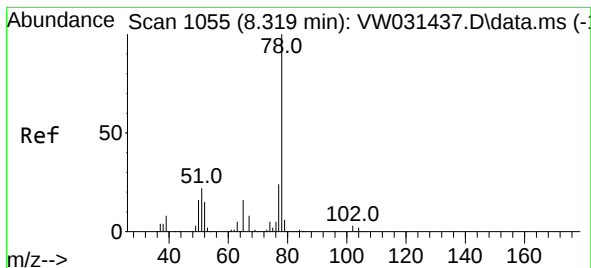
Delta R.T. 0.000 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Tgt Ion: 117	Resp:	335
Ion	Ratio	Lower Upper
117	100	
119	41.2	76.0 114.0#





#33

Benzene

Concen: 242.689 ug/L

RT: 8.270 min Scan# 110

Delta R.T. -0.049 min

Lab File: VW031446.D

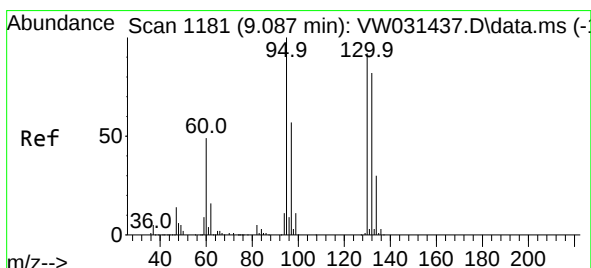
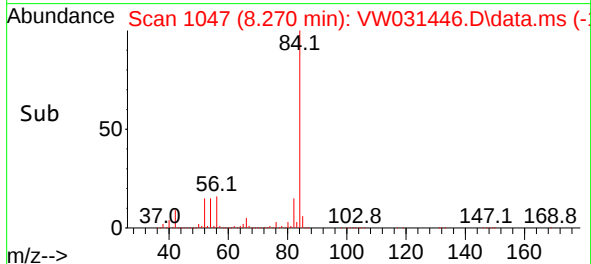
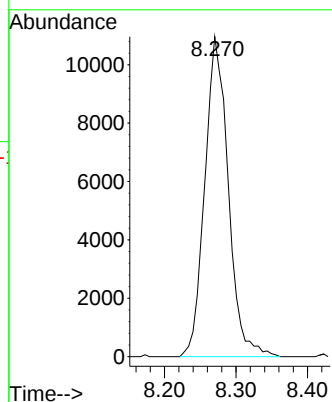
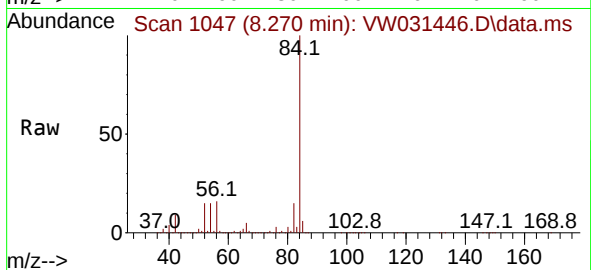
Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 25046



#34

Trichloroethene

Concen: 1.476 ug/L

RT: 9.081 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Tgt Ion: 95 Resp: 43

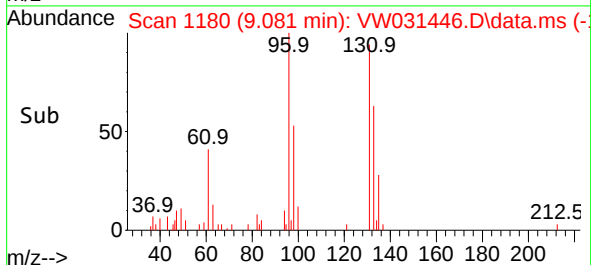
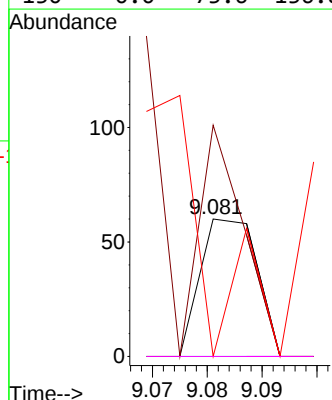
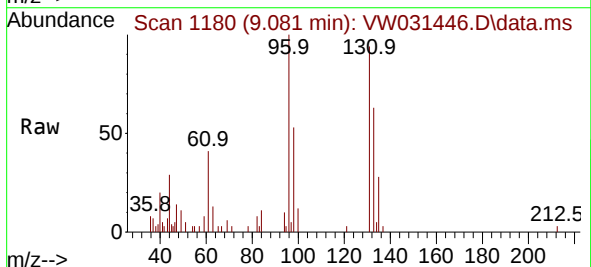
Ion Ratio Lower Upper

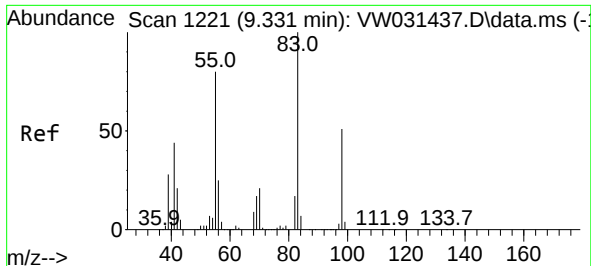
95 100

97 168.3 46.5 86.3#

132 0.0 70.3 130.5#

130 0.0 73.6 136.8#





#35

Methylcyclohexane

Concen: 3.114 ug/L

RT: 9.368 min Scan# 1221

Delta R.T. 0.037 min

Lab File: VW031446.D

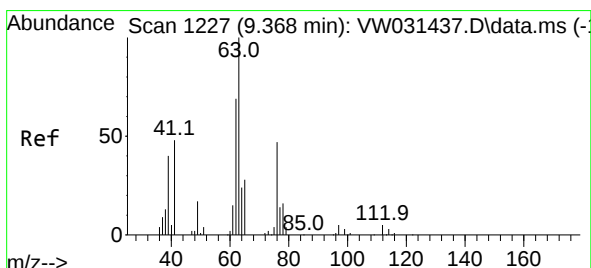
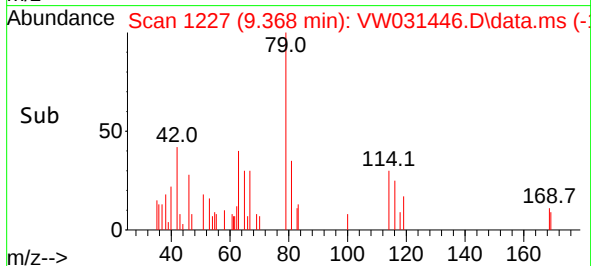
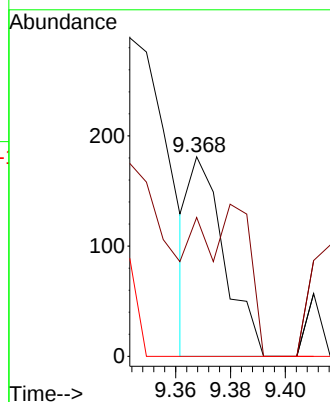
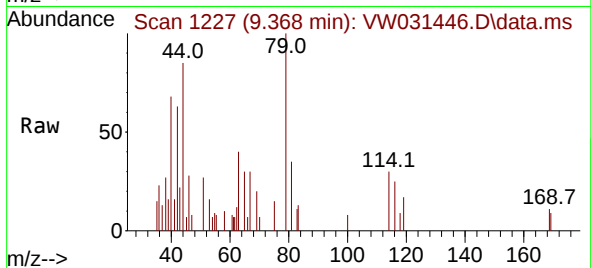
Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 158
Ion Ratio	Lower Upper
83 100	
55 9.5	62.6 93.8#
98 0.0	39.8 59.6#



#37

1,2-Dichloropropane

Concen: 5.399 ug/L

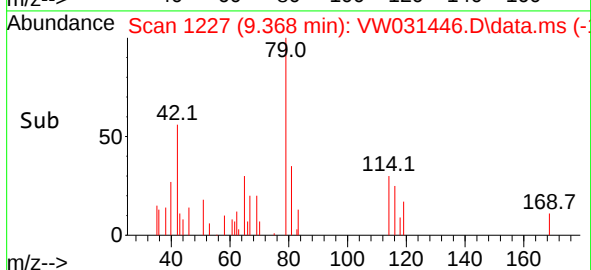
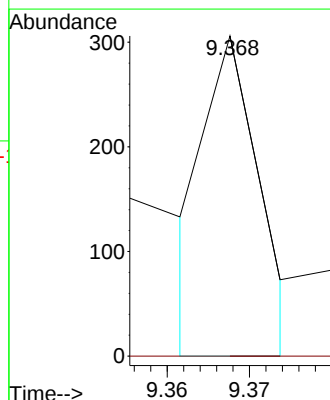
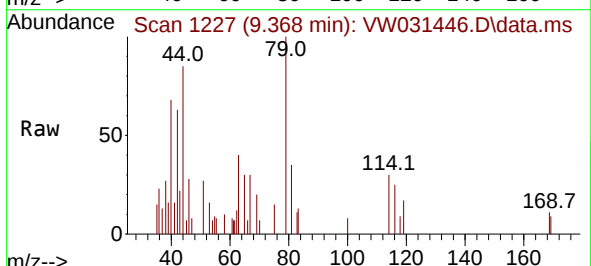
RT: 9.368 min Scan# 1227

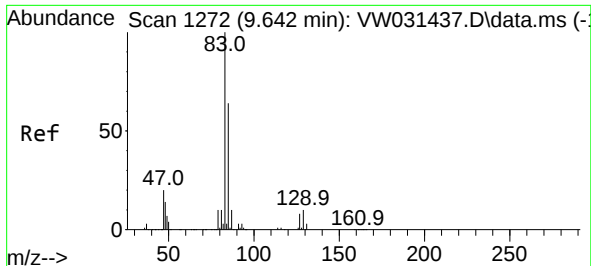
Delta R.T. 0.000 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Tgt Ion: 63	Resp: 139		
Ion Ratio	Lower	Upper	
63 100			
112 0.0	3.8	5.8#	

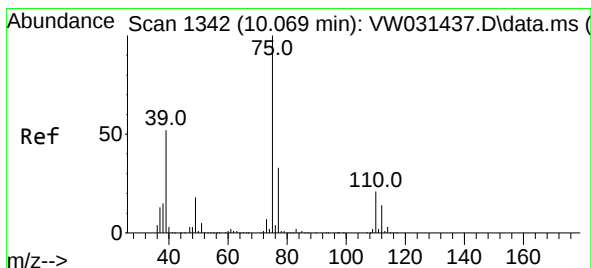
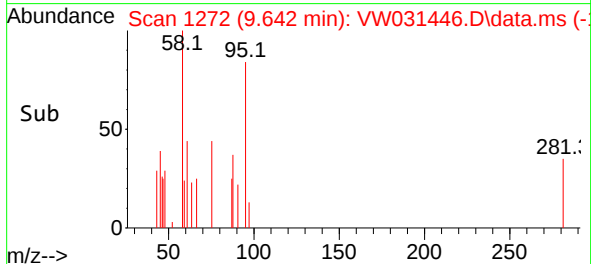
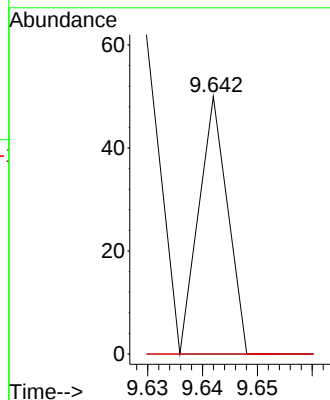
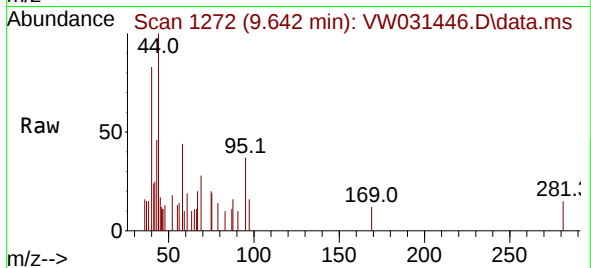




#38
Bromodichloromethane
Concen: 0.538 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

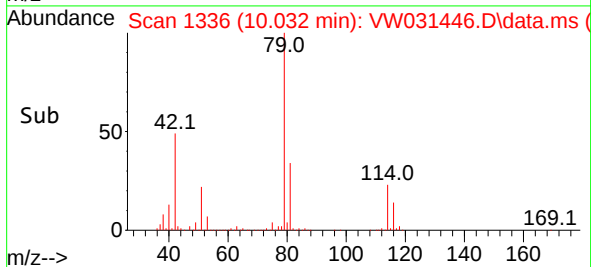
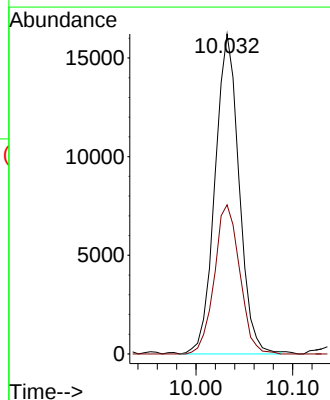
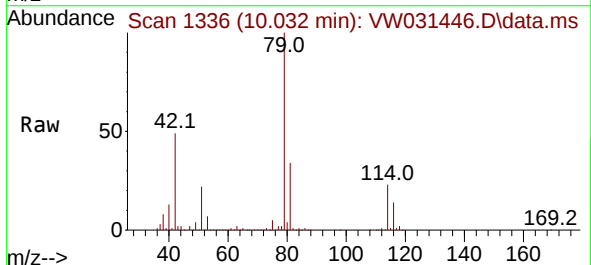
Instrument :
MSVOA_W
ClientSampleId :

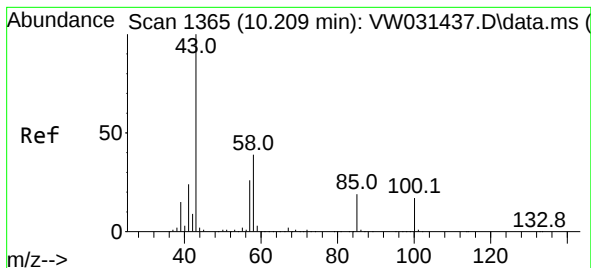
Tgt Ion: 83 Resp: 18
Ion Ratio Lower Upper
83 100
85 0.0 46.5 86.5#
127 0.0 6.2 9.4#



#39
cis-1,3-Dichloropropene
Concen: 645.050 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.037 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion: 75 Resp: 28063
Ion Ratio Lower Upper
75 100
77 46.6 21.8 40.4#

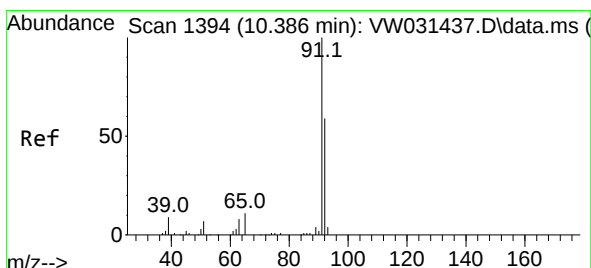
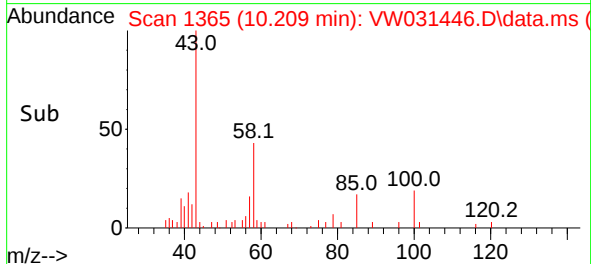
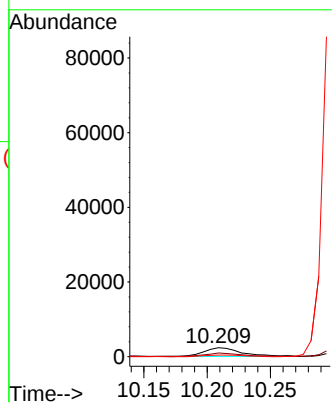
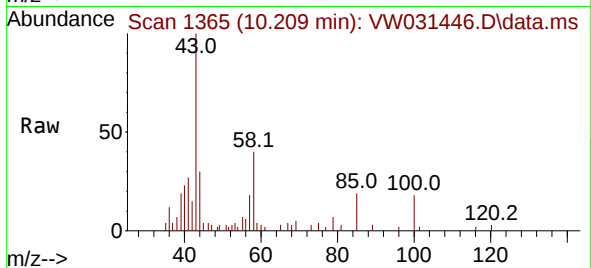




#40
4-Methyl-2-pentanone
Concen: 355.881 ug/L
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

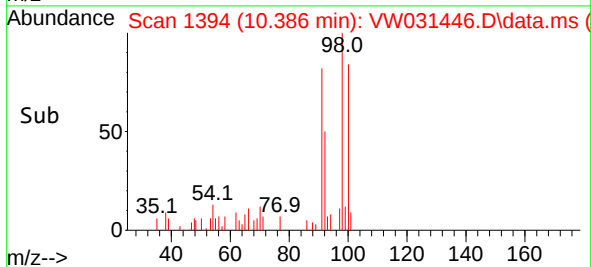
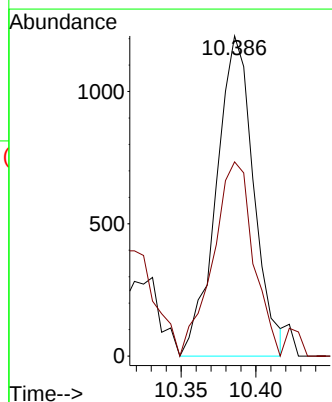
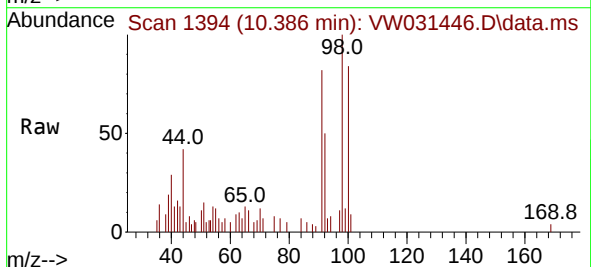
Instrument :
MSVOA_W
ClientSampleId :

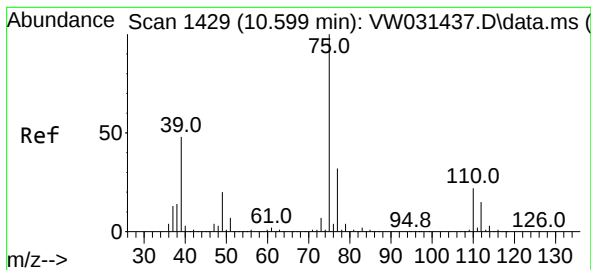
Tgt Ion: 43 Resp: 4861
Ion Ratio Lower Upper
43 100
58 44.3 31.1 46.7
100 20.0 13.0 19.6#



#42
Toluene
Concen: 18.752 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion: 91 Resp: 2107
Ion Ratio Lower Upper
91 100
92 60.7 40.3 74.9

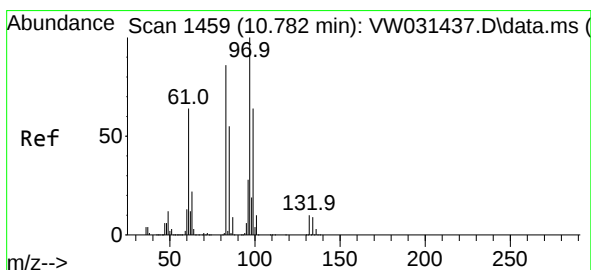
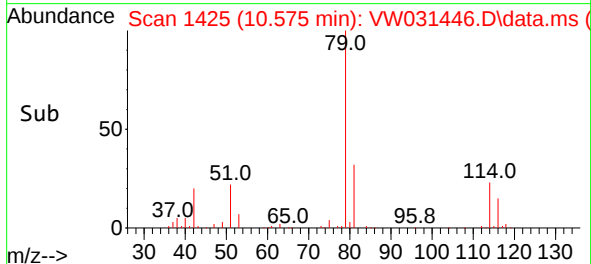
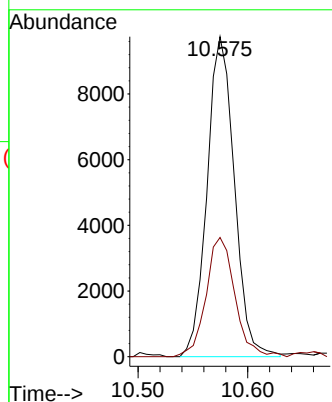
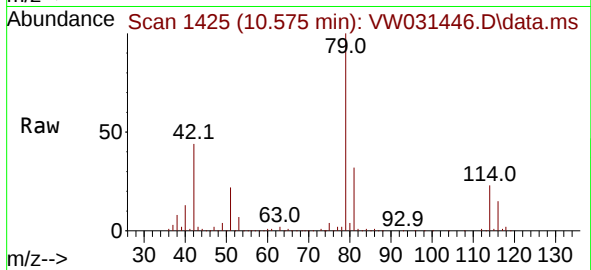




#44
trans-1,3-Dichloropropene
Concen: 475.157 ug/L
RT: 10.575 min Scan# 1425
Delta R.T. -0.024 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

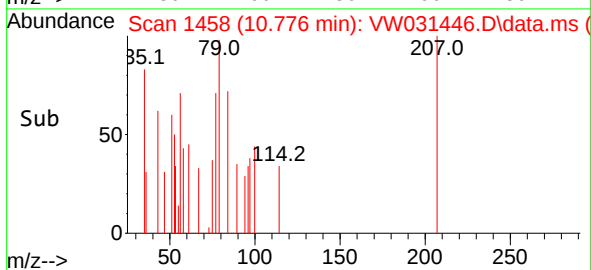
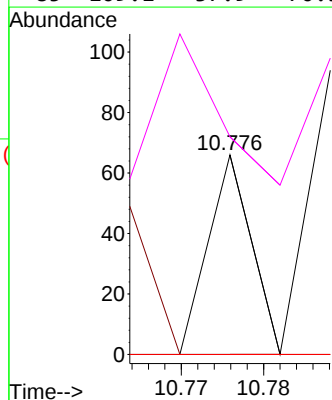
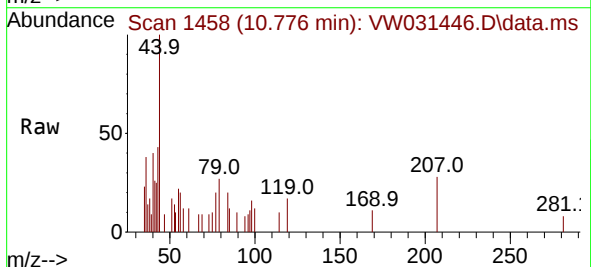
Instrument :
MSVOA_W
ClientSampleId :

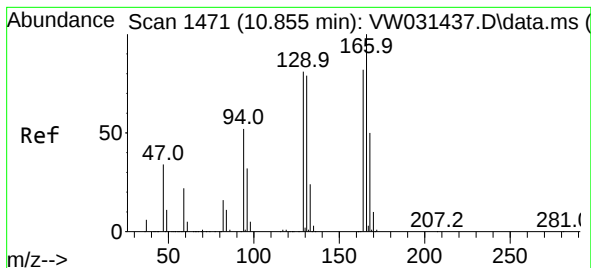
Tgt Ion: 75 Resp: 16879
Ion Ratio Lower Upper
75 100
77 37.3 21.2 39.4



#45
1,1,2-Trichloroethane
Concen: 1.401 ug/L
RT: 10.776 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion: 97 Resp: 24
Ion Ratio Lower Upper
97 100
99 0.0 43.0 80.0#
83 0.0 56.4 104.7#
85 109.1 37.9 70.3#





#46

Tetrachloroethene

Concen: 2431.447 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

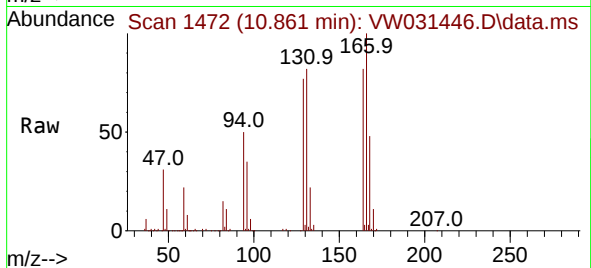
Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 51892

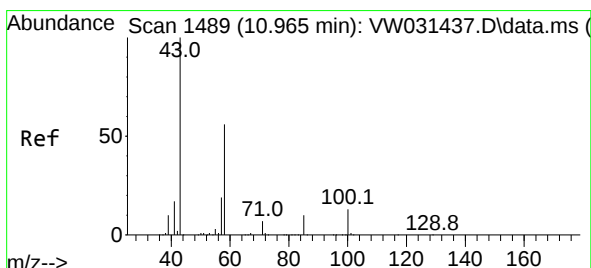
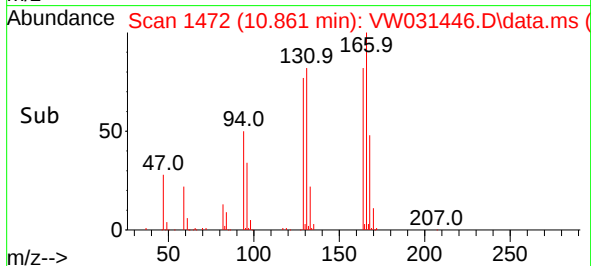
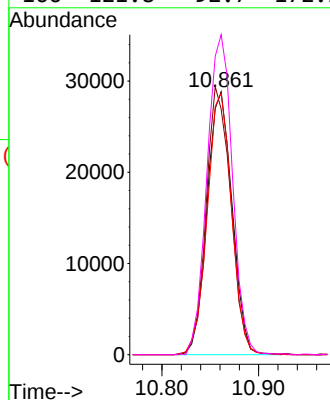
Ion Ratio Lower Upper

164 100

129 93.4 73.5 136.5

131 99.5 66.6 123.8

166 121.8 92.7 172.3



#48

2-Hexanone

Concen: 3033.502 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Tgt Ion: 43 Resp: 35240

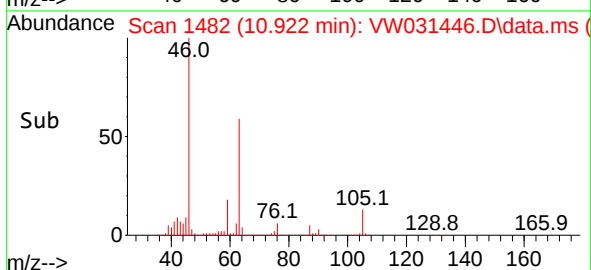
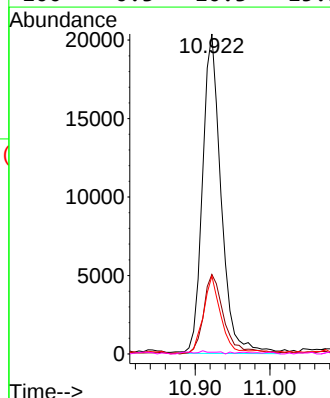
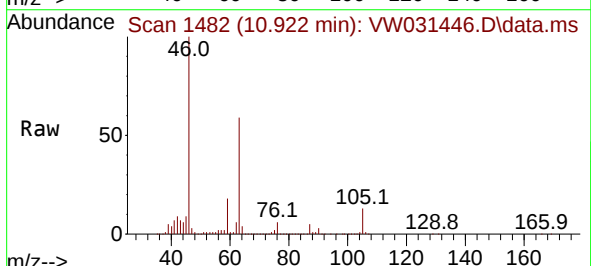
Ion Ratio Lower Upper

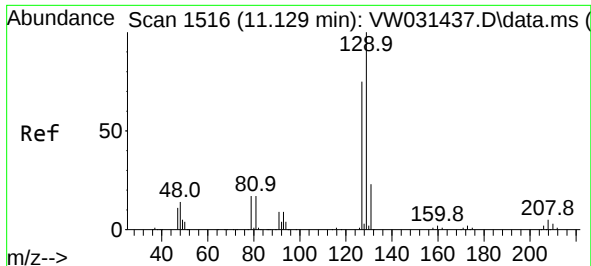
43 100

58 26.1 43.0 64.6#

57 22.3 15.7 23.5

100 0.3 10.3 15.5#

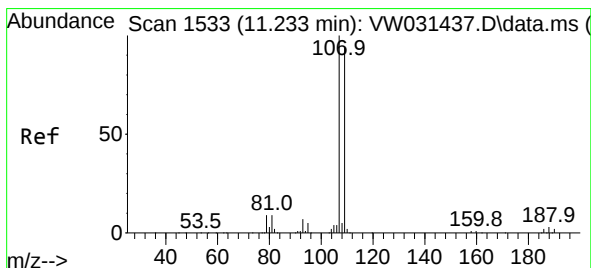
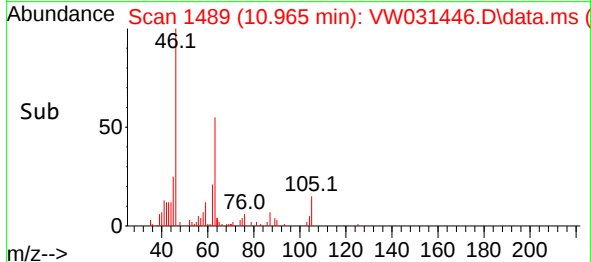
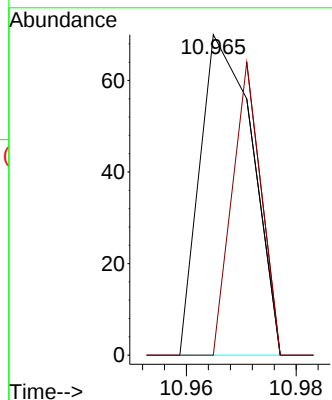
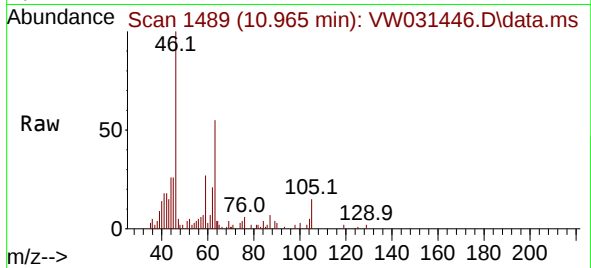




#49
Dibromochloromethane
Concen: 2.266 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.165 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

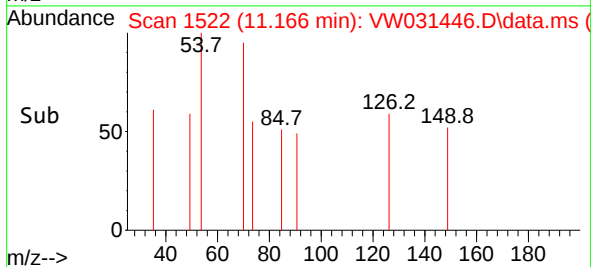
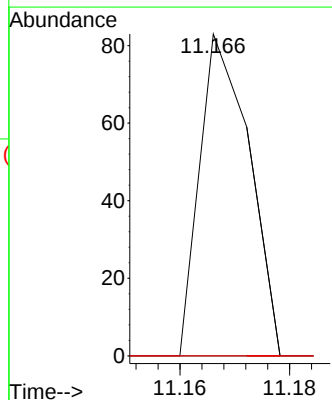
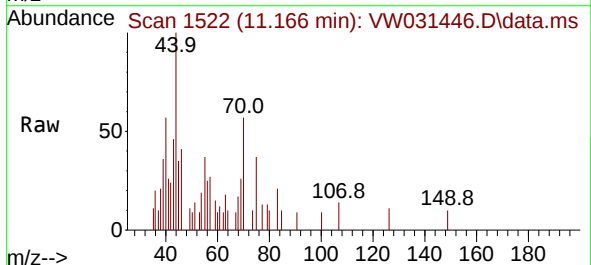
Instrument :
MSVOA_W
ClientSampleId :

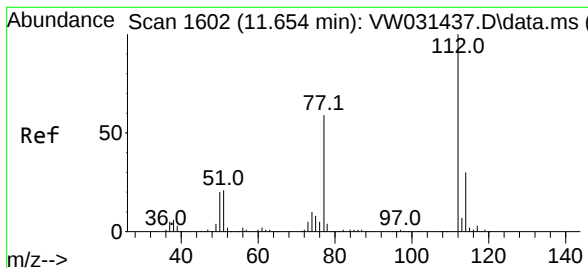
Tgt Ion:129 Resp: 46
Ion Ratio Lower Upper
129 100
127 0.0 57.6 107.0#



#50
1,2-Dibromoethane
Concen: 3.205 ug/L
RT: 11.166 min Scan# 1522
Delta R.T. -0.067 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion:107 Resp: 52
Ion Ratio Lower Upper
107 100
109 0.0 63.2 117.4#
188 0.0 2.6 4.0#

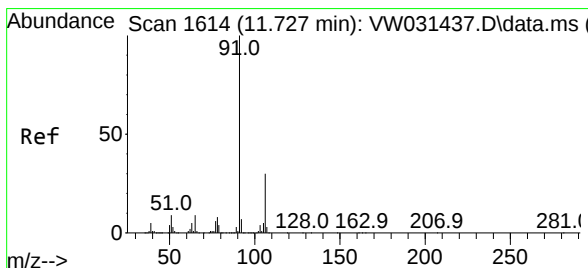
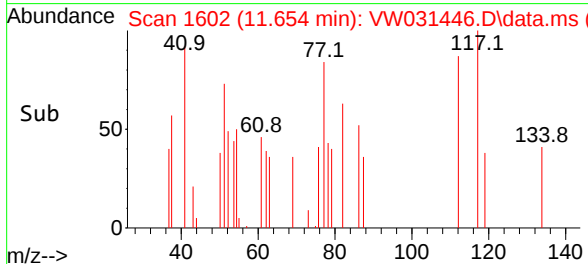
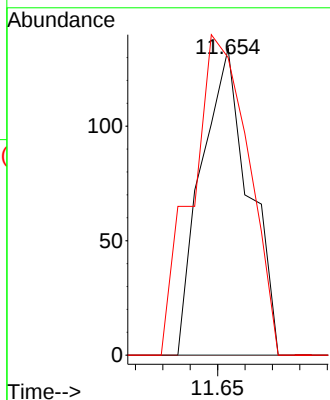
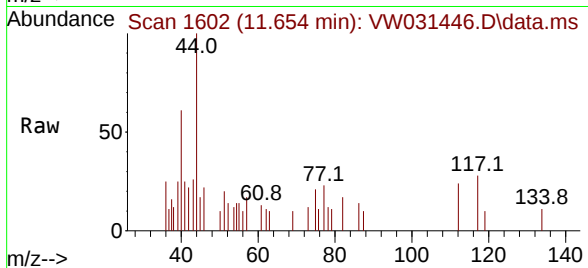




#51
Chlorobenzene
Concen: 2.300 ug/L
RT: 11.654 min Scan# 1162
Delta R.T. 0.000 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

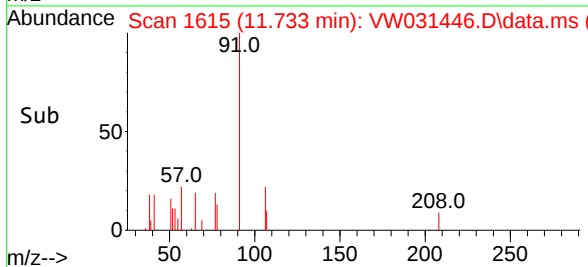
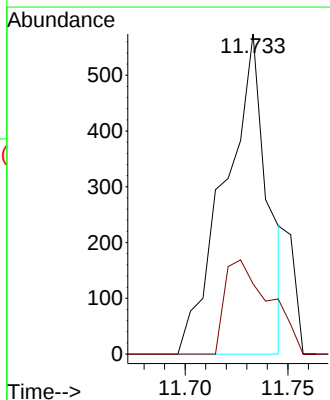
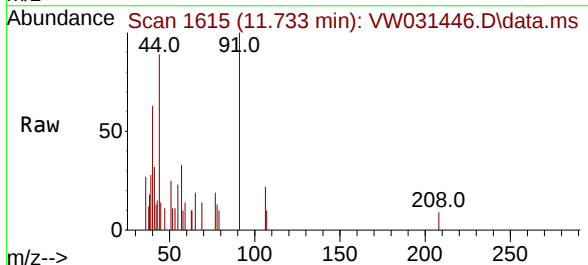
Instrument :
MSVOA_W
ClientSampleId :

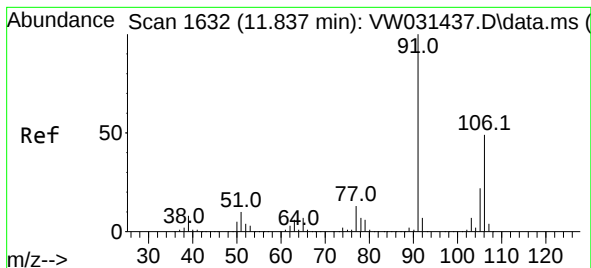
Tgt Ion:112 Resp: 162
Ion Ratio Lower Upper
112 100
114 0.0 22.7 42.3#
77 97.0 50.2 75.4#



#52
Ethylbenzene
Concen: 6.328 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion: 91 Resp: 824
Ion Ratio Lower Upper
91 100
106 22.0 20.7 38.5





#53

m,p-Xylene

Concen: 12.365 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

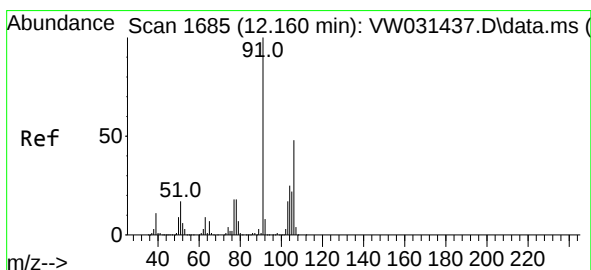
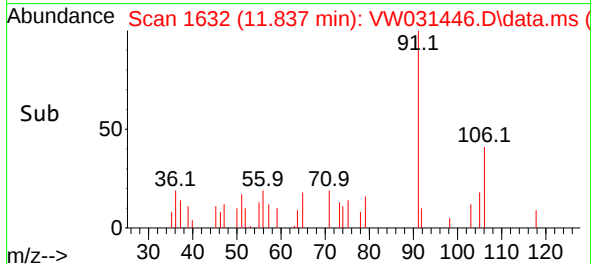
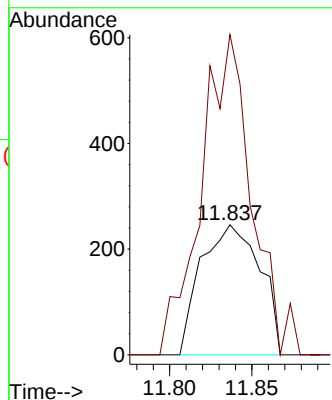
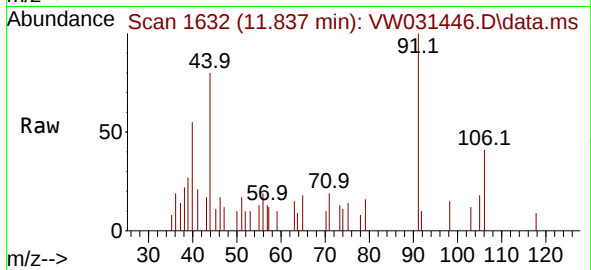
ClientSampleId :

Tgt Ion:106 Resp: 613

Ion Ratio Lower Upper

106 100

91 246.3 139.9 259.7



#54

o-Xylene

Concen: 4.366 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031446.D

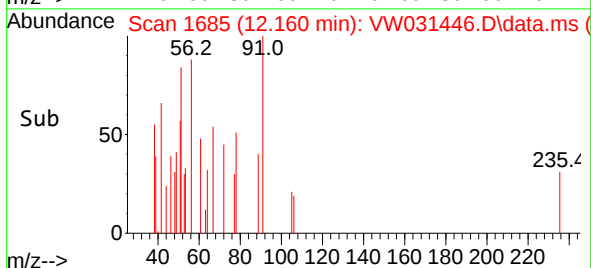
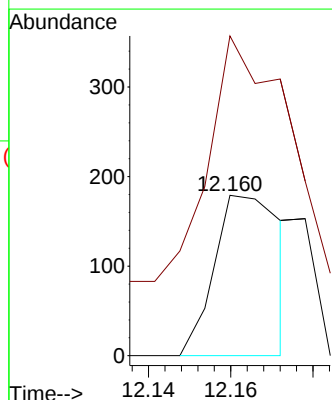
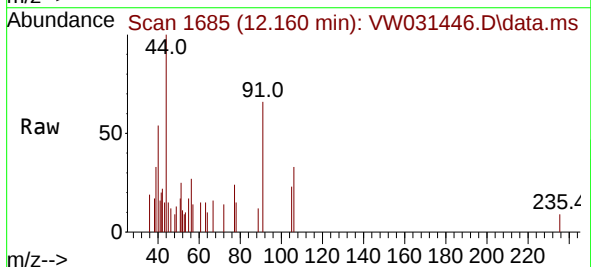
Acq: 20 Dec 2024 23:27

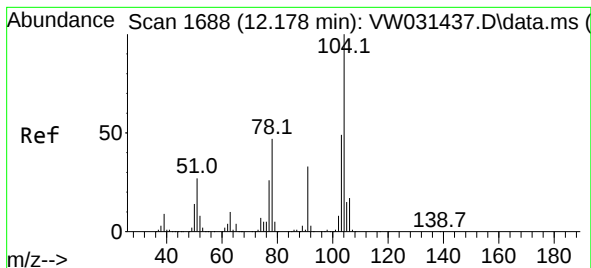
Tgt Ion:106 Resp: 204

Ion Ratio Lower Upper

106 100

91 199.4 153.1 284.3





#55

Styrene

Concen: 3.024 ug/L

RT: 12.172 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

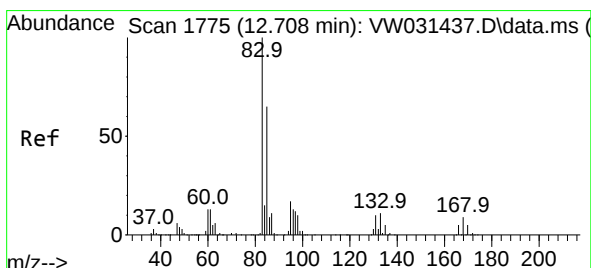
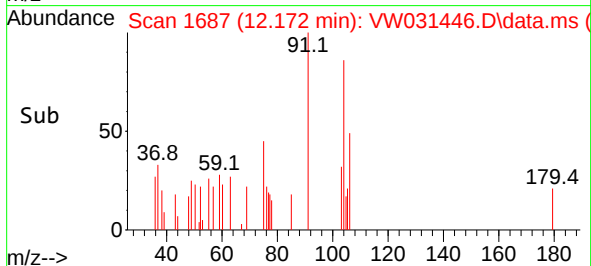
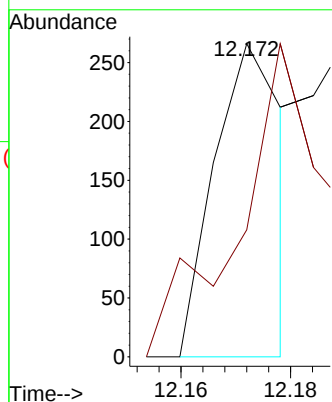
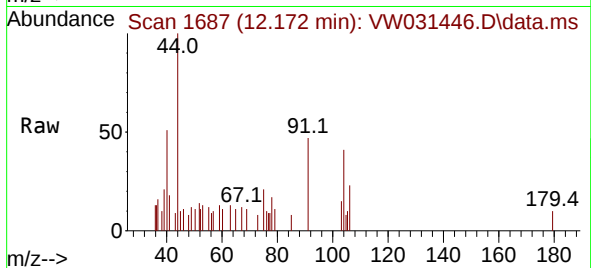
ClientSampleId :

Tgt Ion:104 Resp: 235

Ion Ratio Lower Upper

104 100

78 40.6 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 91.548 ug/L

RT: 12.696 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

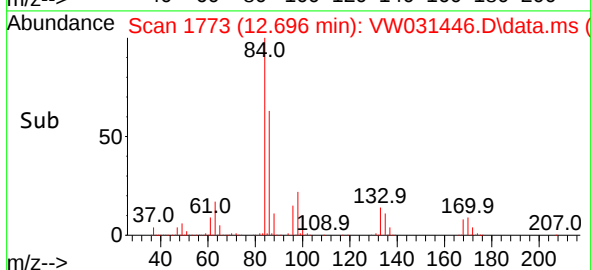
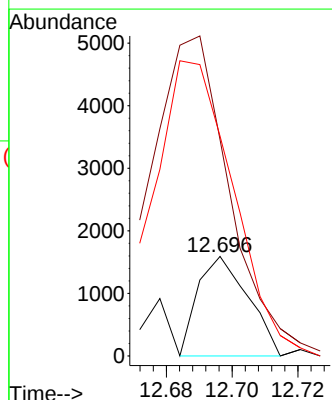
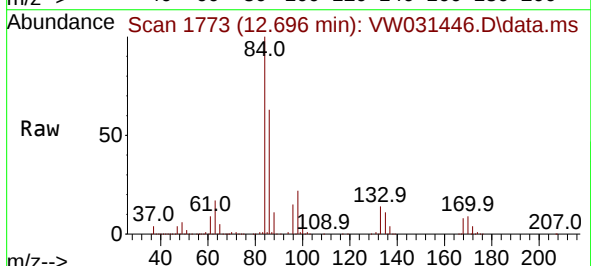
Tgt Ion: 83 Resp: 1690

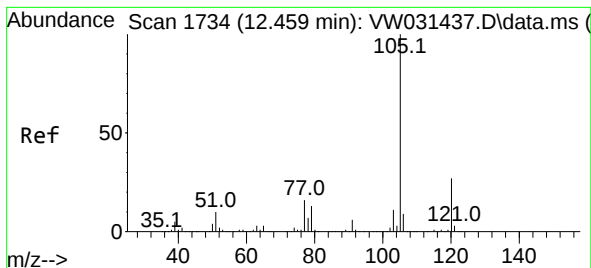
Ion Ratio Lower Upper

83 100

85 217.3 44.1 81.9#

131 220.9 7.9 11.9#





#60

Isopropylbenzene

Concen: 0.456 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031446.D

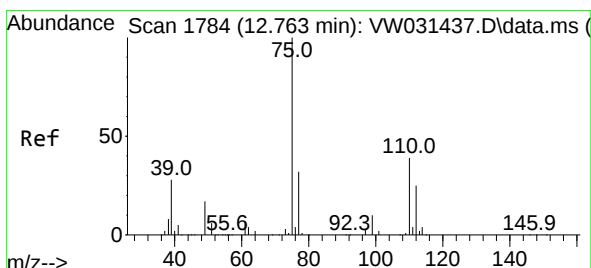
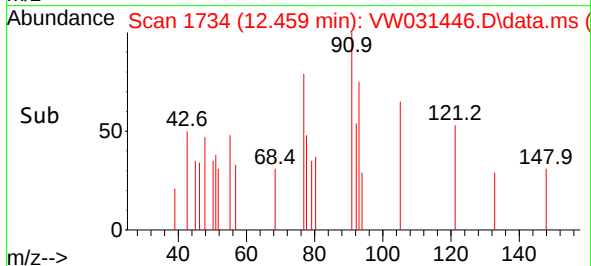
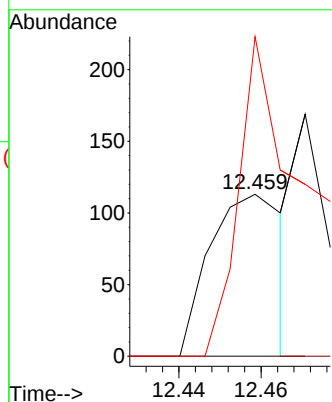
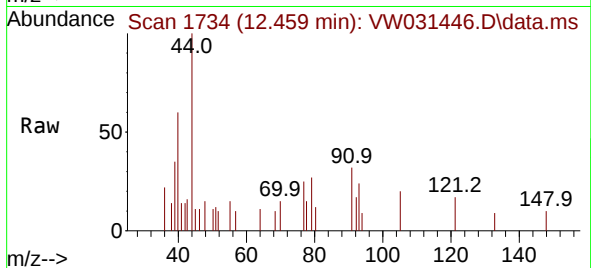
Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	142
Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.6	31.0#
77	137.3	12.8	19.2#



#61

1,2,3-Trichloropropane

Concen: 2.333 ug/L

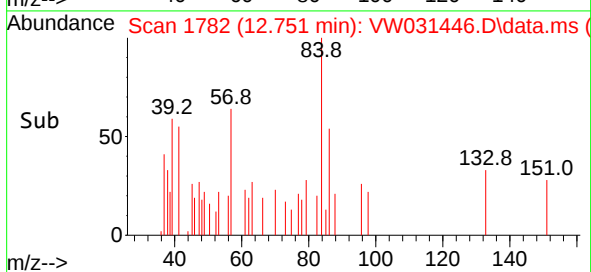
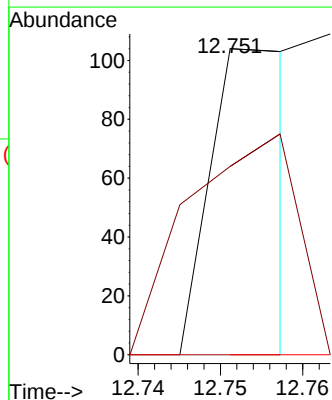
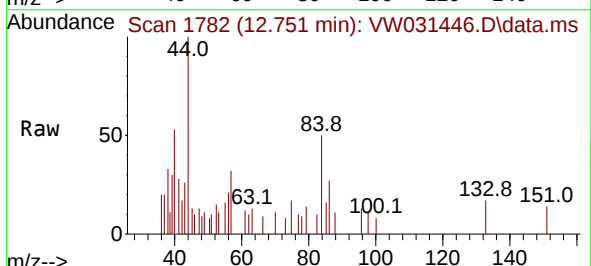
RT: 12.751 min Scan# 1782

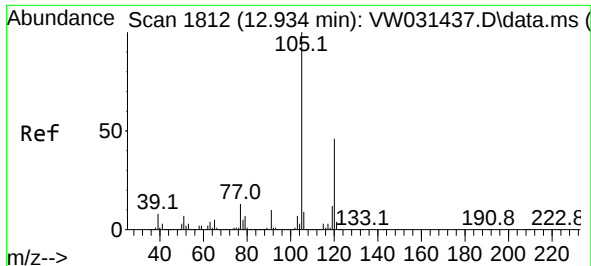
Delta R.T. -0.012 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Tgt Ion:	75	Resp:	76
Ion	Ratio	Lower	Upper
75	100		
77	90.8	25.3	37.9#
110	0.0	31.2	46.8#





#62

1,3,5-Trimethylbenzene

Concen: 1.230 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. 0.000 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

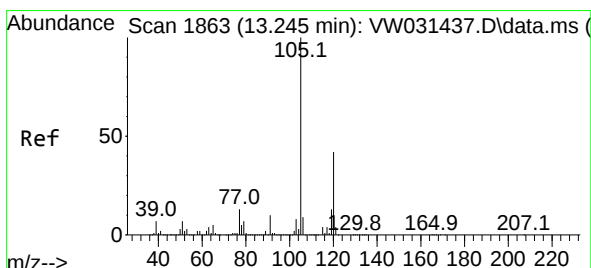
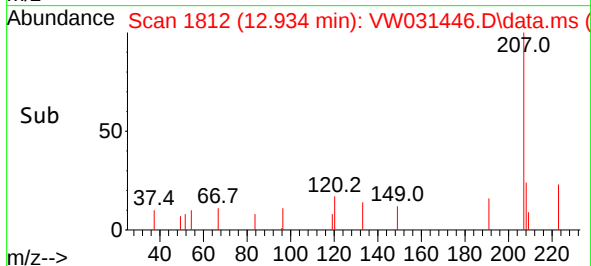
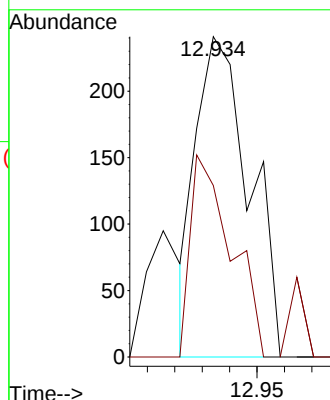
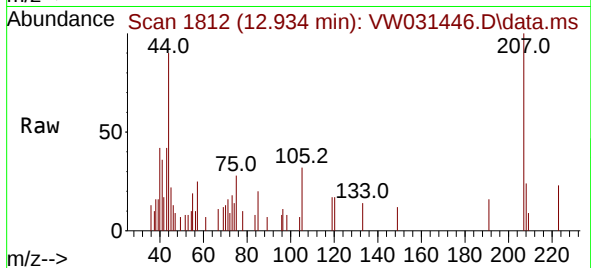
ClientSampleId :

Tgt Ion:105 Resp: 325

Ion Ratio Lower Upper

105 100

120 48.6 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 1.273 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.311 min

Lab File: VW031446.D

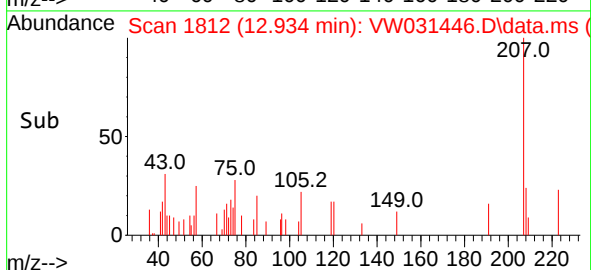
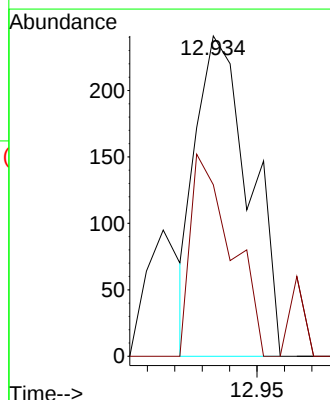
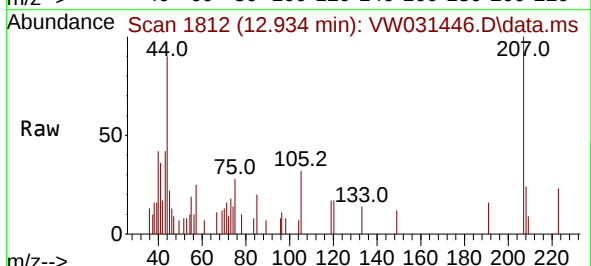
Acq: 20 Dec 2024 23:27

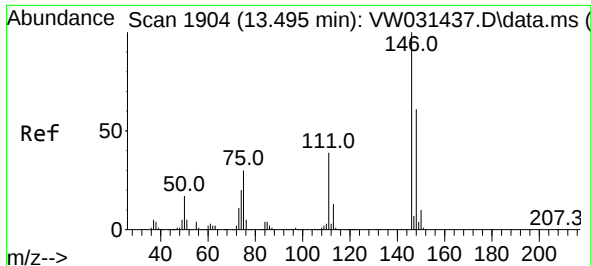
Tgt Ion:105 Resp: 325

Ion Ratio Lower Upper

105 100

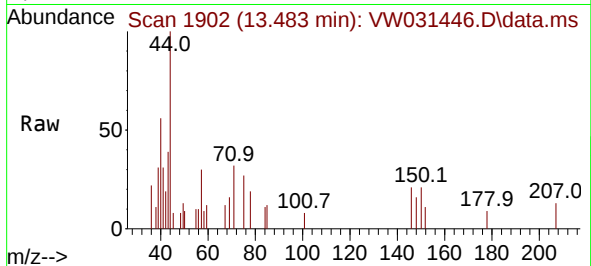
120 48.6 35.0 52.4



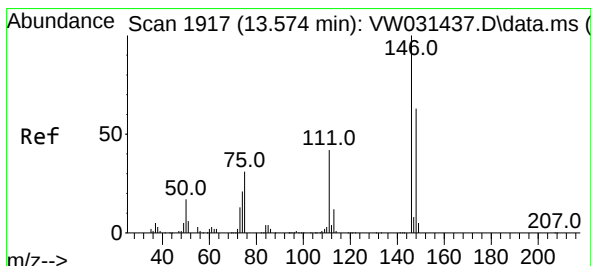
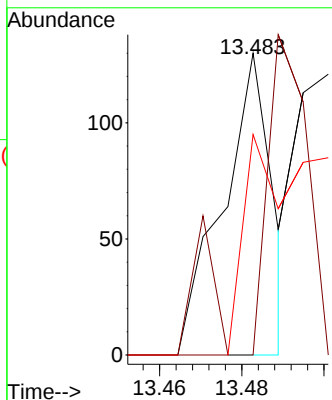
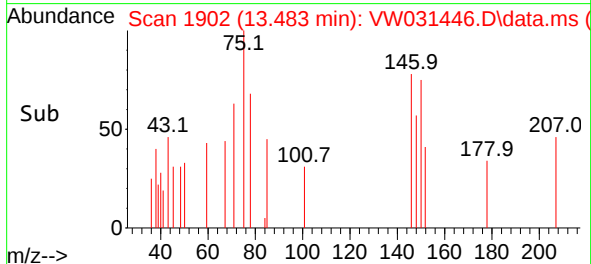


#64
1,3-Dichlorobenzene
Concen: 0.863 ug/L
RT: 13.483 min Scan# 1902
Delta R.T. -0.012 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Instrument :
MSVOA_W
ClientSampleId :

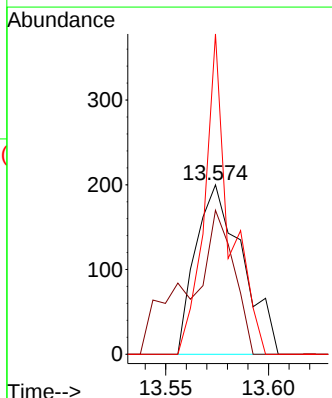
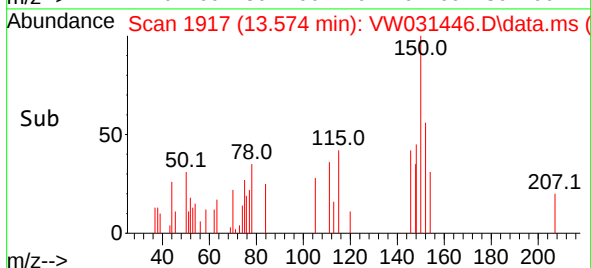
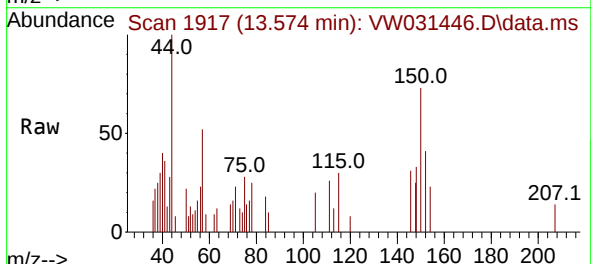


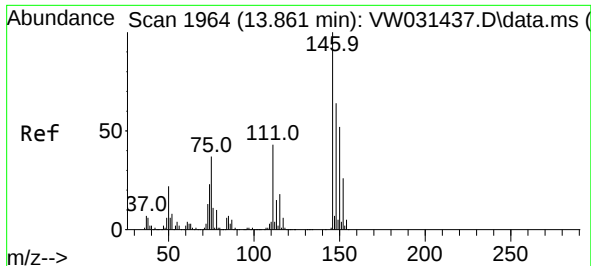
Tgt Ion:146 Resp: 109
Ion Ratio Lower Upper
146 100
111 0.0 27.6 51.2#
148 73.1 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 2.518 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031446.D
Acq: 20 Dec 2024 23:27

Tgt Ion:146 Resp: 315
Ion Ratio Lower Upper
146 100
111 85.0 30.7 56.9#
148 189.0 46.5 86.3#





#67

1,2-Dichlorobenzene

Concen: 1.434 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

ClientSampleId :

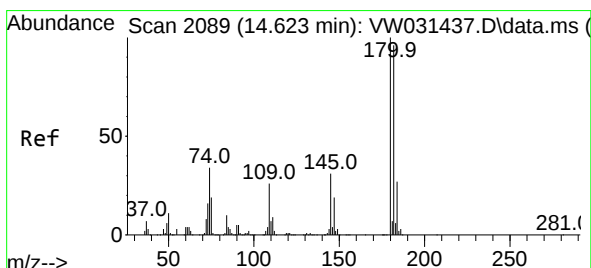
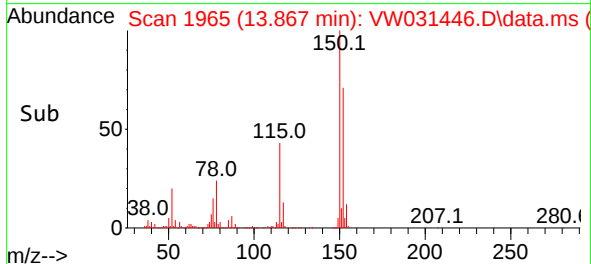
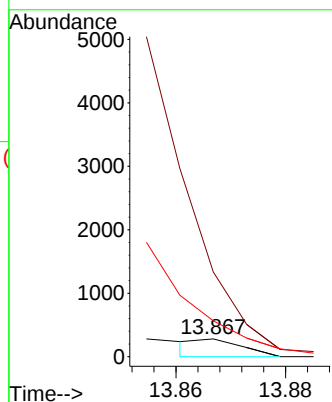
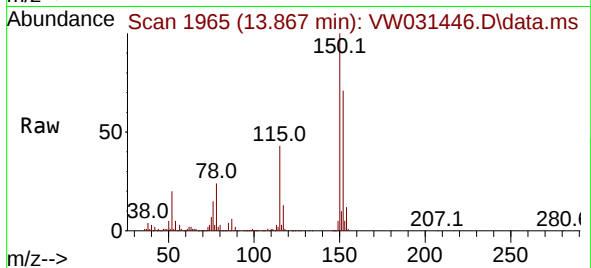
Tgt Ion:146 Resp: 156

Ion Ratio Lower Upper

146 100

111 475.1 38.6 58.0#

148 200.7 53.6 80.4#



#69

1,3,5-Trichlorobenzene

Concen: 0.860 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.006 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

Tgt Ion:180 Resp: 76

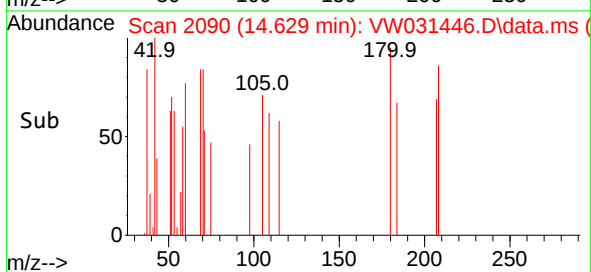
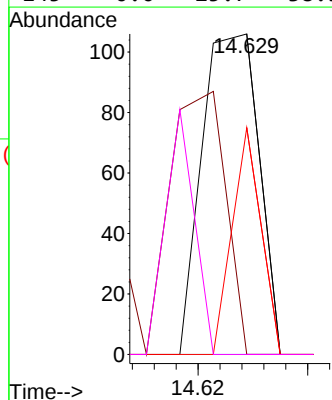
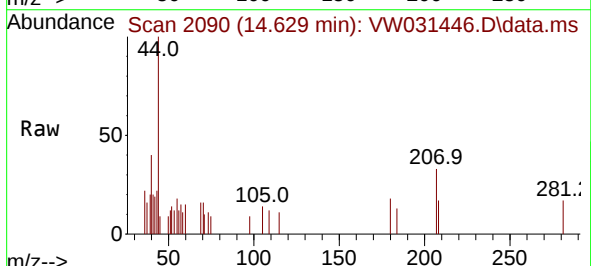
Ion Ratio Lower Upper

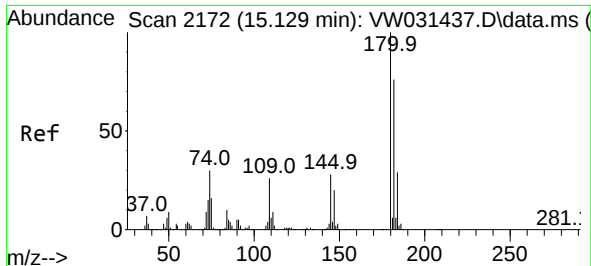
180 100

182 80.3 75.0 112.4

184 0.0 24.6 36.8#

145 0.0 25.7 38.5#





#70

1,2,4-trichlorobenzene

Concen: 2.543 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031446.D

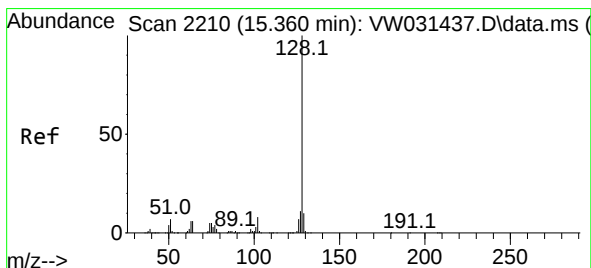
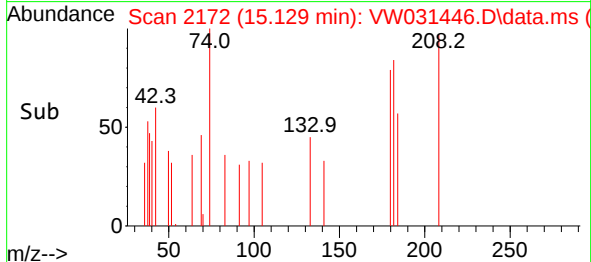
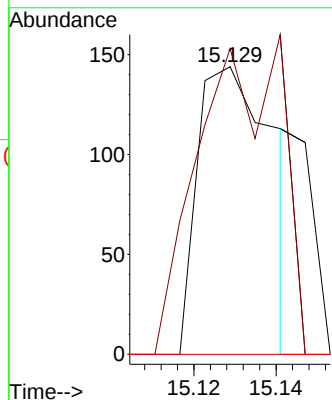
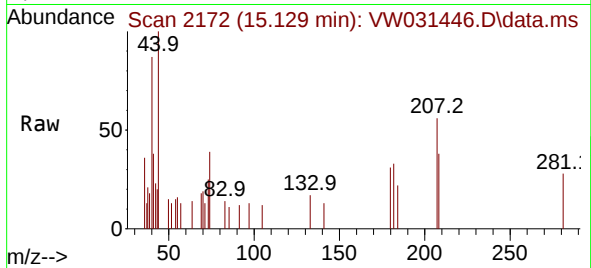
Acq: 20 Dec 2024 23:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180	Resp:	187
Ion Ratio	Lower	Upper
180	100	
182	86.6	78.2 117.2
145	0.0	26.7 40.1#



#71

Naphthalene

Concen: 6.902 ug/L

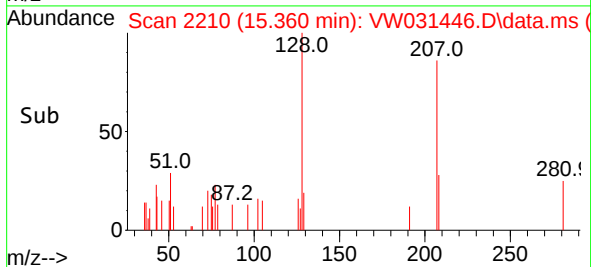
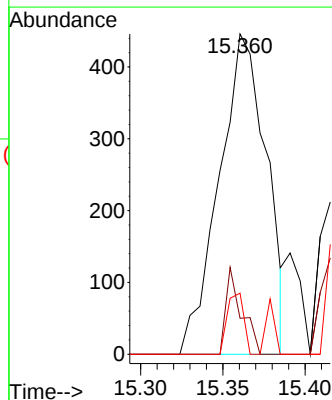
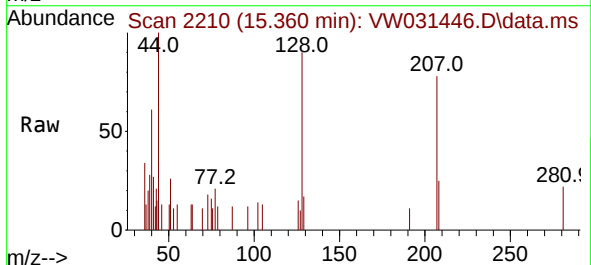
RT: 15.360 min Scan# 2210

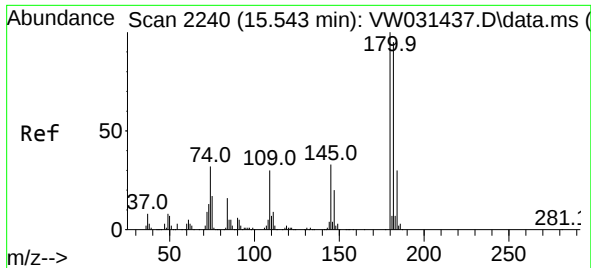
Delta R.T. 0.000 min

Lab File: VW031446.D

Acq: 20 Dec 2024 23:27

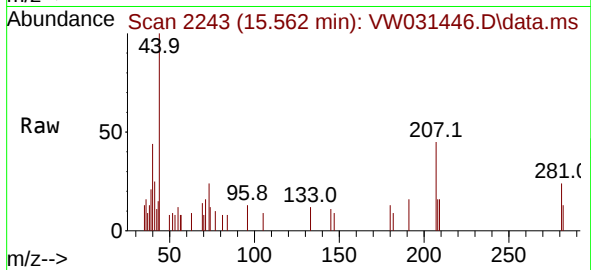
Tgt Ion:128	Resp:	890
Ion Ratio	Lower	Upper
128	100	
127	9.1	10.7 16.1#
129	6.7	8.6 13.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.029 ug/L
 RT: 15.562 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VW031446.D
 Acq: 20 Dec 2024 23:27

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 61
 Ion Ratio Lower Upper
 180 100
 182 203.3 75.0 112.4#
 145 77.0 27.8 41.6#

