

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033800.D
 Acq On : 22 Jan 2024 14:12
 Operator : SY/MD
 Sample : P1189-24
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

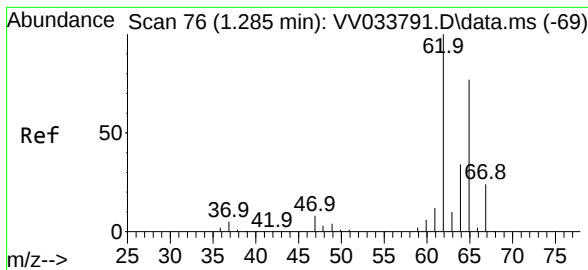
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:44:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	230671	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	216547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	107996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	74524	42.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.080%
7) Chloroethane-d5	1.532	69	60211	42.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.780%
11) 1,1-Dichloroethene-d2	2.060	65	34398	45.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
21) 2-Butanone-d5	3.783	46	80464	66.172	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.170%
24) Chloroform-d	4.249	84	134808	42.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.060%
26) 1,2-Dichloroethane-d4	4.941	65	94570	46.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
32) Benzene-d6	4.960	84	269897	43.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	5.989	67	84369	41.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.260%
41) Toluene-d8	7.243	98	248385	44.779	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%
43) trans-1,3-Dichloroprop...	7.555	79	39254	39.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.380%
47) 2-Hexanone-d5	8.024	63	62187	73.982	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.980%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	106843	41.300	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	96913	47.298	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	77461	37.106	ug/L #	7
8) Chloroethane	1.439	64	1038	0.834	ug/L #	52
17) trans-1,2-Dichloroethene	2.703	96	1765	1.141	ug/L	83
20) cis-1,2-Dichloroethene	3.815	96	75883	44.090	ug/L	94
37) 1,2-Dichloropropane	5.989	63	10193	5.824	ug/L #	88
39) cis-1,3-Dichloropropene	6.912	75	3040	1.040	ug/L #	56
46) Tetrachloroethene	7.912	164	1058	0.845	ug/L	94
61) 1,2,3-Trichloropropane	11.185	75	13235	6.905	ug/L #	66

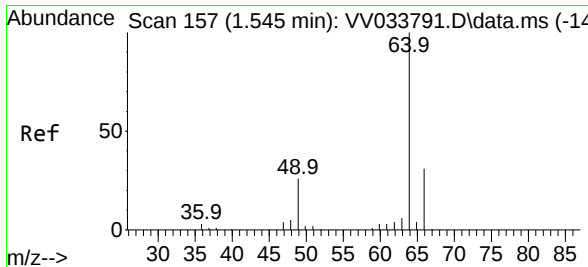
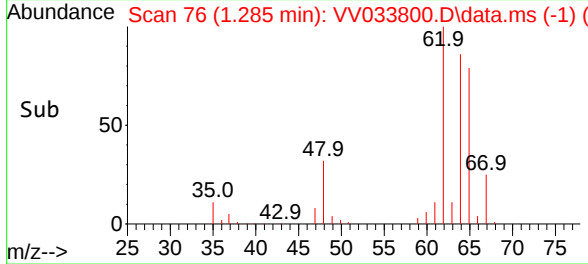
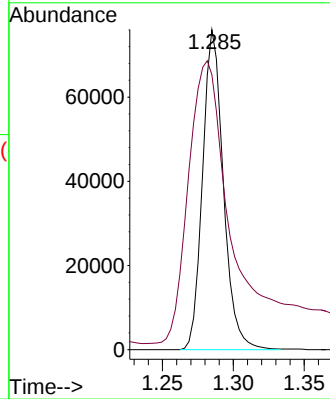
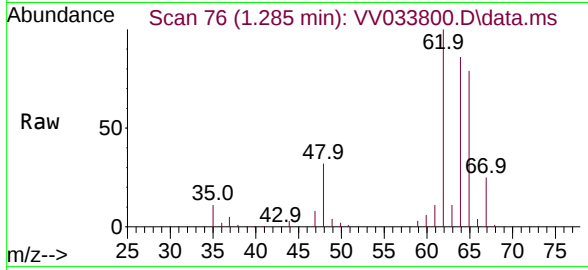
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 37.106 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
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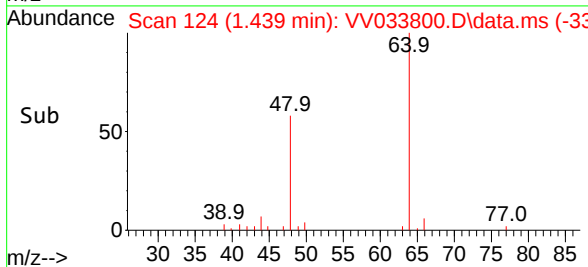
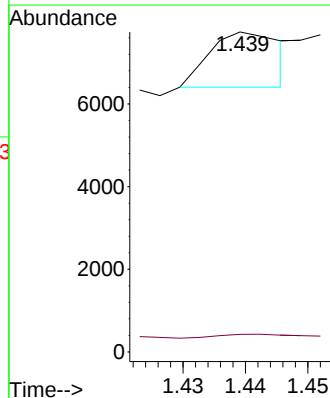
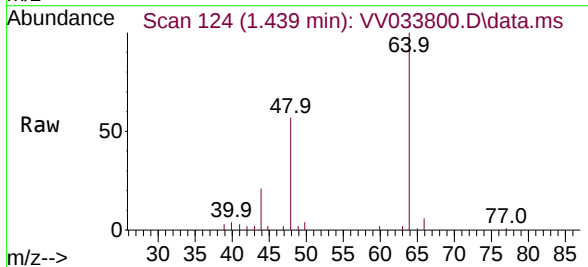
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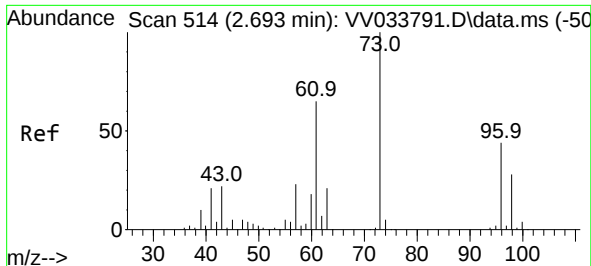
Tgt Ion: 62 Resp: 77461
 Ion Ratio Lower Upper
 62 100
 64 85.9 23.2 43.0#



#8
 Chloroethane
 Concen: 0.834 ug/L
 RT: 1.439 min Scan# 124
 Delta R.T. -0.106 min
 Lab File: VV033800.D
 Acq: 22 Jan 2024 14:12

Tgt Ion: 64 Resp: 1038
 Ion Ratio Lower Upper
 64 100
 66 5.5 22.5 41.9#





#17

trans-1,2-Dichloroethene

Concen: 1.141 ug/L

RT: 2.703 min Scan# 514

Delta R.T. 0.010 min

Lab File: VV033800.D

Acq: 22 Jan 2024 14:12

Instrument :

MSVOA_V

ClientSampleId :

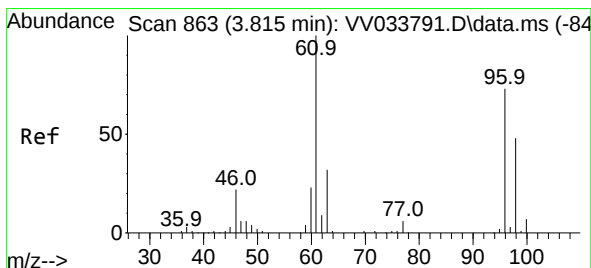
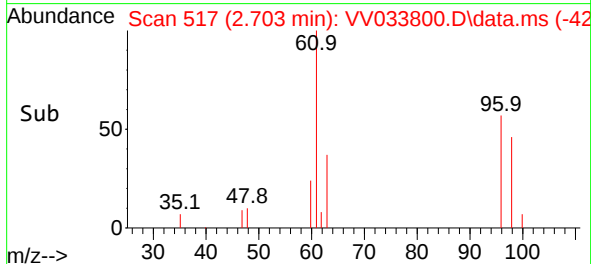
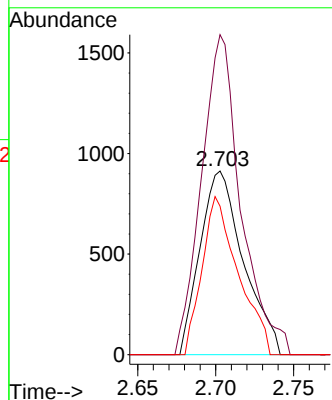
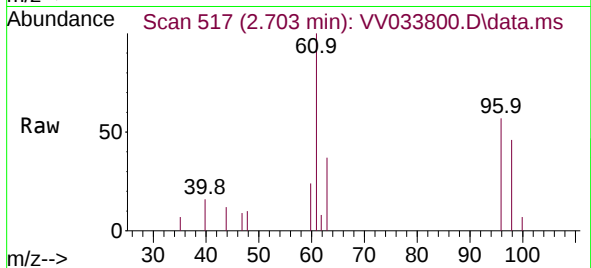
Tgt Ion: 96 Resp: 1765

Ion Ratio Lower Upper

96 100

61 174.3 108.4 201.4

98 80.8 43.8 81.4



#20

cis-1,2-Dichloroethene

Concen: 44.090 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV033800.D

Acq: 22 Jan 2024 14:12

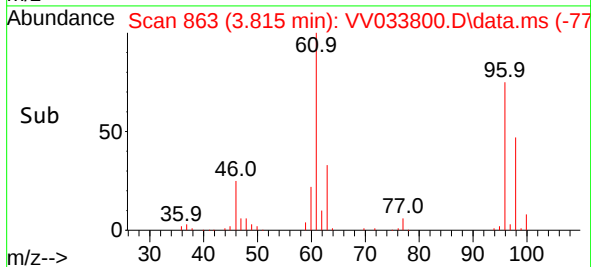
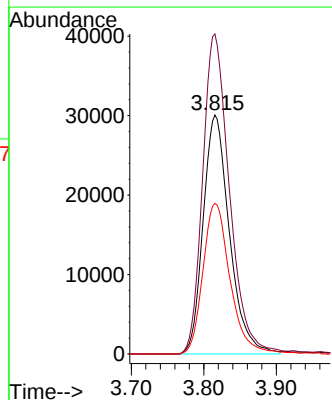
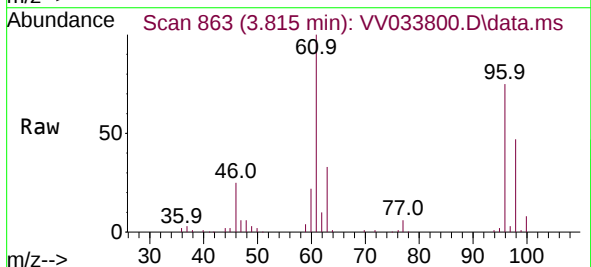
Tgt Ion: 96 Resp: 75883

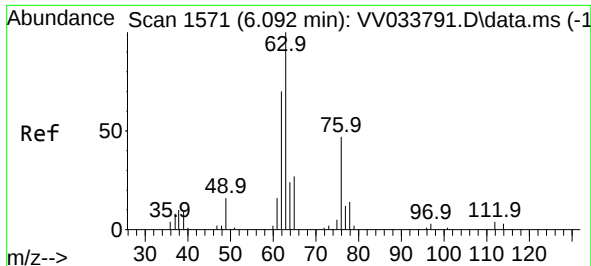
Ion Ratio Lower Upper

96 100

61 134.0 100.6 186.8

98 63.0 44.6 82.8

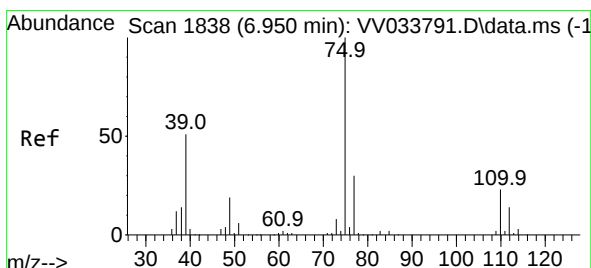
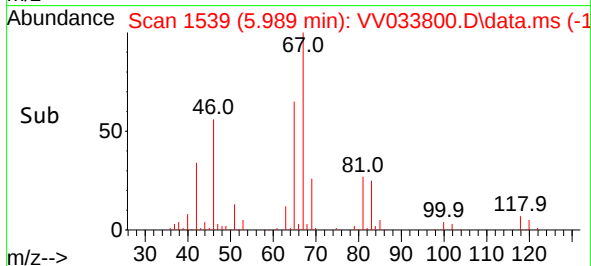
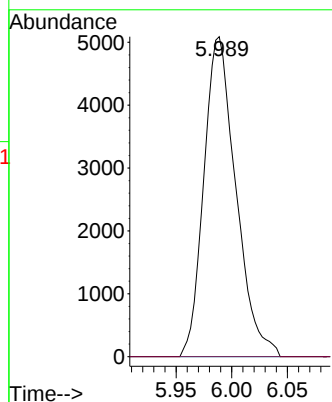
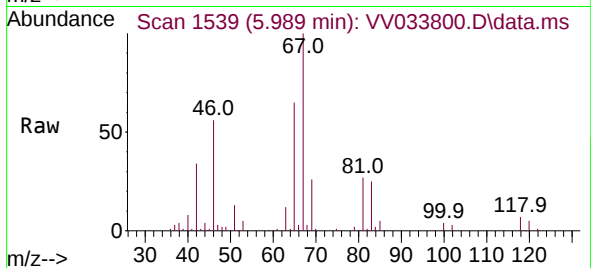




#37
1,2-Dichloropropane
Concen: 5.824 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV033800.D
Acq: 22 Jan 2024 14:12

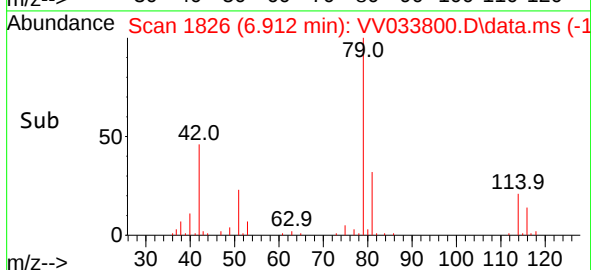
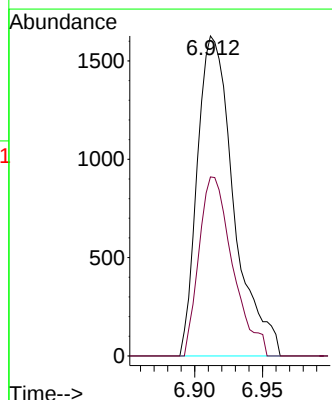
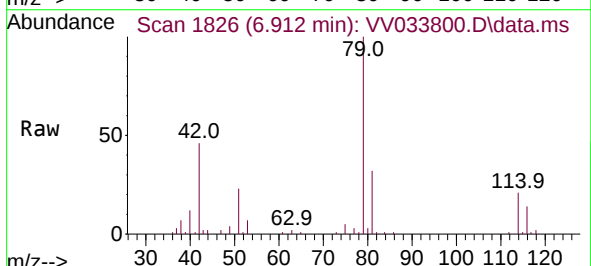
Instrument :
MSVOA_V
ClientSampleId :

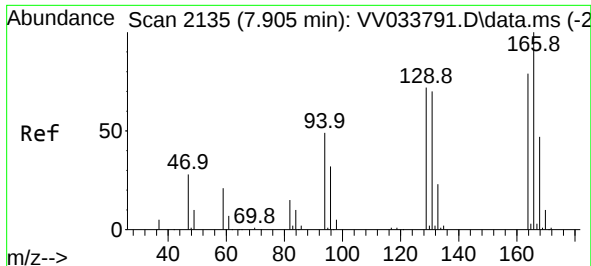
Tgt Ion: 63 Resp: 10193
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 1.040 ug/L
RT: 6.912 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV033800.D
Acq: 22 Jan 2024 14:12

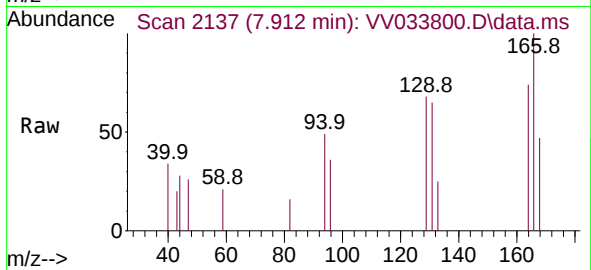
Tgt Ion: 75 Resp: 3040
Ion Ratio Lower Upper
75 100
77 55.9 22.0 41.0#



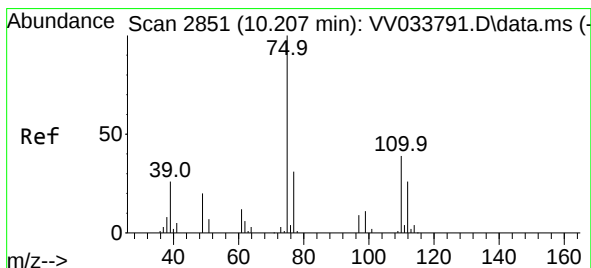
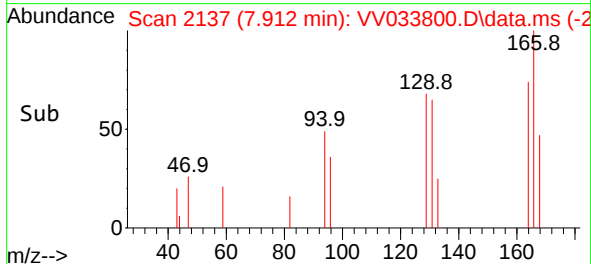
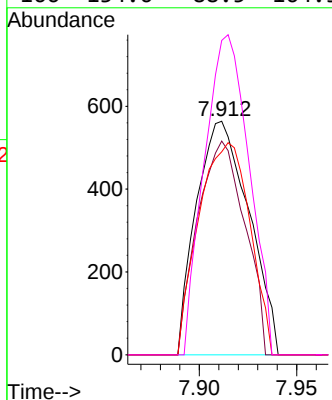


#46
Tetrachloroethene
Concen: 0.845 ug/L
RT: 7.912 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV033800.D
Acq: 22 Jan 2024 14:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 1058
Ion Ratio Lower Upper
164 100
129 91.5 66.1 122.7
131 86.9 65.9 122.5
166 134.6 88.5 164.3



#61
1,2,3-Trichloropropane
Concen: 6.905 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV033800.D
Acq: 22 Jan 2024 14:12

Tgt Ion: 75 Resp: 13235
Ion Ratio Lower Upper
75 100
77 35.2 25.3 37.9
110 3.1 29.5 44.3#

