

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031183.D
 Acq On : 10 Dec 2024 11:52
 Operator : SY/MD
 Sample : P5153-13
 Misc : 6.23g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 00:28:28 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)

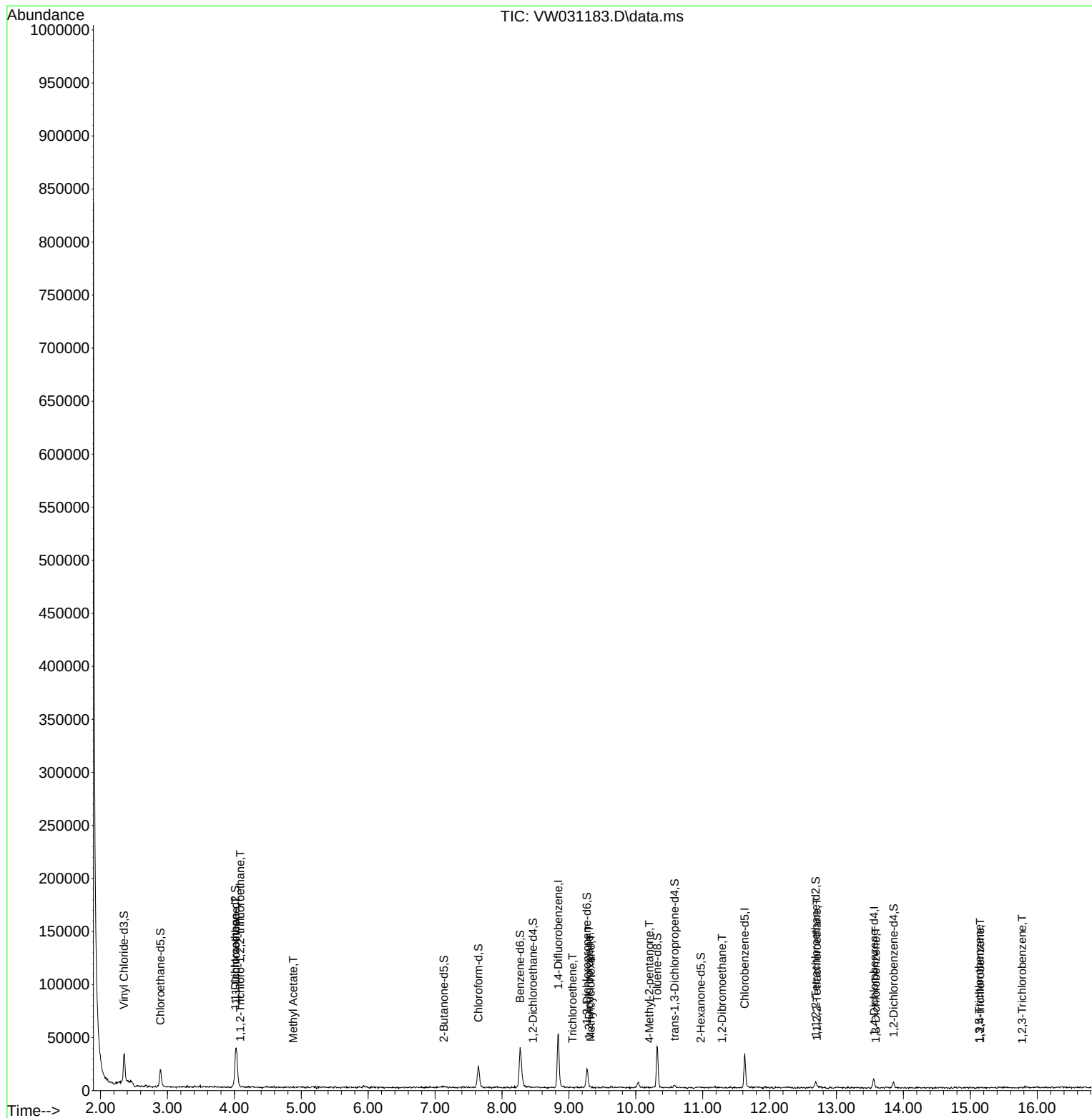
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	36403	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	15006	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.562	152	1960	25.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	30276	54.044	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 216.160%#	
7) Chloroethane-d5	2.893	69	17973	41.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 165.400%#	
11) 1,1-Dichloroethene-d2	4.015	65	5438	21.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 85.120%	
21) 2-Butanone-d5	7.130	46	227	2.317	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	= 4.640%#	
24) Chloroform-d	7.648	84	19093	17.908	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 71.640%	
26) 1,2-Dichloroethane-d4	8.465	65	116	0.221	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.880%#	
32) Benzene-d6	8.270	84	36226	39.278	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 157.120%#	
36) 1,2-Dichloropropane-d6	9.270	67	7881	29.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 116.680%	
41) Toluene-d8	10.319	98	25251	30.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 121.360%	
43) trans-1,3-Dichloroprop...	10.581	79	1119	10.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 41.160%	
47) 2-Hexanone-d5	10.971	63	150	4.739	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	= 9.480%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1771	9.713	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 38.840%#	
66) 1,2-Dichlorobenzene-d4	13.854	152	1252	17.984	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 71.920%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	224	0.430	ug/L #	19
12) 1,1-Dichloroethene	4.021	96	363	0.702	ug/L #	1
15) Methyl Acetate	4.880	43	112	0.605	ug/L	96
34) Trichloroethene	9.057	95	143	0.511	ug/L #	5
35) Methylcyclohexane	9.325	83	149	0.335	ug/L #	83
37) 1,2-Dichloropropane	9.300	63	119	0.471	ug/L #	1
40) 4-Methyl-2-pentanone	10.203	43	127	1.124	ug/L #	41
50) 1,2-Dibromoethane	11.288	107	78	0.481	ug/L #	3
57) 1,1,2,2-Tetrachloroethane	12.708	83	124	0.660	ug/L #	87
64) 1,3-Dichlorobenzene	13.586	146	49	0.355	ug/L #	25
69) 1,3,5-Trichlorobenzene	15.135	180	35	0.373	ug/L #	1
70) 1,2,4-trichlorobenzene	15.147	180	38	0.517	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.775	180	43	0.683	ug/L #	11

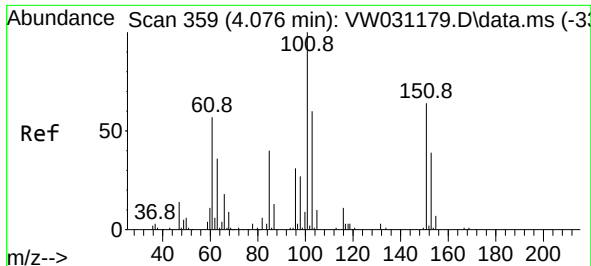
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.23g/10mL/MSVOA_W/SOIL/A
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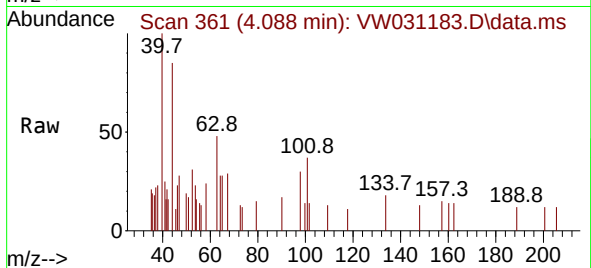
Quant Time: Dec 11 00:28:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration



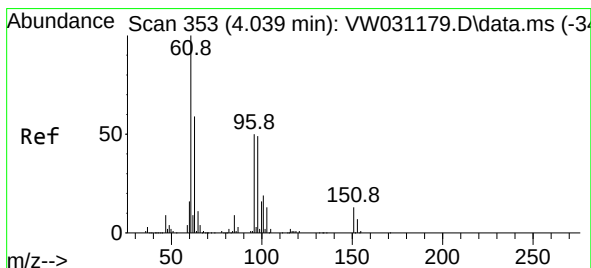
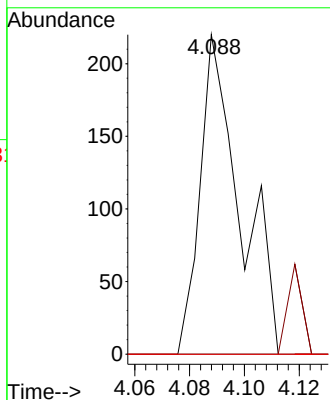
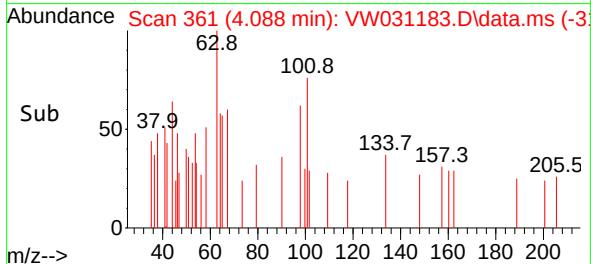


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.430 ug/L
RT: 4.088 min Scan# 301
Delta R.T. 0.012 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

Instrument :
MSVOA_W
ClientSampled :

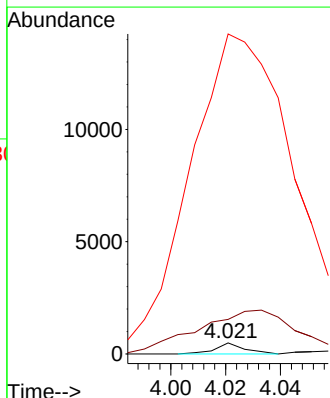
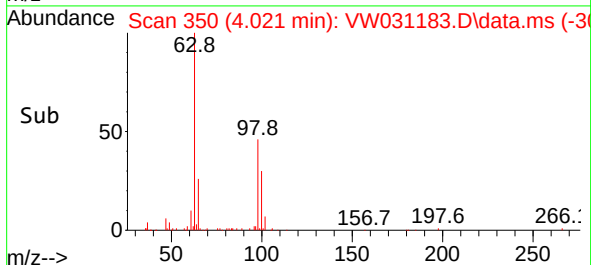
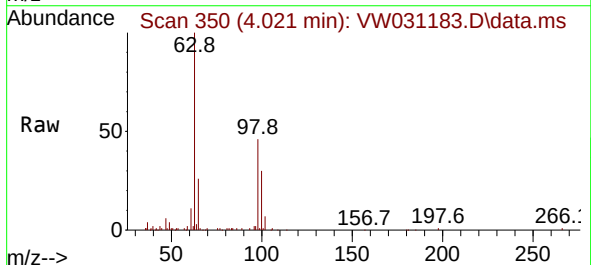


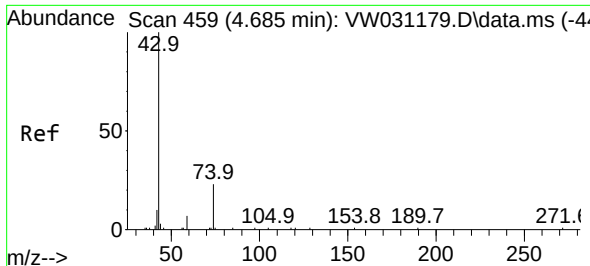
Tgt Ion: 101 Resp: 224
Ion Ratio Lower Upper
101 100
85 0.0 33.9 50.9#
151 0.0 61.8 92.6#



#12
1,1-Dichloroethene
Concen: 0.702 ug/L
RT: 4.021 min Scan# 350
Delta R.T. -0.018 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

Tgt Ion: 96 Resp: 363
Ion Ratio Lower Upper
96 100
61 314.1 113.5 210.9#
63 2914.1 73.8 137.2#

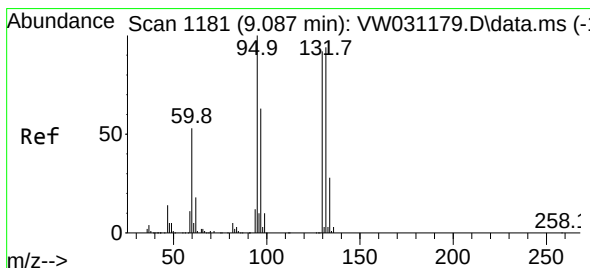
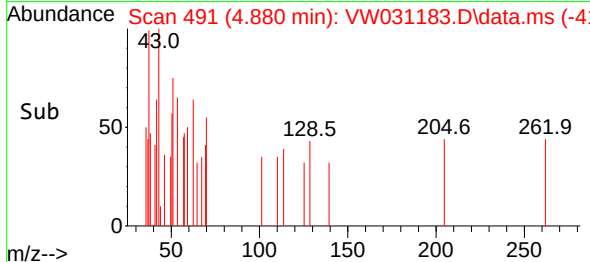
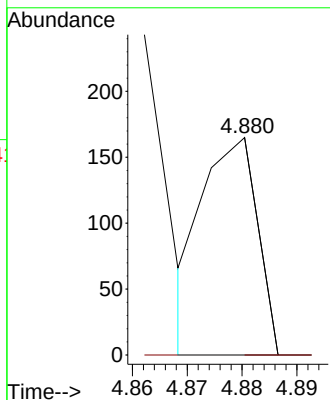
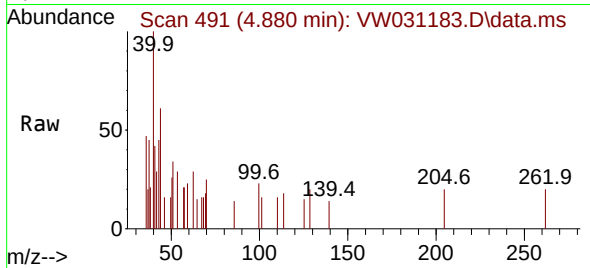




#15
Methyl Acetate
Concen: 0.605 ug/L
RT: 4.880 min Scan# 491
Delta R.T. 0.195 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

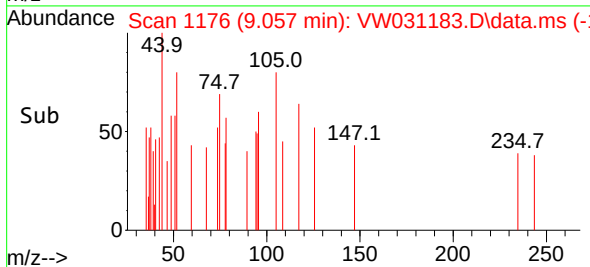
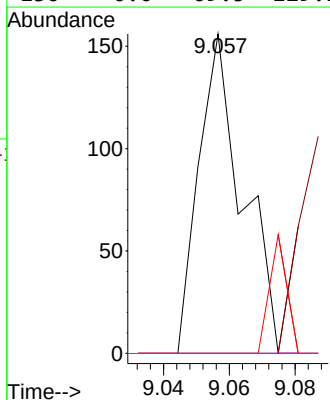
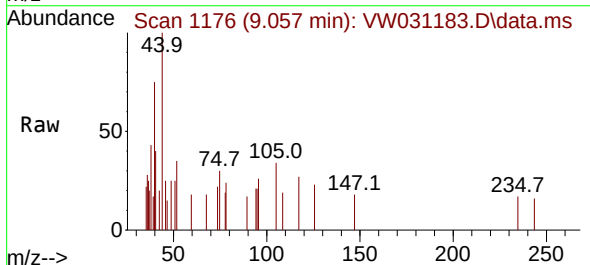
Instrument :
MSVOA_W
ClientSampleId :

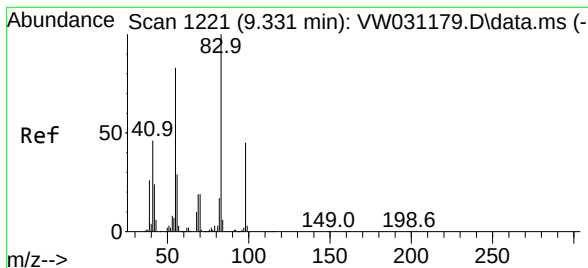
Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
74 24.1 20.8 31.2



#34
Trichloroethene
Concen: 0.511 ug/L
RT: 9.057 min Scan# 1176
Delta R.T. -0.030 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

Tgt Ion: 95 Resp: 143
Ion Ratio Lower Upper
95 100
97 0.0 48.0 89.2#
132 0.0 67.4 125.2#
130 0.0 69.5 129.1#

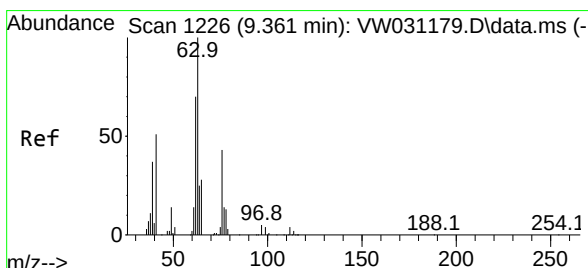
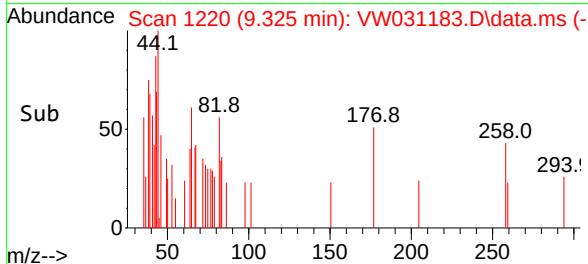
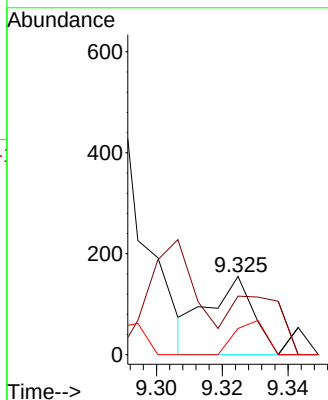
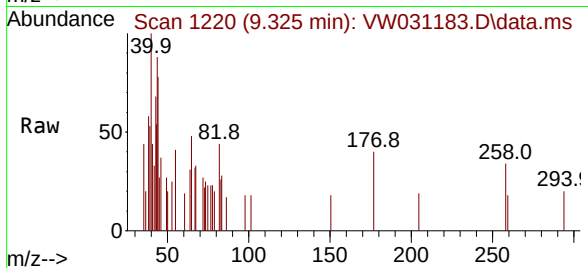




#35
Methylcyclohexane
Concen: 0.335 ug/L
RT: 9.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

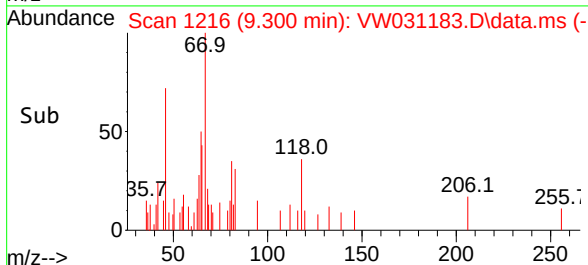
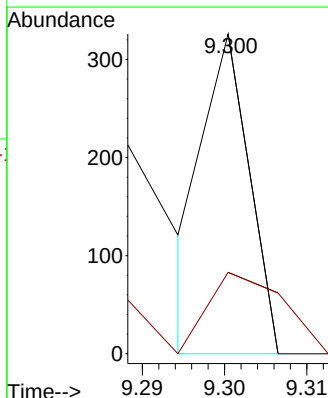
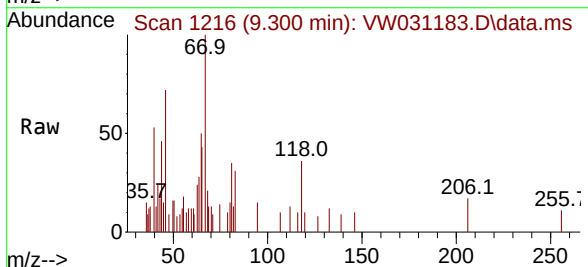
Instrument :
MSVOA_W
ClientSampleId :

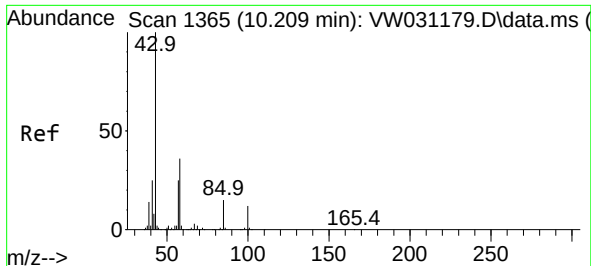
Tgt Ion	83	Resp:	149
Ion	Ratio	Lower	Upper
83	100		
55	82.6	59.5	89.3
98	29.5	38.7	58.1#



#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 9.300 min Scan# 1216
Delta R.T. -0.061 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

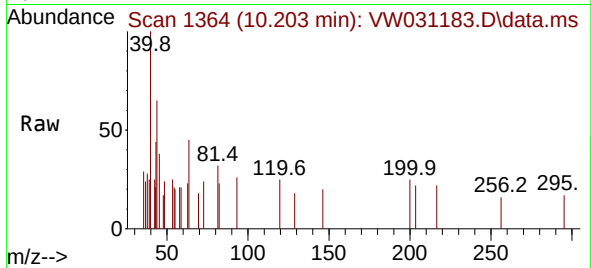
Tgt Ion	63	Resp:	119
Ion	Ratio	Lower	Upper
63	100		
112	44.5	3.9	5.9#



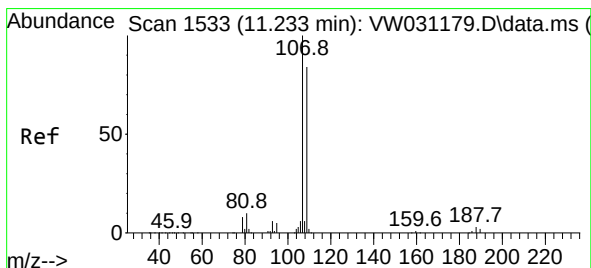
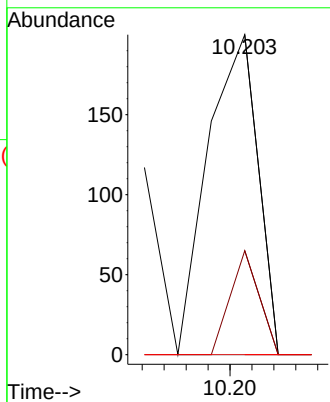
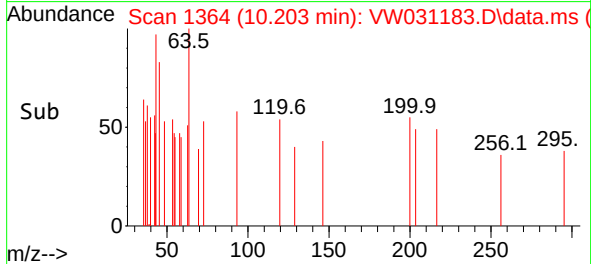


#40
4-Methyl-2-pentanone
Concen: 1.124 ug/L
RT: 10.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

Instrument :
MSVOA_W
ClientSampleId :

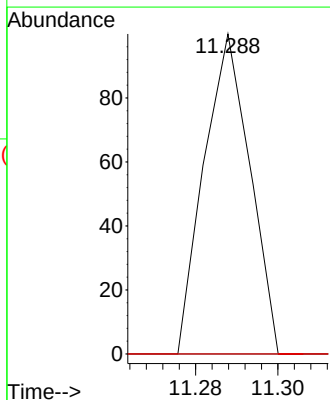
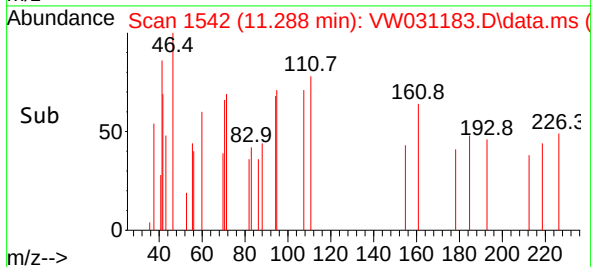
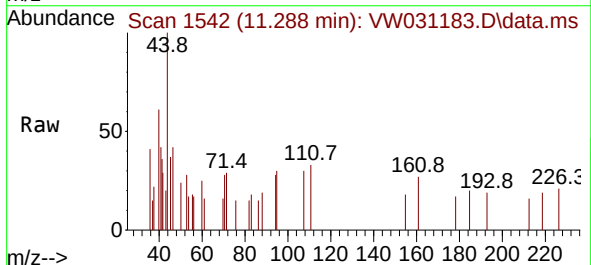


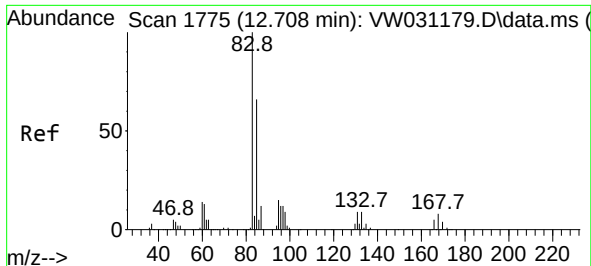
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 33.7 50.5#
100 0.0 14.2 21.2#



#50
1,2-Dibromoethane
Concen: 0.481 ug/L
RT: 11.288 min Scan# 1542
Delta R.T. 0.055 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

Tgt Ion: 107 Resp: 78
Ion Ratio Lower Upper
107 100
109 0.0 71.0 131.9#
188 0.0 3.0 4.4#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.660 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031183.D

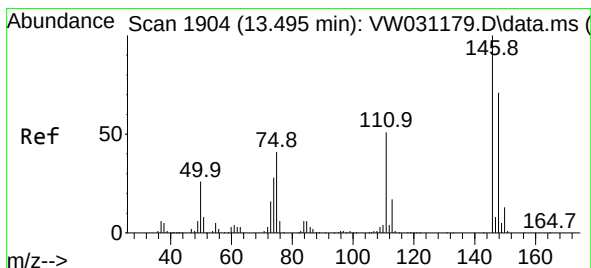
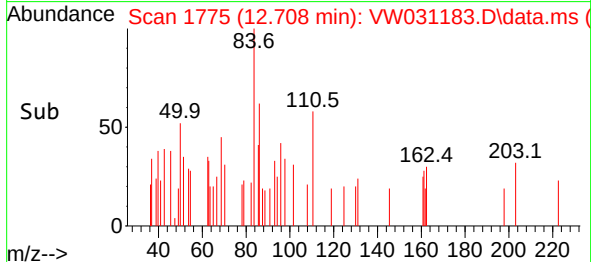
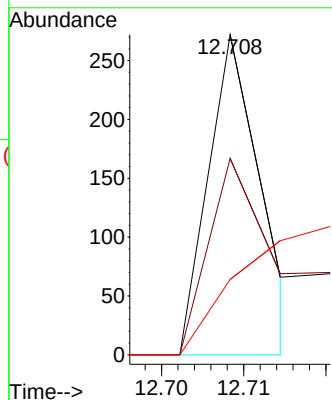
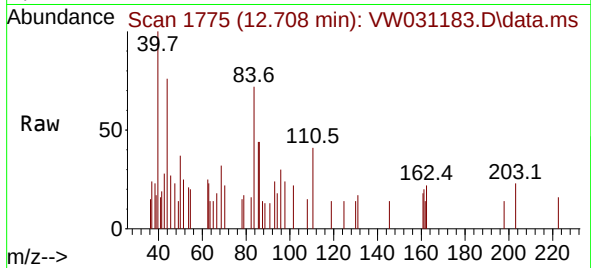
Acq: 10 Dec 2024 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp:	124
Ion Ratio	Lower	Upper
83	100	
85	61.4	48.3 89.7
131	23.5	8.9 13.3#



#64

1,3-Dichlorobenzene

Concen: 0.355 ug/L

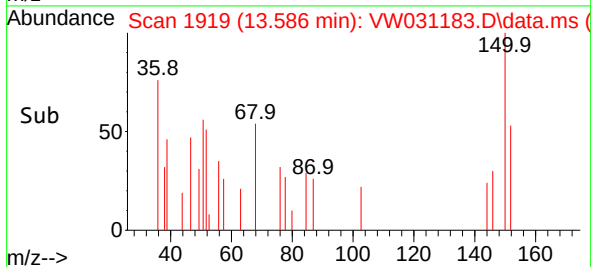
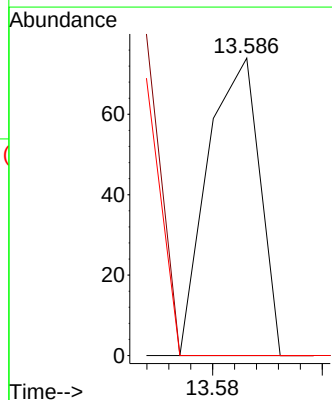
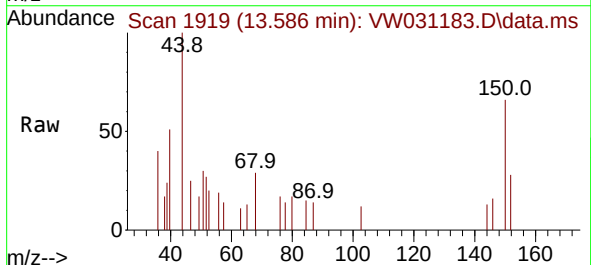
RT: 13.586 min Scan# 1919

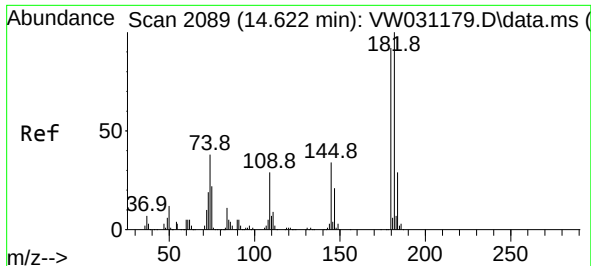
Delta R.T. 0.092 min

Lab File: VW031183.D

Acq: 10 Dec 2024 11:52

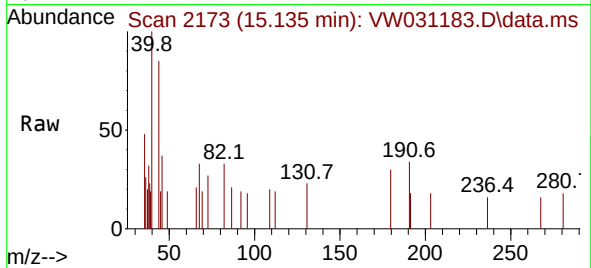
Tgt Ion:146	Resp:	49
Ion Ratio	Lower	Upper
146	100	
111	0.0	28.5 52.9#
148	0.0	44.1 81.9#



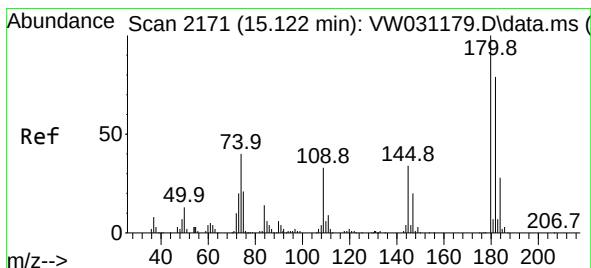
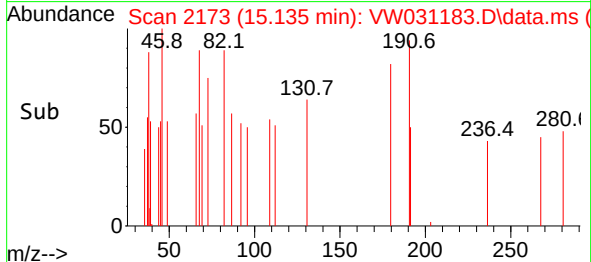
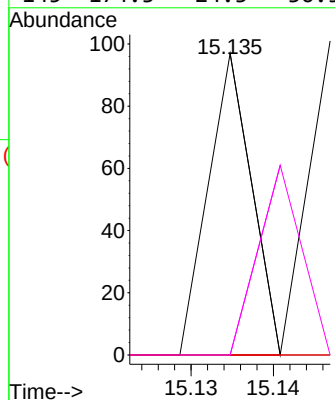


#69
1,3,5-Trichlorobenzene
Concen: 0.373 ug/L
RT: 15.135 min Scan# 21173
Delta R.T. 0.512 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

Instrument :
MSVOA_W
ClientSampleId :

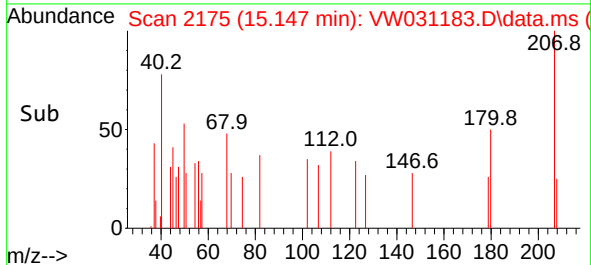
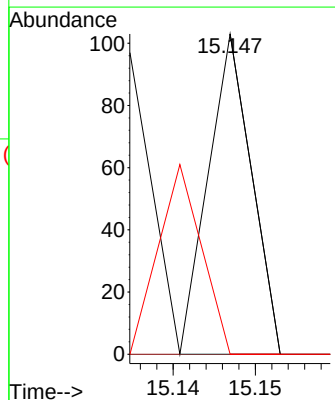
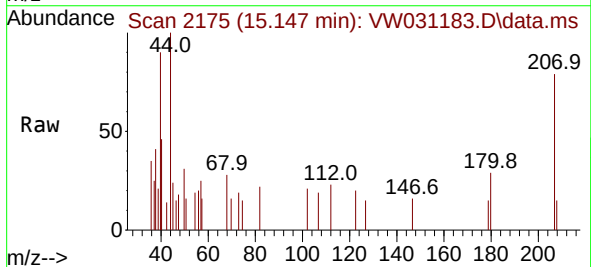


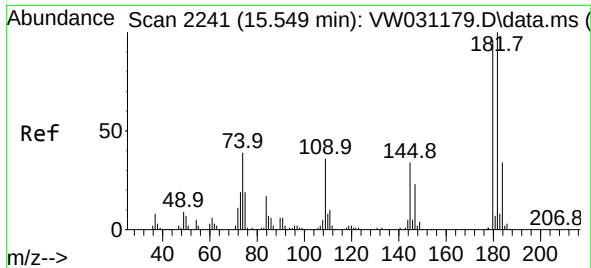
Tgt Ion:	180	Resp:	35
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.2	117.2#
184	134.3	24.0	36.0#
145	174.3	24.3	36.5#



#70
1,2,4-trichlorobenzene
Concen: 0.517 ug/L
RT: 15.147 min Scan# 2175
Delta R.T. 0.025 min
Lab File: VW031183.D
Acq: 10 Dec 2024 11:52

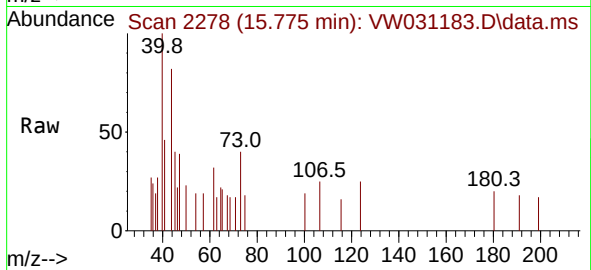
Tgt Ion:	180	Resp:	38
Ion Ratio	Lower	Upper	
180	100		
182	0.0	76.1	114.1#
145	131.6	25.7	38.5#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.683 ug/L
 RT: 15.775 min Scan# 21
 Delta R.T. 0.226 min
 Lab File: VW031183.D
 Acq: 10 Dec 2024 11:52

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	43
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.7	118.1#
145	0.0	26.3	39.5#

