

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034363.D
 Acq On : 23 Feb 2024 10:06
 Operator : SY/MD
 Sample : P1498-18DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:45:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

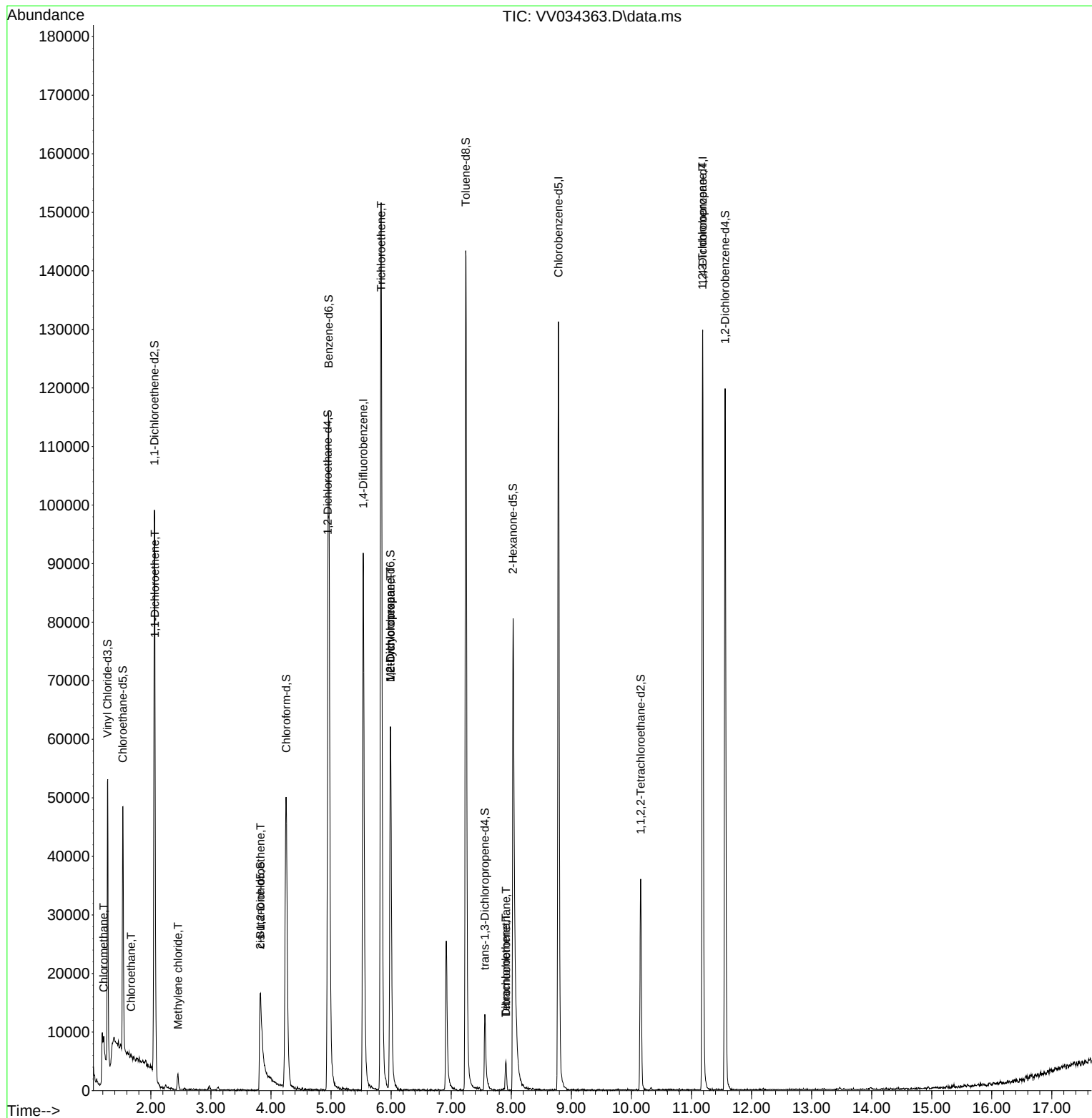
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78368	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71261	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31784	5.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.532	69	26094	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.060	65	14637	5.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.822	46	32782	32.160	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.320%
24) Chloroform-d	4.252	84	55449	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	4.947	65	25957	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	4.960	84	105901	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.989	67	29397	4.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.243	98	95850	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.561	79	9142	4.051	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.030	63	33978	42.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17093	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	30711	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2191	0.280	ug/L	100
8) Chloroethane	1.671	64	702	0.137	ug/L #	54
12) 1,1-Dichloroethene	2.069	96	4281	0.782	ug/L #	1
16) Methylene chloride	2.452	84	1156	0.220	ug/L	77
22) cis-1,2-Dichloroethene	3.825	96	2375	0.375	ug/L	92
34) Trichloroethene	5.834	95	53782	8.695	ug/L	99
35) Methylcyclohexane	5.989	83	6991	0.720	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	3843	0.742	ug/L #	87
47) Tetrachloroethene	7.908	164	1127	0.224	ug/L	89
49) Dibromochloromethane	7.911	129	1015	0.267	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4173	1.758	ug/L #	63

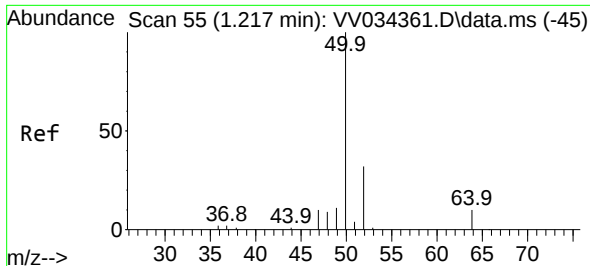
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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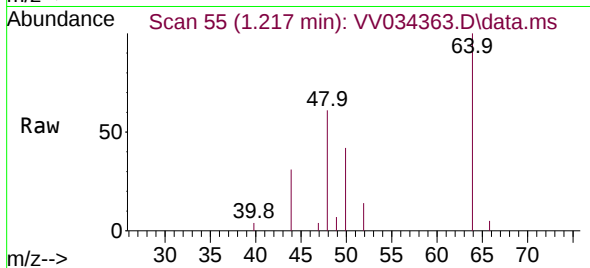
Quant Time: Feb 24 00:45:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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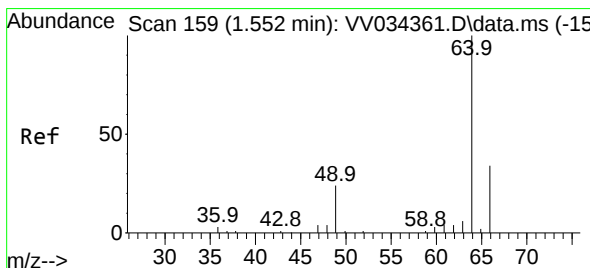
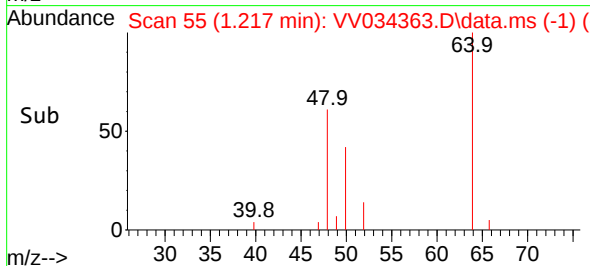
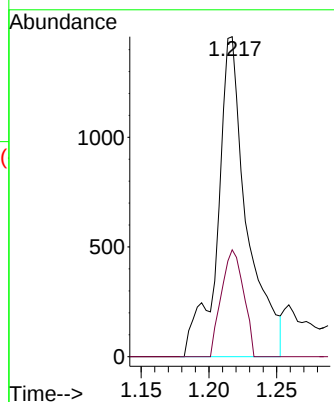


#3
Chloromethane
Concen: 0.280 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV034363.D
Acq: 23 Feb 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

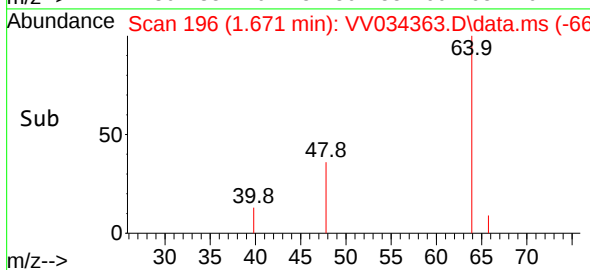
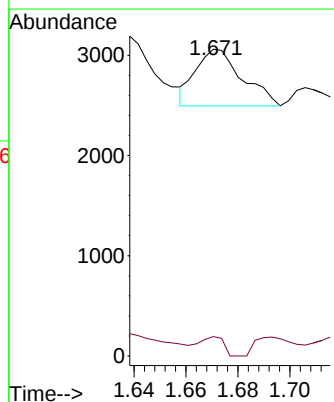
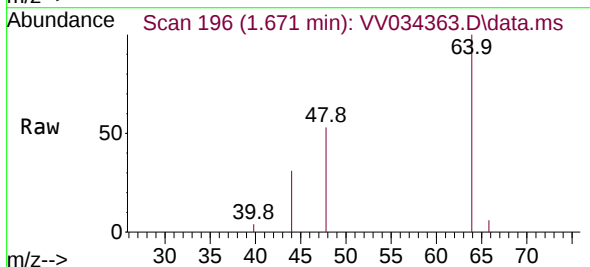


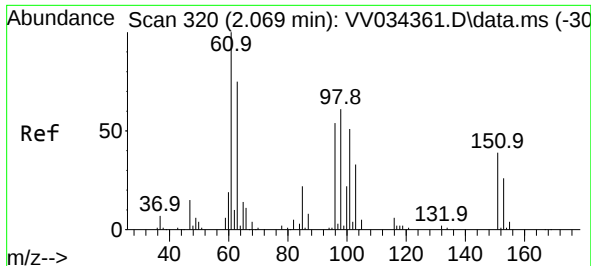
Tgt Ion: 50 Resp: 2191
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4



#8
Chloroethane
Concen: 0.137 ug/L
RT: 1.671 min Scan# 196
Delta R.T. 0.119 min
Lab File: VV034363.D
Acq: 23 Feb 2024 10:06

Tgt Ion: 64 Resp: 702
Ion Ratio Lower Upper
64 100
66 6.3 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 0.782 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034363.D

Acq: 23 Feb 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

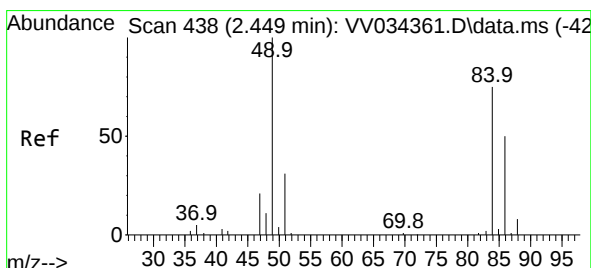
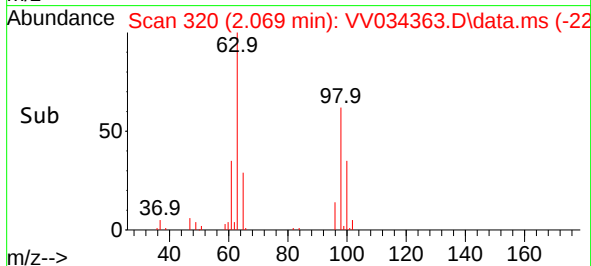
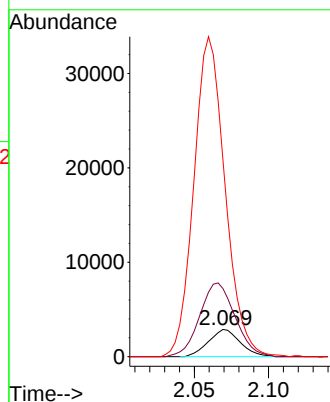
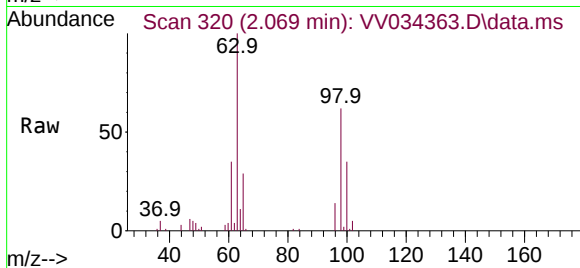
Tgt Ion: 96 Resp: 4281

Ion Ratio Lower Upper

96 100

61 251.4 128.8 239.2#

63 726.5 97.9 181.9#



#16

Methylene chloride

Concen: 0.220 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.003 min

Lab File: VV034363.D

Acq: 23 Feb 2024 10:06

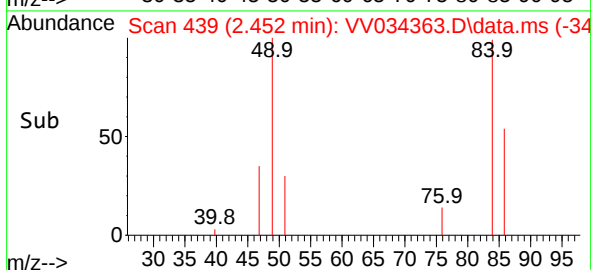
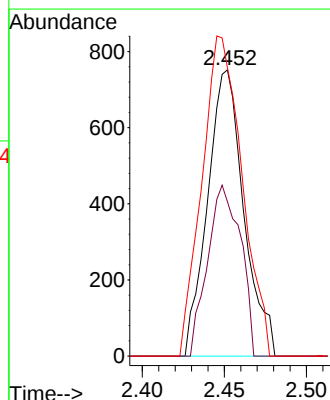
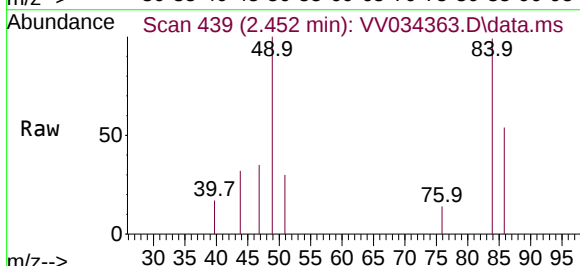
Tgt Ion: 84 Resp: 1156

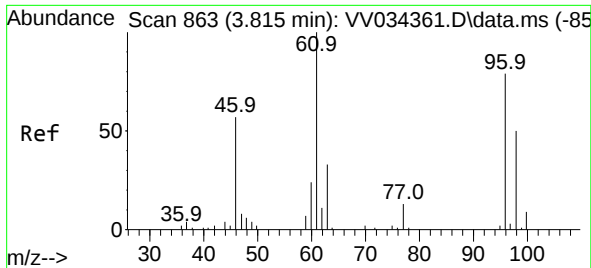
Ion Ratio Lower Upper

84 100

86 54.0 44.7 83.1

49 100.8 93.7 173.9

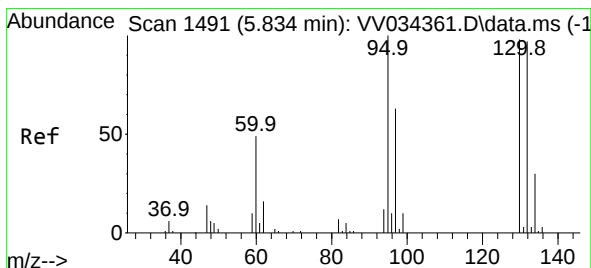
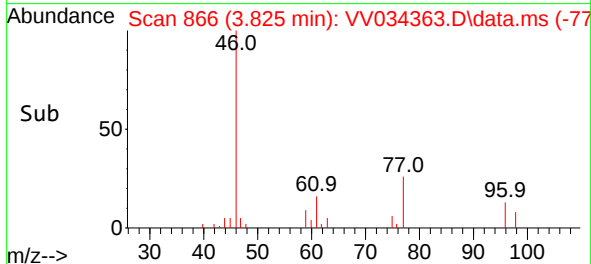
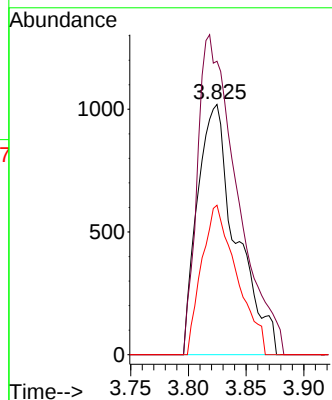
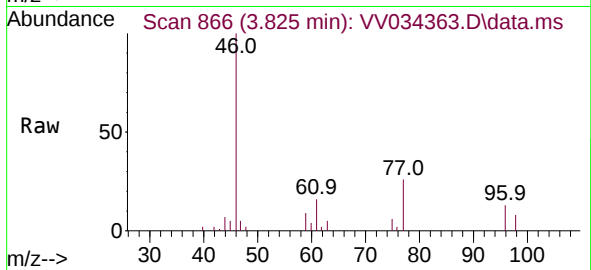




#22
 cis-1,2-Dichloroethene
 Concen: 0.375 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.010 min
 Lab File: VV034363.D
 Acq: 23 Feb 2024 10:06

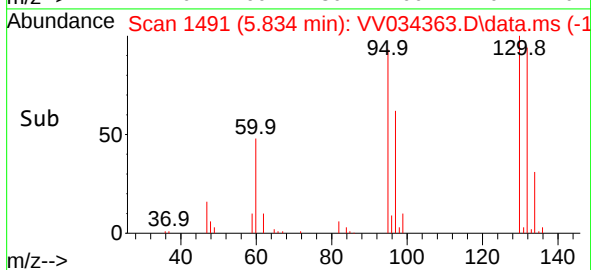
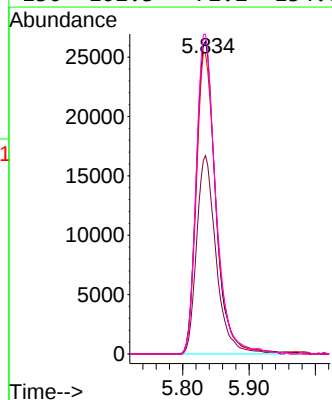
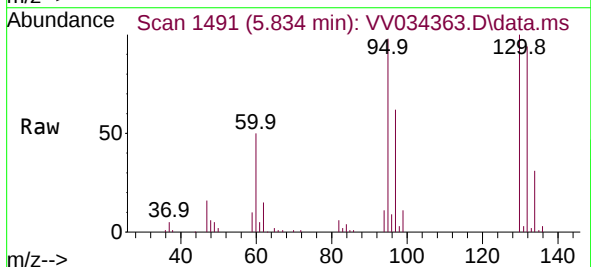
Instrument :
 MSVOA_V
 ClientSampleId :

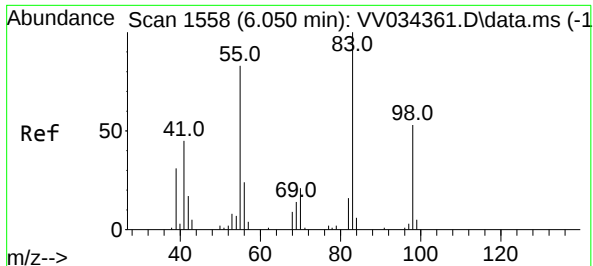
Tgt Ion: 96 Resp: 2375
 Ion Ratio Lower Upper
 96 100
 61 117.3 90.3 167.7
 98 59.7 43.2 80.2



#34
 Trichloroethene
 Concen: 8.695 ug/L
 RT: 5.834 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VV034363.D
 Acq: 23 Feb 2024 10:06

Tgt Ion: 95 Resp: 53782
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.1 83.7
 132 96.1 66.0 122.6
 130 102.3 72.2 134.0





#35

Methylcyclohexane

Concen: 0.720 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034363.D

Acq: 23 Feb 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

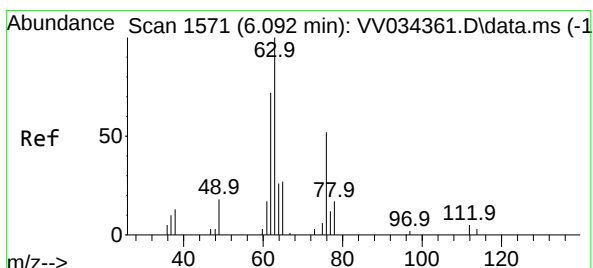
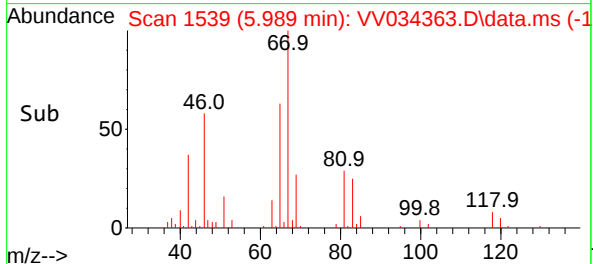
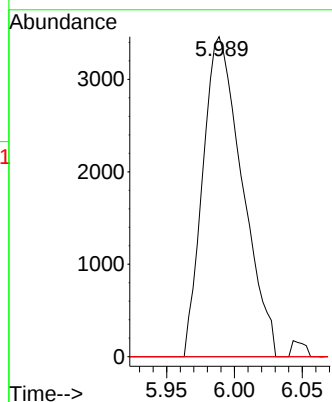
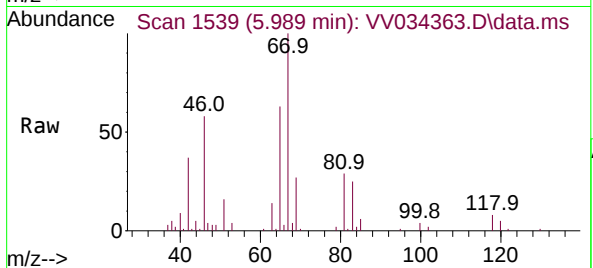
Tgt Ion: 83 Resp: 6991

Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 4.0 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.742 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV034363.D

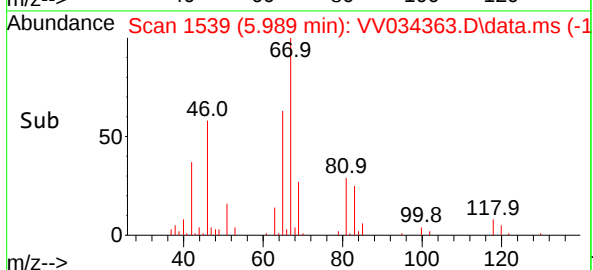
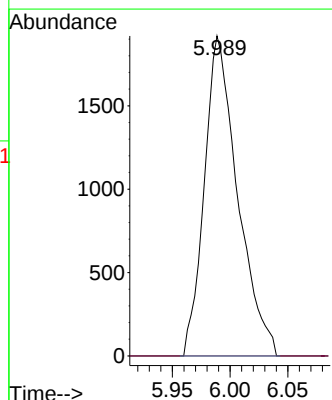
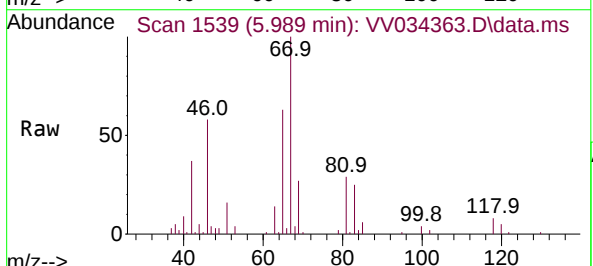
Acq: 23 Feb 2024 10:06

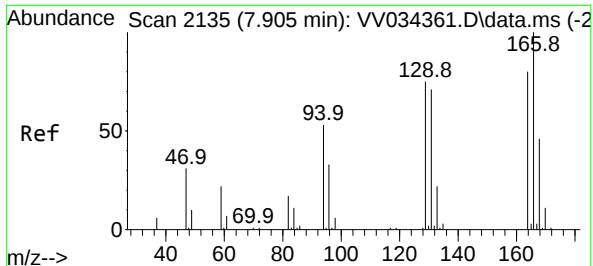
Tgt Ion: 63 Resp: 3843

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 0.224 ug/L

RT: 7.908 min Scan# 2137

Delta R.T. 0.003 min

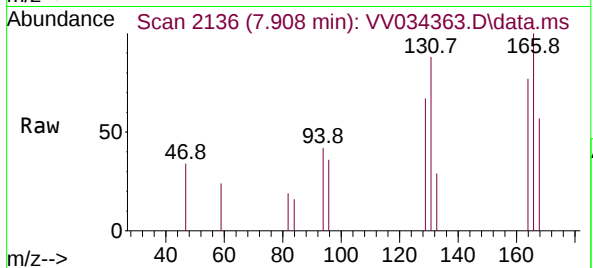
Lab File: VV034363.D

Acq: 23 Feb 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1127

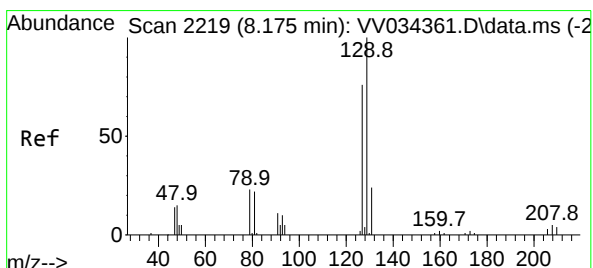
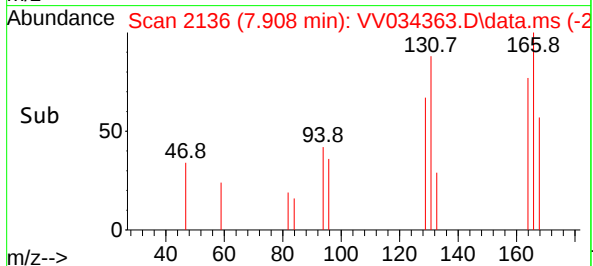
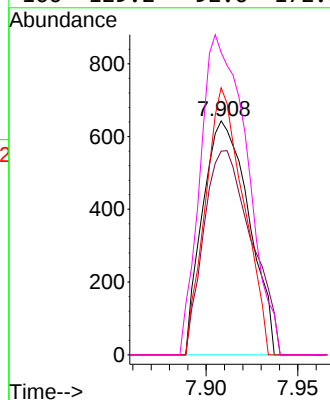
Ion Ratio Lower Upper

164 100

129 87.1 67.8 125.8

131 114.2 63.0 117.0

166 129.2 92.6 172.0



#49

Dibromochloromethane

Concen: 0.267 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV034363.D

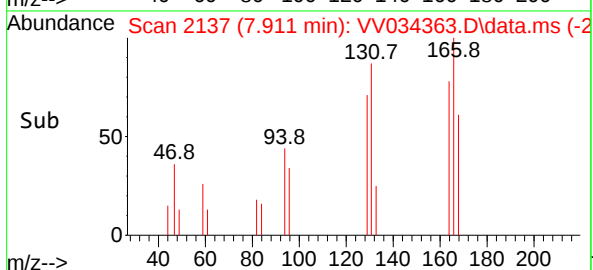
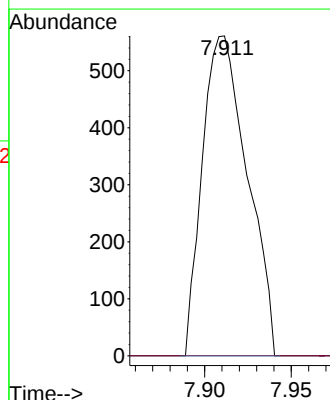
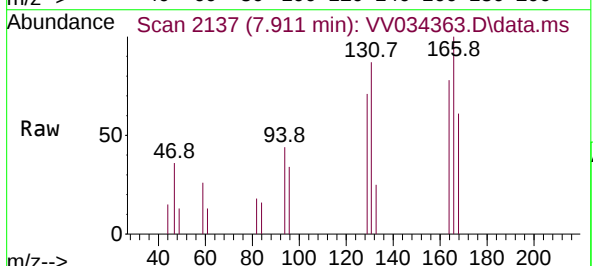
Acq: 23 Feb 2024 10:06

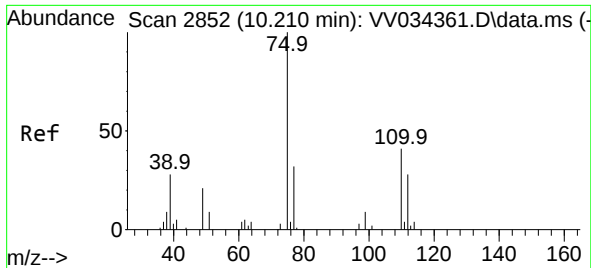
Tgt Ion:129 Resp: 1015

Ion Ratio Lower Upper

129 100

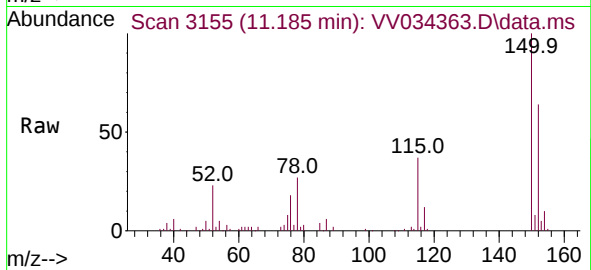
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.758 ug/L
RT: 11.185 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV034363.D
Acq: 23 Feb 2024 10:06

Instrument :
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ClientSampleId :



Tgt Ion: 75 Resp: 4173
Ion Ratio Lower Upper
75 100
77 32.8 26.9 40.3
110 0.0 33.3 49.9#

