

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033761.D
 Acq On : 19 Jan 2024 18:00
 Operator : SY/MD
 Sample : P1190-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 22:25:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

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

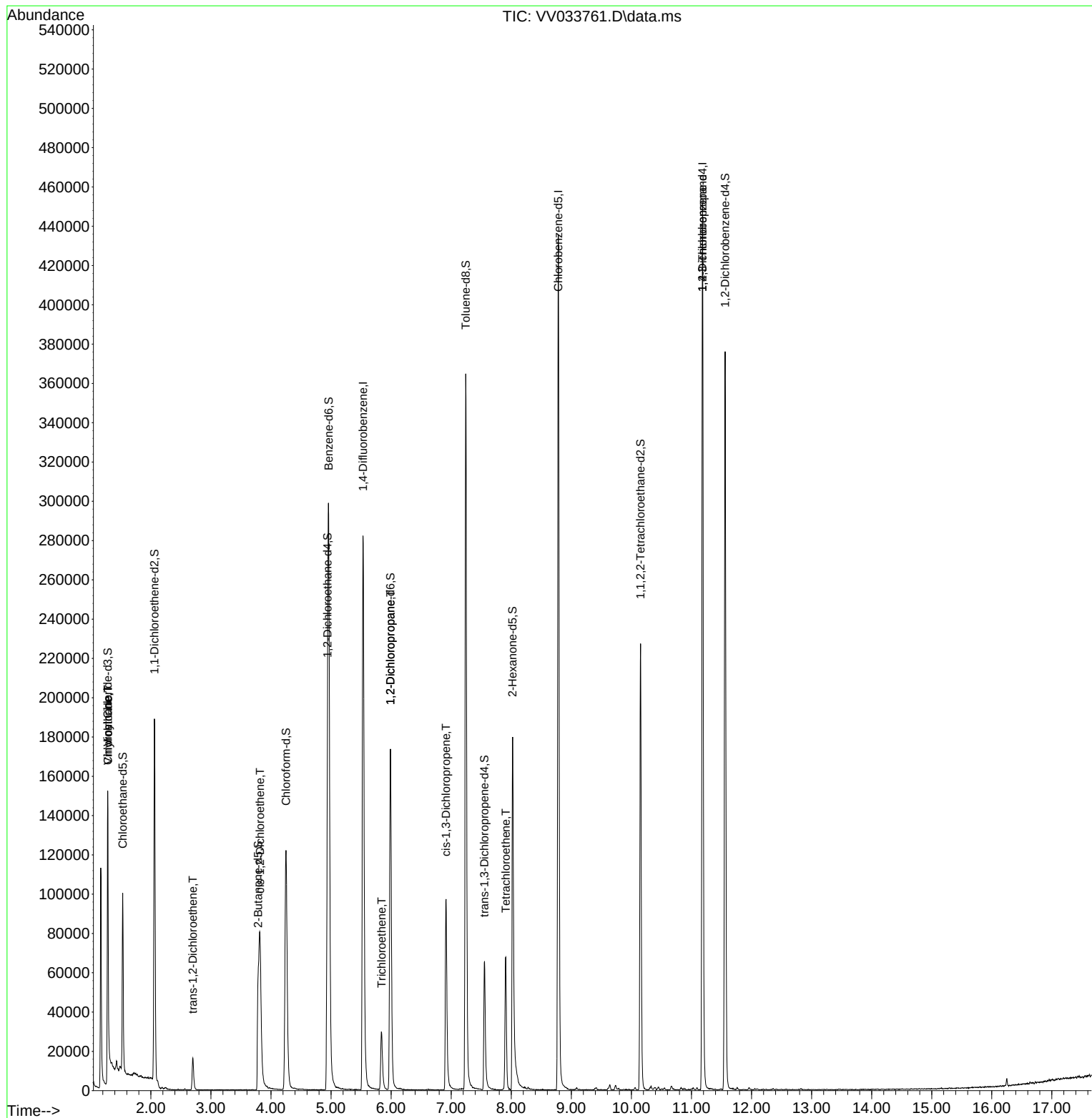
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	239468	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	225992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	67407	36.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.260%
7) Chloroethane-d5	1.532	69	57684	39.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.160%
11) 1,1-Dichloroethene-d2	2.060	65	32611	41.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.340%
21) 2-Butanone-d5	3.786	46	85764	67.939	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.940%
24) Chloroform-d	4.249	84	131151	39.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.700%
26) 1,2-Dichloroethane-d4	4.941	65	90962	42.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.560%
32) Benzene-d6	4.960	84	260072	40.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.960%
36) 1,2-Dichloropropane-d6	5.989	67	83069	39.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.560%
41) Toluene-d8	7.243	98	234818	40.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.120%
43) trans-1,3-Dichloroprop...	7.555	79	39435	37.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.460%
47) 2-Hexanone-d5	8.021	63	62451	71.191	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.190%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	105604	39.115	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.220%
66) 1,2-Dichlorobenzene-d4	11.561	152	92492	43.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.420%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	15580	7.189	ug/L #	1
8) Chloroethane	1.285	64	45090	34.892	ug/L #	61
17) trans-1,2-Dichloroethene	2.699	96	6183	3.851	ug/L	96
20) cis-1,2-Dichloroethene	3.818	96	36017	20.158	ug/L	96
34) Trichloroethene	5.841	95	10707	6.013	ug/L	96
37) 1,2-Dichloropropane	5.989	63	9798	5.364	ug/L #	88
39) cis-1,3-Dichloropropene	6.911	75	2763	0.906	ug/L #	60
46) Tetrachloroethene	7.908	164	15108	11.568	ug/L	96
61) 1,2,3-Trichloropropane	11.185	75	14136	7.141	ug/L #	66

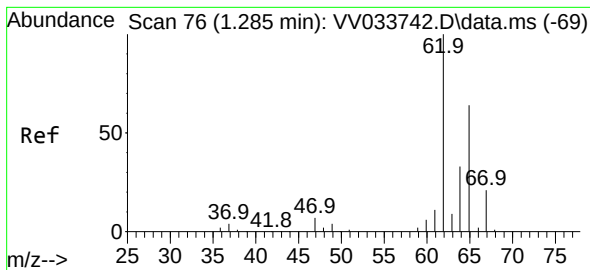
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 19 22:25:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
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QLast Update : Fri Jan 19 22:20:26 2024
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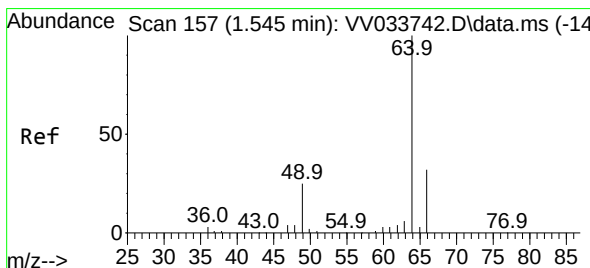
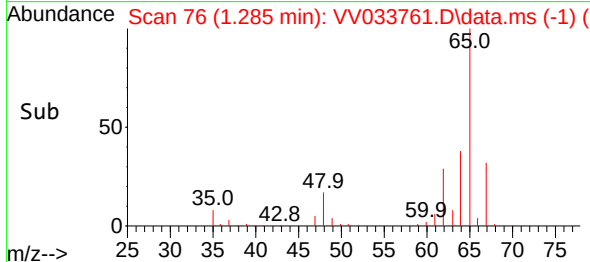
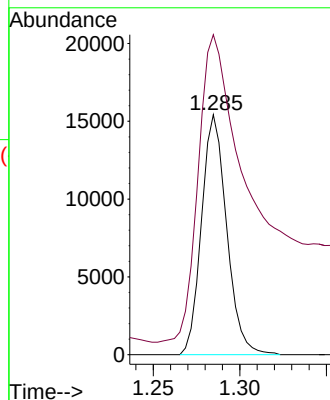
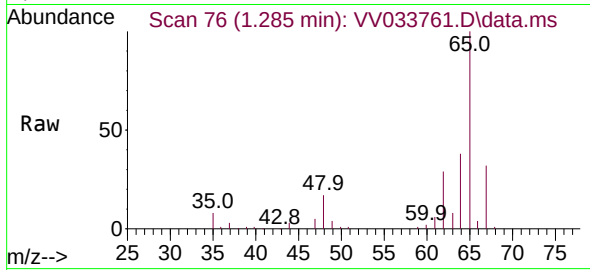




#5
 Vinyl chloride
 Concen: 7.189 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033761.D
 Acq: 19 Jan 2024 18:00

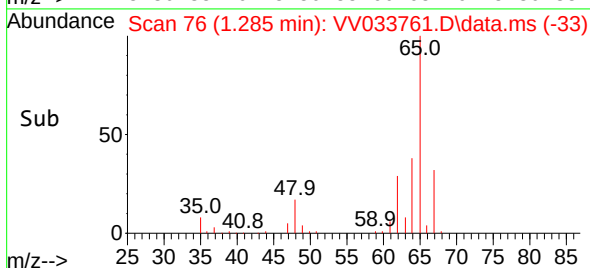
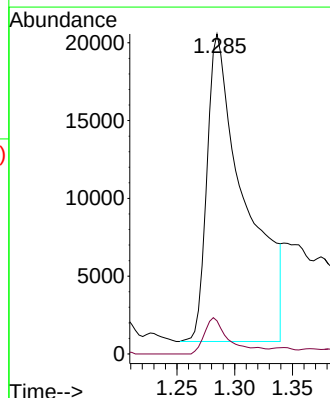
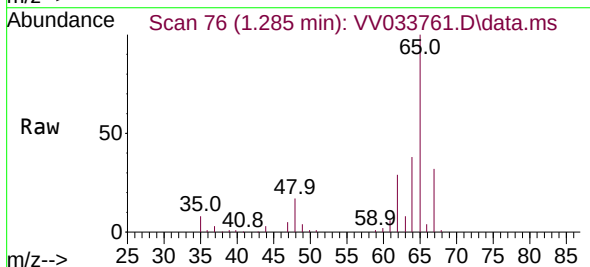
Instrument : MSVOA_V
 ClientSampleId :

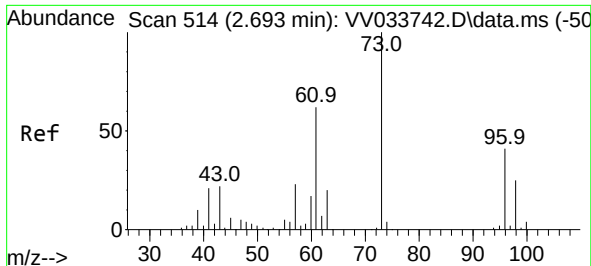
Tgt Ion: 62 Resp: 15580
 Ion Ratio Lower Upper
 62 100
 64 133.3 23.2 43.0#



#8
 Chloroethane
 Concen: 34.892 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.261 min
 Lab File: VV033761.D
 Acq: 19 Jan 2024 18:00

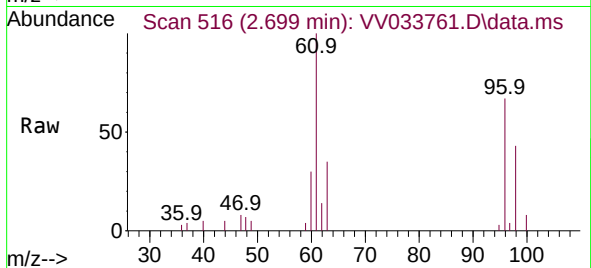
Tgt Ion: 64 Resp: 45090
 Ion Ratio Lower Upper
 64 100
 66 10.3 22.5 41.9#



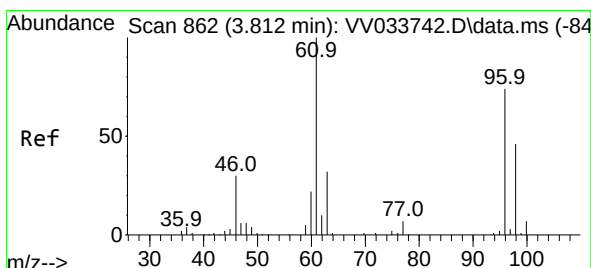
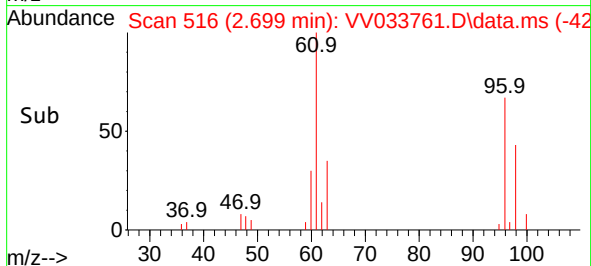
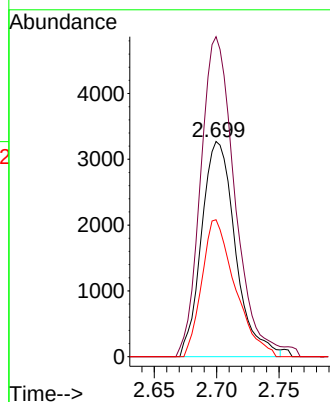


#17
 trans-1,2-Dichloroethene
 Concen: 3.851 ug/L
 RT: 2.699 min Scan# 514
 Delta R.T. 0.006 min
 Lab File: VV033761.D
 Acq: 19 Jan 2024 18:00

Instrument :
 MSVOA_V
 ClientSampleId :

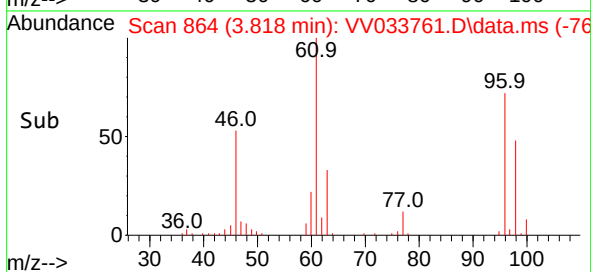
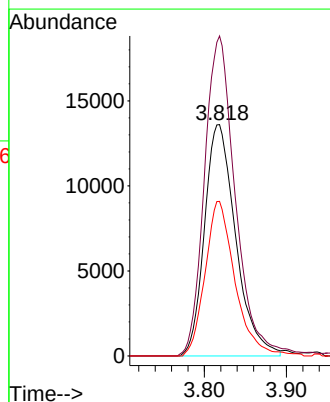
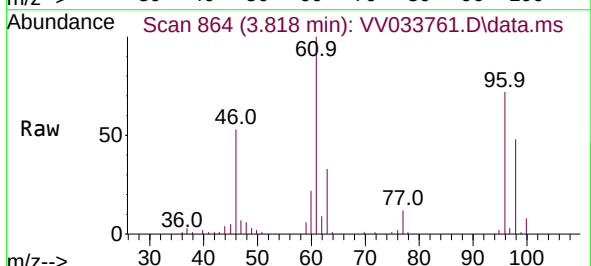


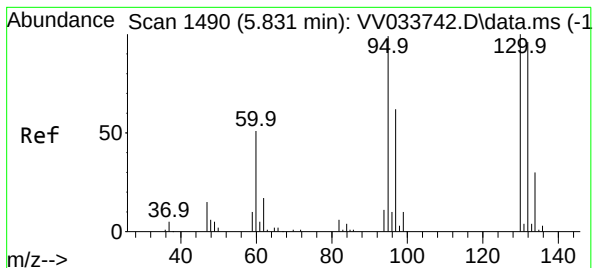
Tgt Ion: 96 Resp: 6183
 Ion Ratio Lower Upper
 96 100
 61 148.7 108.4 201.4
 98 63.7 43.8 81.4



#20
 cis-1,2-Dichloroethene
 Concen: 20.158 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VV033761.D
 Acq: 19 Jan 2024 18:00

Tgt Ion: 96 Resp: 36017
 Ion Ratio Lower Upper
 96 100
 61 138.4 100.6 186.8
 98 66.8 44.6 82.8





#34

Trichloroethene

Concen: 6.013 ug/L

RT: 5.841 min Scan# 1490

Delta R.T. 0.010 min

Lab File: VV033761.D

Acq: 19 Jan 2024 18:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 10707

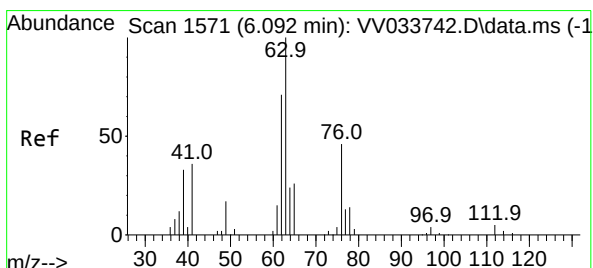
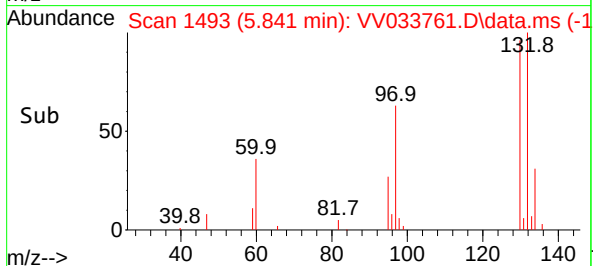
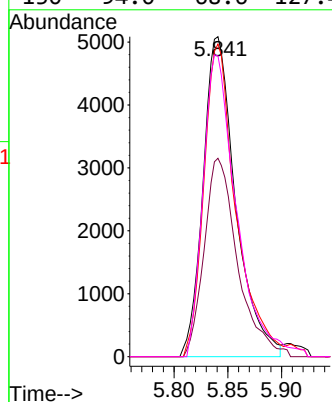
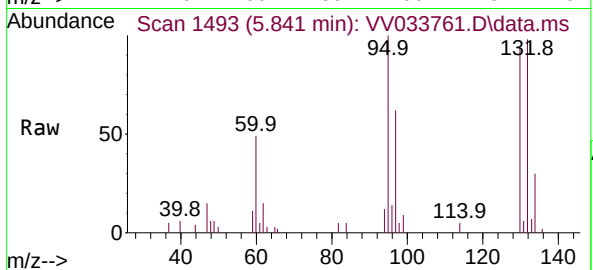
Ion Ratio Lower Upper

95 100

97 62.0 44.4 82.4

132 97.7 65.5 121.7

130 94.0 68.6 127.4



#37

1,2-Dichloropropane

Concen: 5.364 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV033761.D

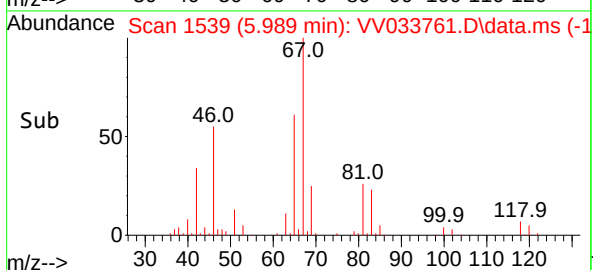
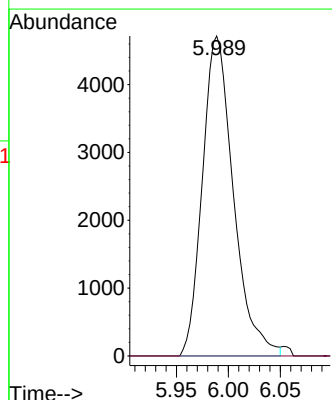
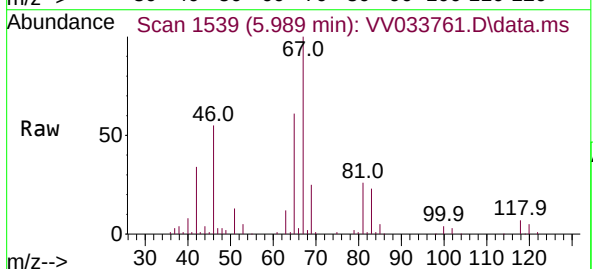
Acq: 19 Jan 2024 18:00

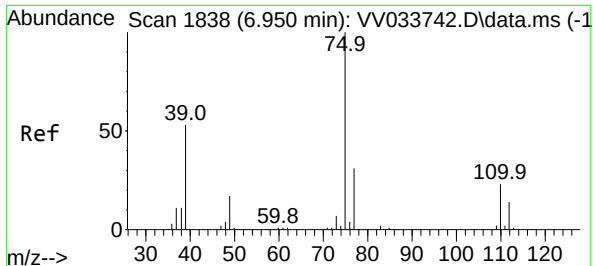
Tgt Ion: 63 Resp: 9798

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.906 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV033761.D

Acq: 19 Jan 2024 18:00

Instrument :

MSVOA_V

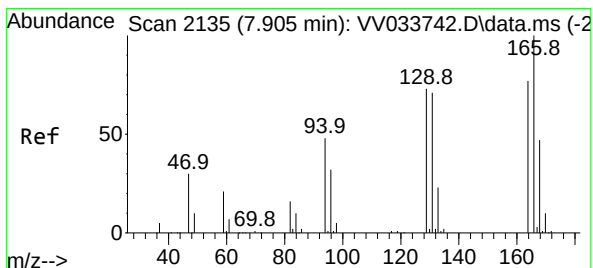
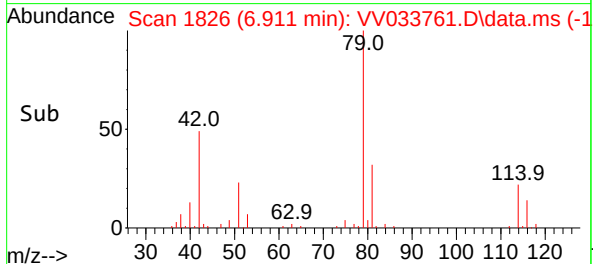
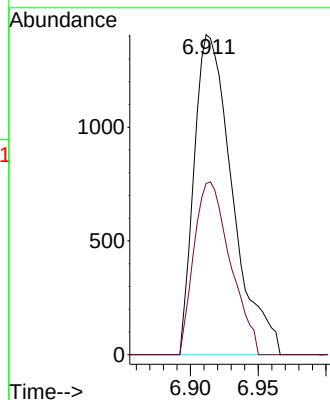
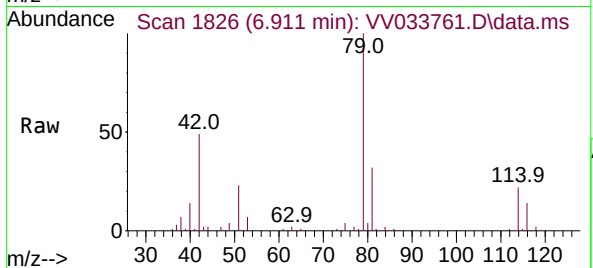
ClientSampleId :

Tgt Ion: 75 Resp: 2763

Ion Ratio Lower Upper

75 100

77 53.5 22.0 41.0#



#46

Tetrachloroethene

Concen: 11.568 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033761.D

Acq: 19 Jan 2024 18:00

Tgt Ion: 164 Resp: 15108

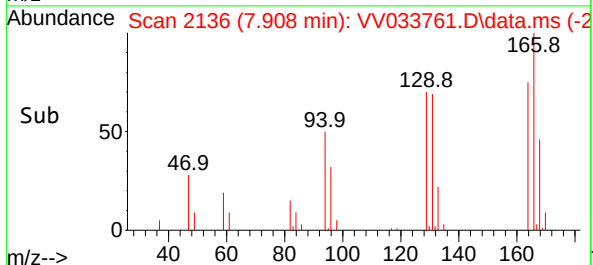
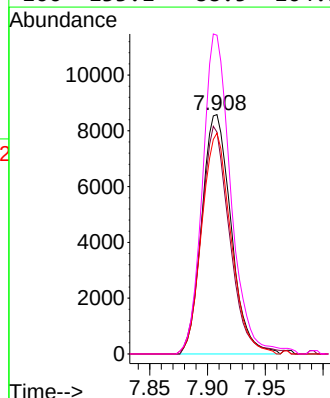
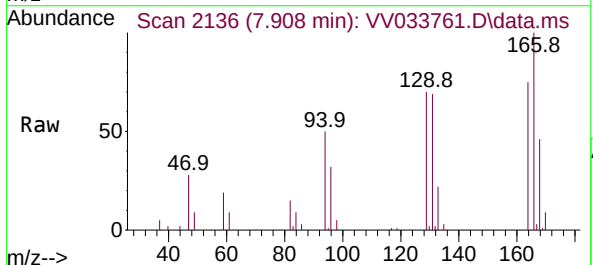
Ion Ratio Lower Upper

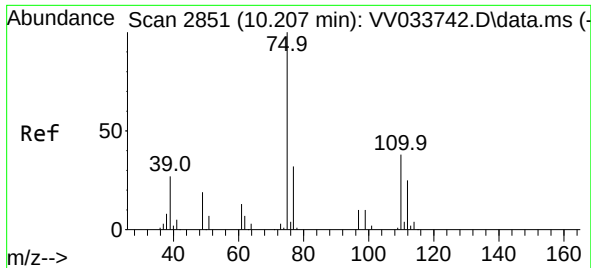
164 100

129 92.6 66.1 122.7

131 92.2 65.9 122.5

166 133.1 88.5 164.3





#61

1,2,3-Trichloropropane

Concen: 7.141 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.977 min

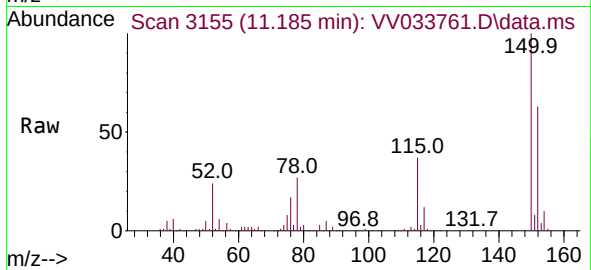
Lab File: VV033761.D

Acq: 19 Jan 2024 18:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 14136

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9

110 3.4 29.5 44.3#

