

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.831	114	384156	25.000	ug/L	#-0.01
28) Chlorobenzene-d5	11.629	117	211130	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	43386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.344	65	89383	15.119	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.480%
7) Chloroethane-d5	2.832	69	33939	7.400	ug/L	-0.06
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.600%#
11) 1,1-Dichloroethene-d2	4.027	65	316	0.117	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.480%#
21) 2-Butanone-d5	7.124	46	464	0.449	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.900%#
24) Chloroform-d	7.630	84	100929	8.970	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	35.880%#
26) 1,2-Dichloroethane-d4	8.289	65	105804	19.110	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.440%
32) Benzene-d6	8.234	84	362878	27.964	ug/L	-0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.840%
36) 1,2-Dichloropropane-d6	9.264	67	131459	34.584	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.320%#
41) Toluene-d8	10.313	98	262996	22.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	10.575	79	34937	22.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.320%
47) 2-Hexanone-d5	10.947	63	18619	41.809	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.620%
56) 1,1,2,2-Tetrachloroeth...	12.696	84	38793	15.122	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.480%
66) 1,2-Dichlorobenzene-d4	13.849	152	27343	17.743	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	83012	17.112	ug/L	98
3) Chloromethane	2.204	50	121969	21.318	ug/L	99
5) Vinyl chloride	2.357	62	97919	14.247	ug/L	99
6) Bromomethane	2.753	94	35968	8.230	ug/L	100
15) Methyl Acetate	4.667	43	43619	22.332	ug/L #	80
19) 1,1-Dichloroethane	6.124	63	26643	2.498	ug/L	94
20) cis-1,2-Dichloroethene	7.124	96	41573	6.825	ug/L	83
23) Bromochloromethane	7.533	128	2421	0.936	ug/L	82
25) Chloroform	7.667	83	100892	9.094	ug/L	90
27) 1,2-Dichloroethane	8.386	62	101571	14.863	ug/L	98
29) Cyclohexane	7.880	56	75927	14.287	ug/L	86
30) 1,1,1-Trichloroethane	7.825	97	90873	15.979	ug/L #	93
31) Carbon tetrachloride	8.020	117	78728	15.150	ug/L	95
33) Benzene	8.289	78	358372	25.101	ug/L	100
34) Trichloroethene	9.069	95	76866	19.518	ug/L	90
35) Methylcyclohexane	9.301	83	110543	17.639	ug/L #	89
37) 1,2-Dichloropropane	9.355	63	86587	24.380	ug/L #	90
38) Bromodichloromethane	9.642	83	83964	18.061	ug/L #	89
39) cis-1,3-Dichloropropene	10.069	75	95516	17.812	ug/L	97

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

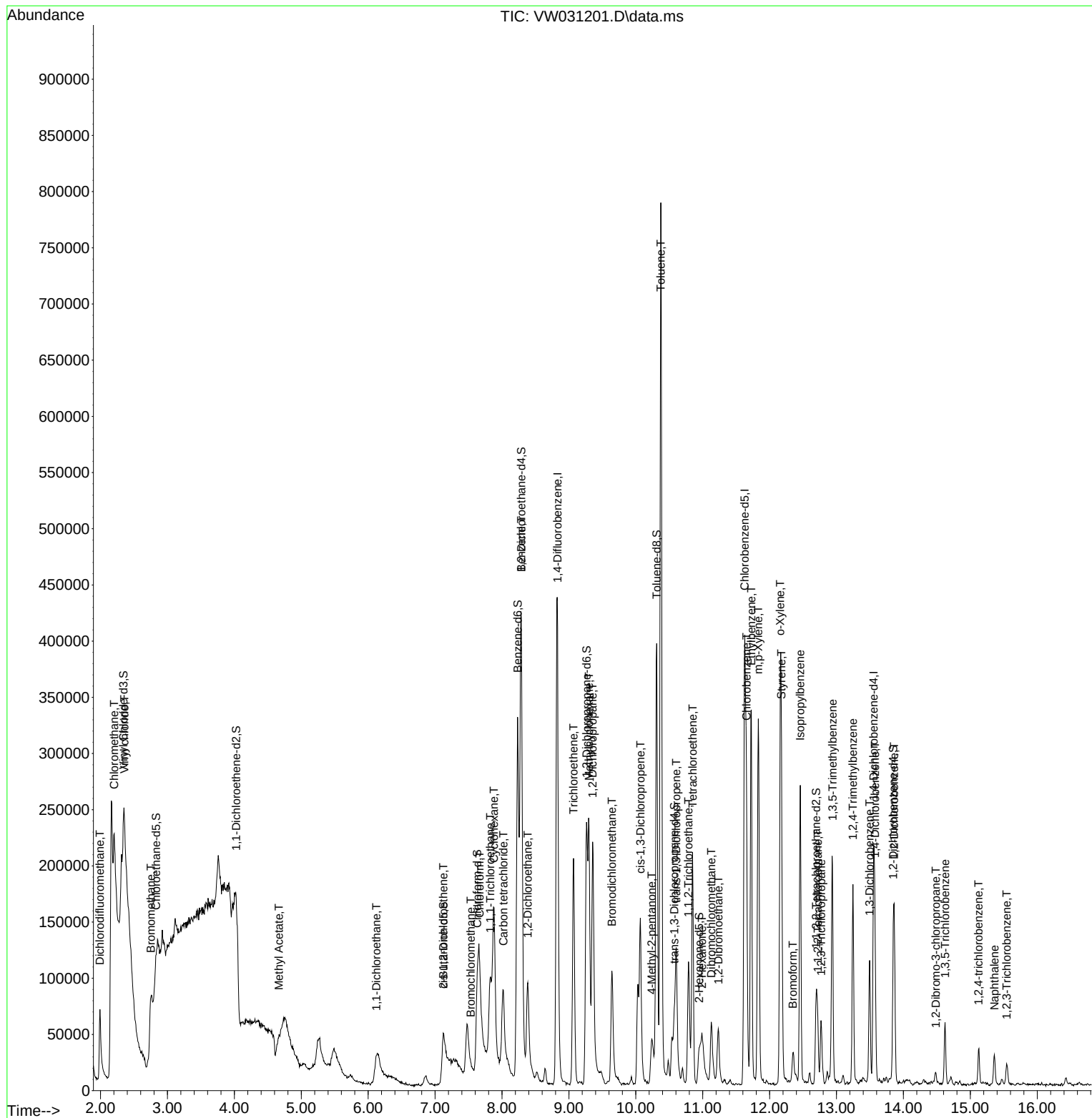
40) 4-Methyl-2-pentanone	10.239	43	51068	32.110	ug/L #	80
42) Toluene	10.374	91	588830	39.151	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	68430	15.522	ug/L	91
45) 1,1,2-Trichloroethane	10.788	97	42313	17.335	ug/L	89
46) Tetrachloroethene	10.849	164	40728	13.950	ug/L	90
48) 2-Hexanone	10.989	43	18036	12.535	ug/L #	55
49) Dibromochloromethane	11.129	129	34154	12.702	ug/L	85
50) 1,2-Dibromoethane	11.233	107	36026	15.794	ug/L #	86
51) Chlorobenzene	11.654	112	125442	13.066	ug/L	91
52) Ethylbenzene	11.727	91	235991	13.847	ug/L	94
53) m,p-Xylene	11.831	106	95706	15.088	ug/L	90
54) o-Xylene	12.160	106	75995	12.878	ug/L	86
55) Styrene	12.178	104	111009	11.175	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.721	83	28186	10.660	ug/L #	96
59) Bromoform	12.349	173	8513	13.428	ug/L #	92
60) Isopropylbenzene	12.459	105	150161	21.440	ug/L #	94
61) 1,2,3-Trichloropropane	12.769	75	26338	32.489	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	92175	16.713	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	91066	16.809	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	39825	13.039	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	43791	14.194	ug/L #	75
67) 1,2-Dichlorobenzene	13.861	146	36905	13.813	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	3146	17.872	ug/L #	56
69) 1,3,5-Trichlorobenzene	14.623	180	14506	6.990	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	8509	5.229	ug/L	94
71) Naphthalene	15.360	128	20394	7.779	ug/L	94
72) 1,2,3-Trichlorobenzene	15.543	180	5299	3.804	ug/L #	83

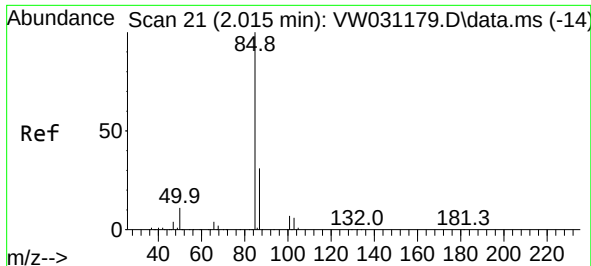
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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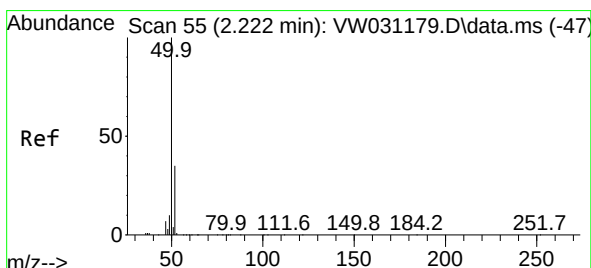
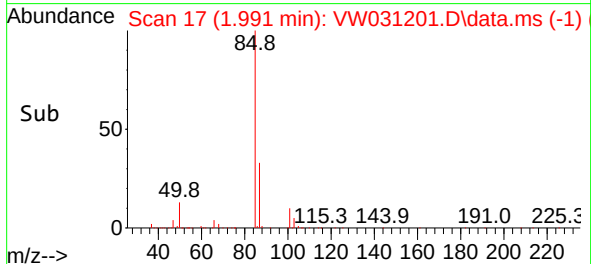
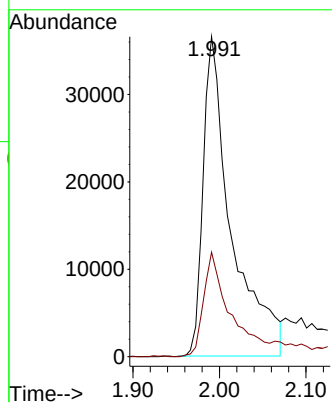
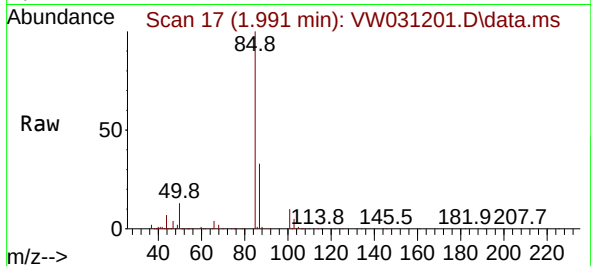




#2
 Dichlorodifluoromethane
 Concen: 17.112 ug/L
 RT: 1.991 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

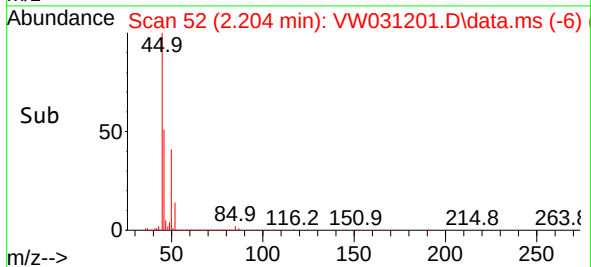
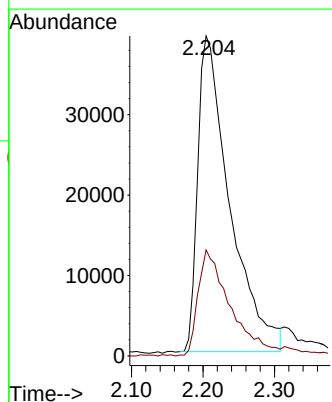
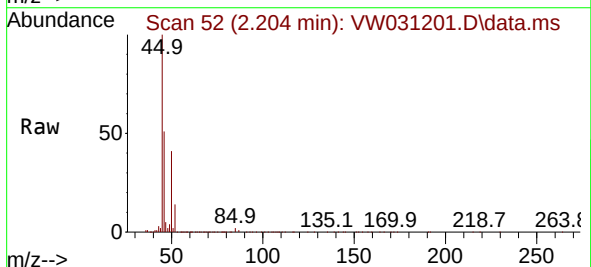
Instrument :
 MSVOA_W
 ClientSampleId :

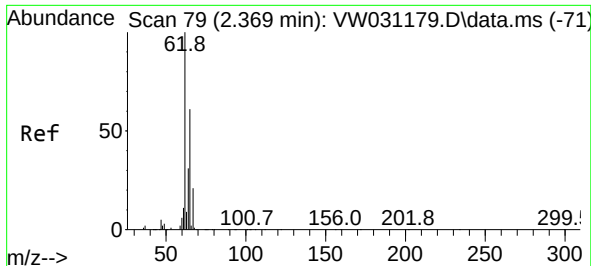
Tgt Ion: 85 Resp: 83012
 Ion Ratio Lower Upper
 85 100
 87 30.9 23.8 35.6



#3
 Chloromethane
 Concen: 21.318 ug/L
 RT: 2.204 min Scan# 52
 Delta R.T. -0.018 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

Tgt Ion: 50 Resp: 121969
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.6

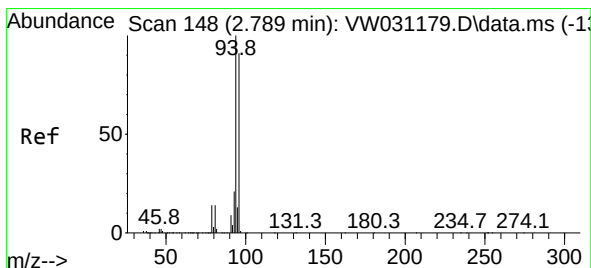
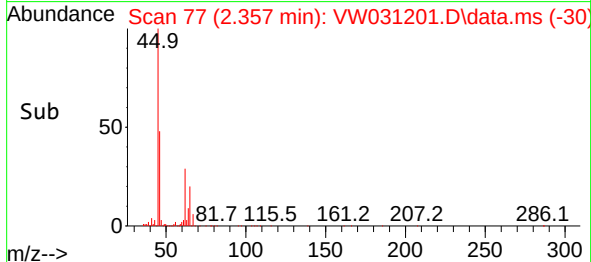
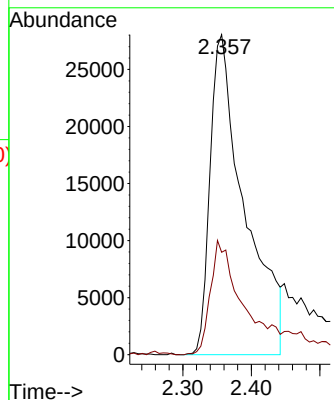
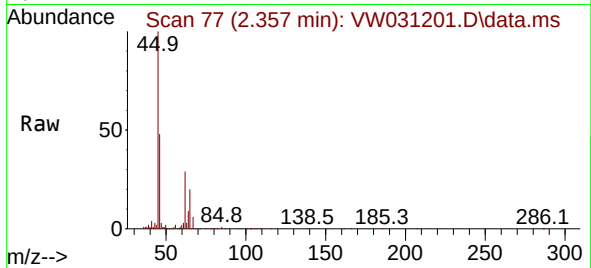




#5
 Vinyl chloride
 Concen: 14.247 ug/L
 RT: 2.357 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

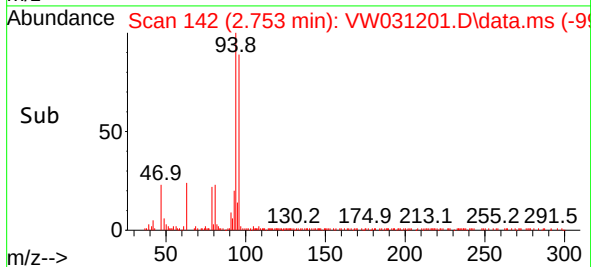
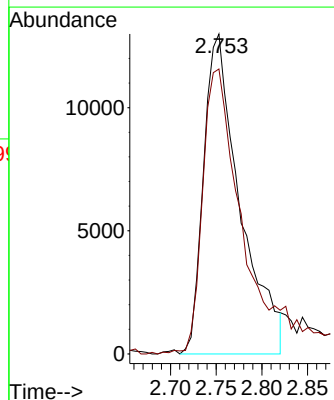
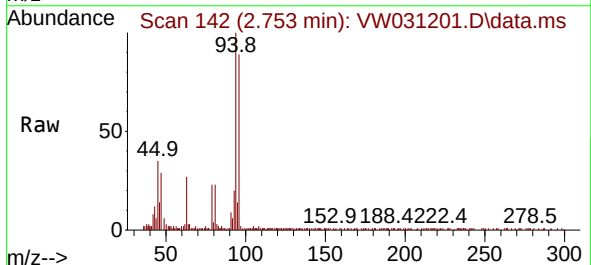
Instrument :
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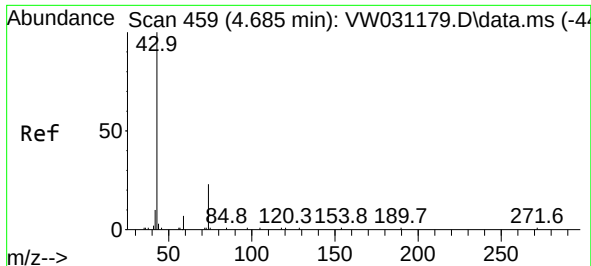
Tgt Ion: 62 Resp: 97919
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.7 42.1



#6
 Bromomethane
 Concen: 8.230 ug/L
 RT: 2.753 min Scan# 142
 Delta R.T. -0.036 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

Tgt Ion: 94 Resp: 35968
 Ion Ratio Lower Upper
 94 100
 96 89.1 62.6 116.3

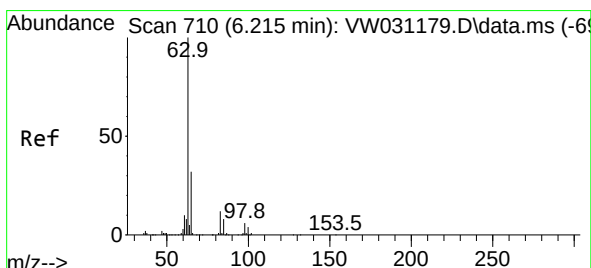
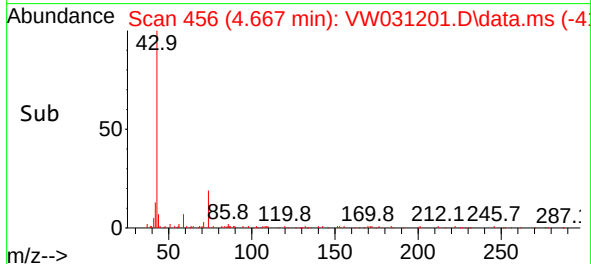
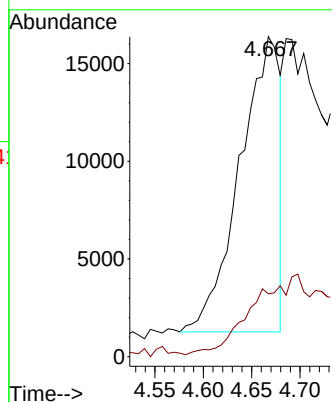
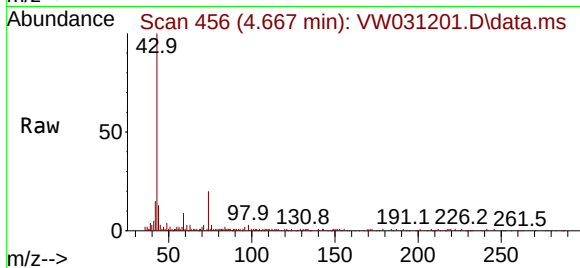




#15
Methyl Acetate
Concen: 22.332 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.018 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

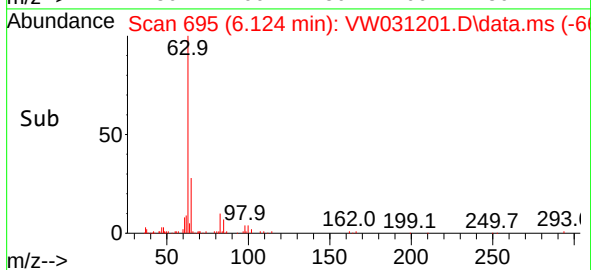
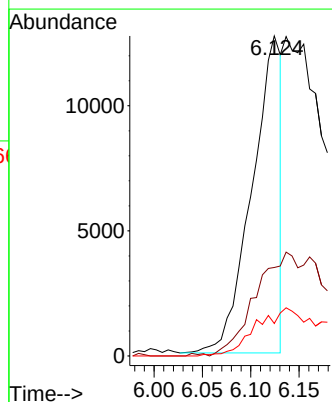
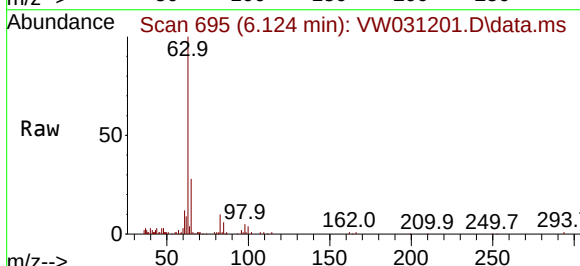
Instrument :
MSVOA_W
ClientSampleId :

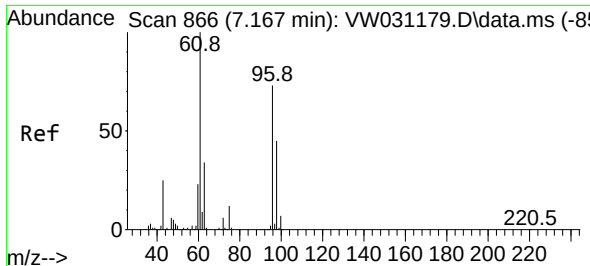
Tgt Ion: 43 Resp: 43619
Ion Ratio Lower Upper
43 100
74 15.9 20.8 31.2#



#19
1,1-Dichloroethane
Concen: 2.498 ug/L
RT: 6.124 min Scan# 695
Delta R.T. -0.091 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

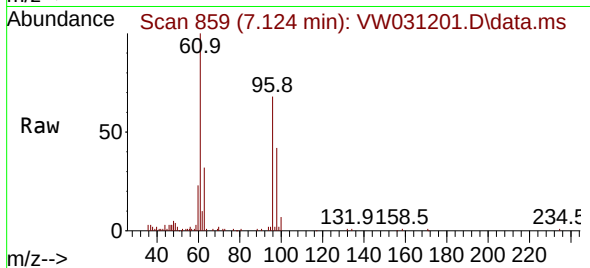
Tgt Ion: 63 Resp: 26643
Ion Ratio Lower Upper
63 100
65 27.7 21.7 40.3
83 10.1 8.9 16.5





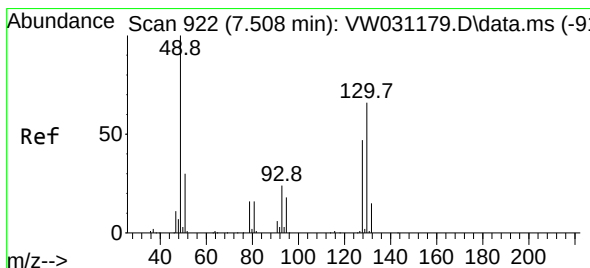
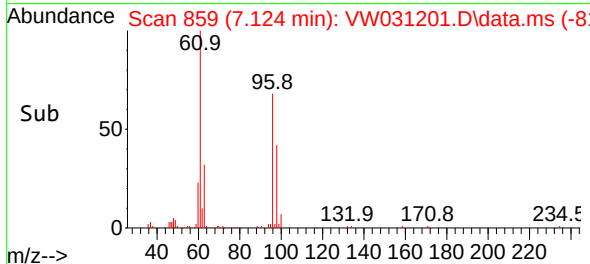
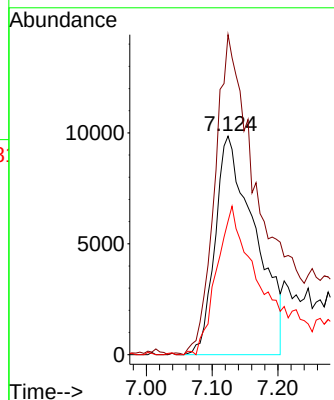
#20
cis-1,2-Dichloroethene
Concen: 6.825 ug/L
RT: 7.124 min Scan# 81
Delta R.T. -0.042 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 41573

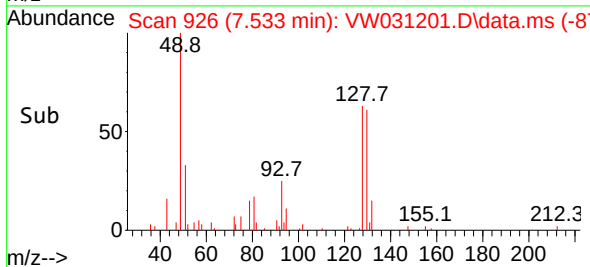
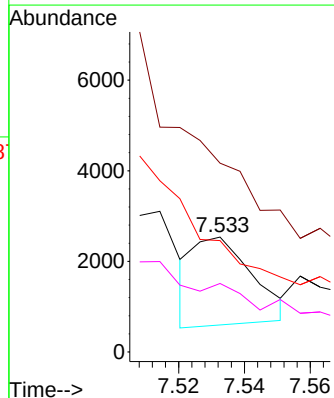
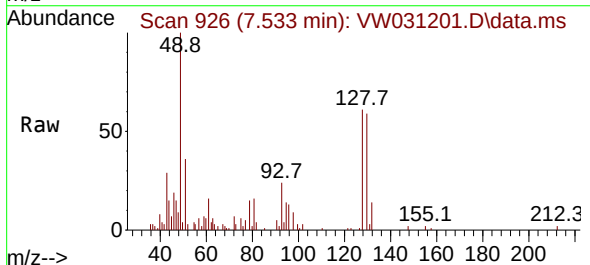
Ion	Ratio	Lower	Upper
96	100		
61	146.5	83.7	155.5
98	61.1	43.9	81.5

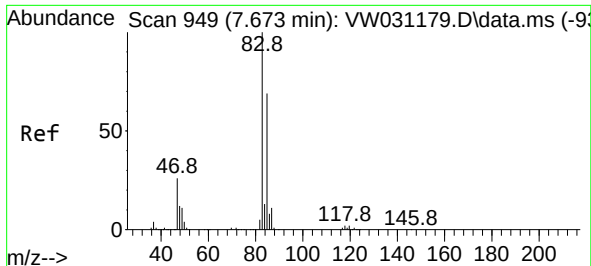


#23
Bromochloromethane
Concen: 0.936 ug/L
RT: 7.533 min Scan# 926
Delta R.T. 0.025 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion: 128 Resp: 2421

Ion	Ratio	Lower	Upper
128	100		
49	170.6	110.9	206.1
130	97.0	93.7	173.9
51	59.6	40.6	60.8

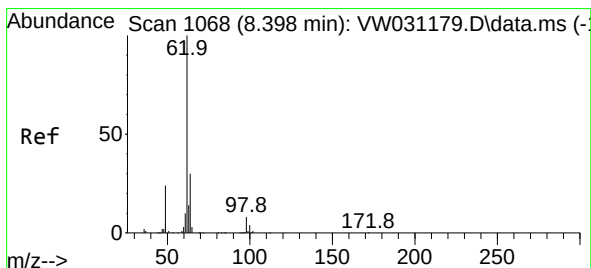
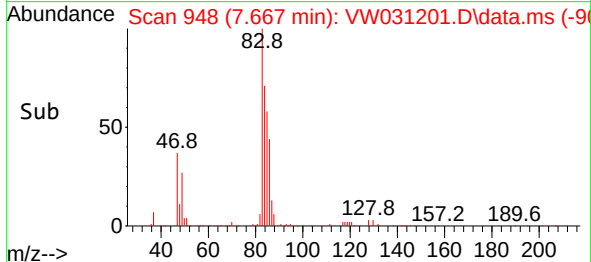
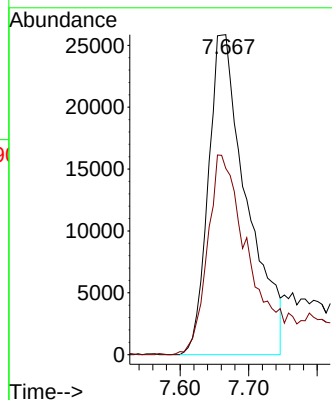
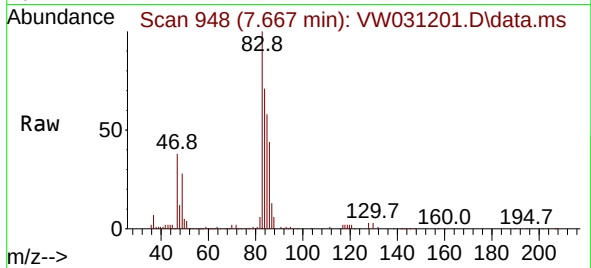




#25
Chloroform
Concen: 9.094 ug/L
RT: 7.667 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

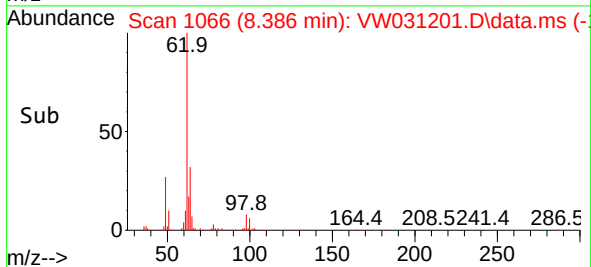
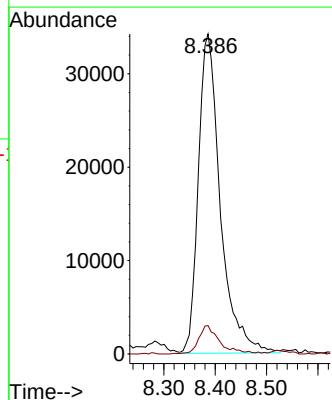
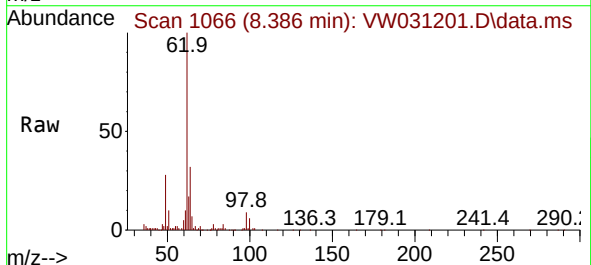
Instrument :
MSVOA_W
ClientSampleId :

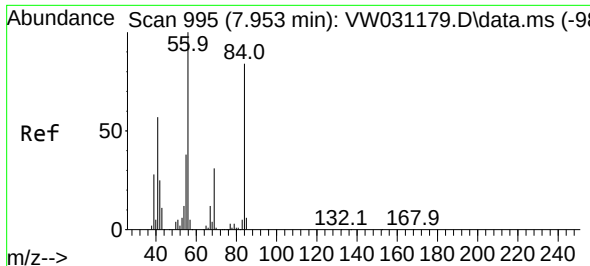
Tgt Ion: 83 Resp: 100892
Ion Ratio Lower Upper
83 100
85 58.2 46.5 86.3



#27
1,2-Dichloroethane
Concen: 14.863 ug/L
RT: 8.386 min Scan# 1066
Delta R.T. -0.012 min
Lab File: VW031201.D
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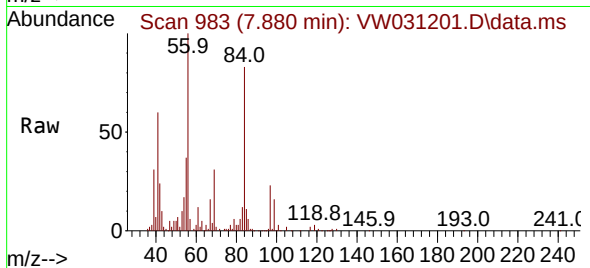
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Ion Ratio Lower Upper
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98 8.9 7.7 11.5





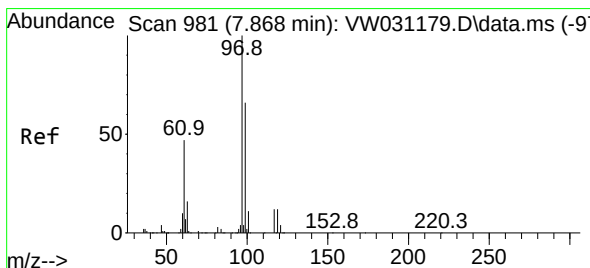
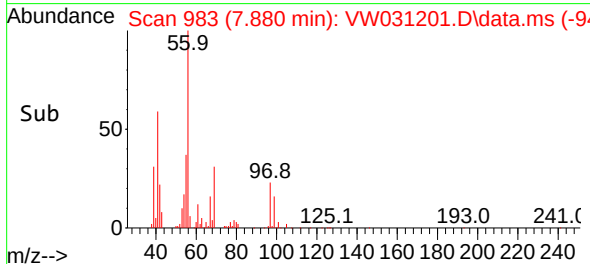
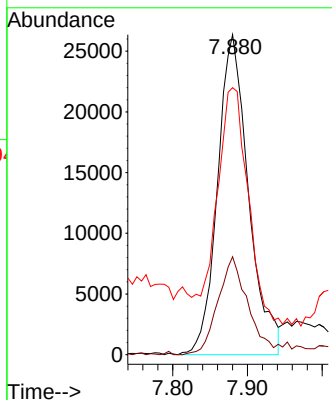
#29
Cyclohexane
Concen: 14.287 ug/L
RT: 7.880 min Scan# 91
Delta R.T. -0.073 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 75927

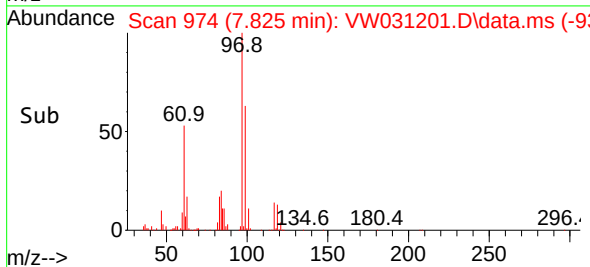
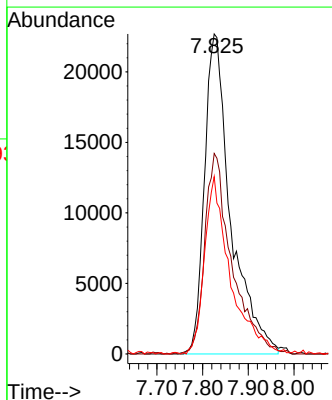
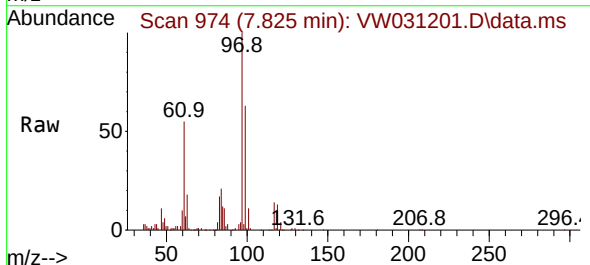
Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.4	38.2
84	72.4	71.1	106.7

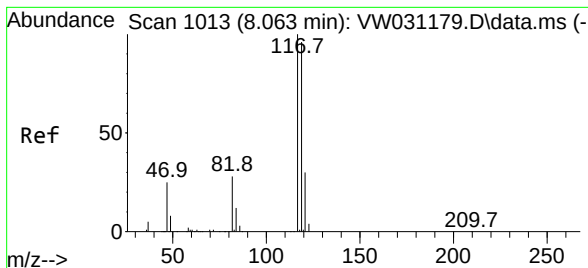


#30
1,1,1-Trichloroethane
Concen: 15.979 ug/L
RT: 7.825 min Scan# 974
Delta R.T. -0.042 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion: 97 Resp: 90873

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	52.0	33.8	50.6

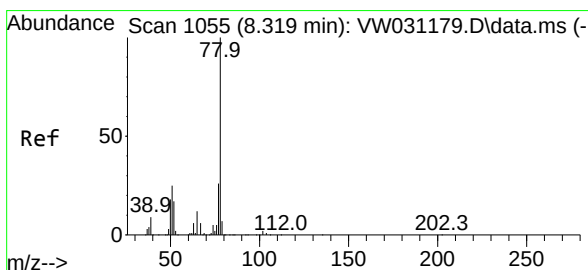
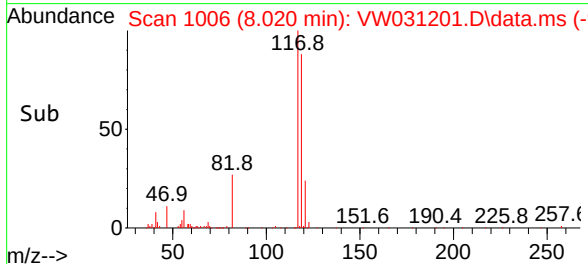
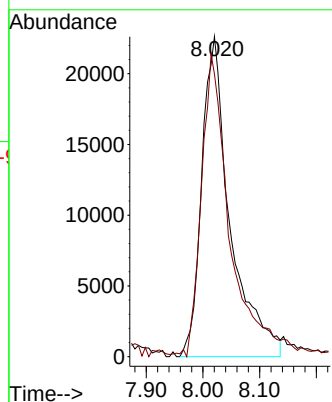
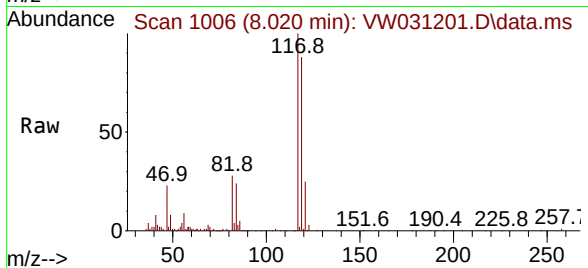




#31
Carbon tetrachloride
Concen: 15.150 ug/L
RT: 8.020 min Scan# 1006
Delta R.T. -0.042 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

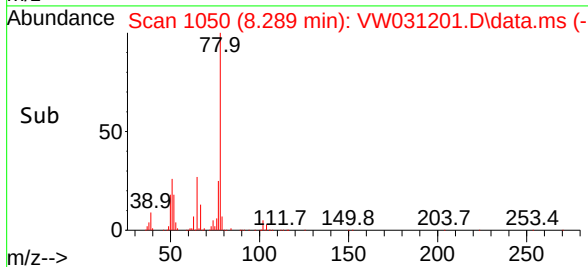
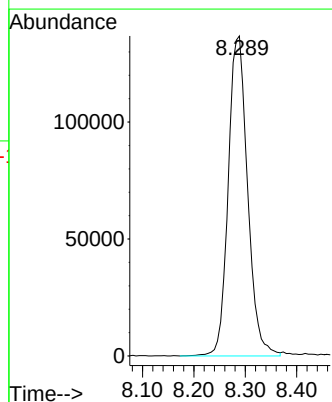
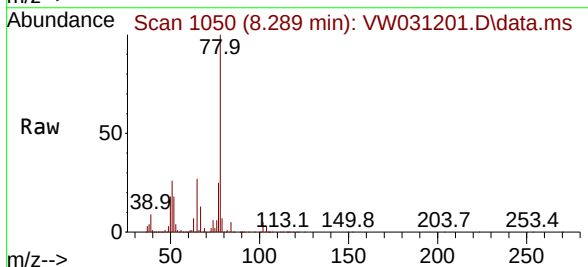
Instrument :
MSVOA_W
ClientSampleId :

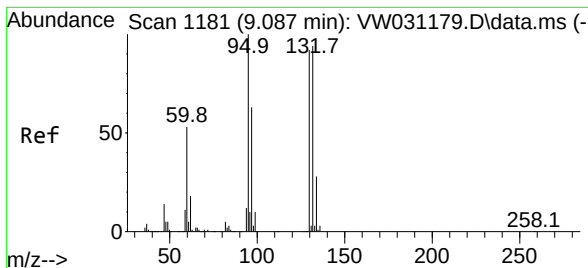
Tgt Ion:117 Resp: 78728
Ion Ratio Lower Upper
117 100
119 90.0 75.8 113.8



#33
Benzene
Concen: 25.101 ug/L
RT: 8.289 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion: 78 Resp: 358372





#34

Trichloroethene

Concen: 19.518 ug/L

RT: 9.069 min Scan# 1181

Delta R.T. -0.018 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 76866

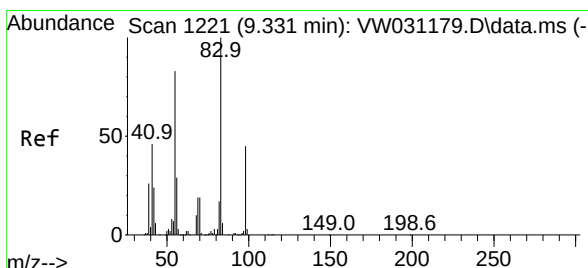
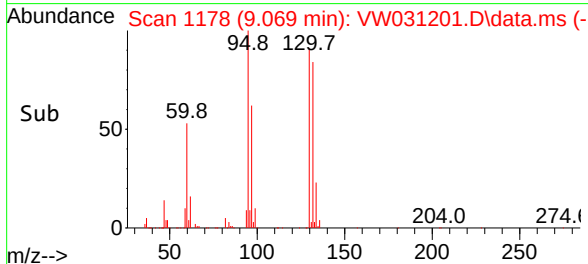
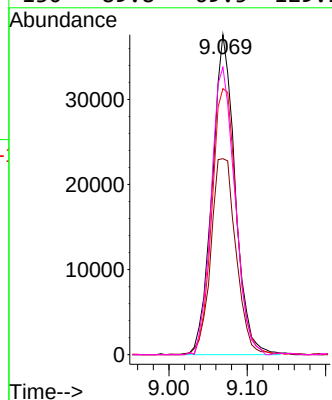
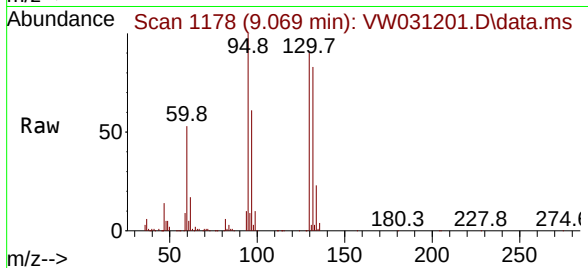
Ion Ratio Lower Upper

95 100

97 61.2 48.0 89.2

132 86.4 67.4 125.2

130 89.8 69.5 129.1



#35

Methylcyclohexane

Concen: 17.639 ug/L

RT: 9.301 min Scan# 1216

Delta R.T. -0.030 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

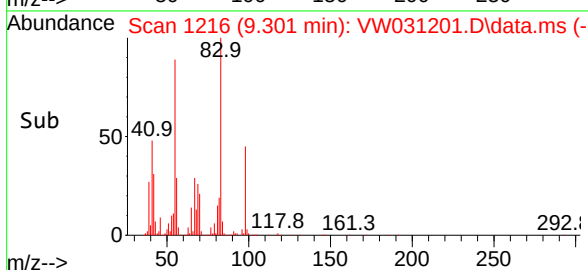
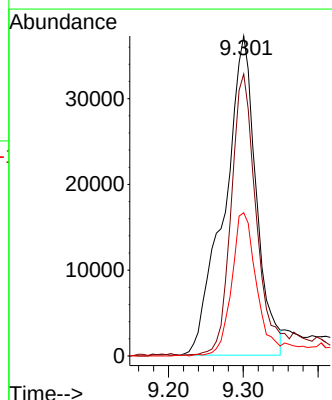
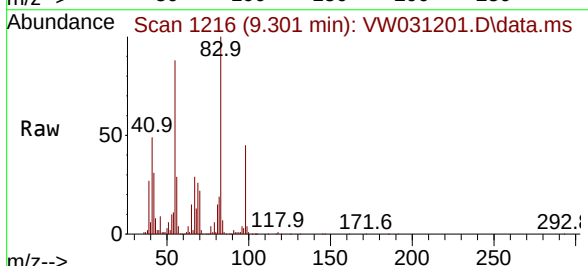
Tgt Ion: 83 Resp: 110543

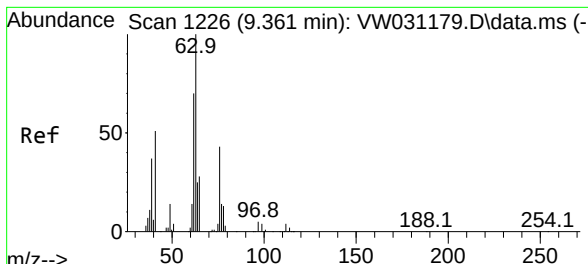
Ion Ratio Lower Upper

83 100

55 70.0 59.5 89.3

98 34.3 38.7 58.1#

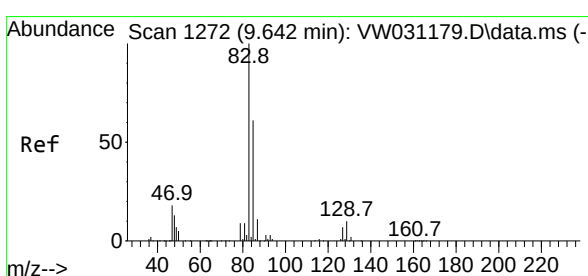
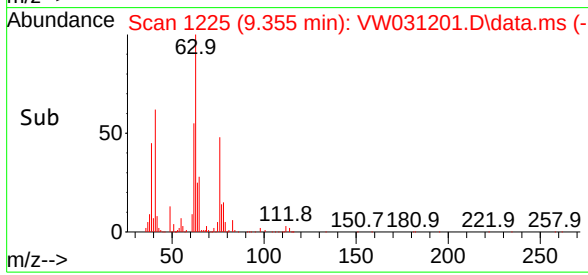
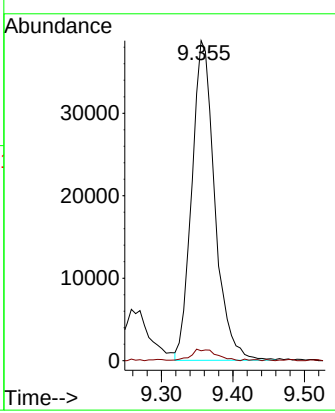
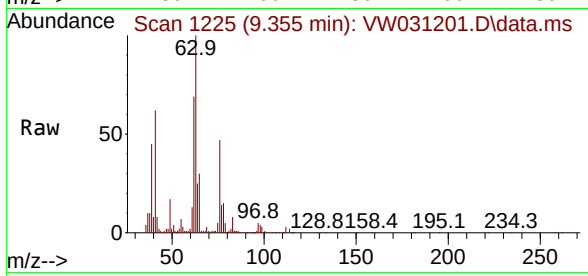




#37
 1,2-Dichloropropane
 Concen: 24.380 ug/L
 RT: 9.355 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

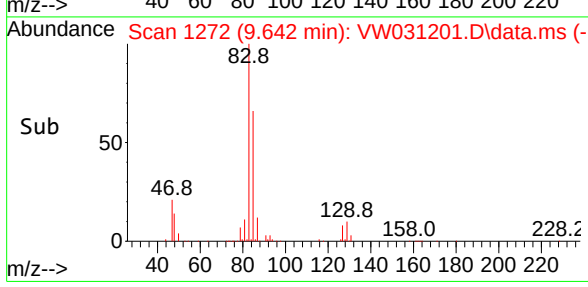
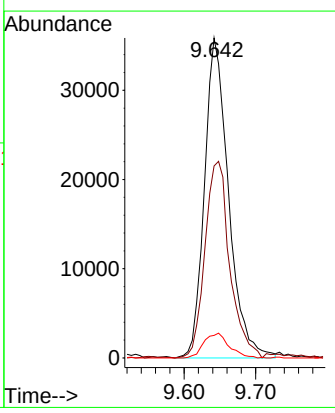
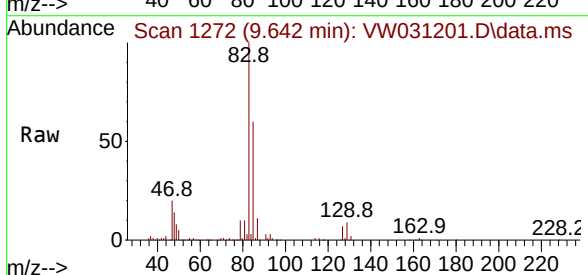
Instrument :
 MSVOA_W
 ClientSampleId :

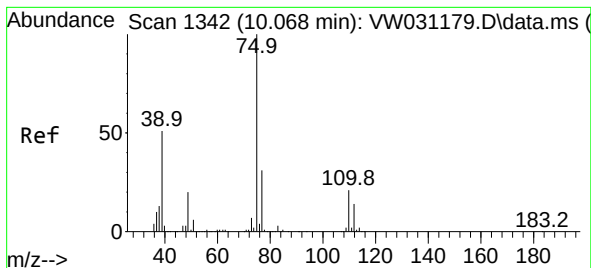
Tgt Ion: 63 Resp: 86587
 Ion Ratio Lower Upper
 63 100
 112 1.6 3.9 5.9#



#38
 Bromodichloromethane
 Concen: 18.061 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW031201.D
 Acq: 10 Dec 2024 19:06

Tgt Ion: 83 Resp: 83964
 Ion Ratio Lower Upper
 83 100
 85 60.0 48.7 90.5
 127 7.1 7.2 10.8#

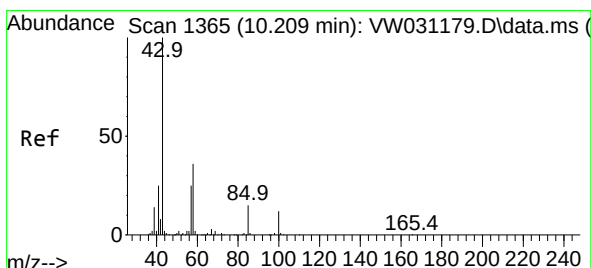
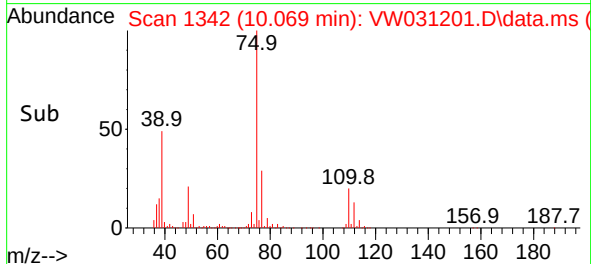
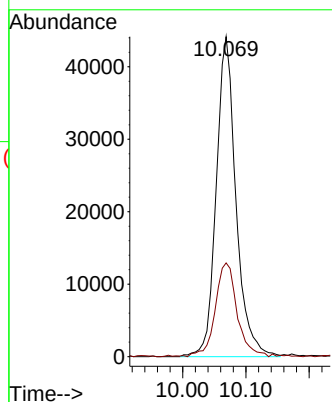
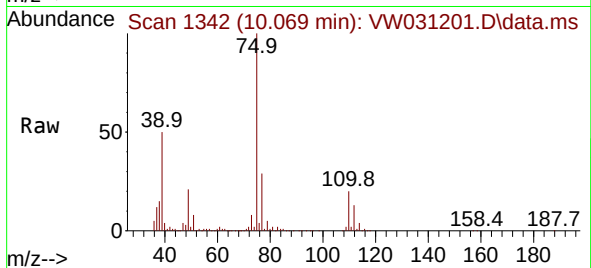




#39
cis-1,3-Dichloropropene
Concen: 17.812 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

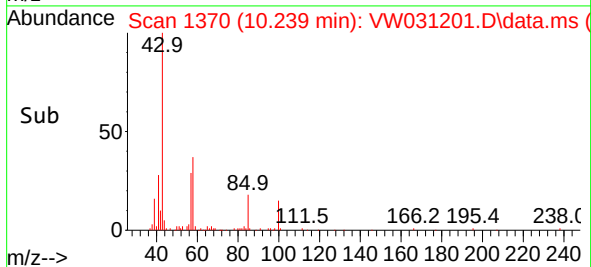
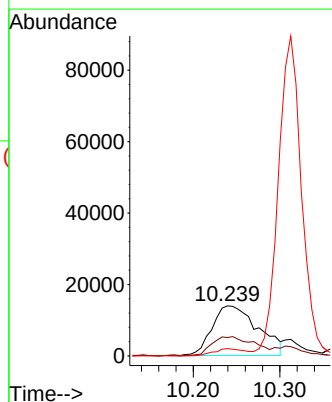
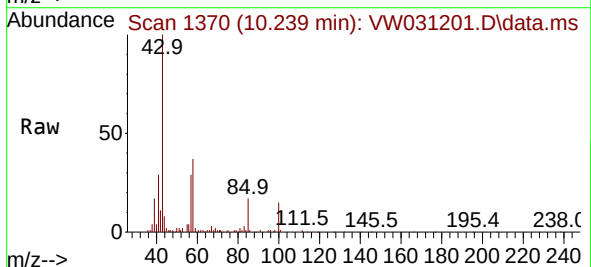
Instrument :
MSVOA_W
ClientSampleId :

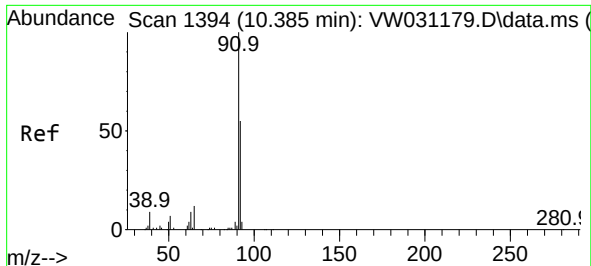
Tgt Ion: 75 Resp: 95516
Ion Ratio Lower Upper
75 100
77 29.3 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 32.110 ug/L
RT: 10.239 min Scan# 1370
Delta R.T. 0.031 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion: 43 Resp: 51068
Ion Ratio Lower Upper
43 100
58 28.4 33.7 50.5#
100 10.7 14.2 21.2#

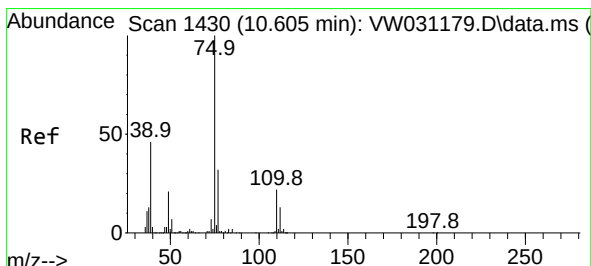
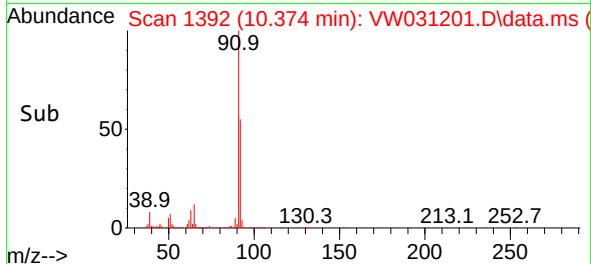
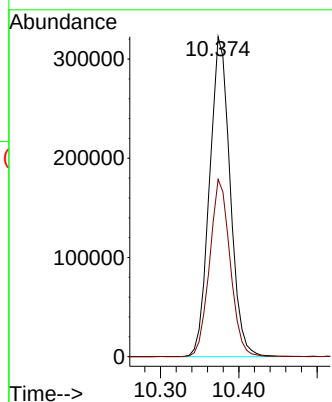
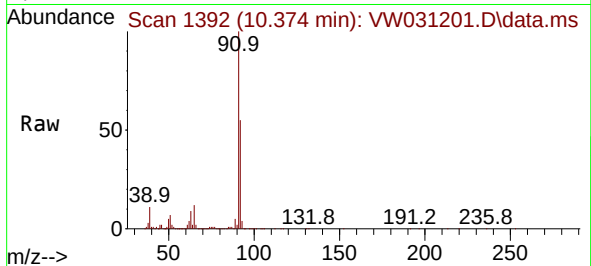




#42
Toluene
Concen: 39.151 ug/L
RT: 10.374 min Scan# 1392
Delta R.T. -0.012 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

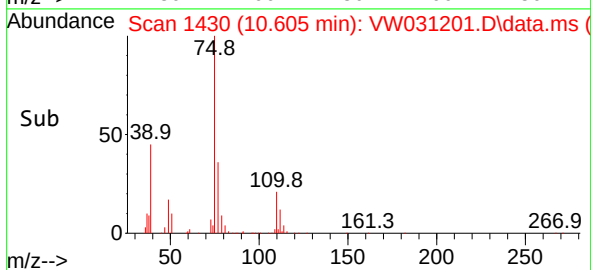
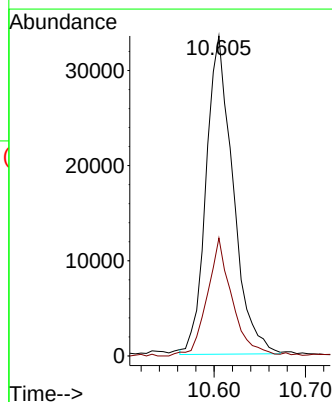
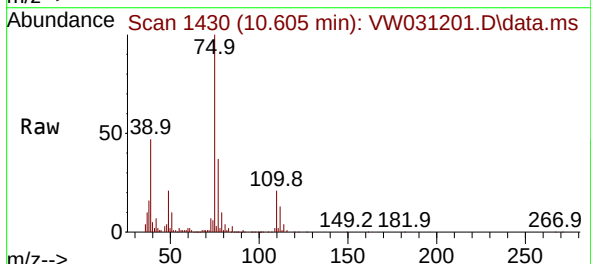
Instrument :
MSVOA_W
ClientSampleId :

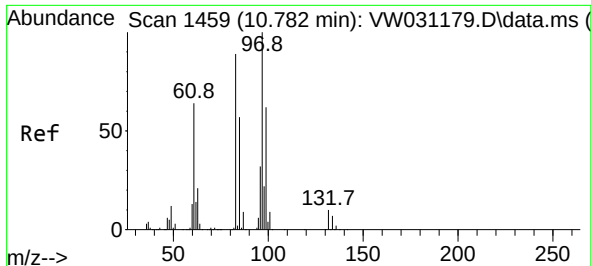
Tgt Ion: 91 Resp: 588830
Ion Ratio Lower Upper
91 100
92 55.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 15.522 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

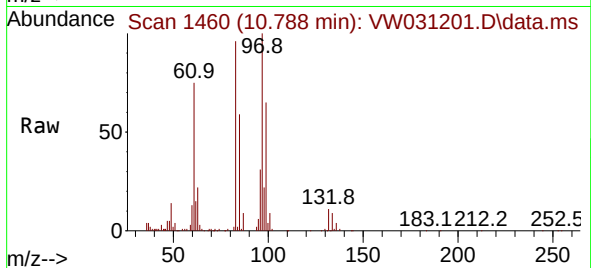
Tgt Ion: 75 Resp: 68430
Ion Ratio Lower Upper
75 100
77 36.8 22.1 41.1



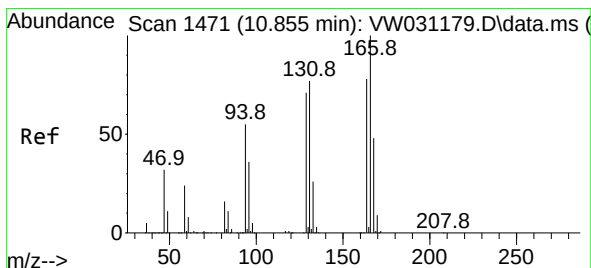
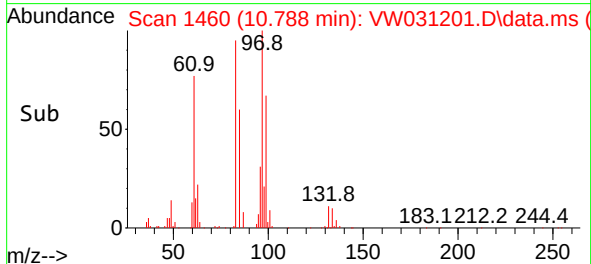
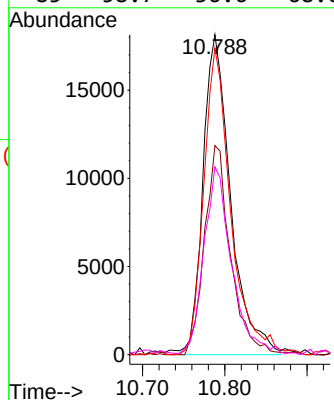


#45
1,1,2-Trichloroethane
Concen: 17.335 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Instrument :
MSVOA_W
ClientSampleId :

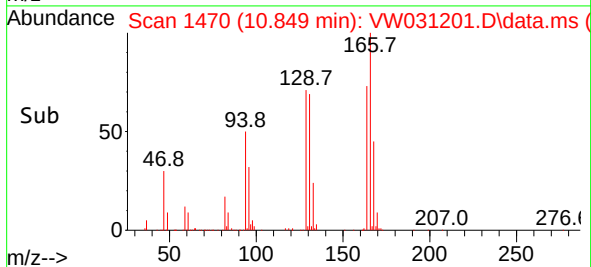
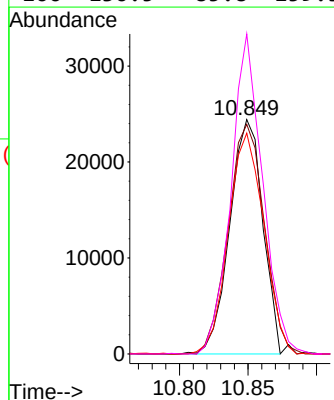
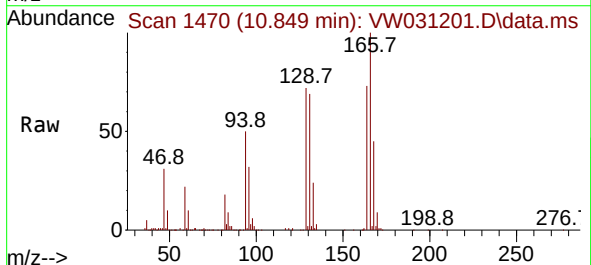


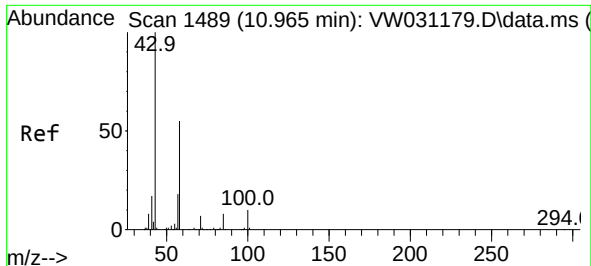
Tgt Ion:	97	Resp:	42313
Ion	Ratio	Lower	Upper
97	100		
99	65.3	42.4	78.8
83	95.8	57.8	107.4
85	58.7	36.6	68.0



#46
Tetrachloroethene
Concen: 13.950 ug/L
RT: 10.849 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:	164	Resp:	40728
Ion	Ratio	Lower	Upper
164	100		
129	100.7	61.9	114.9
131	94.2	67.9	126.1
166	136.5	85.8	159.3

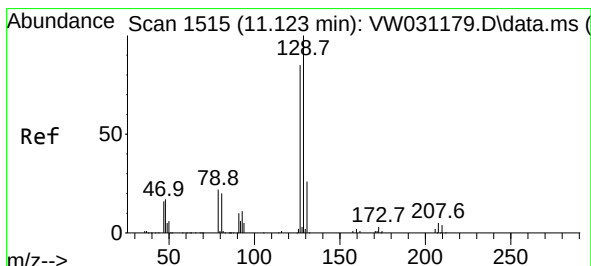
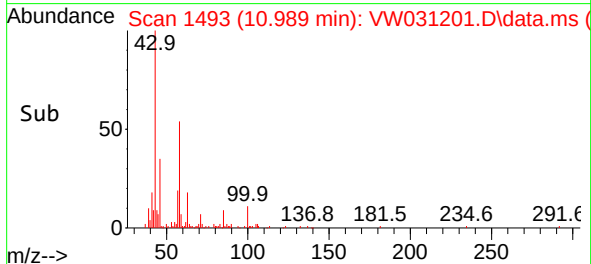
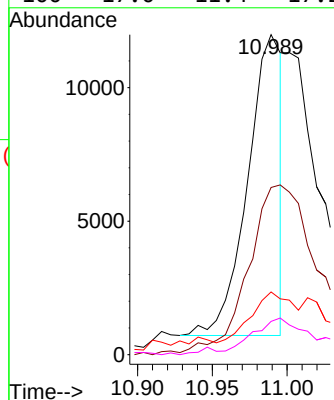
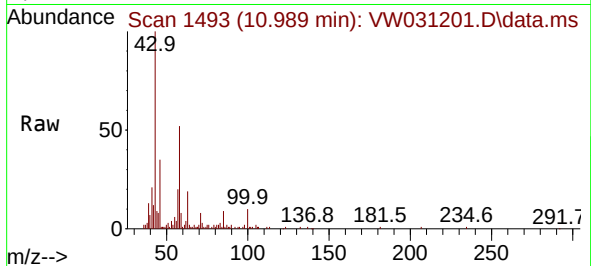




#48
2-Hexanone
Concen: 12.535 ug/L
RT: 10.989 min Scan# 1489
Delta R.T. 0.025 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

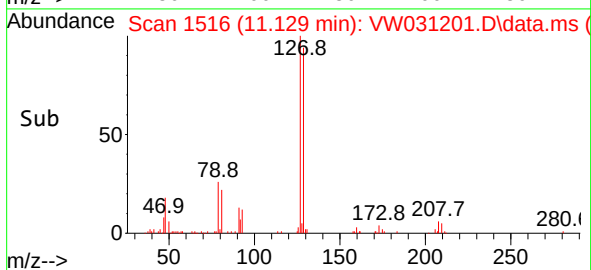
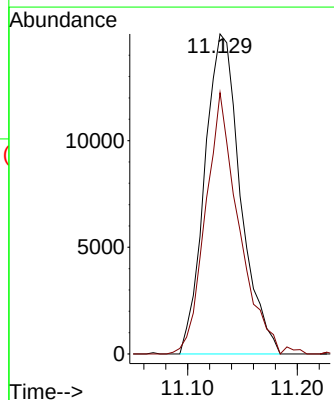
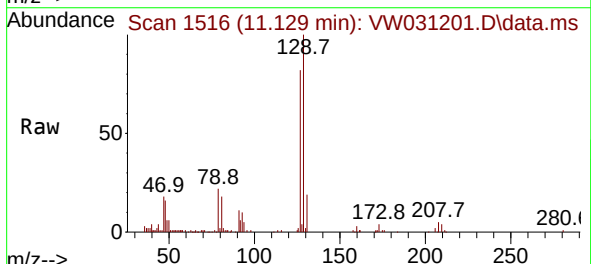
Instrument :
MSVOA_W
ClientSampleId :

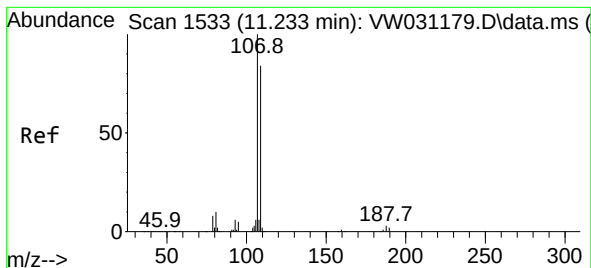
Tgt Ion: 43 Resp: 18036
Ion Ratio Lower Upper
43 100
58 112.2 49.8 74.6#
57 25.4 16.6 24.8#
100 17.0 11.4 17.2



#49
Dibromochloromethane
Concen: 12.702 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:129 Resp: 34154
Ion Ratio Lower Upper
129 100
127 85.8 51.4 95.4

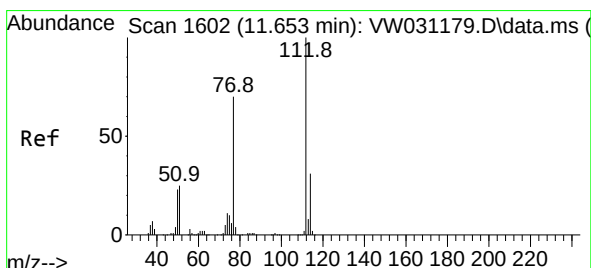
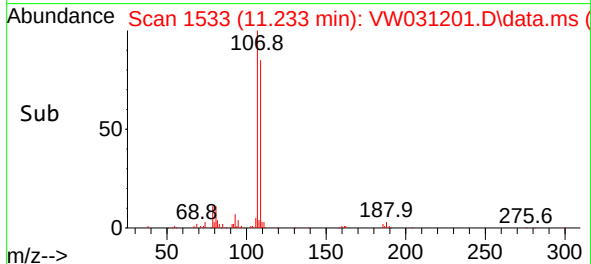
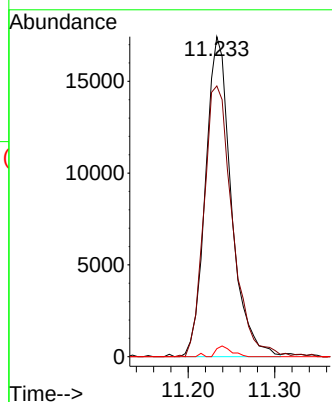
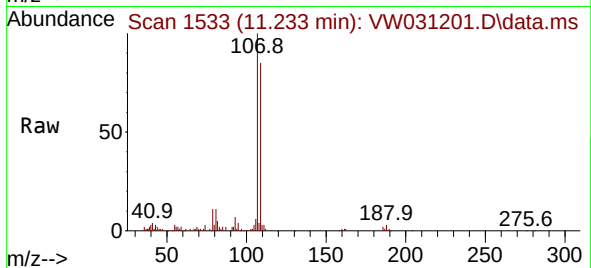




#50
1,2-Dibromoethane
Concen: 15.794 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

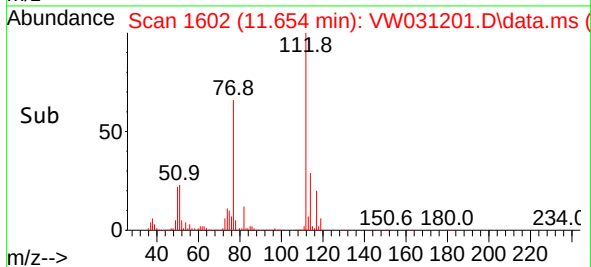
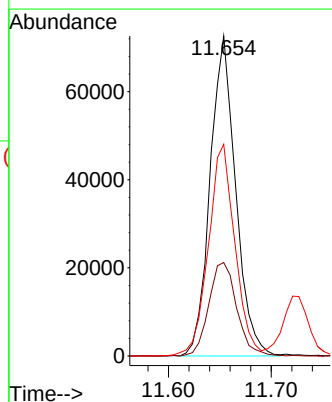
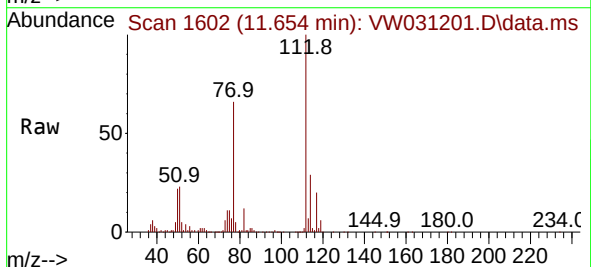
Instrument :
MSVOA_W
ClientSampleId :

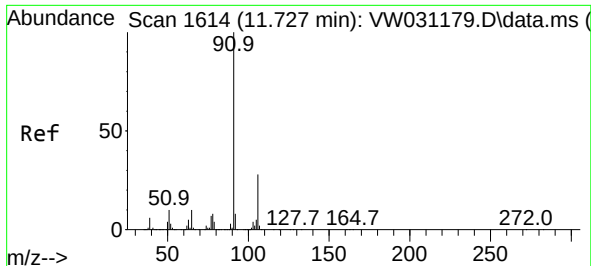
Tgt Ion:107 Resp: 36026
Ion Ratio Lower Upper
107 100
109 87.4 71.0 131.9
188 2.5 3.0 4.4#



#51
Chlorobenzene
Concen: 13.066 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:112 Resp: 125442
Ion Ratio Lower Upper
112 100
114 29.2 21.2 39.4
77 66.1 45.4 68.0

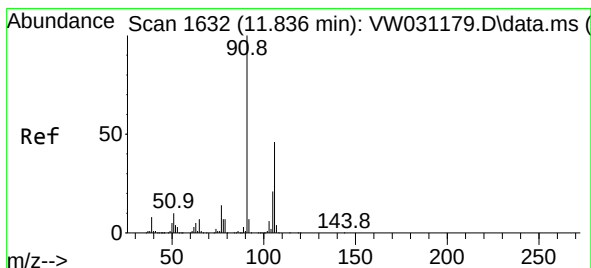
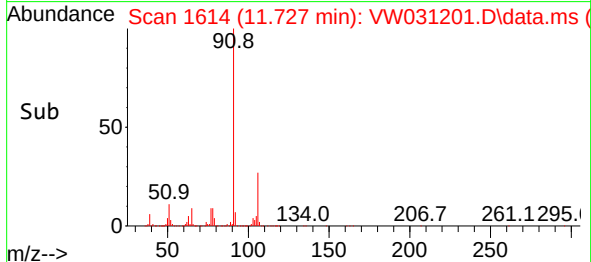
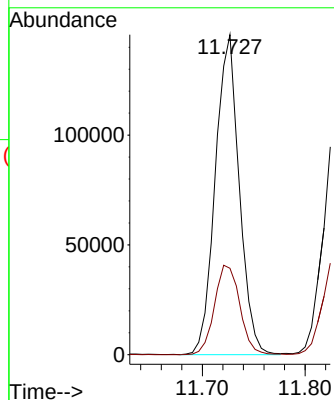
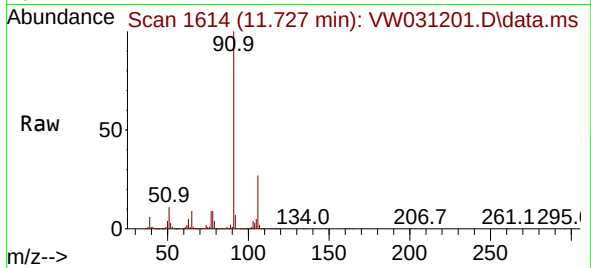




#52
Ethylbenzene
Concen: 13.847 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

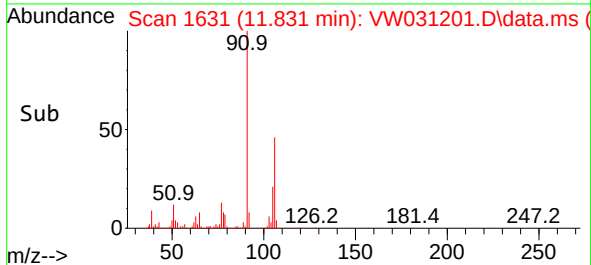
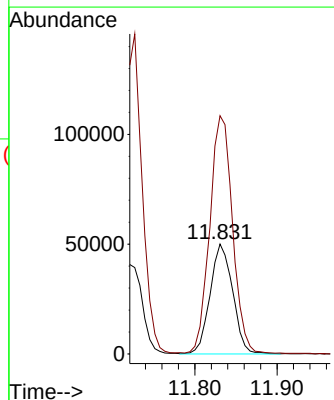
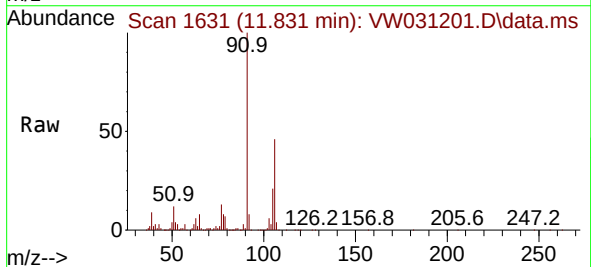
Instrument :
MSVOA_W
ClientSampleId :

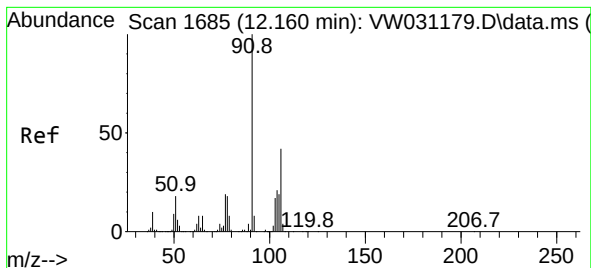
Tgt Ion: 91 Resp: 235991
Ion Ratio Lower Upper
91 100
106 27.0 21.3 39.5



#53
m,p-Xylene
Concen: 15.088 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:106 Resp: 95706
Ion Ratio Lower Upper
106 100
91 216.8 140.9 261.7

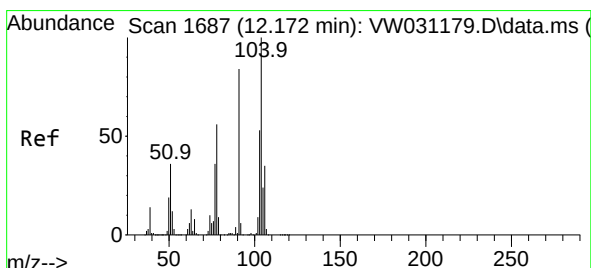
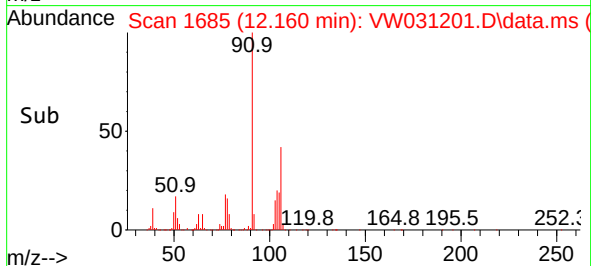
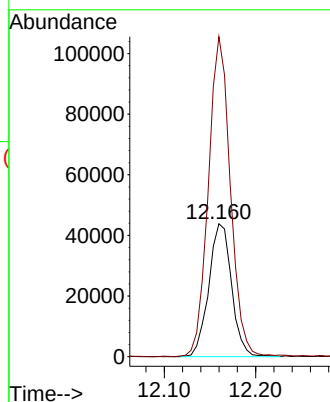
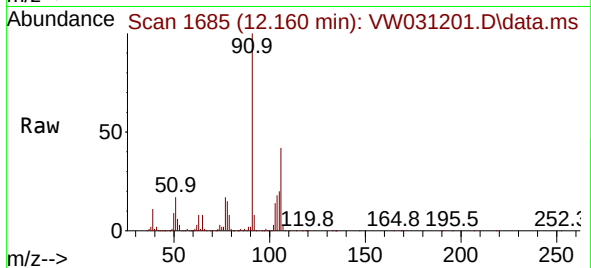




#54
o-Xylene
Concen: 12.878 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

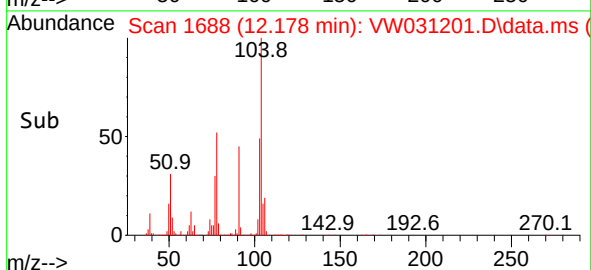
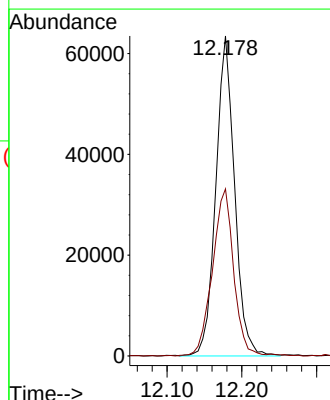
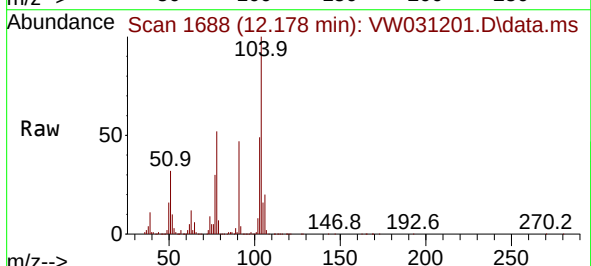
Instrument :
MSVOA_W
ClientSampleId :

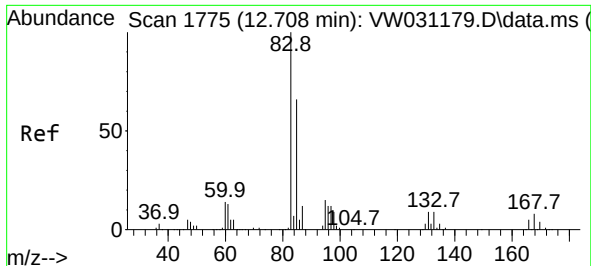
Tgt Ion:106 Resp: 75995
Ion Ratio Lower Upper
106 100
91 240.6 152.7 283.5



#55
Styrene
Concen: 11.175 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:104 Resp: 111009
Ion Ratio Lower Upper
104 100
78 52.2 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 10.660 ug/L

RT: 12.721 min Scan# 1

Delta R.T. 0.012 min

Lab File: VW031201.D

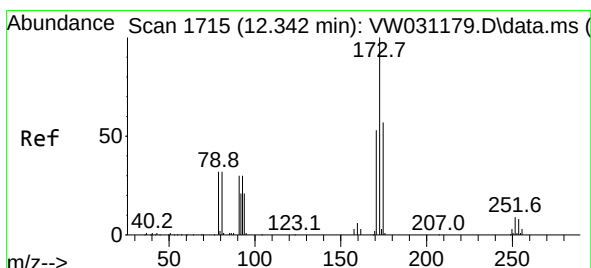
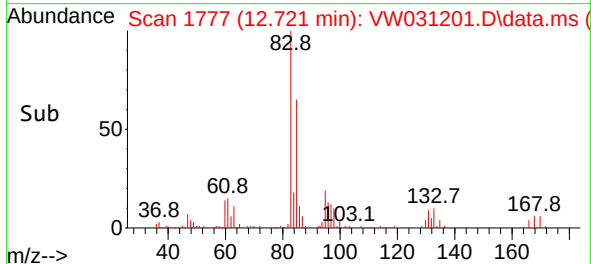
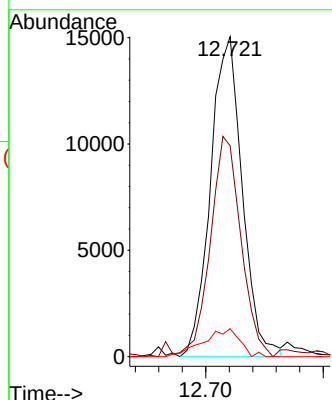
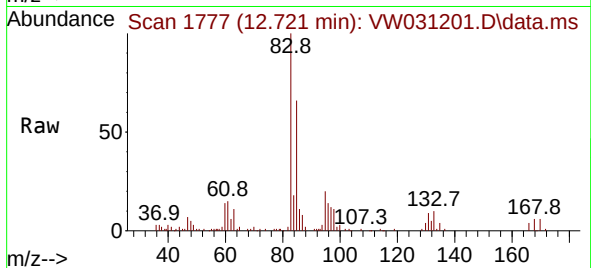
Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	28186
Ion Ratio	Lower	Upper	
83	100		
85	65.9	48.3	89.7
131	8.8	8.9	13.3#



#59

Bromoform

Concen: 13.428 ug/L

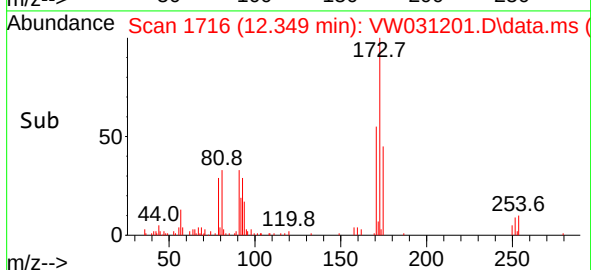
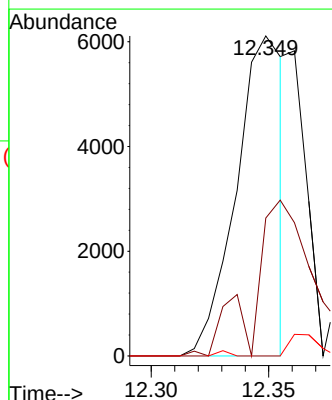
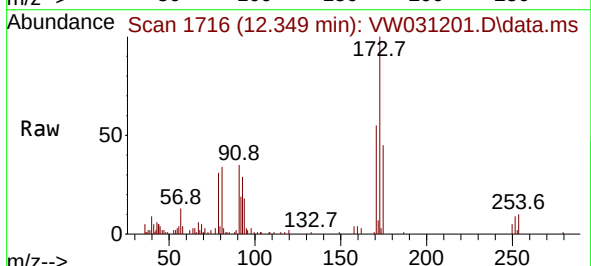
RT: 12.349 min Scan# 1716

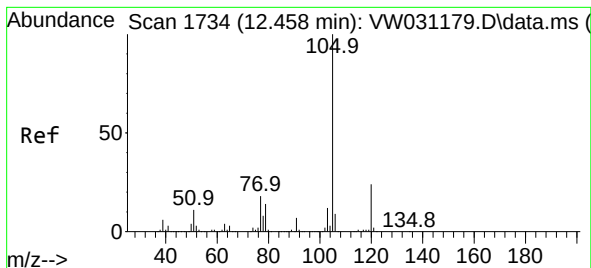
Delta R.T. 0.006 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Tgt Ion:	173	Resp:	8513
Ion Ratio	Lower	Upper	
173	100		
175	49.8	36.6	54.8
254	4.1	7.7	11.5#





#60

Isopropylbenzene

Concen: 21.440 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

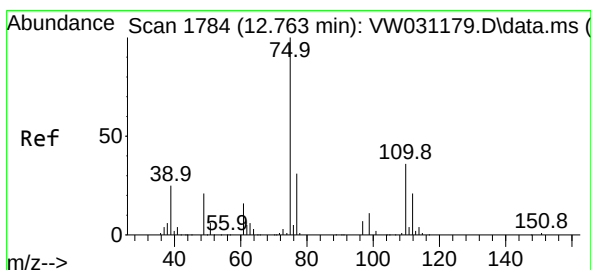
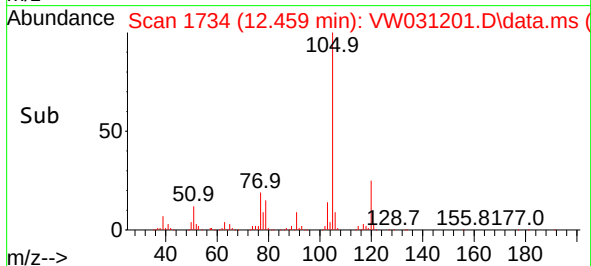
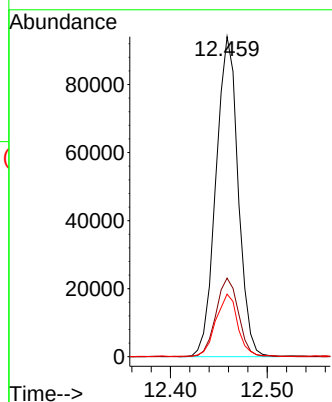
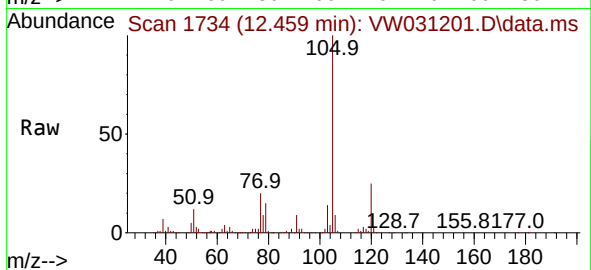
Tgt Ion:105 Resp: 150161

Ion Ratio Lower Upper

105 100

120 24.9 21.5 32.3

77 19.5 12.3 18.5#



#61

1,2,3-Trichloropropane

Concen: 32.489 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

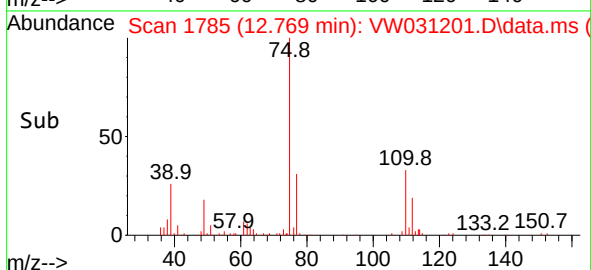
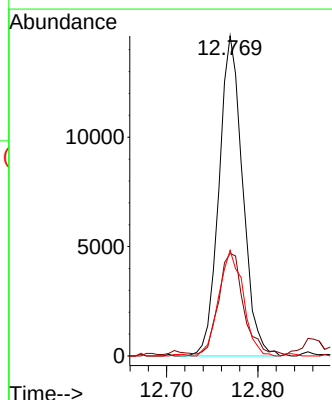
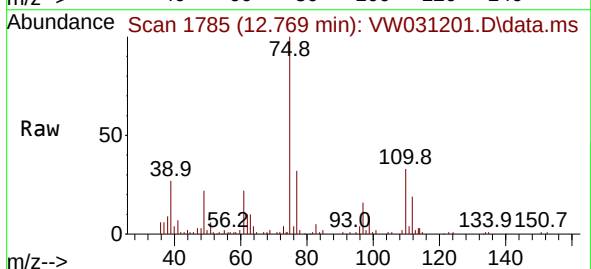
Tgt Ion: 75 Resp: 26338

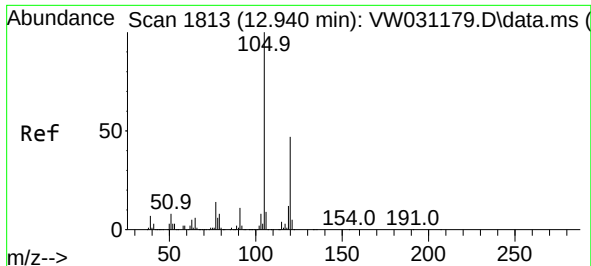
Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.2

110 34.1 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 16.713 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

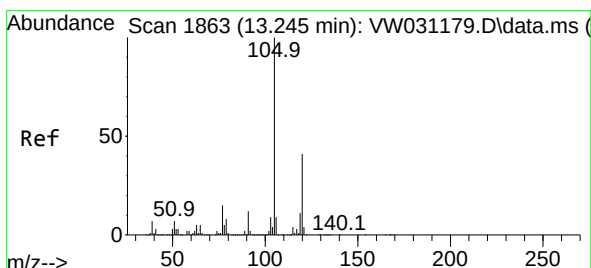
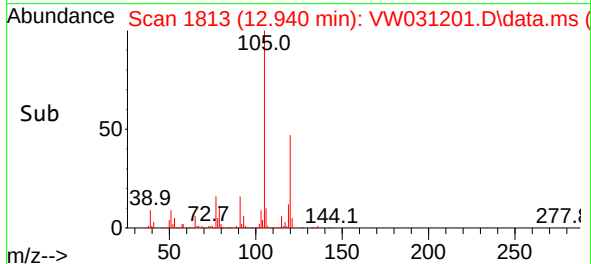
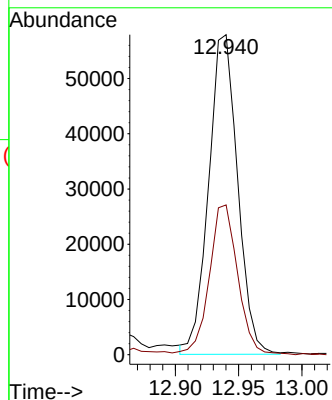
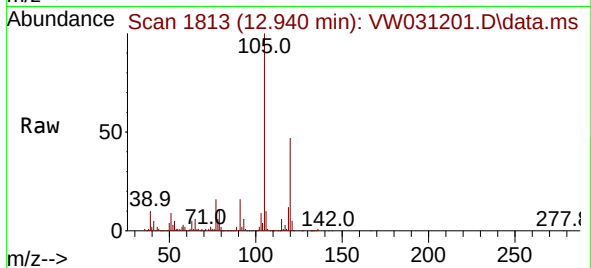
ClientSampleId :

Tgt Ion:105 Resp: 92175

Ion Ratio Lower Upper

105 100

120 46.0 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 16.809 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031201.D

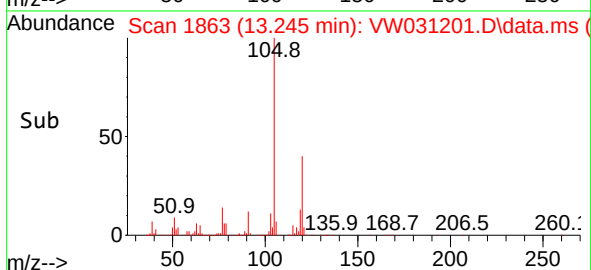
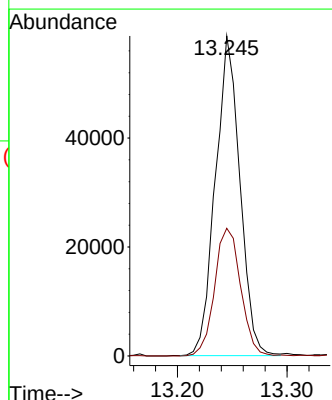
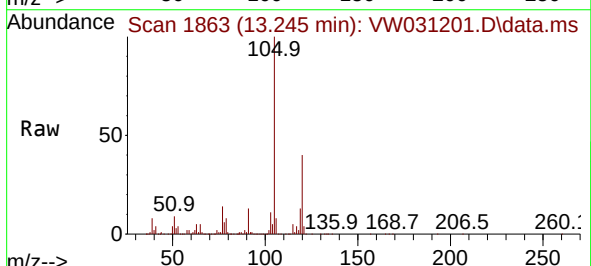
Acq: 10 Dec 2024 19:06

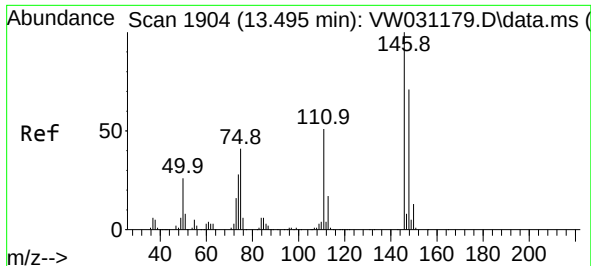
Tgt Ion:105 Resp: 91066

Ion Ratio Lower Upper

105 100

120 42.5 35.4 53.0

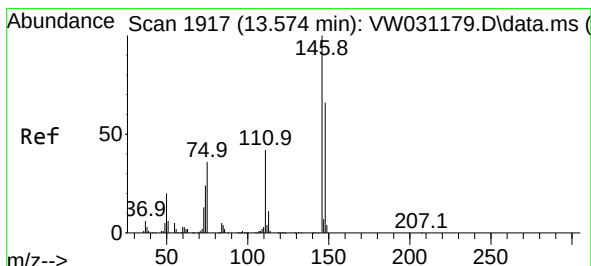
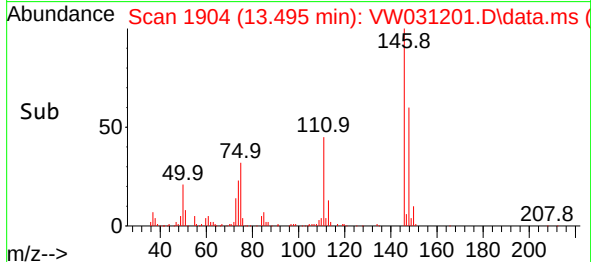
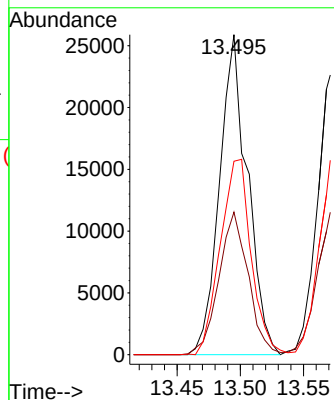
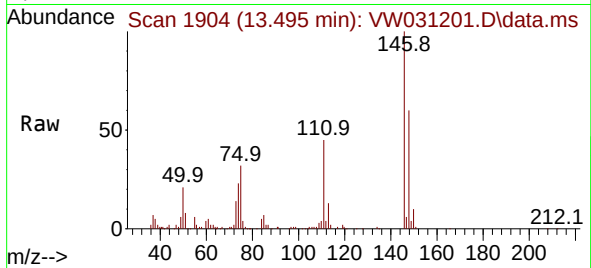




#64
1,3-Dichlorobenzene
Concen: 13.039 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

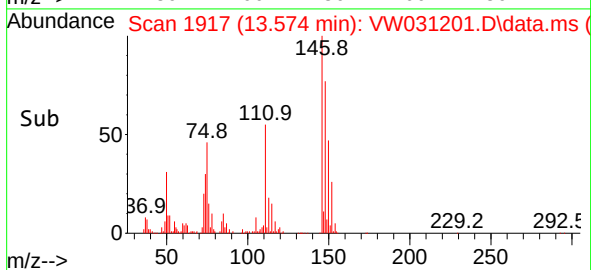
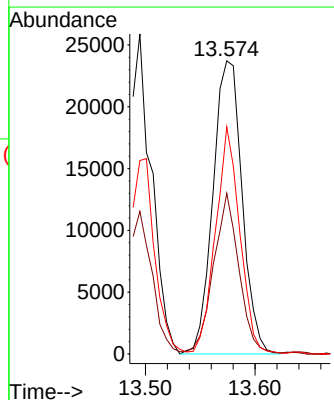
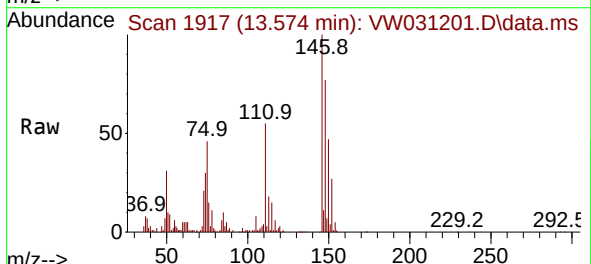
Instrument :
MSVOA_W
ClientSampleId :

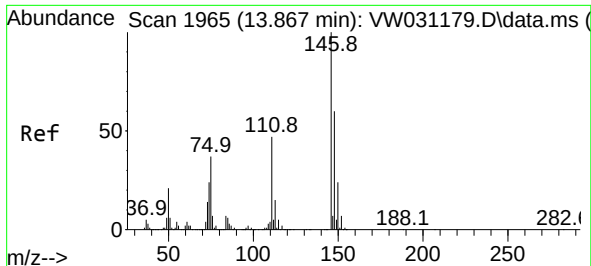
Tgt Ion:146 Resp: 39825
Ion Ratio Lower Upper
146 100
111 41.9 28.5 52.9
148 56.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 14.194 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

Tgt Ion:146 Resp: 43791
Ion Ratio Lower Upper
146 100
111 54.8 26.6 49.4#
148 77.4 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 13.813 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031201.D

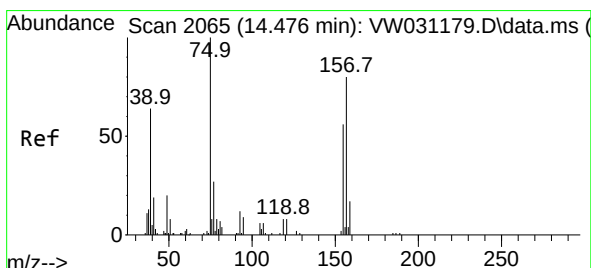
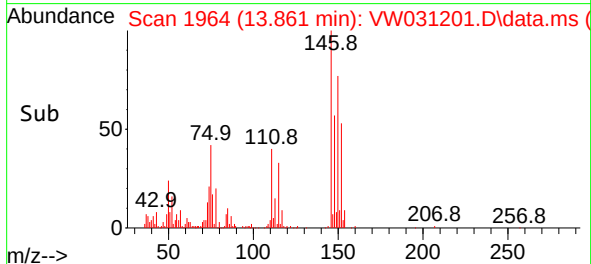
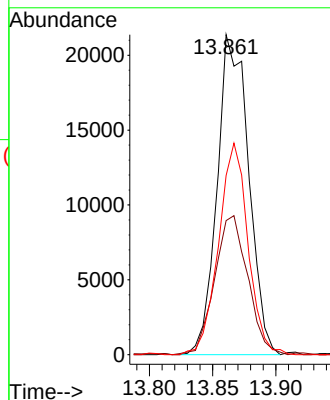
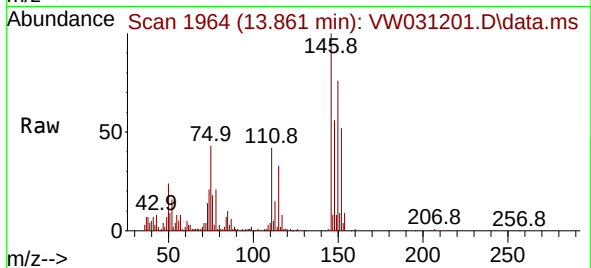
Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	36905
Ion Ratio	Lower	Upper	
146	100		
111	41.9	30.9	46.3
148	56.0	50.0	75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 17.872 ug/L

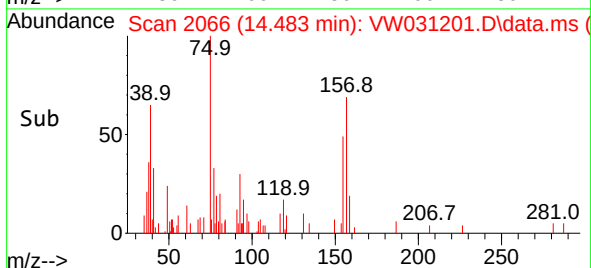
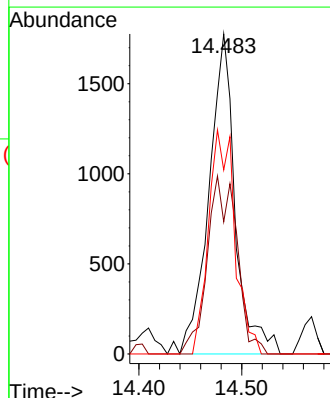
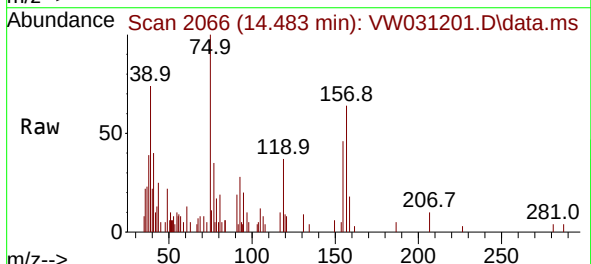
RT: 14.483 min Scan# 2066

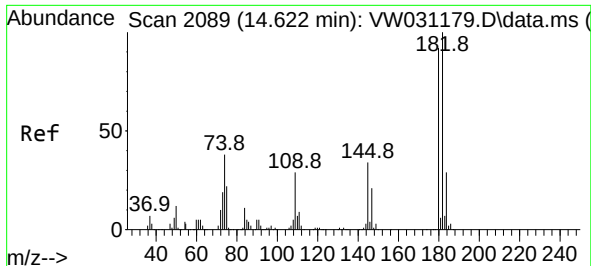
Delta R.T. 0.006 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

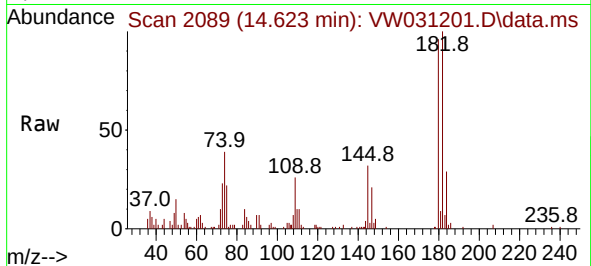
Tgt Ion:	75	Resp:	3146
Ion Ratio	Lower	Upper	
75	100		
155	41.3	63.1	94.7#
157	57.5	82.1	123.1#



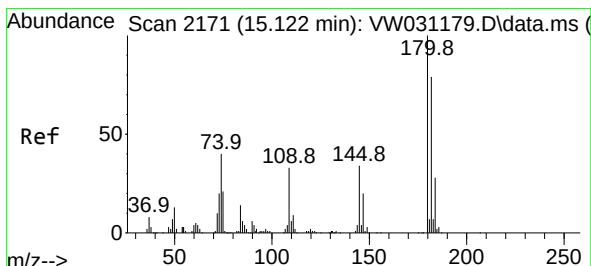
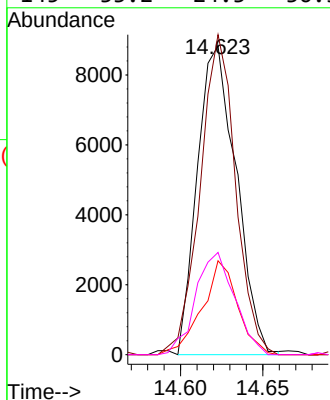
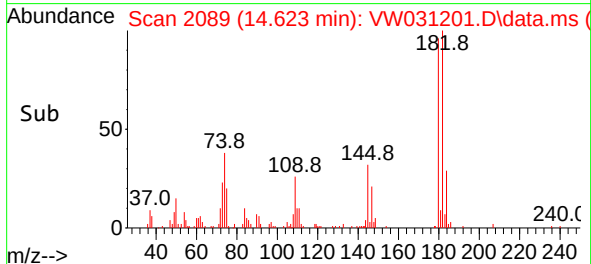


#69
1,3,5-Trichlorobenzene
Concen: 6.990 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06

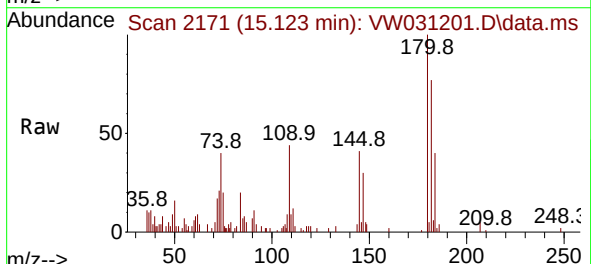
Instrument :
MSVOA_W
ClientSampleId :



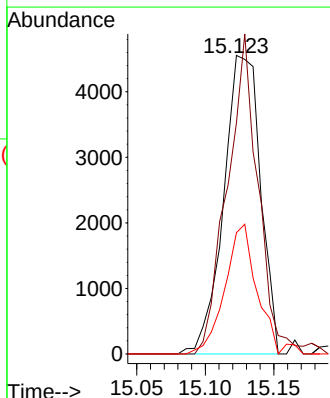
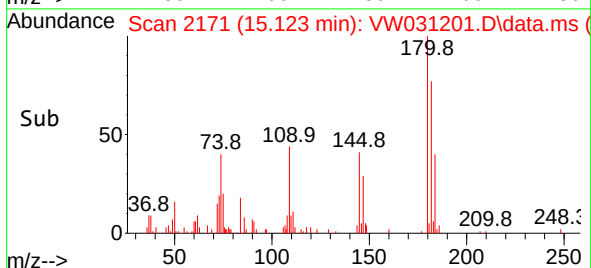
Tgt Ion:180 Resp: 14506
Ion Ratio Lower Upper
180 100
182 94.3 78.2 117.2
184 27.9 24.0 36.0
145 33.2 24.3 36.5

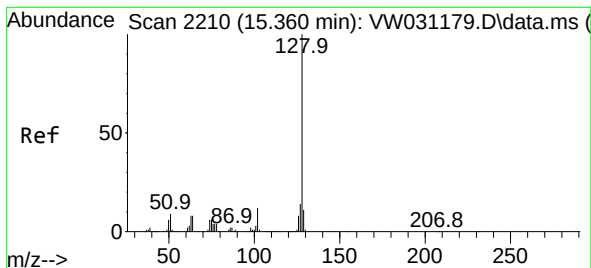


#70
1,2,4-trichlorobenzene
Concen: 5.229 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031201.D
Acq: 10 Dec 2024 19:06



Tgt Ion:180 Resp: 8509
Ion Ratio Lower Upper
180 100
182 89.7 76.1 114.1
145 37.2 25.7 38.5





#71

Naphthalene

Concen: 7.779 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

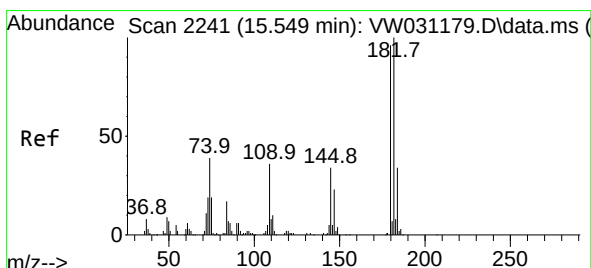
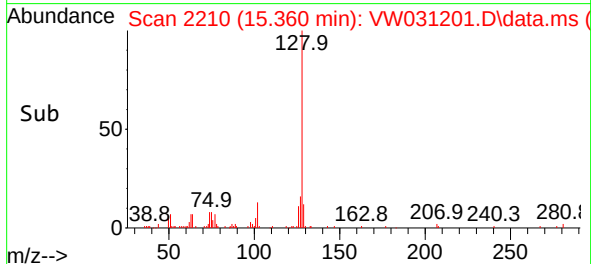
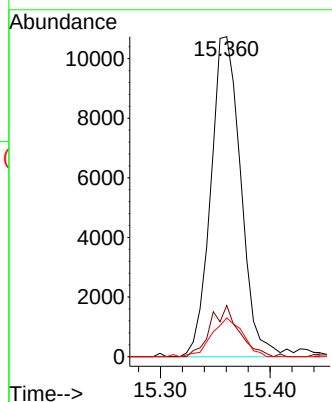
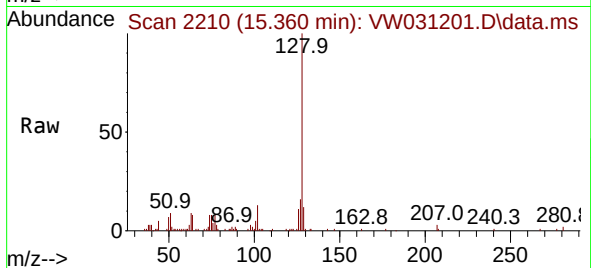
Tgt Ion:128 Resp: 20394

Ion Ratio Lower Upper

128 100

127 15.2 10.4 15.6

129 12.5 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 3.804 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031201.D

Acq: 10 Dec 2024 19:06

Tgt Ion:180 Resp: 5299

Ion Ratio Lower Upper

180 100

182 77.0 78.7 118.1#

145 31.2 26.3 39.5

