

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031142.D
 Acq On : 06 Dec 2024 11:49
 Operator : SY/MD
 Sample : P5066-08
 Misc : 5.38g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 23:37:42 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)

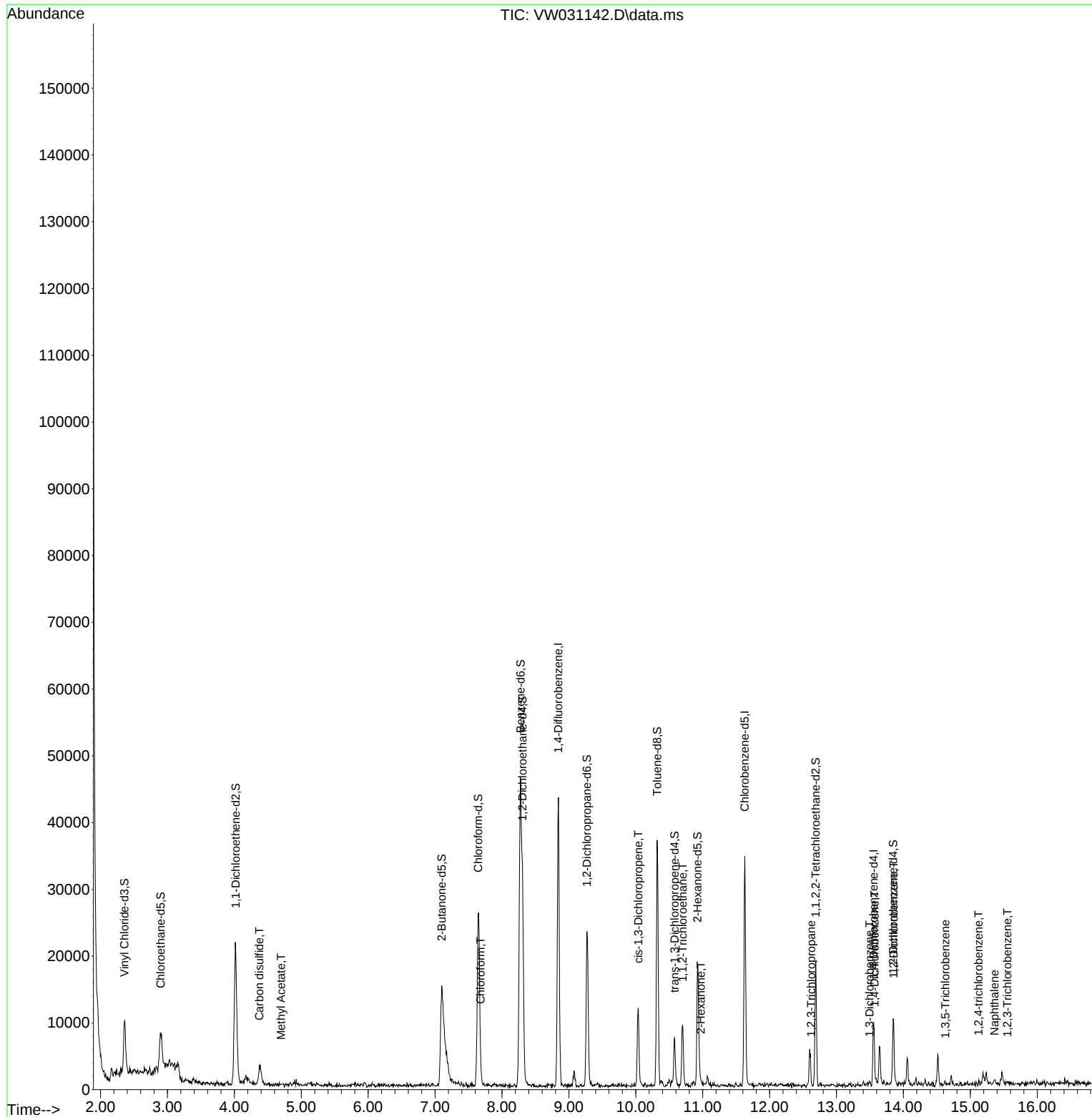
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	32862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	17349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	2446	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	9917	19.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.440%
7) Chloroethane-d5	2.899	69	9164	23.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.440%
11) 1,1-Dichloroethene-d2	4.021	65	6343	27.491	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.960%
21) 2-Butanone-d5	7.100	46	30641	346.449	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	692.900%#
24) Chloroform-d	7.642	84	27663	28.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.960%
26) 1,2-Dichloroethane-d4	8.307	65	23402	49.412	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	197.640%#
32) Benzene-d6	8.276	84	45373	42.552	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	170.200%#
36) 1,2-Dichloropropane-d6	9.270	67	11165	35.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.000%#
41) Toluene-d8	10.319	98	24130	25.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.320%
43) trans-1,3-Dichloroprop...	10.581	79	4082	32.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.840%
47) 2-Hexanone-d5	10.922	63	5847	159.780	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	319.560%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9328	44.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	177.000%#
66) 1,2-Dichlorobenzene-d4	13.848	152	2372	27.302	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
14) Carbon disulfide	4.375	76	2945	1.924	ug/L	96
15) Methyl Acetate	4.698	43	145	0.868	ug/L #	49
25) Chloroform	7.679	83	481	0.507	ug/L #	1
39) cis-1,3-Dichloropropene	10.038	75	343	0.778	ug/L	87
45) 1,1,2-Trichloroethane	10.703	97	96	0.479	ug/L #	17
48) 2-Hexanone	10.971	43	160	1.353	ug/L #	34
61) 1,2,3-Trichloropropane	12.623	75	106	2.319	ug/L #	38
64) 1,3-Dichlorobenzene	13.495	146	342	1.986	ug/L #	72
65) 1,4-Dichlorobenzene	13.568	146	422	2.426	ug/L #	63
67) 1,2-Dichlorobenzene	13.855	146	83	0.551	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.629	180	75	0.641	ug/L #	18
70) 1,2,4-trichlorobenzene	15.123	180	165	1.798	ug/L #	72
71) Naphthalene	15.360	128	500	3.383	ug/L #	69
72) 1,2,3-Trichlorobenzene	15.555	180	64	0.815	ug/L #	76

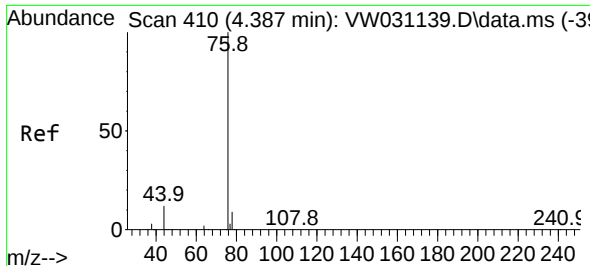
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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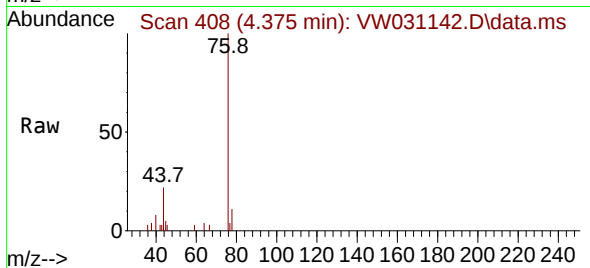
Quant Time: Dec 06 23:37:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
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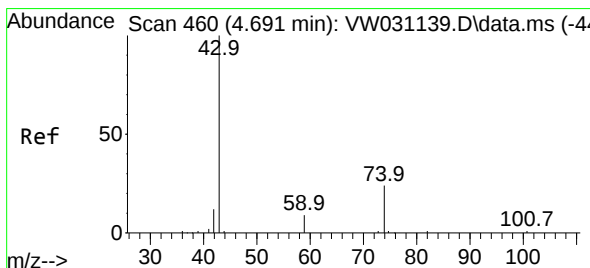
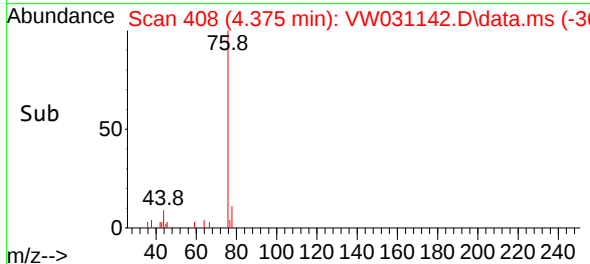
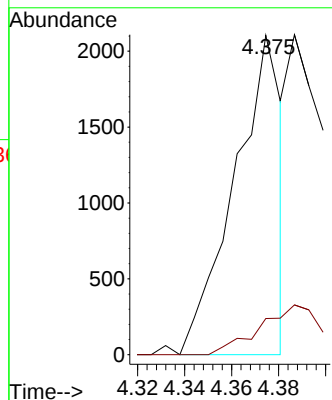


#14
Carbon disulfide
Concen: 1.924 ug/L
RT: 4.375 min Scan# 408
Delta R.T. -0.012 min
Lab File: VW031142.D
Acq: 06 Dec 2024 11:49

Instrument :
MSVOA_W
ClientSampleId :

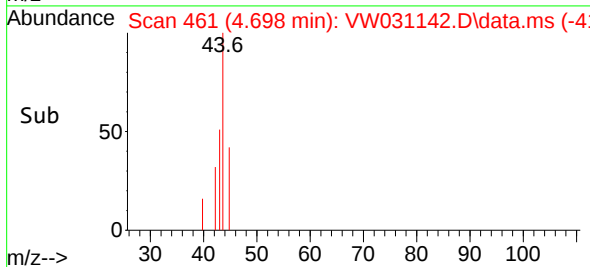
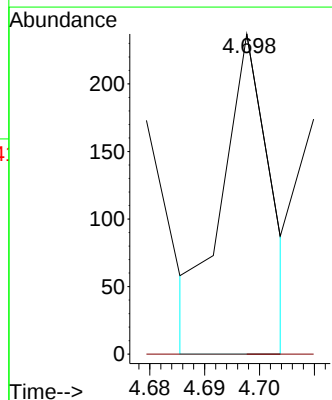
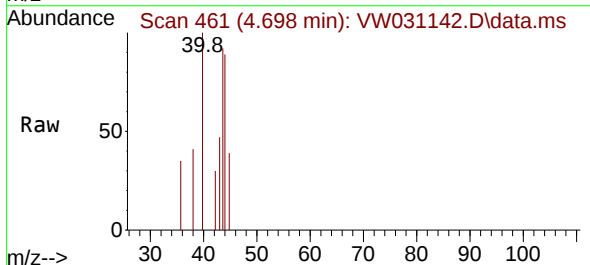


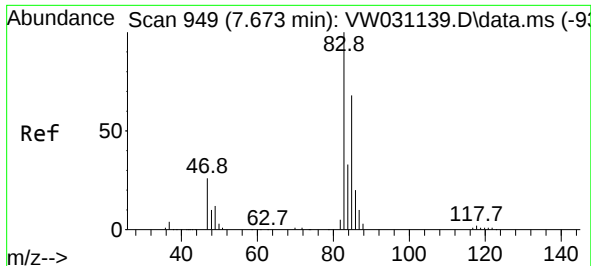
Tgt Ion: 76 Resp: 2945
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.2



#15
Methyl Acetate
Concen: 0.868 ug/L
RT: 4.698 min Scan# 461
Delta R.T. 0.006 min
Lab File: VW031142.D
Acq: 06 Dec 2024 11:49

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

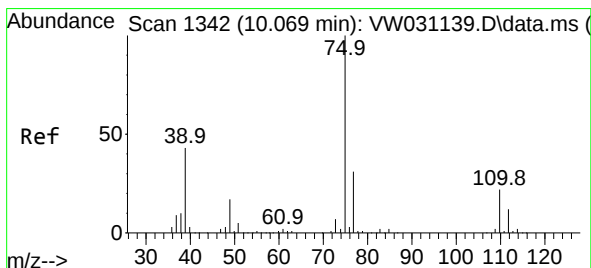
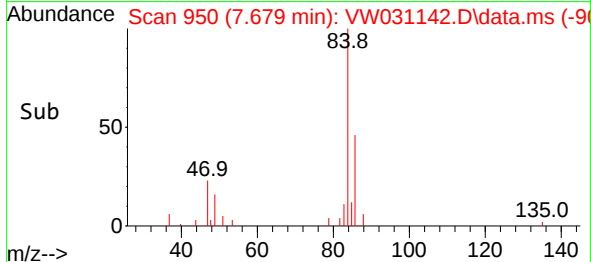
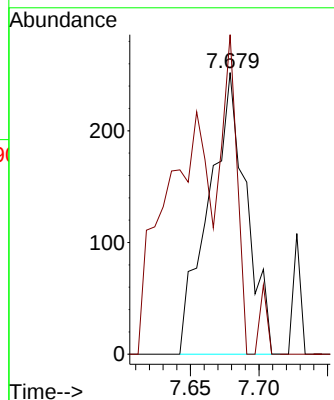
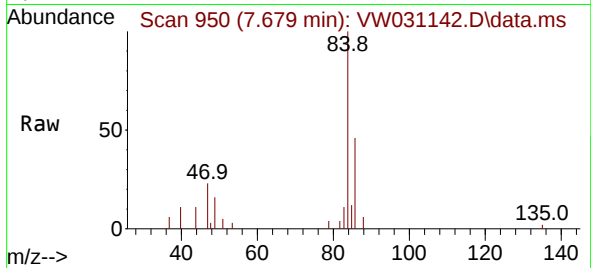




#25
Chloroform
Concen: 0.507 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031142.D
Acq: 06 Dec 2024 11:49

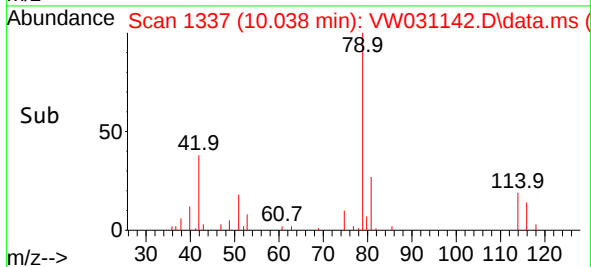
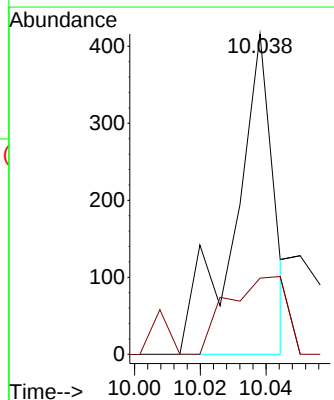
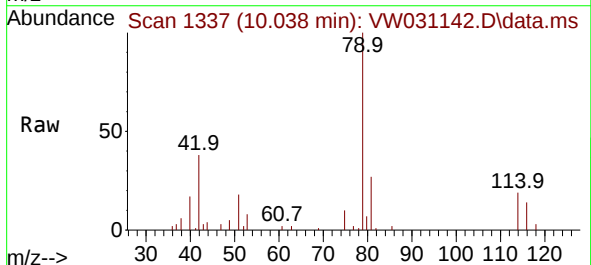
Instrument :
MSVOA_W
ClientSampleId :

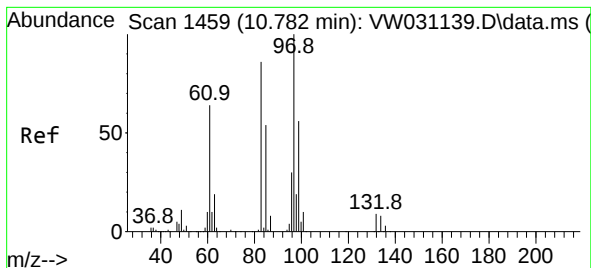
Tgt Ion: 83 Resp: 481
Ion Ratio Lower Upper
83 100
85 539.7 46.5 86.3#



#39
cis-1,3-Dichloropropene
Concen: 0.778 ug/L
RT: 10.038 min Scan# 1337
Delta R.T. -0.030 min
Lab File: VW031142.D
Acq: 06 Dec 2024 11:49

Tgt Ion: 75 Resp: 343
Ion Ratio Lower Upper
75 100
77 23.8 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 0.479 ug/L

RT: 10.703 min Scan# 14

Delta R.T. -0.079 min

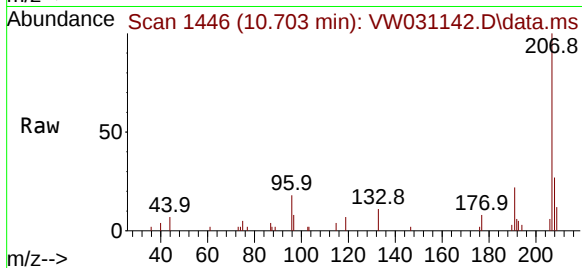
Lab File: VW031142.D

Acq: 06 Dec 2024 11:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 96

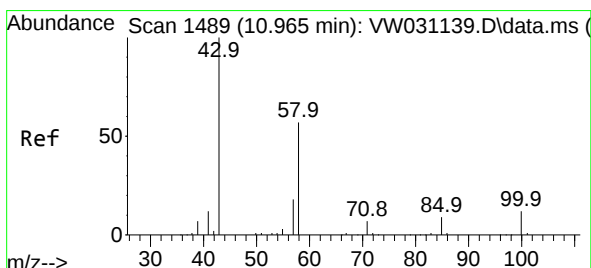
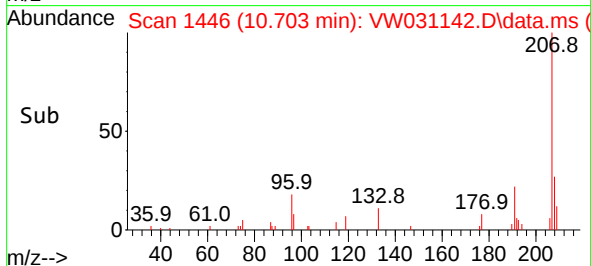
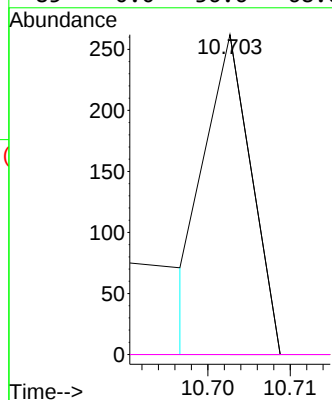
Ion Ratio Lower Upper

97 100

99 0.0 42.4 78.8#

83 0.0 57.8 107.4#

85 0.0 36.6 68.0#



#48

2-Hexanone

Concen: 1.353 ug/L

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VW031142.D

Acq: 06 Dec 2024 11:49

Tgt Ion: 43 Resp: 160

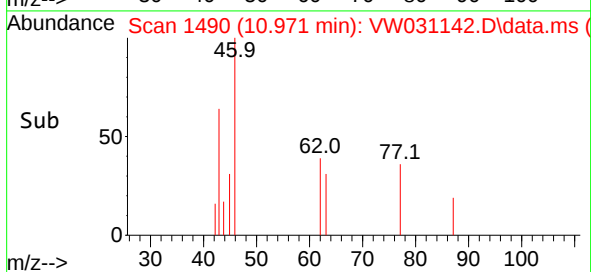
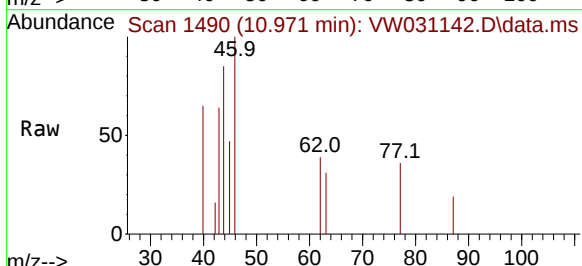
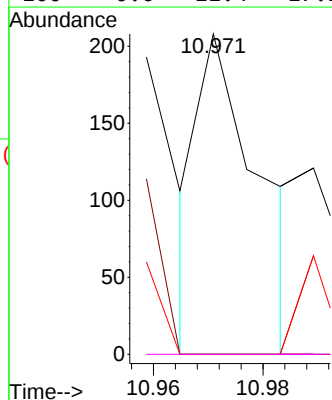
Ion Ratio Lower Upper

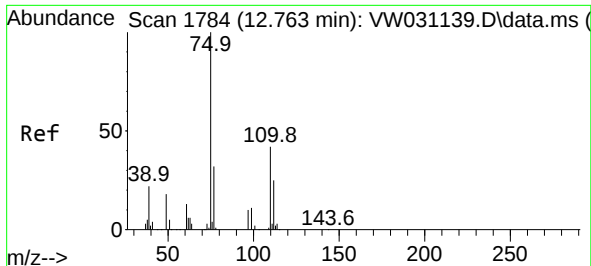
43 100

58 0.0 49.8 74.6#

57 0.0 16.6 24.8#

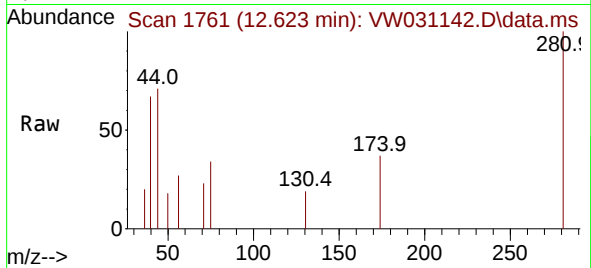
100 0.0 11.4 17.2#



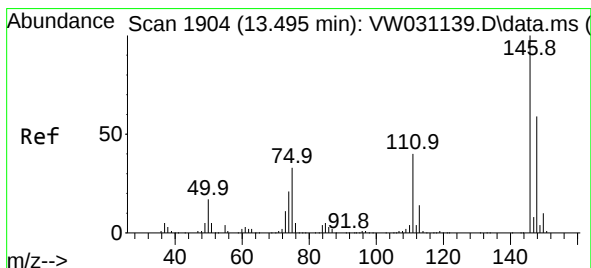
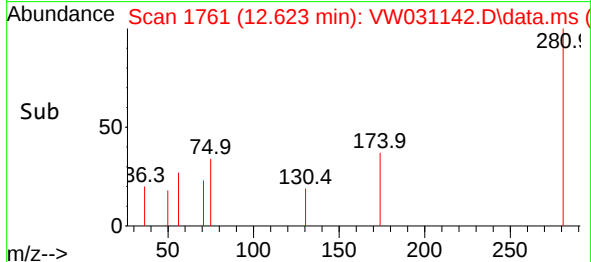
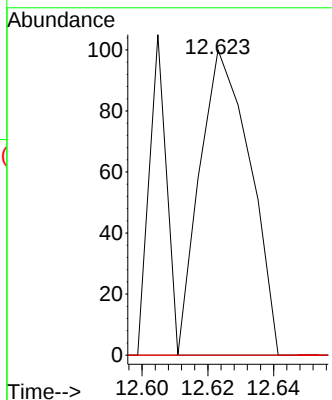


#61
1,2,3-Trichloropropane
Concen: 2.319 ug/L
RT: 12.623 min Scan# 11
Delta R.T. -0.140 min
Lab File: VW031142.D
Acq: 06 Dec 2024 11:49

Instrument :
MSVOA_W
ClientSampleId :

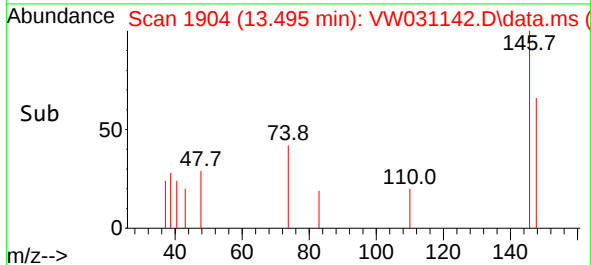
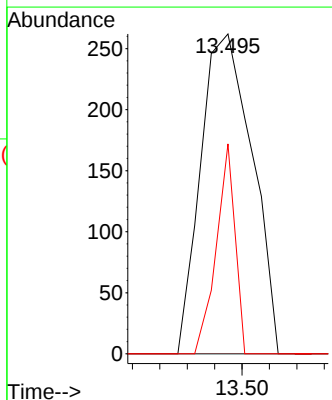
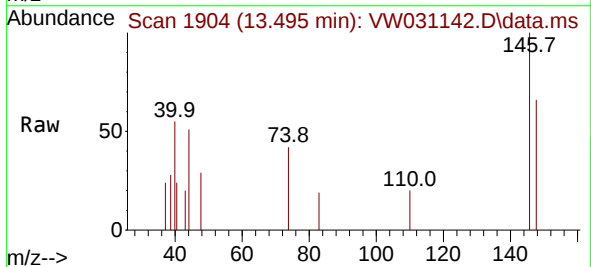


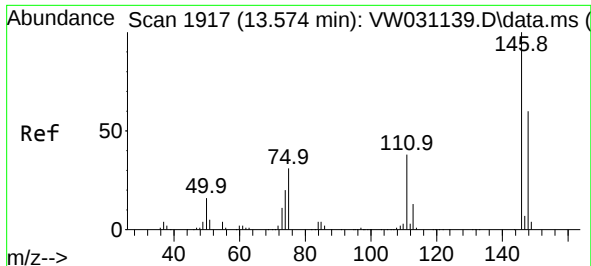
Tgt Ion: 75 Resp: 106
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#
110 0.0 33.1 49.7#



#64
1,3-Dichlorobenzene
Concen: 1.986 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031142.D
Acq: 06 Dec 2024 11:49

Tgt Ion: 146 Resp: 342
Ion Ratio Lower Upper
146 100
111 0.0 28.5 52.9#
148 65.6 44.1 81.9

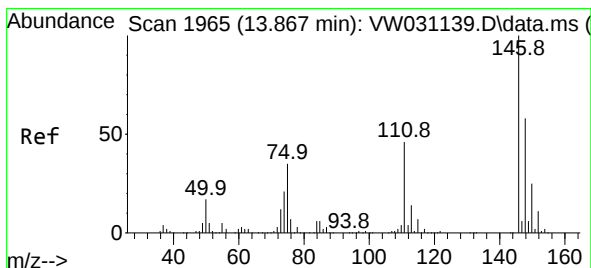
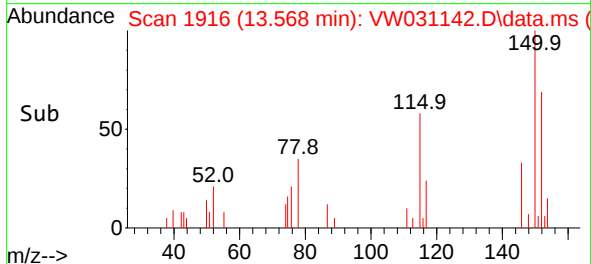
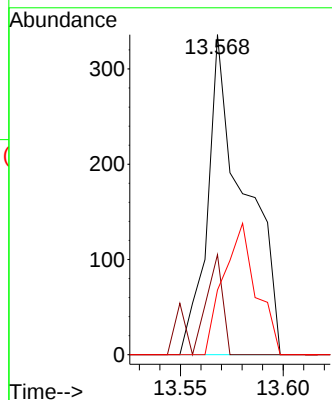
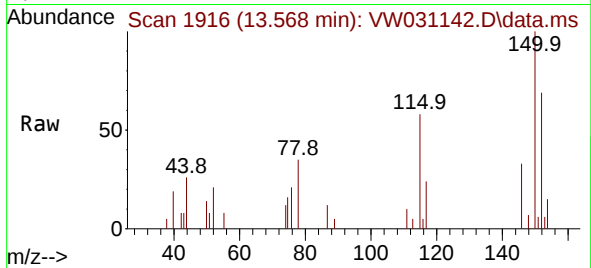




#65
1,4-Dichlorobenzene
Concen: 2.426 ug/L
RT: 13.568 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VW031142.D
Acq: 06 Dec 2024 11:49

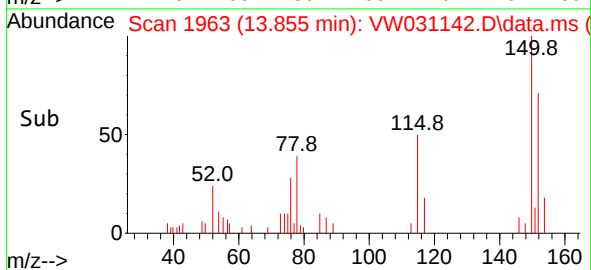
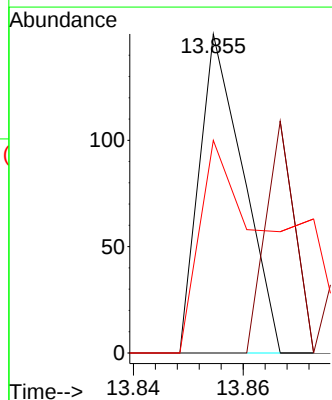
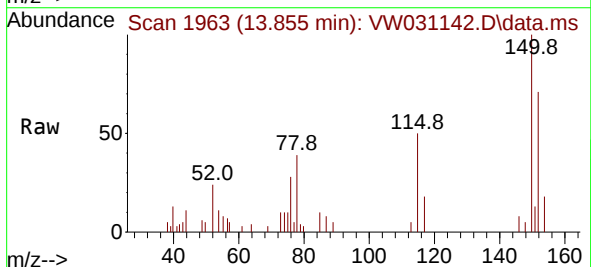
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MSVOA_W
ClientSampleId :

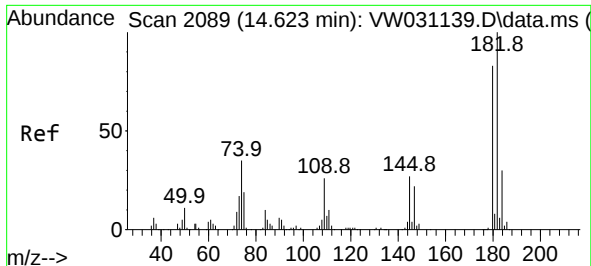
Tgt Ion:146 Resp: 422
Ion Ratio Lower Upper
146 100
111 31.3 26.6 49.4
148 20.2 42.1 78.1#



#67
1,2-Dichlorobenzene
Concen: 0.551 ug/L
RT: 13.855 min Scan# 1963
Delta R.T. -0.012 min
Lab File: VW031142.D
Acq: 06 Dec 2024 11:49

Tgt Ion:146 Resp: 83
Ion Ratio Lower Upper
146 100
111 0.0 30.9 46.3#
148 66.7 50.0 75.0





#69

1,3,5-Trichlorobenzene

Concen: 0.641 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

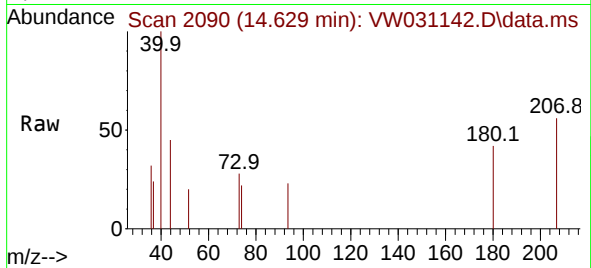
Lab File: VW031142.D

Acq: 06 Dec 2024 11:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 75

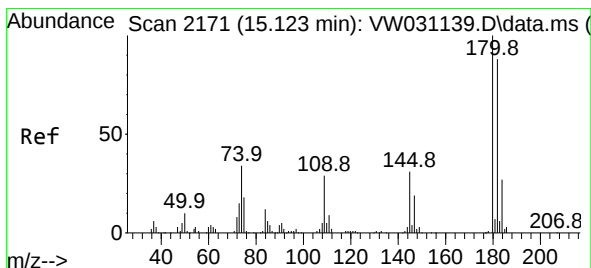
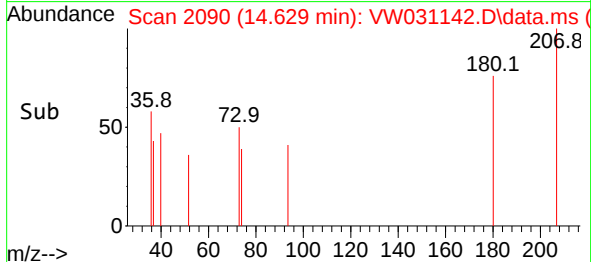
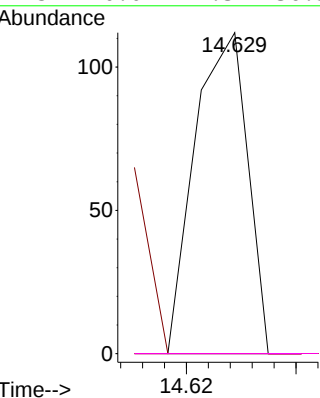
Ion Ratio Lower Upper

180 100

182 0.0 78.2 117.2#

184 0.0 24.0 36.0#

145 0.0 24.3 36.5#



#70

1,2,4-trichlorobenzene

Concen: 1.798 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031142.D

Acq: 06 Dec 2024 11:49

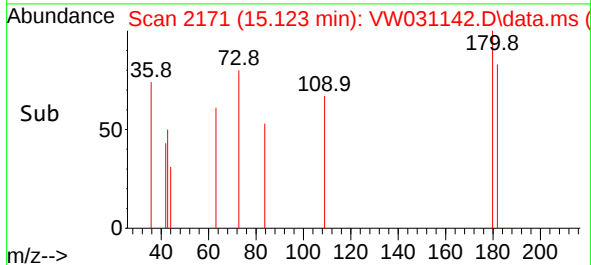
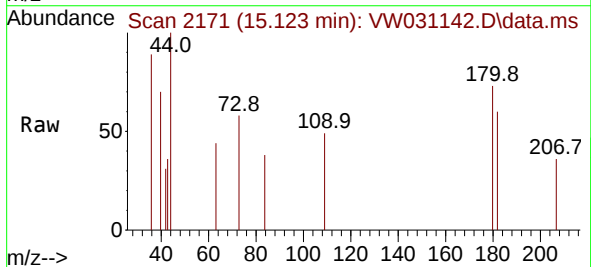
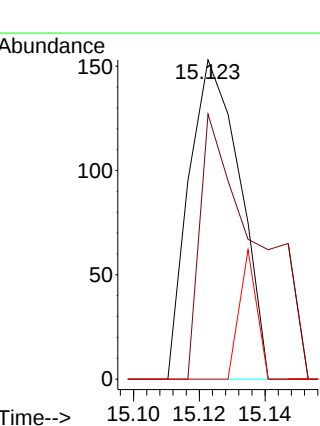
Tgt Ion:180 Resp: 165

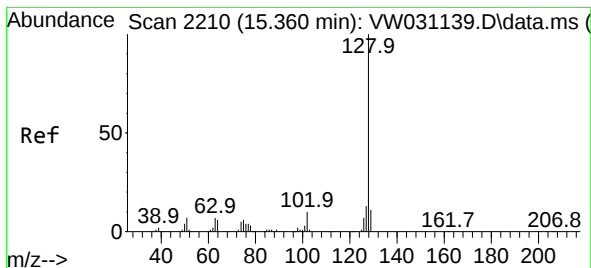
Ion Ratio Lower Upper

180 100

182 77.6 76.1 114.1

145 0.0 25.7 38.5#





#71

Naphthalene

Concen: 3.383 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031142.D

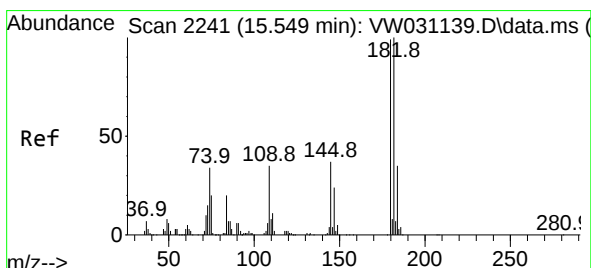
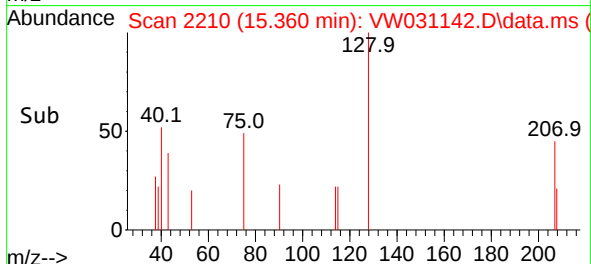
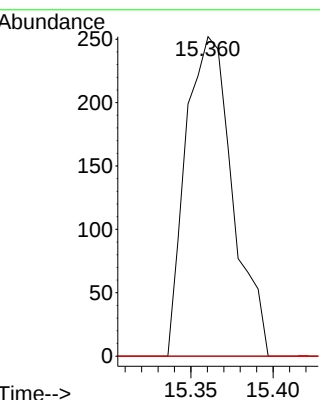
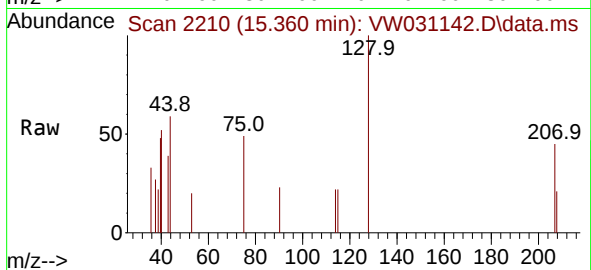
Acq: 06 Dec 2024 11:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	500
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.3	12.5#



#72

1,2,3-Trichlorobenzene

Concen: 0.815 ug/L

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW031142.D

Acq: 06 Dec 2024 11:49

Tgt Ion:	180	Resp:	64
Ion	Ratio	Lower	Upper
180	100		
182	84.4	78.7	118.1
145	64.1	26.3	39.5#

