

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031143.D
 Acq On : 06 Dec 2024 12:12
 Operator : SY/MD
 Sample : P5066-09
 Misc : 7.23g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 23:38:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

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

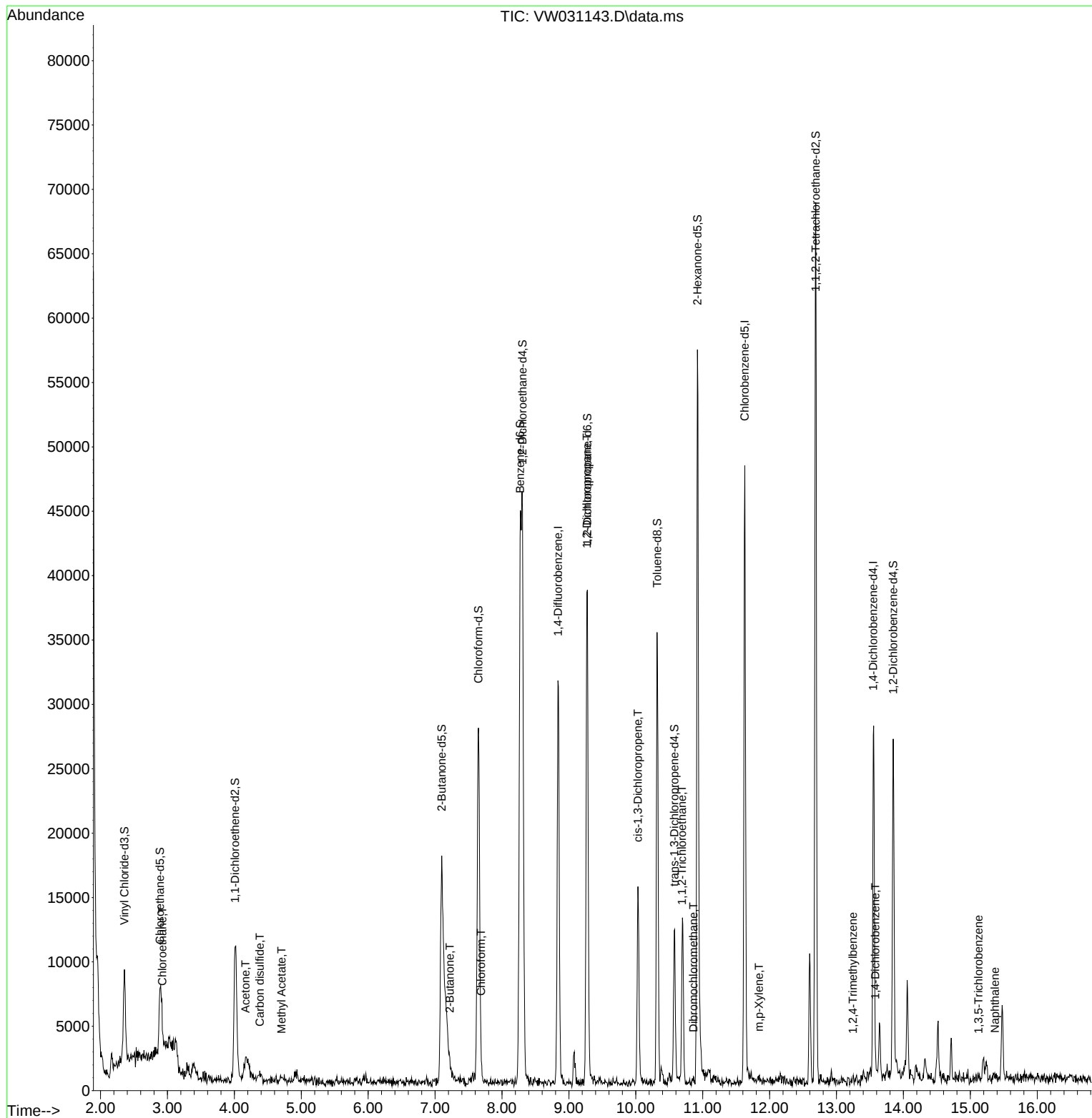
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	25038	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	24956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	6502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	8102	21.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	2.887	69	7707	25.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.120%
11) 1,1-Dichloroethene-d2	4.009	65	2074	11.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.200%
21) 2-Butanone-d5	7.100	46	34569	513.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1026.000%#
24) Chloroform-d	7.648	84	29597	40.360	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	161.440%#
26) 1,2-Dichloroethane-d4	8.307	65	33481	92.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	371.120%#
32) Benzene-d6	8.270	84	41935	27.340	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.360%
36) 1,2-Dichloropropane-d6	9.276	67	18274	40.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	162.680%#
41) Toluene-d8	10.319	98	23203	16.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.040%
43) trans-1,3-Dichloroprop...	10.575	79	6943	38.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	153.520%#
47) 2-Hexanone-d5	10.922	63	17374	330.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	660.120%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	35145	115.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	463.600%#
66) 1,2-Dichlorobenzene-d4	13.848	152	6356	27.522	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.080%
Target Compounds						
					Qvalue	
8) Chloroethane	2.924	64	104	0.388	ug/L #	1
13) Acetone	4.167	43	637	5.251	ug/L	81
14) Carbon disulfide	4.381	76	1185	1.016	ug/L #	67
15) Methyl Acetate	4.704	43	275	2.160	ug/L #	49
22) 2-Butanone	7.222	43	691	6.061	ug/L	86
25) Chloroform	7.685	83	296	0.409	ug/L	84
37) 1,2-Dichloropropane	9.270	63	2277	5.424	ug/L #	85
39) cis-1,3-Dichloropropene	10.032	75	627	0.989	ug/L	98
45) 1,1,2-Trichloroethane	10.690	97	112	0.388	ug/L #	17
49) Dibromochloromethane	10.861	129	134	0.422	ug/L #	13
53) m,p-Xylene	11.843	106	209	0.279	ug/L	68
63) 1,2,4-Trimethylbenzene	13.245	105	294	0.362	ug/L #	32
65) 1,4-Dichlorobenzene	13.580	146	292	0.632	ug/L #	56
69) 1,3,5-Trichlorobenzene	15.123	180	128	0.412	ug/L #	27
71) Naphthalene	15.366	128	660	1.680	ug/L #	69

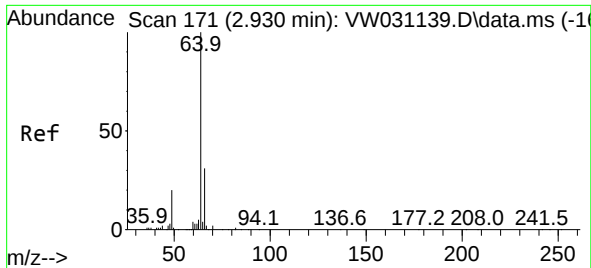
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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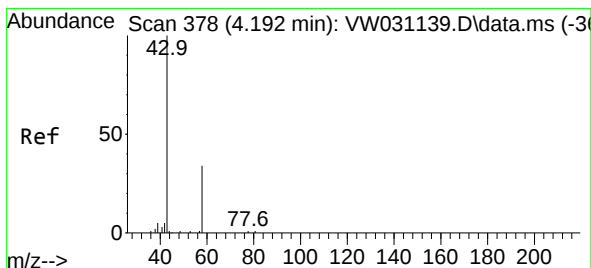
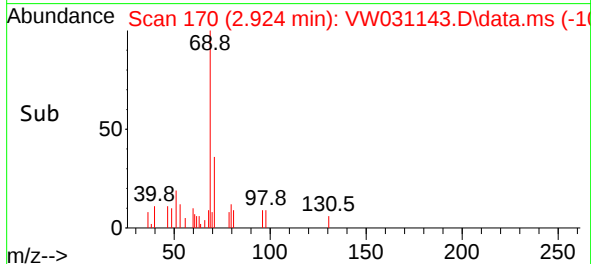
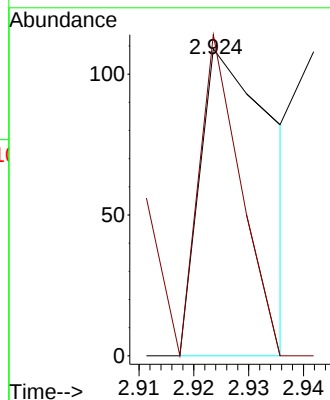
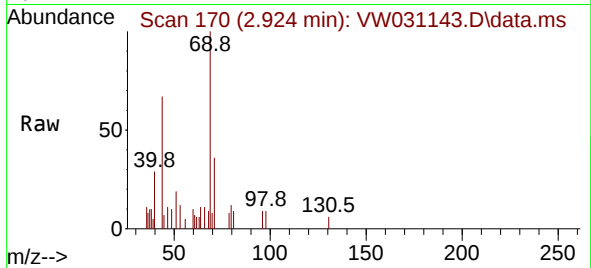




#8
Chloroethane
Concen: 0.388 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031143.D
Acq: 06 Dec 2024 12:12

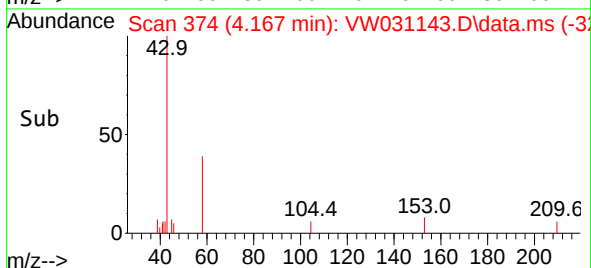
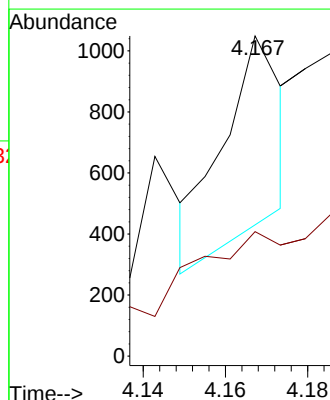
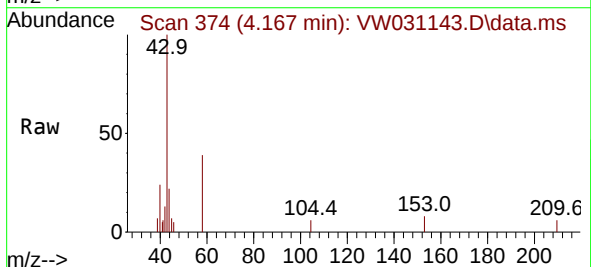
Instrument :
MSVOA_W
ClientSampleId :

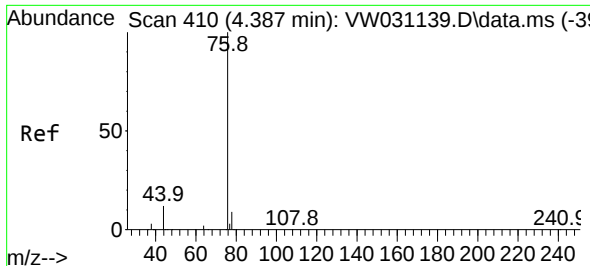
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 104.6 23.2 43.2#



#13
Acetone
Concen: 5.251 ug/L
RT: 4.167 min Scan# 374
Delta R.T. -0.024 min
Lab File: VW031143.D
Acq: 06 Dec 2024 12:12

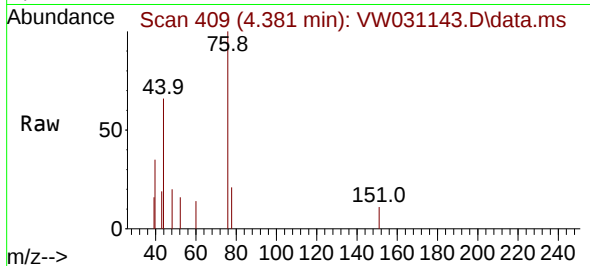
Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 44.3 0.0 67.2



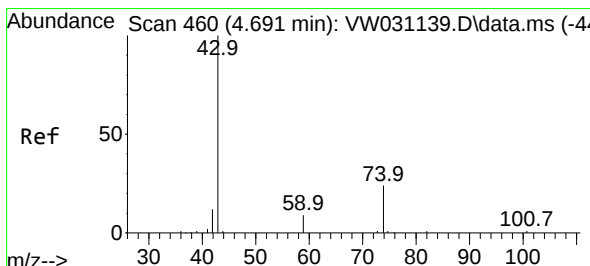
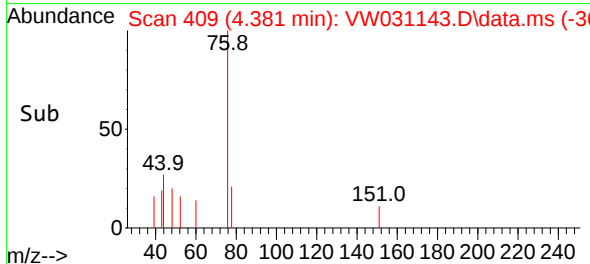
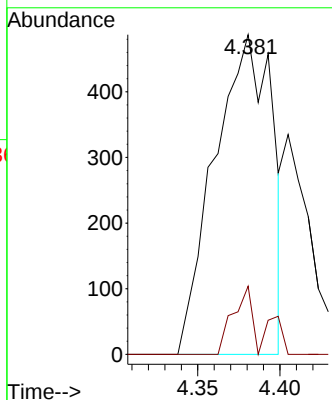


#14
Carbon disulfide
Concen: 1.016 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031143.D
Acq: 06 Dec 2024 12:12

Instrument :
MSVOA_W
ClientSampleId :

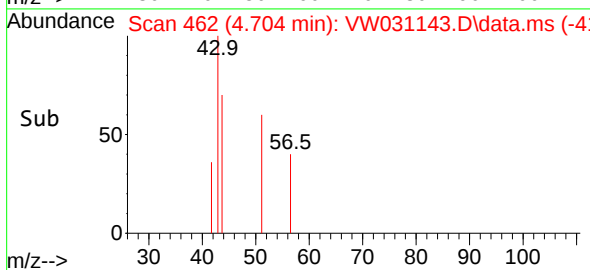
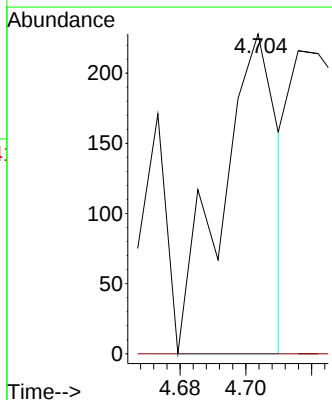
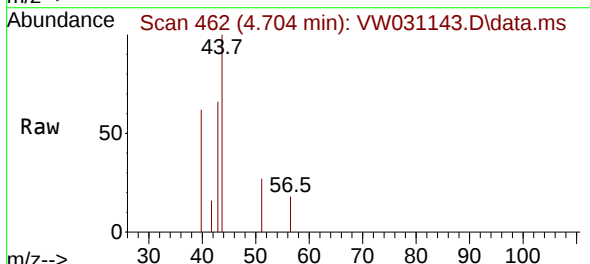


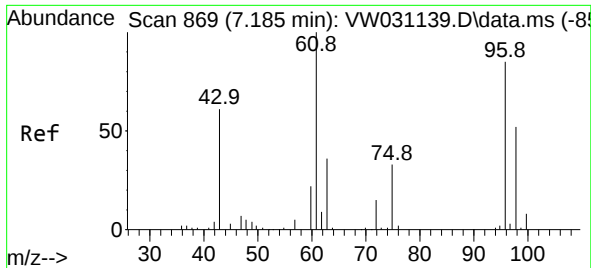
Tgt Ion: 76 Resp: 1185
Ion Ratio Lower Upper
76 100
78 21.4 7.4 11.2#



#15
Methyl Acetate
Concen: 2.160 ug/L
RT: 4.704 min Scan# 462
Delta R.T. 0.012 min
Lab File: VW031143.D
Acq: 06 Dec 2024 12:12

Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

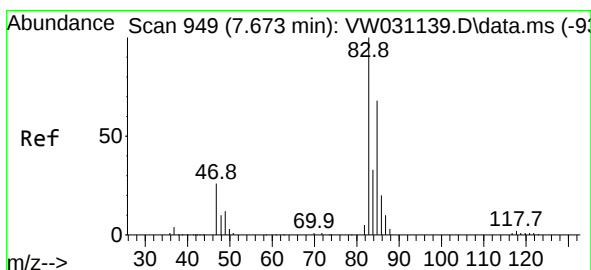
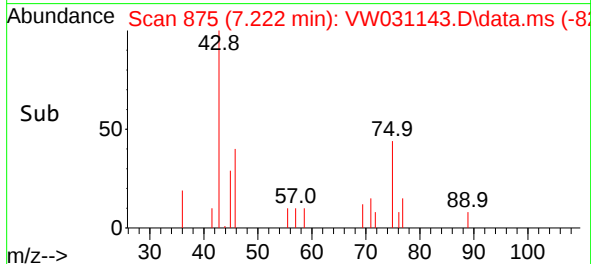
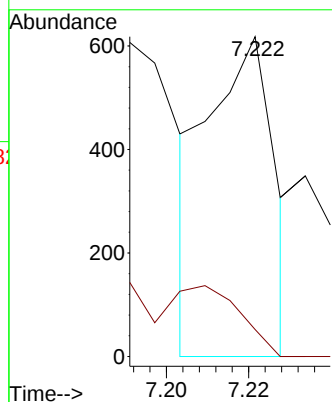
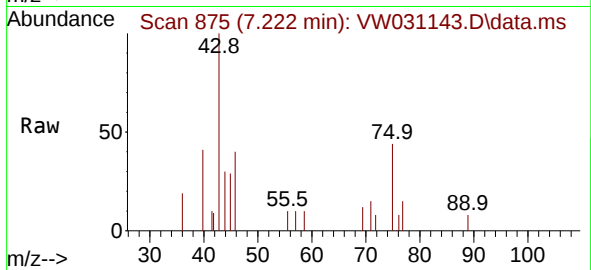




#22
2-Butanone
Concen: 6.061 ug/L
RT: 7.222 min Scan# 81
Delta R.T. 0.037 min
Lab File: VW031143.D
Acq: 06 Dec 2024 12:12

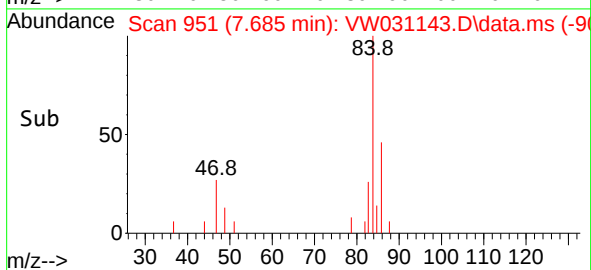
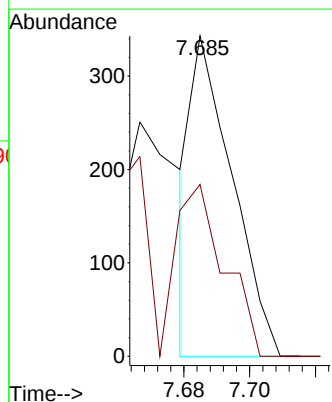
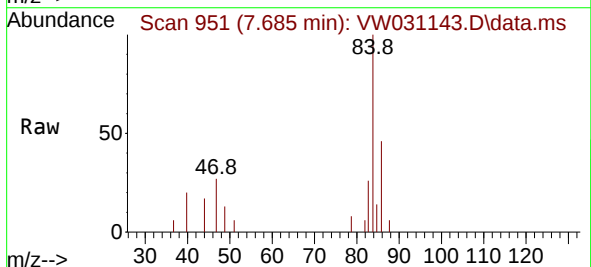
Instrument :
MSVOA_W
ClientSampleId :

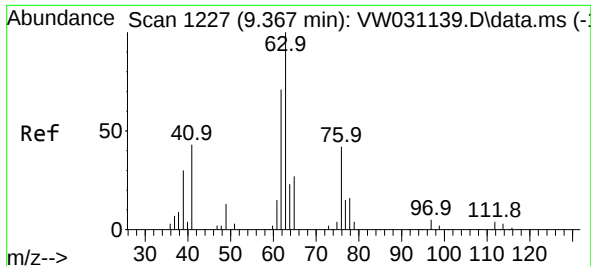
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
72 22.4 14.9 44.7



#25
Chloroform
Concen: 0.409 ug/L
RT: 7.685 min Scan# 951
Delta R.T. 0.012 min
Lab File: VW031143.D
Acq: 06 Dec 2024 12:12

Tgt Ion: 83 Resp: 296
Ion Ratio Lower Upper
83 100
85 53.6 46.5 86.3





#37

1,2-Dichloropropane

Concen: 5.424 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW031143.D

Acq: 06 Dec 2024 12:12

Instrument :

MSVOA_W

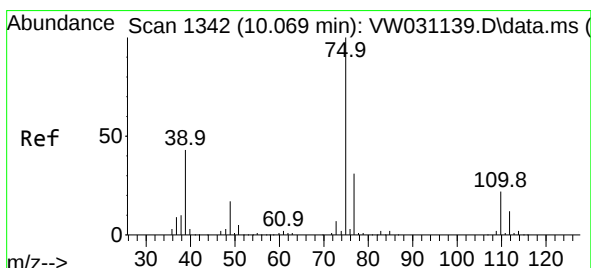
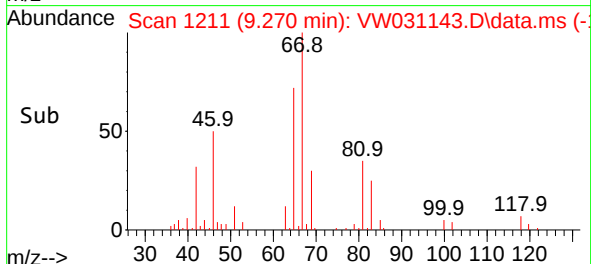
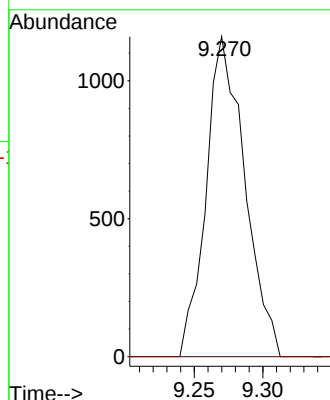
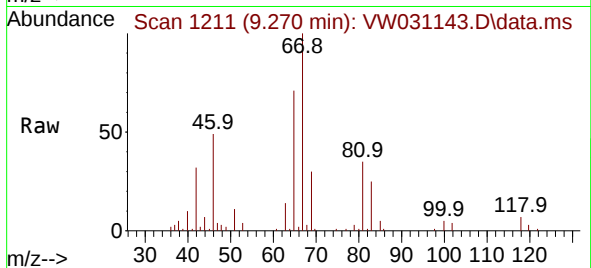
ClientSampleId :

Tgt Ion: 63 Resp: 2277

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.989 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW031143.D

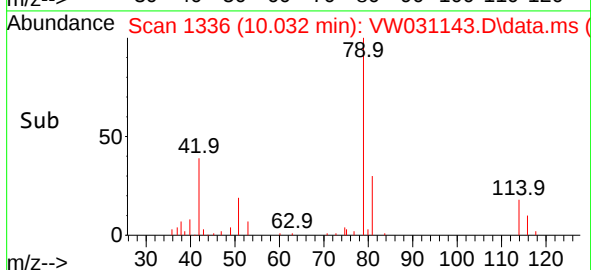
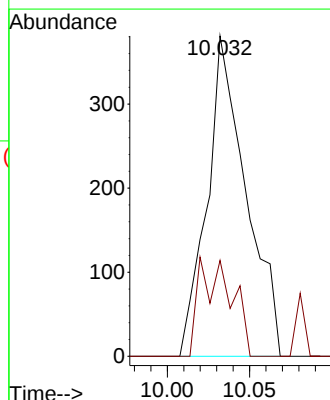
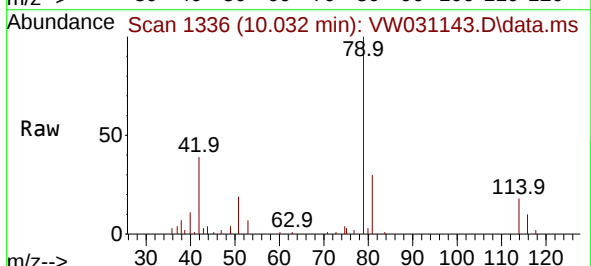
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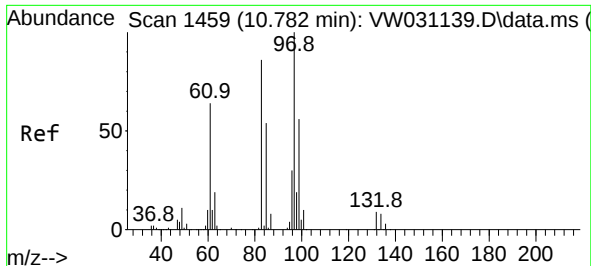
Tgt Ion: 75 Resp: 627

Ion Ratio Lower Upper

75 100

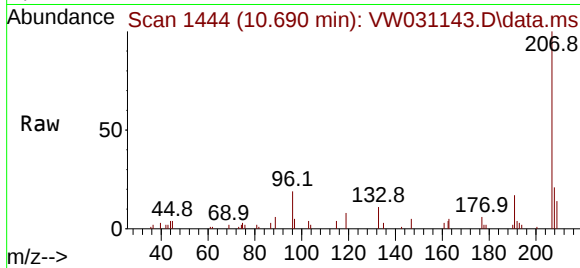
77 29.9 21.6 40.2



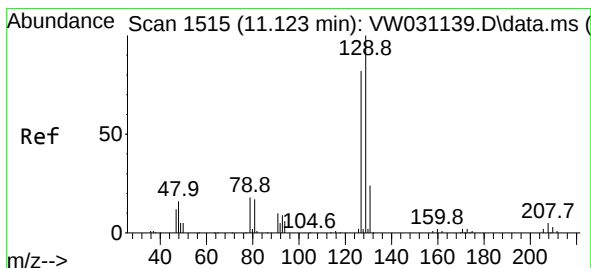
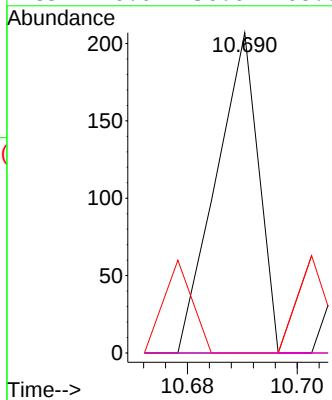
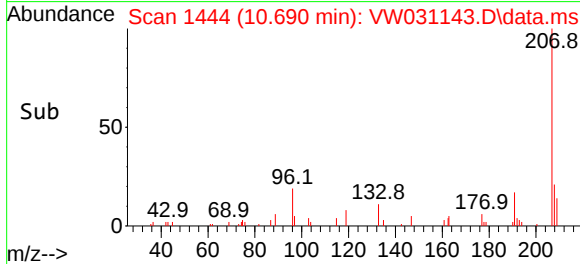


#45
1,1,2-Trichloroethane
Concen: 0.388 ug/L
RT: 10.690 min Scan# 1459
Delta R.T. -0.091 min
Lab File: VW031143.D
Acq: 06 Dec 2024 12:12

Instrument :
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ClientSampleId :

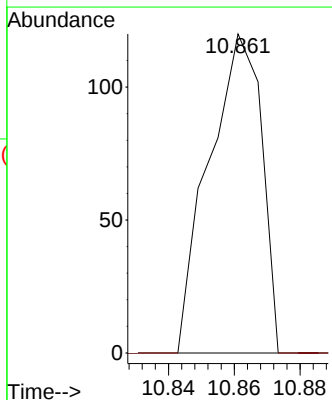
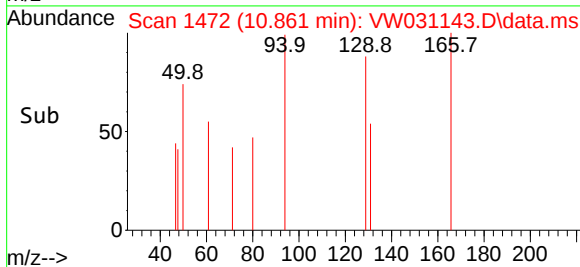
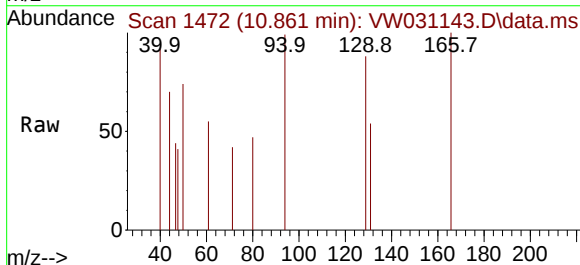


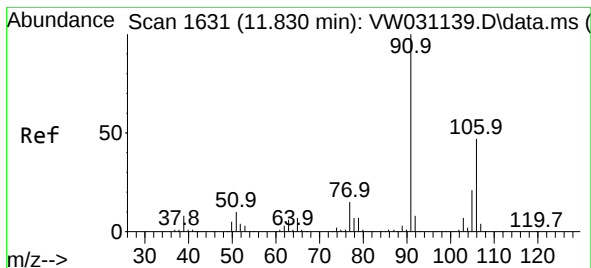
Tgt Ion: 97	Resp: 112
Ion Ratio	Lower Upper
97	100
99	0.0 42.4 78.8#
83	0.0 57.8 107.4#
85	0.0 36.6 68.0#



#49
Dibromochloromethane
Concen: 0.422 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.262 min
Lab File: VW031143.D
Acq: 06 Dec 2024 12:12

Tgt Ion: 129	Resp: 134
Ion Ratio	Lower Upper
129	100
127	0.0 51.4 95.4#





#53

m,p-Xylene

Concen: 0.279 ug/L

RT: 11.843 min Scan# 1

Delta R.T. 0.012 min

Lab File: VW031143.D

Acq: 06 Dec 2024 12:12

Instrument :

MSVOA_W

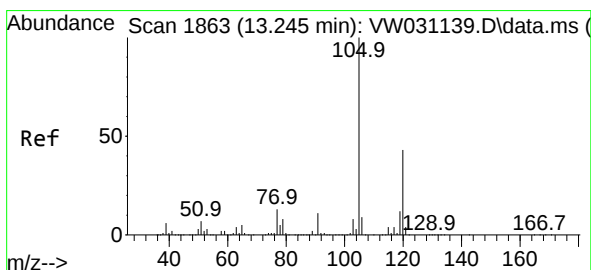
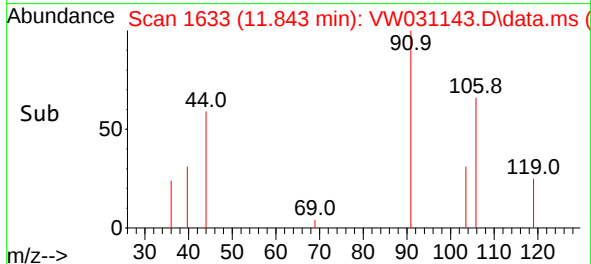
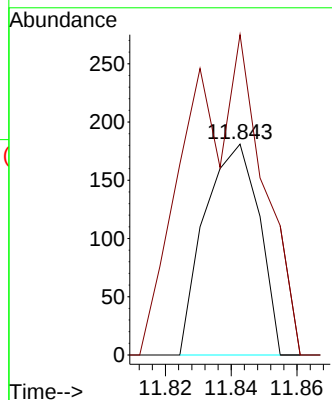
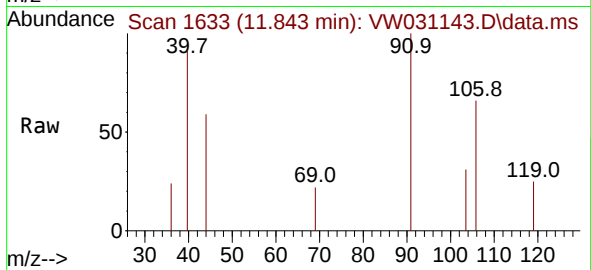
ClientSampleId :

Tgt Ion:106 Resp: 209

Ion Ratio Lower Upper

106 100

91 151.9 140.9 261.7



#63

1,2,4-Trimethylbenzene

Concen: 0.362 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031143.D

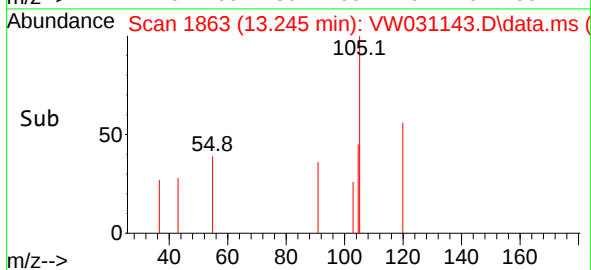
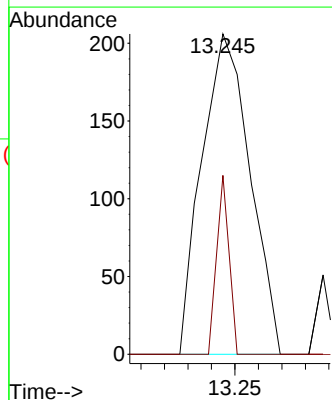
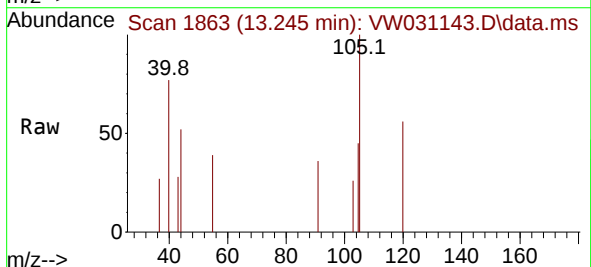
Acq: 06 Dec 2024 12:12

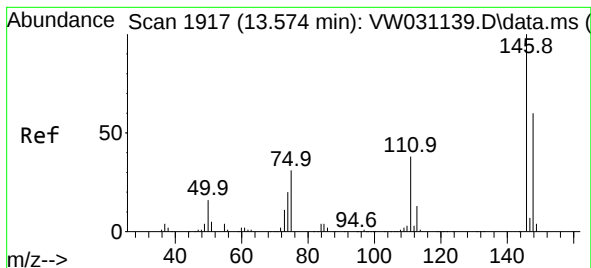
Tgt Ion:105 Resp: 294

Ion Ratio Lower Upper

105 100

120 0.0 35.4 53.0#





#65

1,4-Dichlorobenzene

Concen: 0.632 ug/L

RT: 13.580 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VW031143.D

Acq: 06 Dec 2024 12:12

Instrument :

MSVOA_W

ClientSampleId :

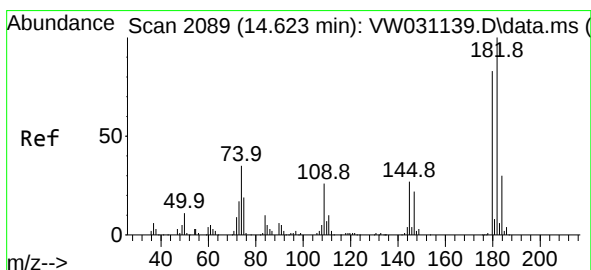
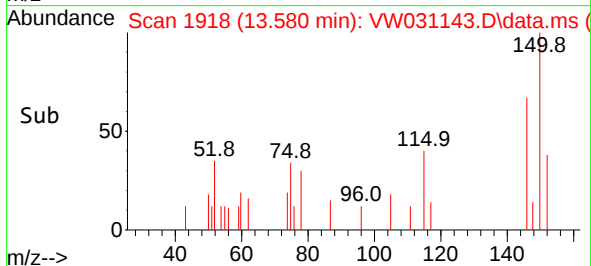
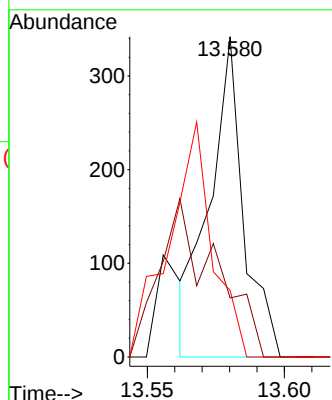
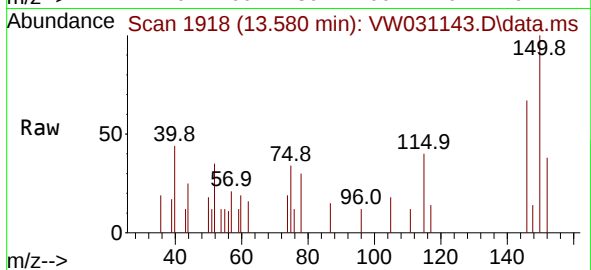
Tgt Ion:146 Resp: 292

Ion Ratio Lower Upper

146 100

111 18.4 26.6 49.4#

148 20.8 42.1 78.1#



#69

1,3,5-Trichlorobenzene

Concen: 0.412 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.500 min

Lab File: VW031143.D

Acq: 06 Dec 2024 12:12

Tgt Ion:180 Resp: 128

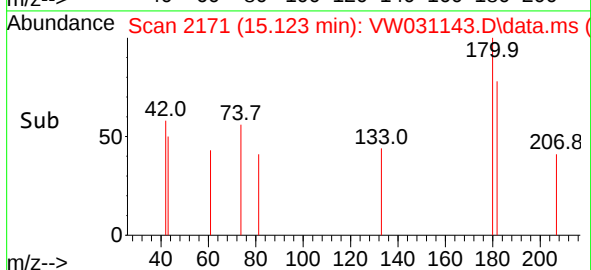
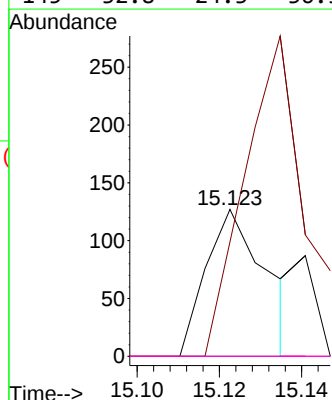
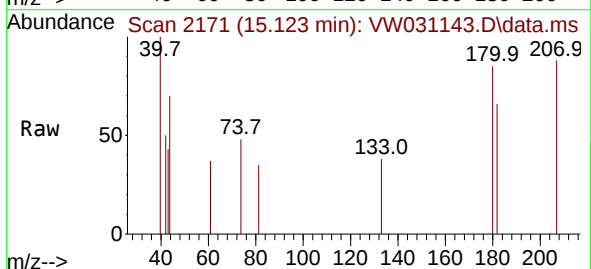
Ion Ratio Lower Upper

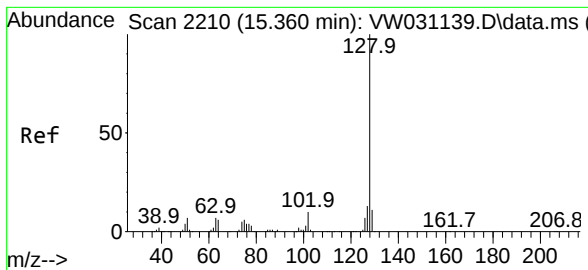
180 100

182 0.0 78.2 117.2#

184 0.0 24.0 36.0#

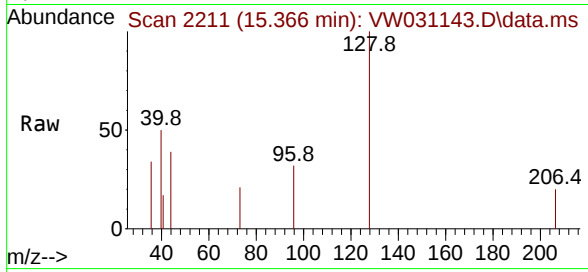
145 32.8 24.3 36.5





#71
 Naphthalene
 Concen: 1.680 ug/L
 RT: 15.366 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031143.D
 Acq: 06 Dec 2024 12:12

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	128	Resp:	660
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.4	15.6#
129	0.0	8.3	12.5#

