

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034438.D
 Acq On : 27 Feb 2024 10:47
 Operator : SY/MD
 Sample : P1535-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

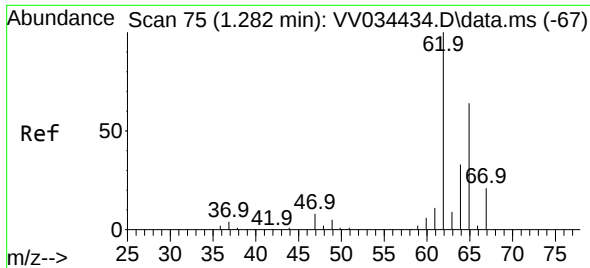
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 28 03:54:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	147827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	142212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37447	4.364	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.200%	
7) Chloroethane-d5	1.532	69	34100	4.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.000%	
11) 1,1-Dichloroethene-d2	2.060	65	18371	4.599	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	3.805	46	112439	50.115	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.240%	
24) Chloroform-d	4.252	84	80787	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	4.947	65	45064	5.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	4.960	84	147414	4.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	5.989	67	46830	4.902	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.246	98	129388	4.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	7.561	79	16190	4.549	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.024	63	104593	51.980	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.960%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	37306	4.934	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	54374	5.013	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1730	0.158	ug/L #	47
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2285	0.238	ug/L	91
17) Methyl tert-butyl Ether	2.712	73	2142	0.089	ug/L	96
19) 1,1-Dichloroethane	3.114	63	3019	0.167	ug/L #	87
22) cis-1,2-Dichloroethene	3.815	96	6452	0.623	ug/L	93
25) Chloroform	4.281	83	14313	0.761	ug/L	100
31) Carbon tetrachloride	4.735	117	14727	0.954	ug/L	98
34) Trichloroethene	5.838	95	17724	1.724	ug/L	94
47) Tetrachloroethene	7.908	164	28996	3.596	ug/L	98
49) Dibromochloromethane	7.908	129	26638	3.457	ug/L #	11
53) m,p-Xylene	9.088	106	1260	0.073	ug/L	95

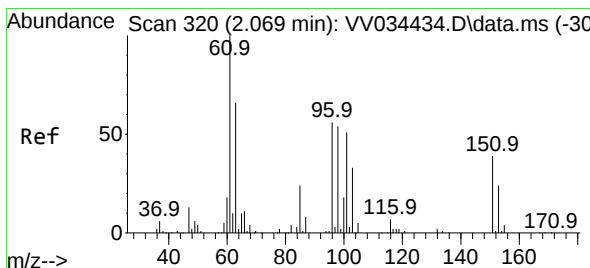
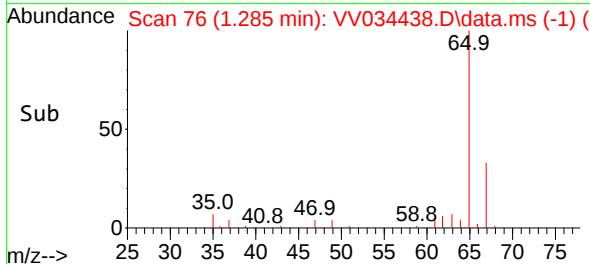
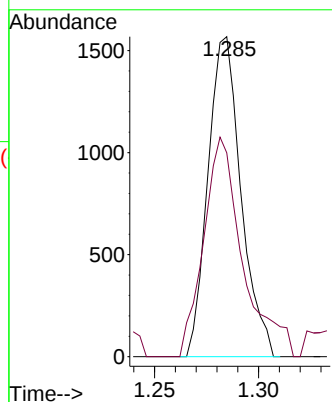
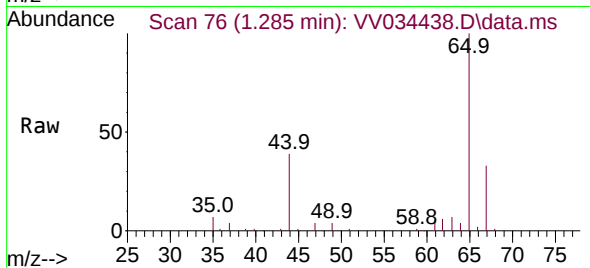
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.158 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV034438.D
 Acq: 27 Feb 2024 10:47

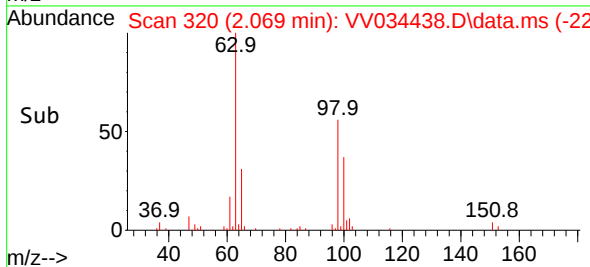
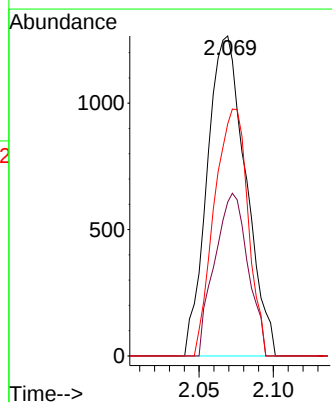
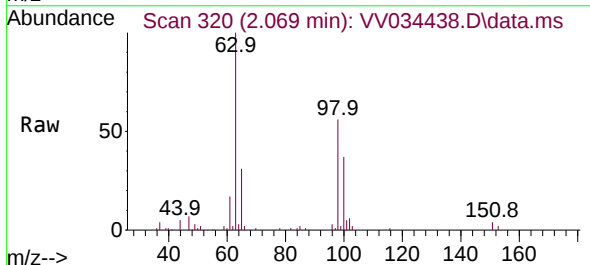
Instrument :
 MSVOA_V
 ClientSampleId :

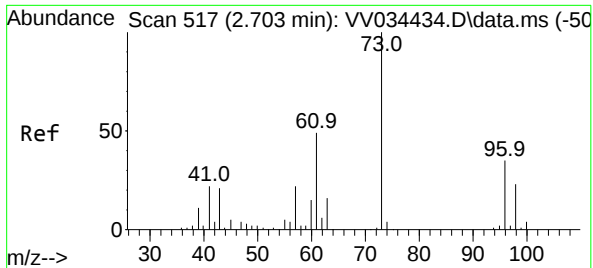
Tgt Ion: 62 Resp: 1730
 Ion Ratio Lower Upper
 62 100
 64 63.7 23.4 43.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.238 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034438.D
 Acq: 27 Feb 2024 10:47

Tgt Ion: 101 Resp: 2285
 Ion Ratio Lower Upper
 101 100
 85 43.7 37.9 56.9
 151 67.2 61.8 92.6





#17

Methyl tert-butyl Ether

Concen: 0.089 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.010 min

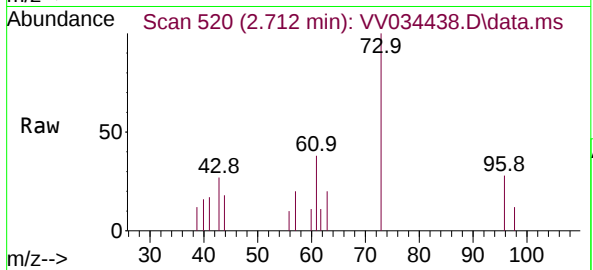
Lab File: VV034438.D

Acq: 27 Feb 2024 10:47

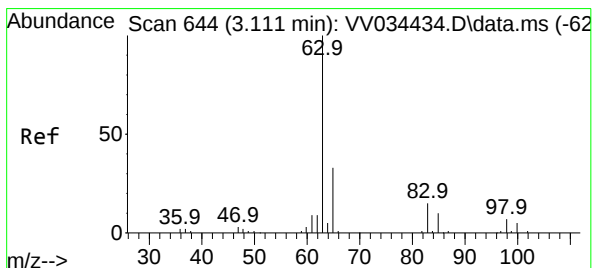
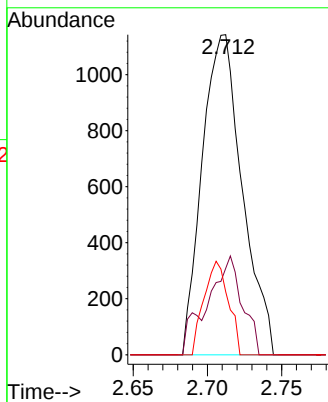
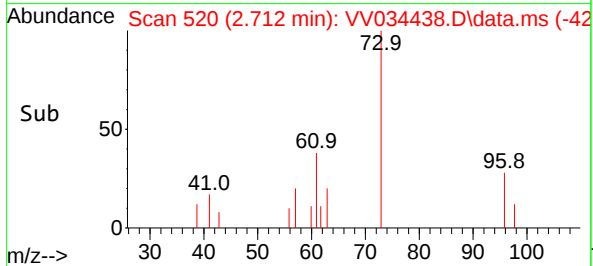
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 73	Resp: 2142
Ion Ratio	Lower Upper
73	100
43	22.2 18.0 27.0
57	17.8 17.0 25.6



#19

1,1-Dichloroethane

Concen: 0.167 ug/L

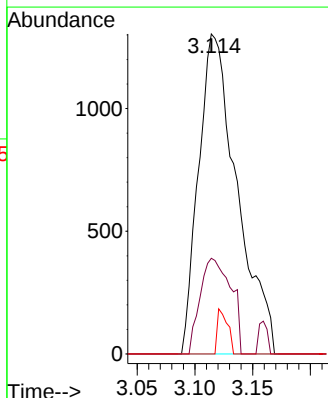
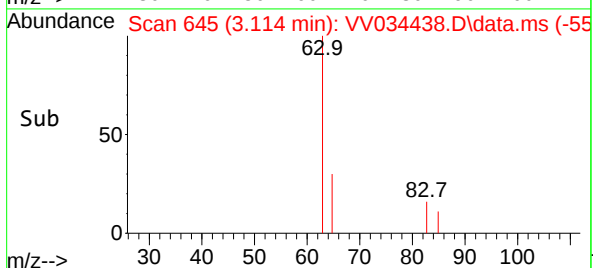
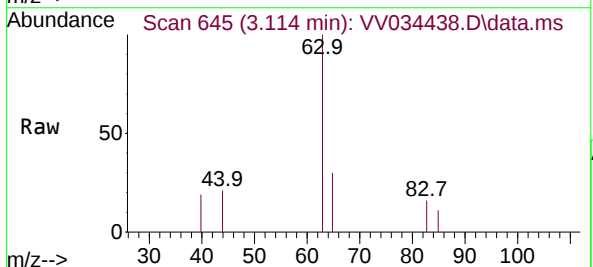
RT: 3.114 min Scan# 645

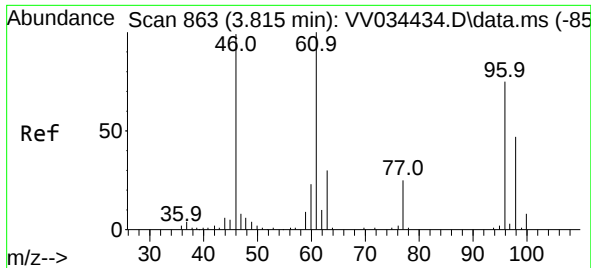
Delta R.T. 0.003 min

Lab File: VV034438.D

Acq: 27 Feb 2024 10:47

Tgt Ion: 63	Resp: 3019
Ion Ratio	Lower Upper
63	100
65	29.9 22.0 41.0
83	0.0 10.1 18.9

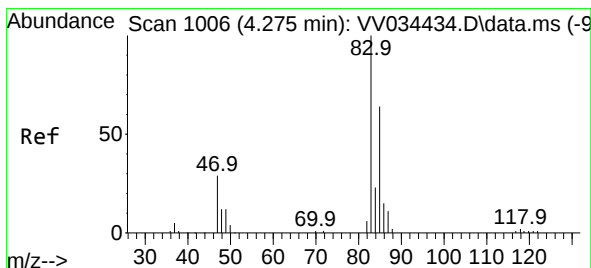
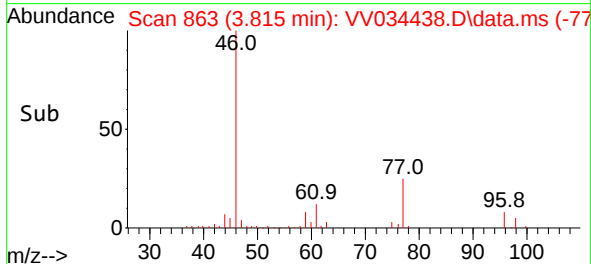
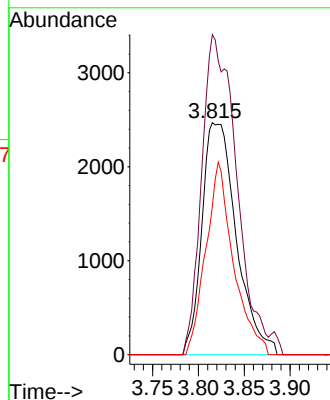
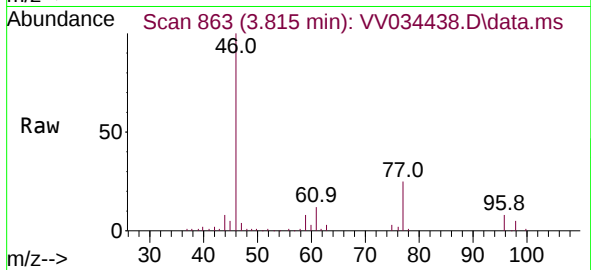




#22
 cis-1,2-Dichloroethene
 Concen: 0.623 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VV034438.D
 Acq: 27 Feb 2024 10:47

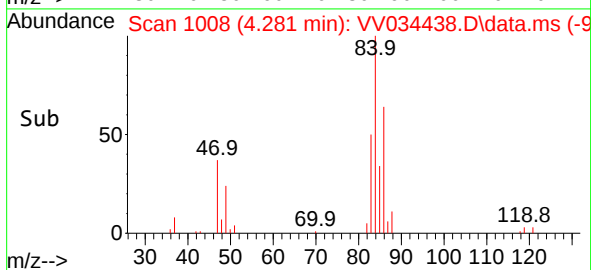
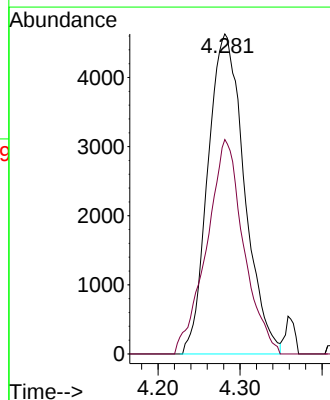
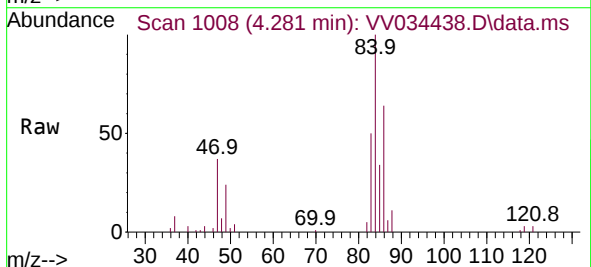
Instrument :
 MSVOA_V
 ClientSampleId :

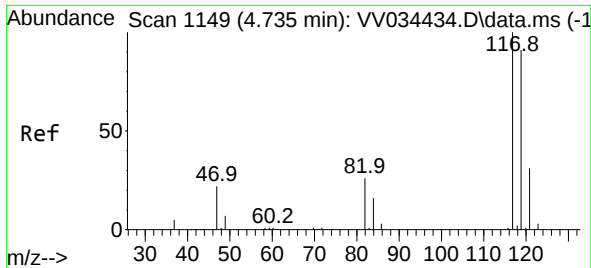
Tgt Ion: 96 Resp: 6452
 Ion Ratio Lower Upper
 96 100
 61 137.9 89.7 166.5
 98 64.0 42.0 78.0



#25
 Chloroform
 Concen: 0.761 ug/L
 RT: 4.281 min Scan# 1008
 Delta R.T. 0.006 min
 Lab File: VV034438.D
 Acq: 27 Feb 2024 10:47

Tgt Ion: 83 Resp: 14313
 Ion Ratio Lower Upper
 83 100
 85 67.0 47.0 87.4

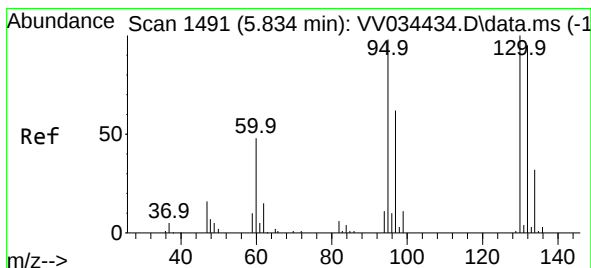
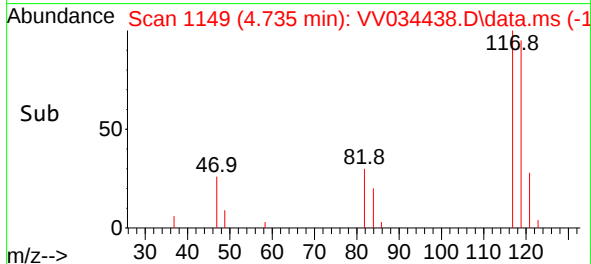
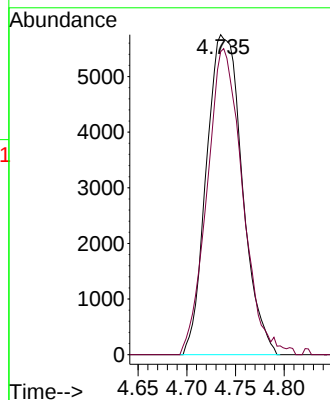
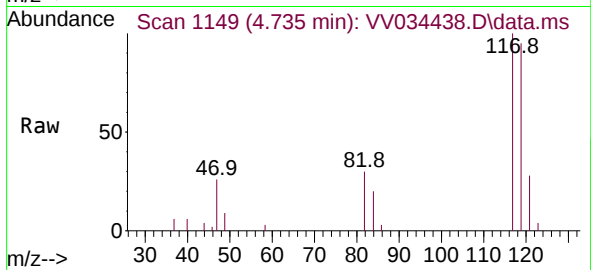




#31
Carbon tetrachloride
Concen: 0.954 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034438.D
Acq: 27 Feb 2024 10:47

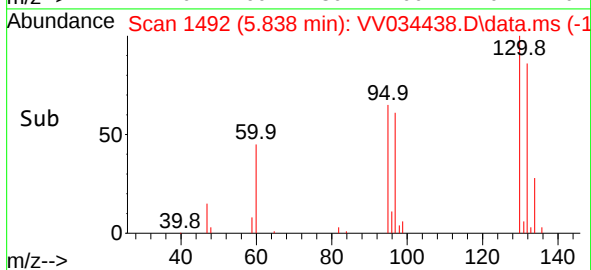
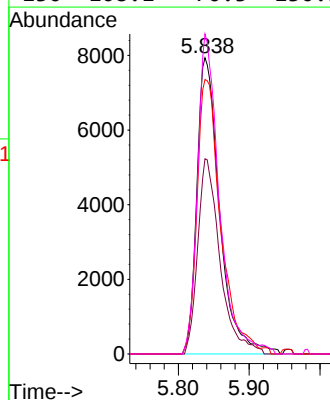
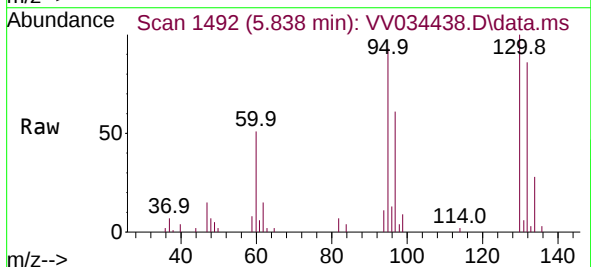
Instrument :
MSVOA_V
ClientSampleId :

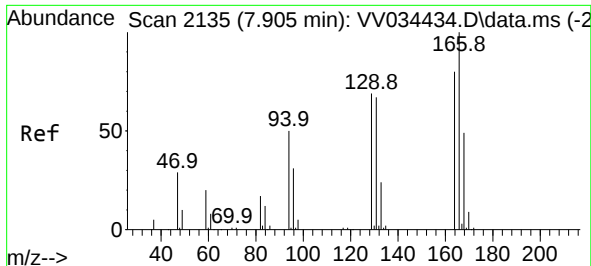
Tgt Ion:117 Resp: 14727
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.6



#34
Trichloroethene
Concen: 1.724 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034438.D
Acq: 27 Feb 2024 10:47

Tgt Ion: 95 Resp: 17724
Ion Ratio Lower Upper
95 100
97 65.9 43.3 80.5
132 92.7 67.8 126.0
130 108.1 70.3 130.5





#47

Tetrachloroethene

Concen: 3.596 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

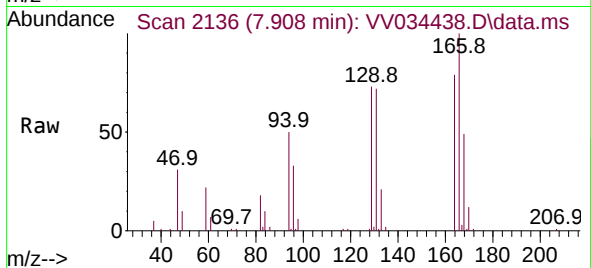
Lab File: VV034438.D

Acq: 27 Feb 2024 10:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 28996

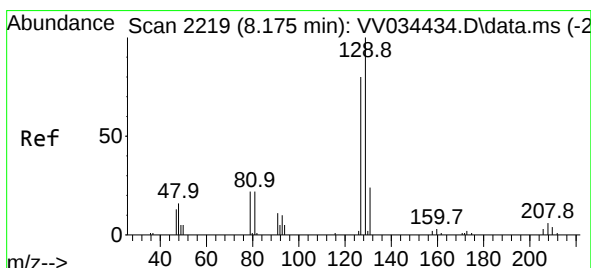
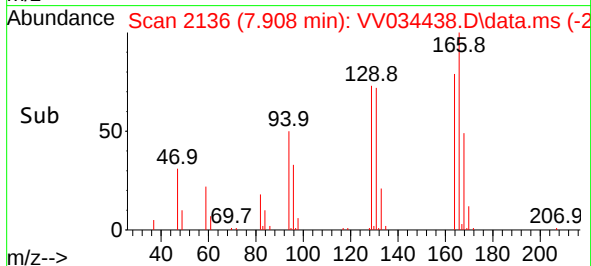
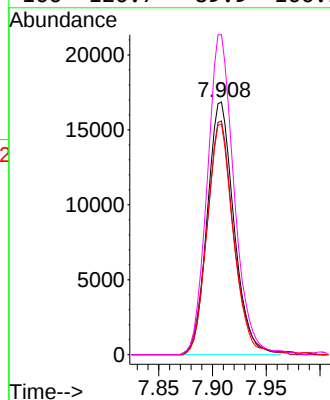
Ion Ratio Lower Upper

164 100

129 92.6 64.2 119.2

131 91.4 65.9 122.3

166 126.7 89.9 166.9



#49

Dibromochloromethane

Concen: 3.457 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV034438.D

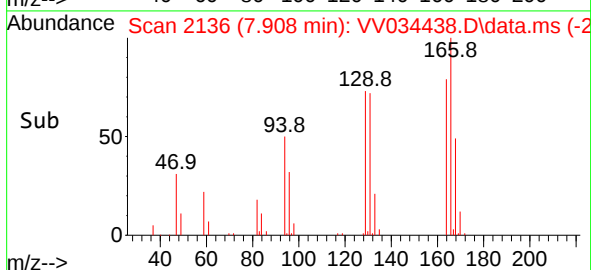
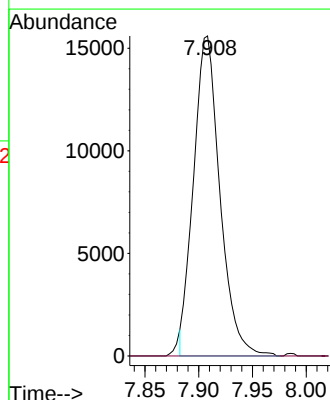
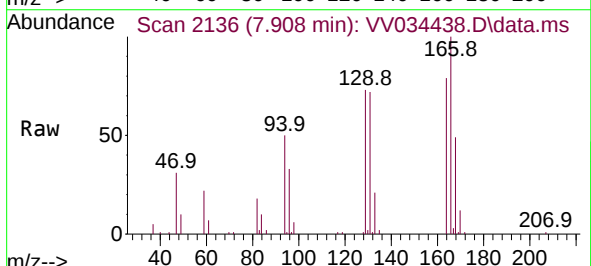
Acq: 27 Feb 2024 10:47

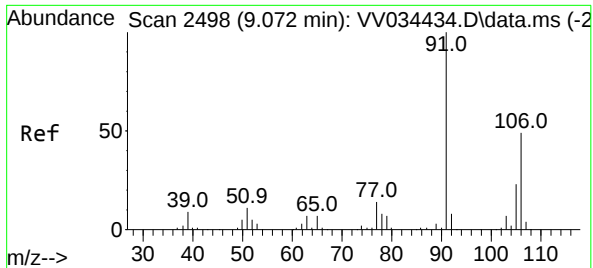
Tgt Ion:129 Resp: 26638

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#





#53
 m,p-Xylene
 Concen: 0.073 ug/L
 RT: 9.088 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VV034438.D
 Acq: 27 Feb 2024 10:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:106 Resp: 1260
 Ion Ratio Lower Upper
 106 100
 91 205.0 148.5 275.9

