

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102124\
 Data File : VW030688.D
 Acq On : 21 Oct 2024 18:25
 Operator : SY/MD
 Sample : P4415-16
 Misc : 5.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 22 01:37:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 22 01:33:40 2024
 Response via : Initial Calibration

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

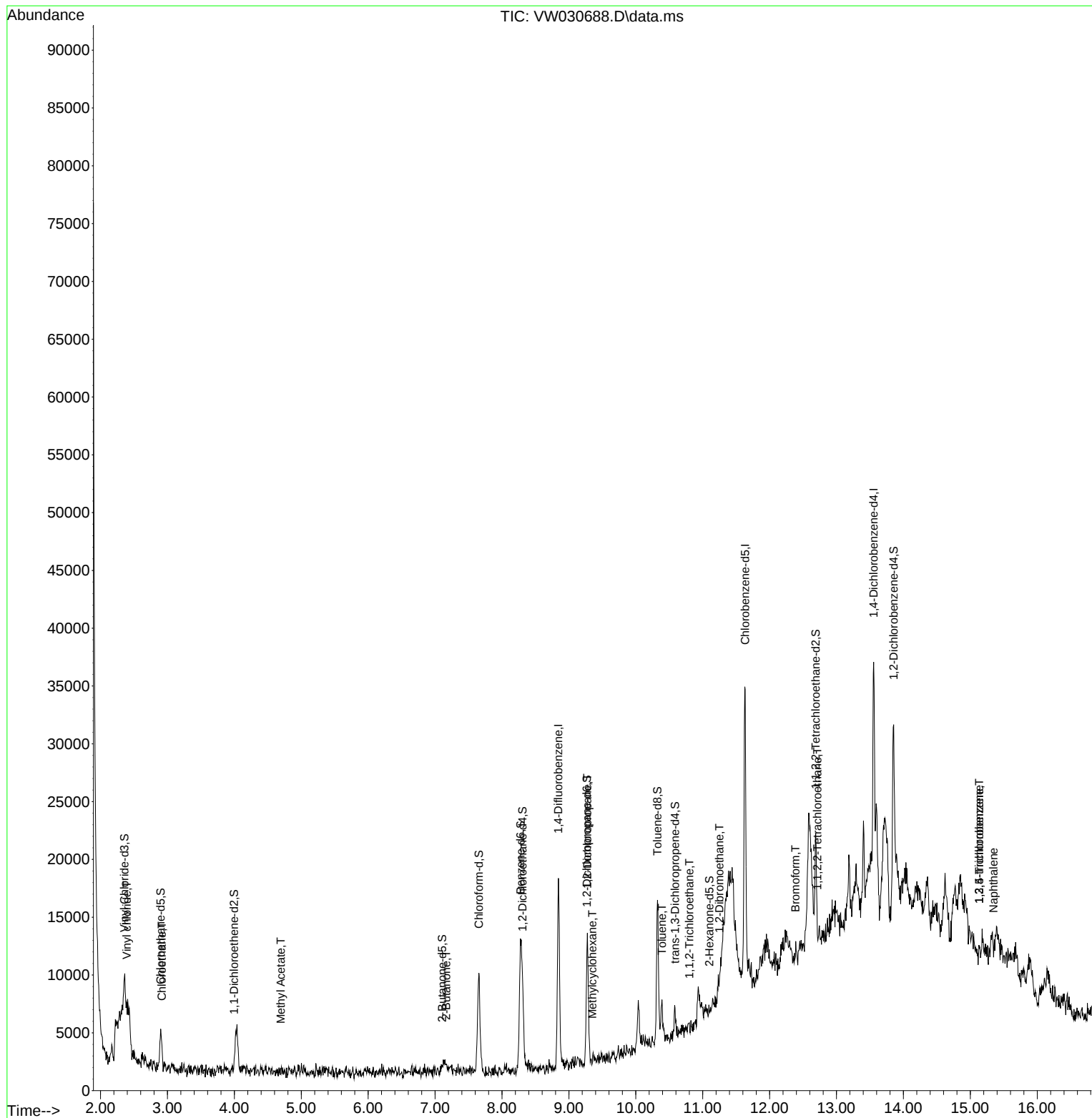
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	12281	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.635	117	13644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	4881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	3082	15.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.880%
7) Chloroethane-d5	2.899	69	3176	21.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
11) 1,1-Dichloroethene-d2	3.997	65	128	1.594	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	6.360%#
21) 2-Butanone-d5	7.106	46	213	6.131	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.260%#
24) Chloroform-d	7.654	84	8373	23.840	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	8.307	65	4746	25.987	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.960%
32) Benzene-d6	8.276	84	11379	14.369	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	57.480%
36) 1,2-Dichloropropane-d6	9.270	67	4565	19.640	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.560%
41) Toluene-d8	10.325	98	8223	11.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	45.480%
43) trans-1,3-Dichloroprop...	10.587	79	1772	18.207	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.840%
47) 2-Hexanone-d5	11.099	63	52	1.737	ug/L	0.18
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.480%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	3852	22.567	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.280%
66) 1,2-Dichlorobenzene-d4	13.855	152	3689	22.337	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.360%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.393	62	128	0.571	ug/L #	20
8) Chloroethane	2.918	64	80	0.584	ug/L #	43
15) Methyl Acetate	4.692	43	65	1.035	ug/L #	51
22) 2-Butanone	7.167	43	205	3.739	ug/L	84
35) Methylcyclohexane	9.349	83	115	0.296	ug/L #	36
37) 1,2-Dichloropropane	9.276	63	800	3.608	ug/L	98
42) Toluene	10.392	91	2337	2.467	ug/L	97
45) 1,1,2-Trichloroethane	10.800	97	164	1.023	ug/L #	73
50) 1,2-Dibromoethane	11.251	107	148	0.990	ug/L #	78
57) 1,1,2,2-Tetrachloroethane	12.715	83	152	0.841	ug/L #	69
59) Bromoform	12.385	173	54	0.787	ug/L #	1
69) 1,3,5-Trichlorobenzene	15.135	180	86	0.396	ug/L #	8
70) 1,2,4-trichlorobenzene	15.135	180	86	0.492	ug/L #	2
71) Naphthalene	15.348	128	135	0.447	ug/L #	31

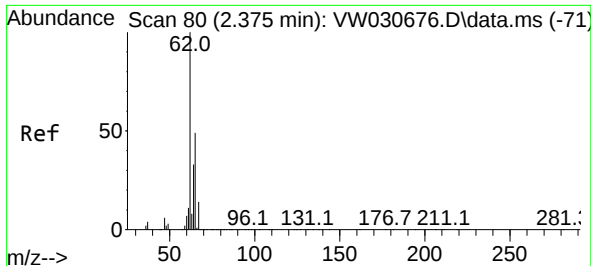
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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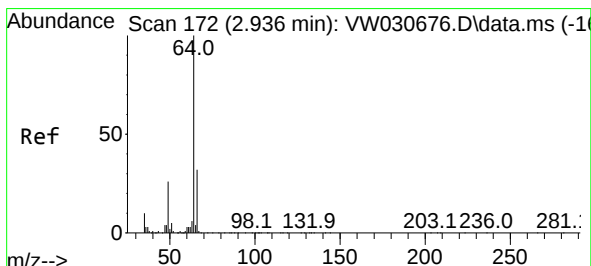
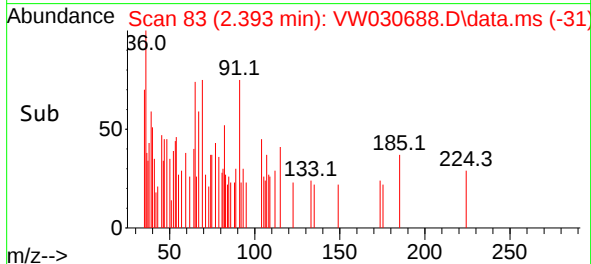
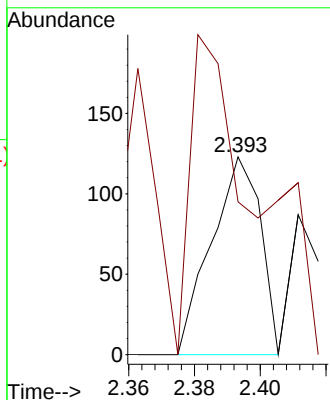
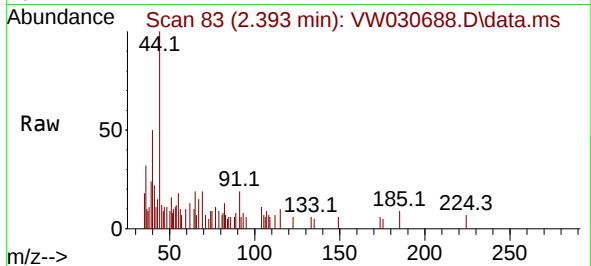




#5
 Vinyl chloride
 Concen: 0.571 ug/L
 RT: 2.393 min Scan# 81
 Delta R.T. 0.018 min
 Lab File: VW030688.D
 Acq: 21 Oct 2024 18:25

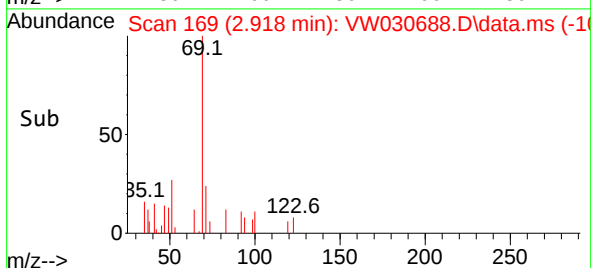
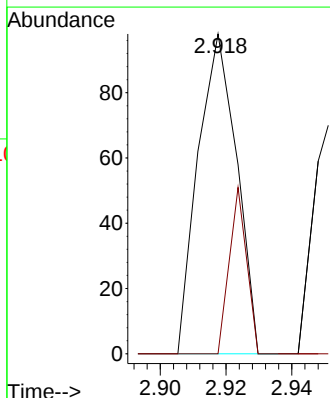
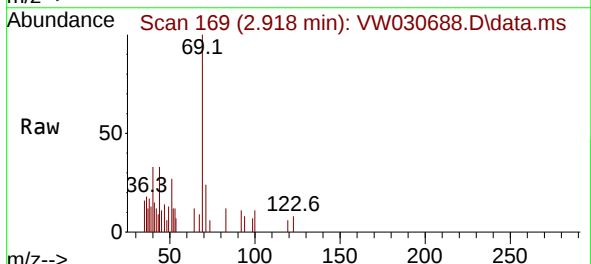
Instrument :
 MSVOA_W
 ClientSampleId :

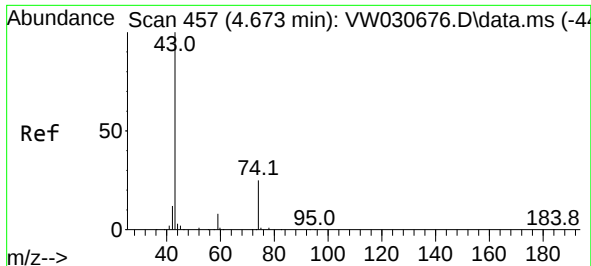
Tgt Ion: 62 Resp: 128
 Ion Ratio Lower Upper
 62 100
 64 77.2 22.6 42.0#



#8
 Chloroethane
 Concen: 0.584 ug/L
 RT: 2.918 min Scan# 169
 Delta R.T. -0.018 min
 Lab File: VW030688.D
 Acq: 21 Oct 2024 18:25

Tgt Ion: 64 Resp: 80
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#

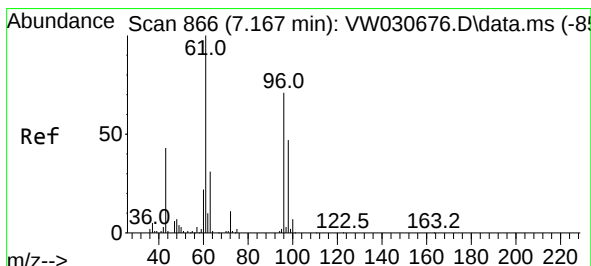
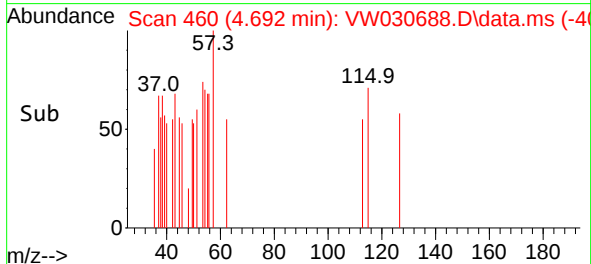
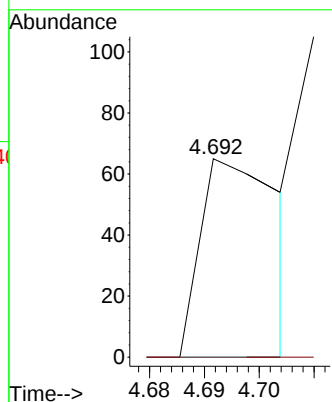
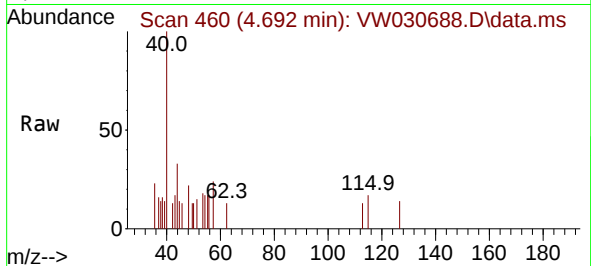




#15
Methyl Acetate
Concen: 1.035 ug/L
RT: 4.692 min Scan# 410
Delta R.T. 0.018 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

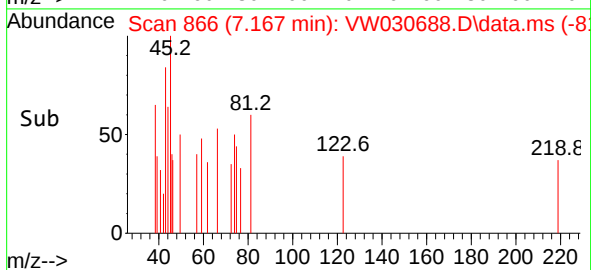
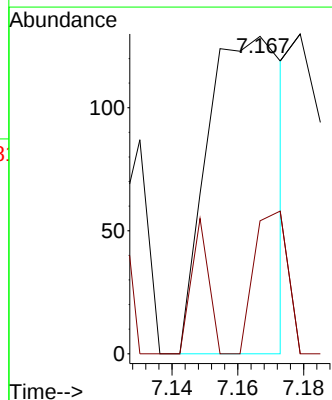
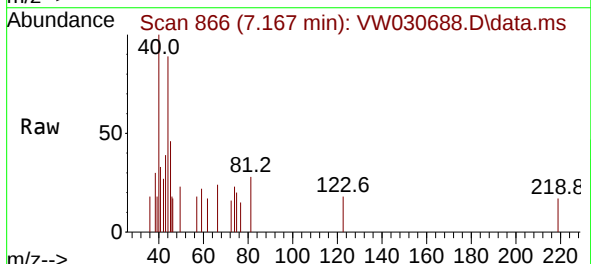
Instrument :
MSVOA_W
ClientSampleId :

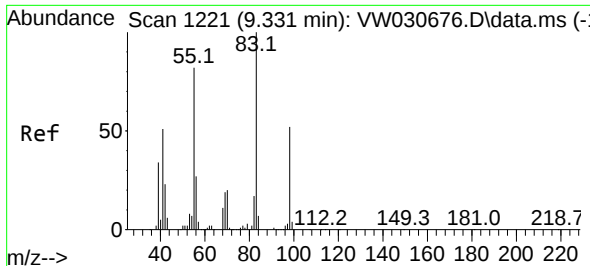
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#22
2-Butanone
Concen: 3.739 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

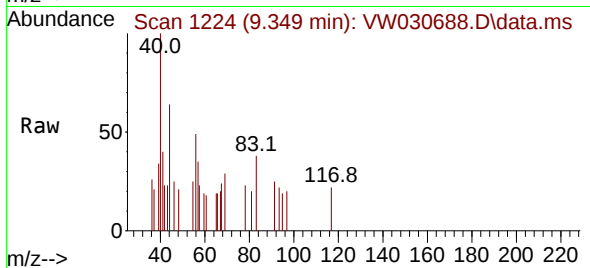
Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
72 20.0 14.4 43.0



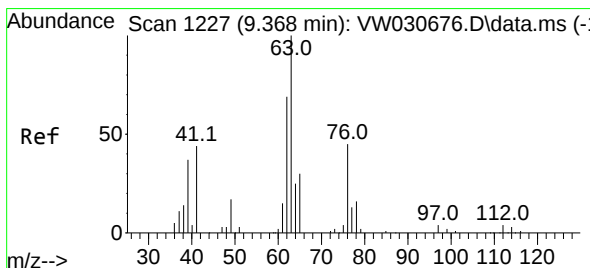
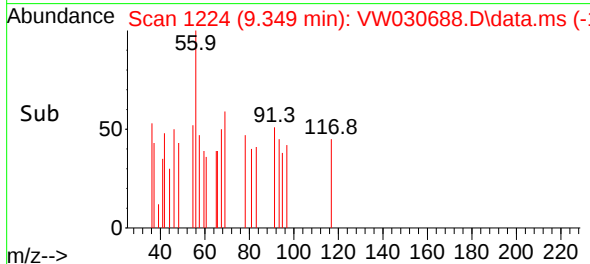
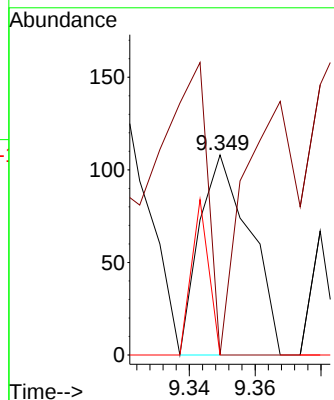


#35
Methylcyclohexane
Concen: 0.296 ug/L
RT: 9.349 min Scan# 1115
Delta R.T. 0.018 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

Instrument :
MSVOA_W
ClientSampleId :

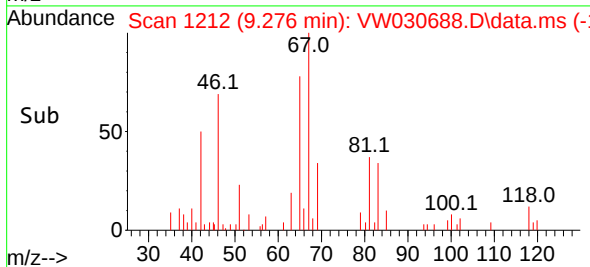
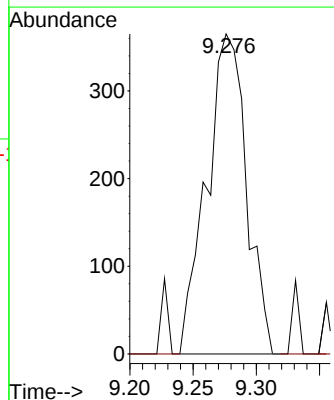
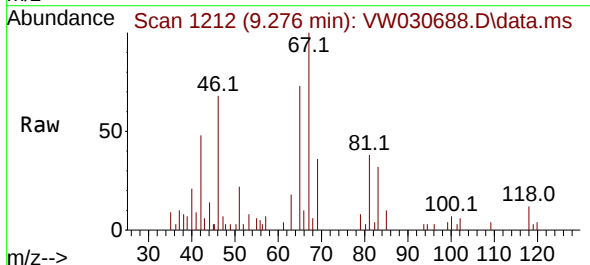


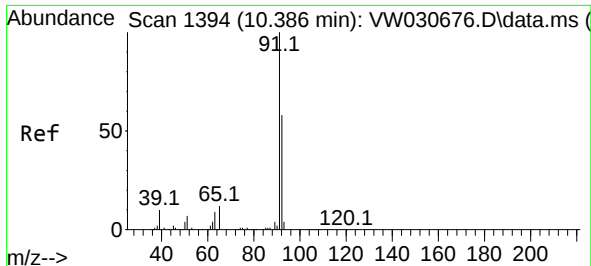
Tgt Ion: 83 Resp: 115
Ion Ratio Lower Upper
83 100
55 128.7 61.8 92.8#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 3.608 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.091 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

Tgt Ion: 63 Resp: 800
Ion Ratio Lower Upper
63 100
112 5.3 3.7 5.5

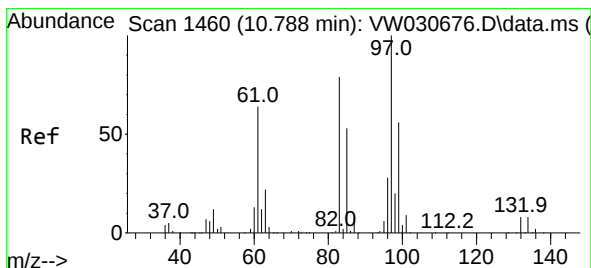
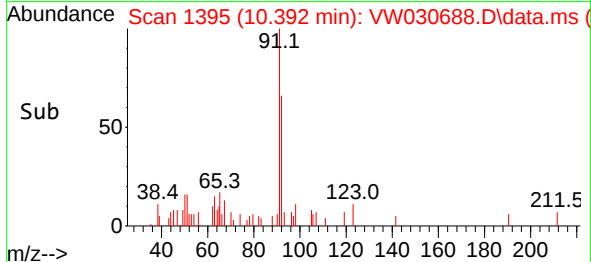
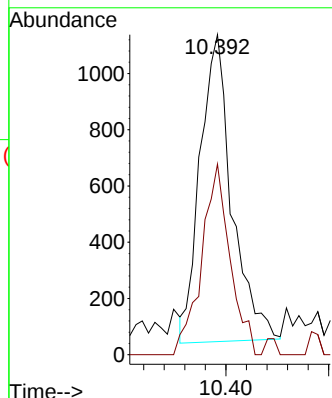
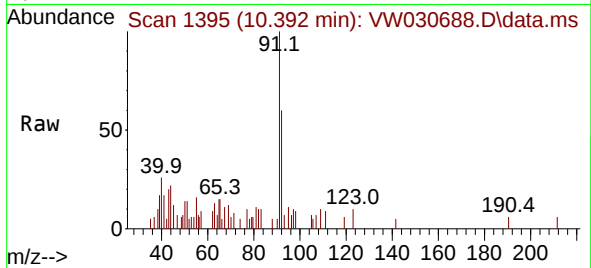




#42
Toluene
Concen: 2.467 ug/L
RT: 10.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

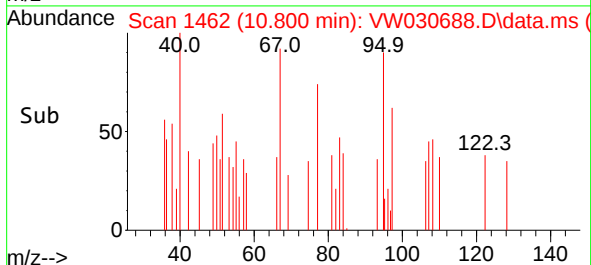
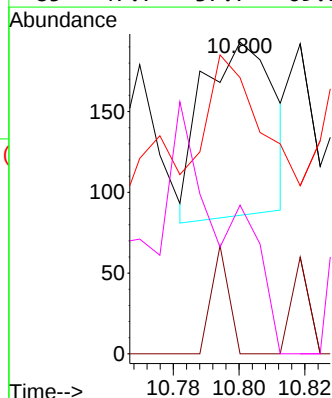
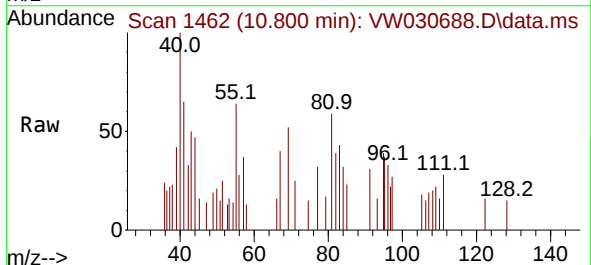
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ClientSampleId :

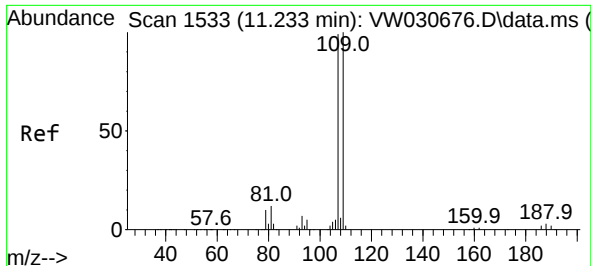
Tgt Ion: 91 Resp: 2337
Ion Ratio Lower Upper
91 100
92 59.6 40.3 74.8



#45
1,1,2-Trichloroethane
Concen: 1.023 ug/L
RT: 10.800 min Scan# 1462
Delta R.T. 0.012 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

Tgt Ion: 97 Resp: 164
Ion Ratio Lower Upper
97 100
99 0.0 41.2 76.6#
83 88.6 59.6 110.6
85 47.7 37.7 69.9

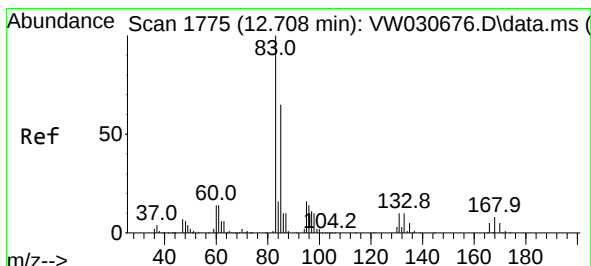
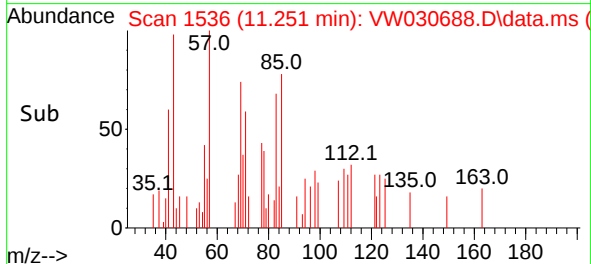
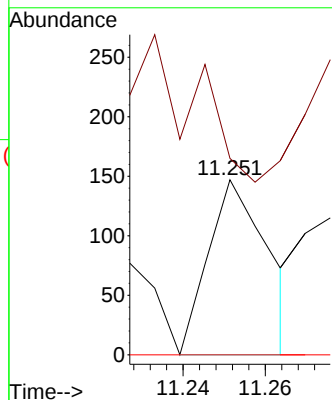
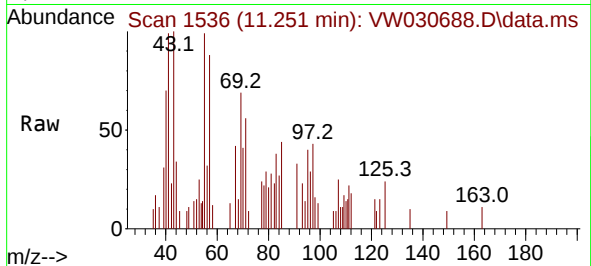




#50
1,2-Dibromoethane
Concen: 0.990 ug/L
RT: 11.251 min Scan# 11
Delta R.T. 0.018 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

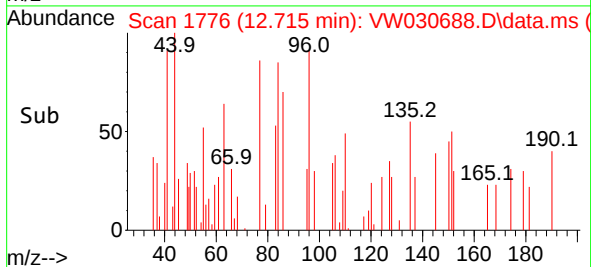
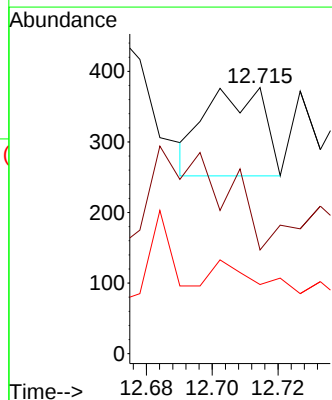
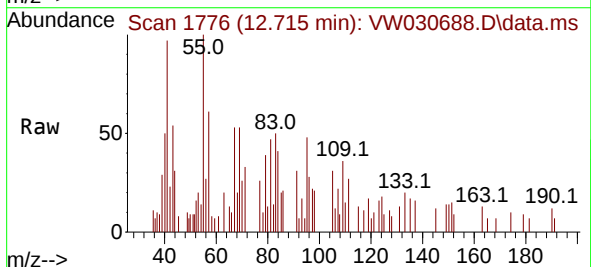
Instrument :
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ClientSampleId :

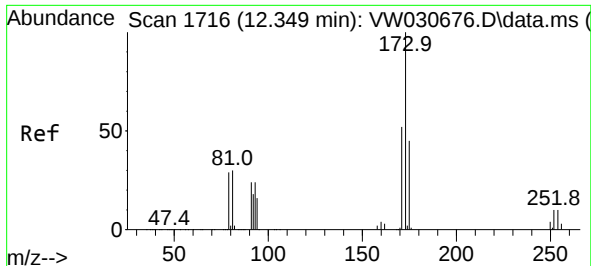
Tgt Ion:107 Resp: 148
Ion Ratio Lower Upper
107 100
109 112.2 63.8 118.6
188 0.0 2.6 3.8#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.841 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

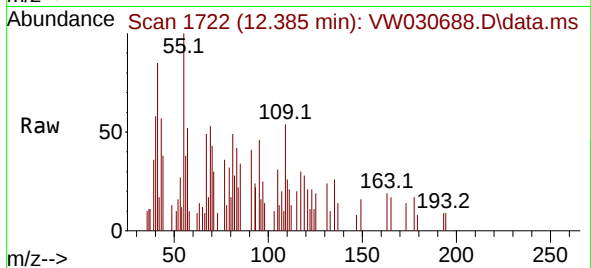
Tgt Ion: 83 Resp: 152
Ion Ratio Lower Upper
83 100
85 39.0 42.6 79.2#
131 26.0 7.4 11.0#



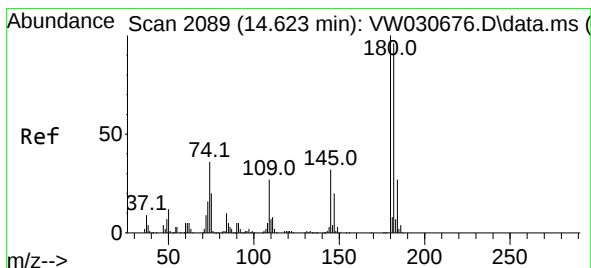
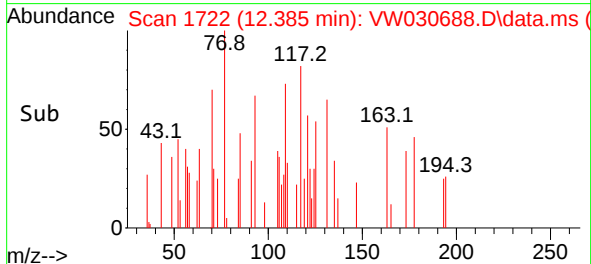
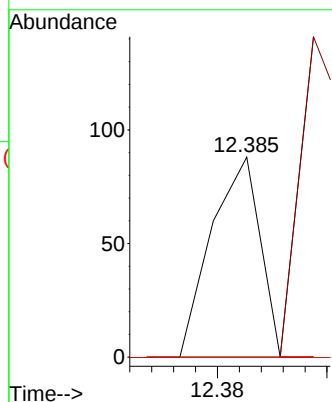


#59
Bromoform
Concen: 0.787 ug/L
RT: 12.385 min Scan# 1
Delta R.T. 0.037 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

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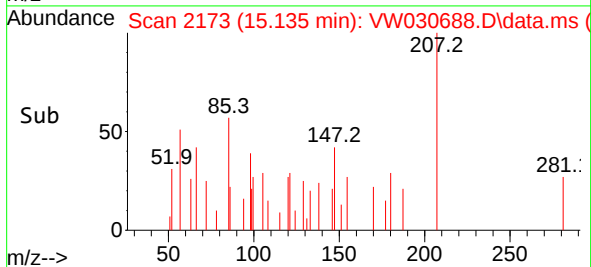
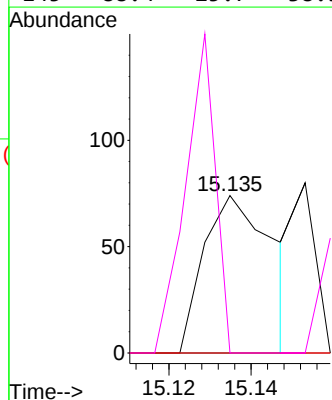
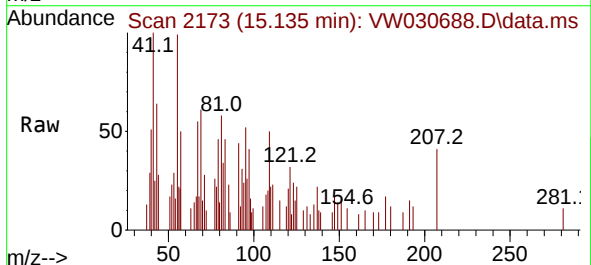


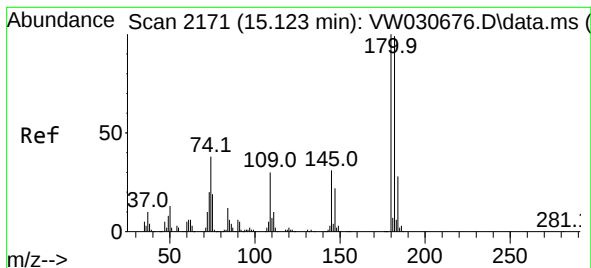
Tgt Ion:173 Resp: 54
Ion Ratio Lower Upper
173 100
175 168.5 39.0 58.4#
254 0.0 7.7 11.5#



#69
1,3,5-Trichlorobenzene
Concen: 0.396 ug/L
RT: 15.135 min Scan# 2173
Delta R.T. 0.512 min
Lab File: VW030688.D
Acq: 21 Oct 2024 18:25

Tgt Ion:180 Resp: 86
Ion Ratio Lower Upper
180 100
182 0.0 79.9 119.9#
184 0.0 25.2 37.8#
145 88.4 25.7 38.5#





#70

1,2,4-trichlorobenzene

Concen: 0.492 ug/L

RT: 15.135 min Scan# 21

Delta R.T. 0.012 min

Lab File: VW030688.D

Acq: 21 Oct 2024 18:25

Instrument :

MSVOA_W

ClientSampleId :

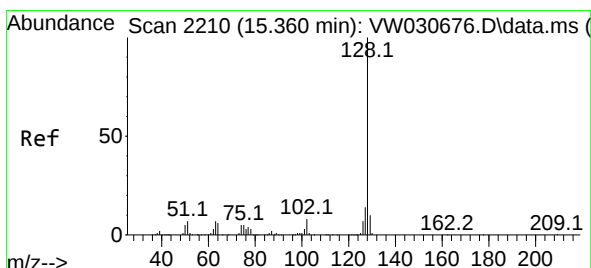
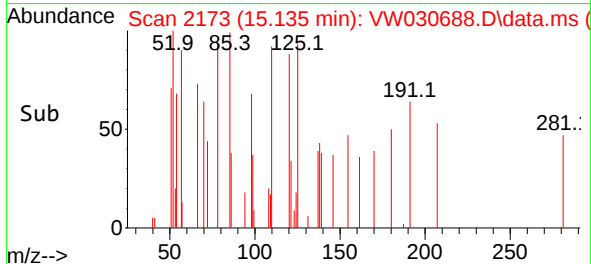
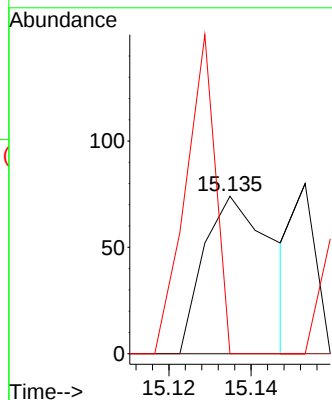
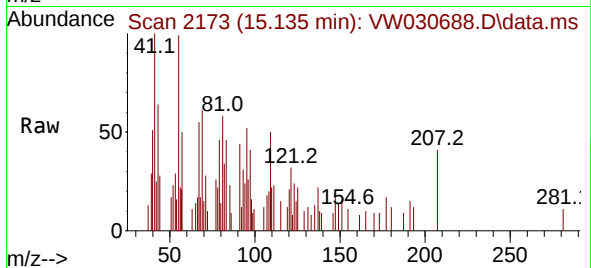
Tgt Ion:180 Resp: 86

Ion Ratio Lower Upper

180 100

182 0.0 75.2 112.8#

145 88.4 25.4 38.2#



#71

Naphthalene

Concen: 0.447 ug/L

RT: 15.348 min Scan# 2208

Delta R.T. -0.012 min

Lab File: VW030688.D

Acq: 21 Oct 2024 18:25

Tgt Ion:128 Resp: 135

Ion Ratio Lower Upper

128 100

127 0.0 10.9 16.3#

129 53.3 8.8 13.2#

