

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033799.D
 Acq On : 22 Jan 2024 13:48
 Operator : SY/MD
 Sample : P1190-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMT6

Quant Time: Jan 22 23:44:15 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)

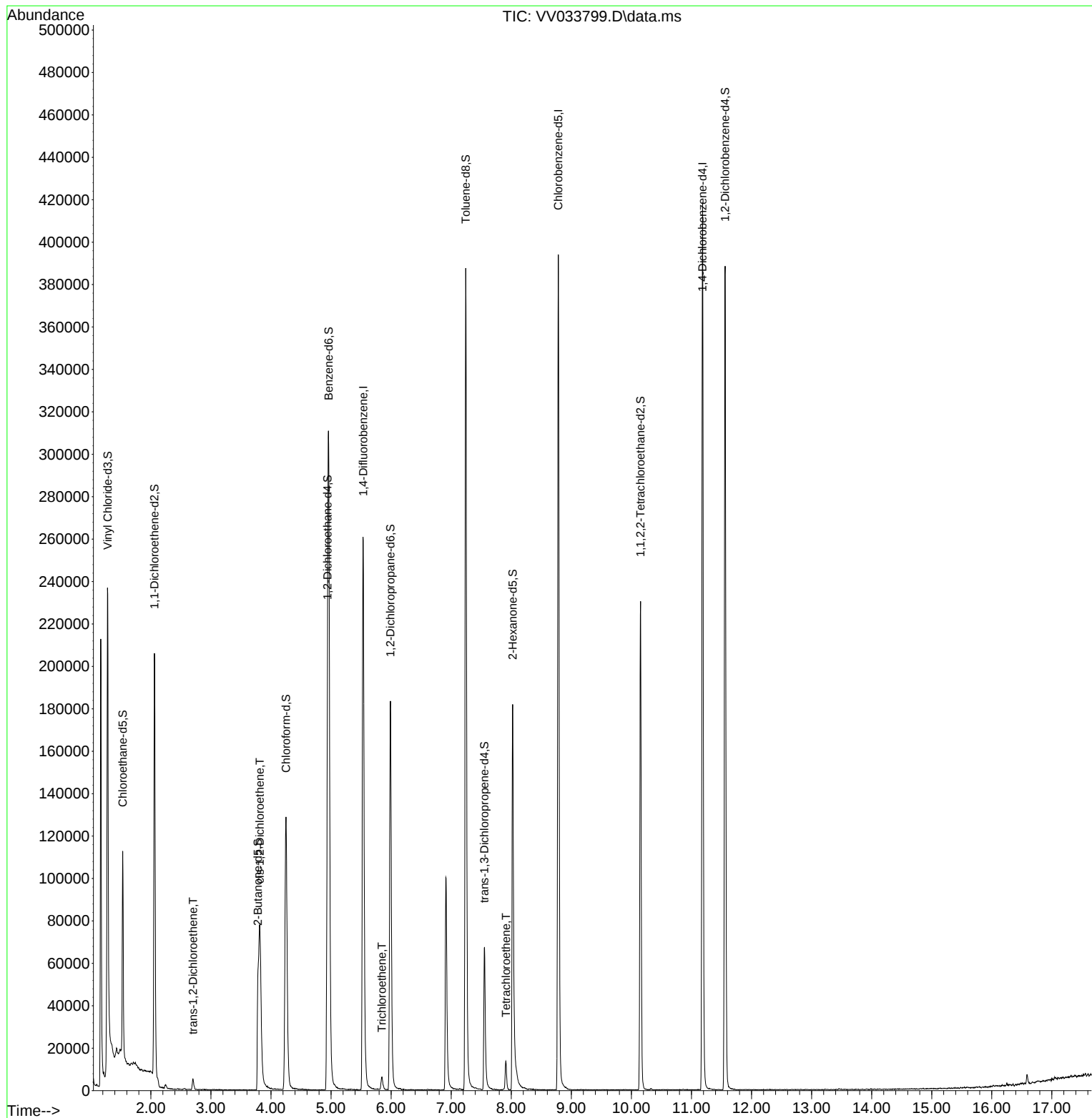
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	223509	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	210665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	104905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	75237	43.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	61585	45.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.540%
11) 1,1-Dichloroethene-d2	2.060	65	34850	47.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.280%
21) 2-Butanone-d5	3.783	46	81390	69.078	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.080%
24) Chloroform-d	4.249	84	136012	44.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.560%
26) 1,2-Dichloroethane-d4	4.941	65	94236	47.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
32) Benzene-d6	4.960	84	274765	45.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
36) 1,2-Dichloropropane-d6	5.989	67	86628	43.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.880%
41) Toluene-d8	7.243	98	254535	47.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
43) trans-1,3-Dichloroprop...	7.555	79	40098	41.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.320%
47) 2-Hexanone-d5	8.024	63	62671	76.640	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	108687	43.185	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.380%
66) 1,2-Dichlorobenzene-d4	11.561	152	96974	48.722	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.440%
Target Compounds						
17) trans-1,2-Dichloroethene	2.703	96	1839	1.227	ug/L	87
20) cis-1,2-Dichloroethene	3.815	96	35617	21.358	ug/L	91
34) Trichloroethene	5.847	95	2315	1.395	ug/L	89
46) Tetrachloroethene	7.912	164	3082	2.532	ug/L	96

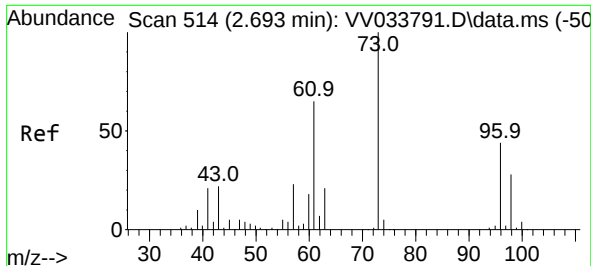
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration





#17

trans-1,2-Dichloroethene

Concen: 1.227 ug/L

RT: 2.703 min Scan# 514

Delta R.T. 0.010 min

Lab File: VV033799.D

Acq: 22 Jan 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

DCMT6

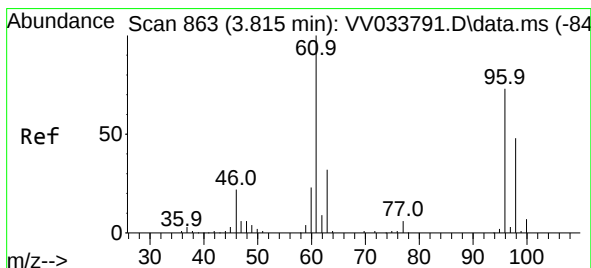
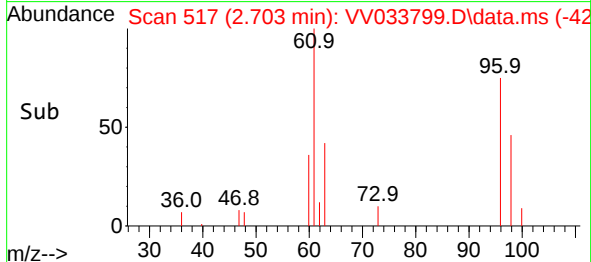
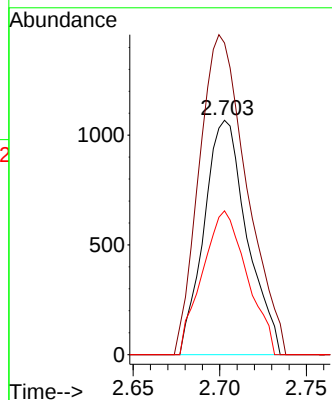
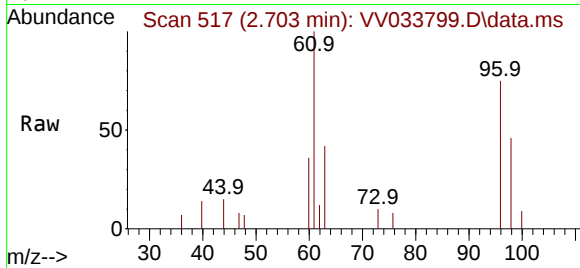
Tgt Ion: 96 Resp: 1839

Ion Ratio Lower Upper

96 100

61 133.0 108.4 201.4

98 61.3 43.8 81.4



#20

cis-1,2-Dichloroethene

Concen: 21.358 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV033799.D

Acq: 22 Jan 2024 13:48

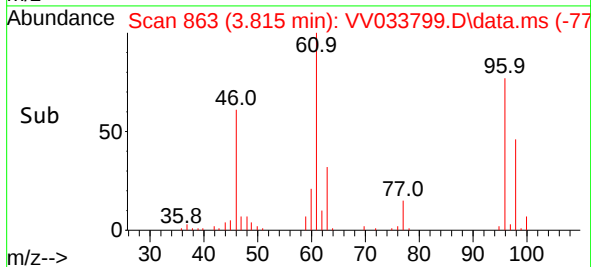
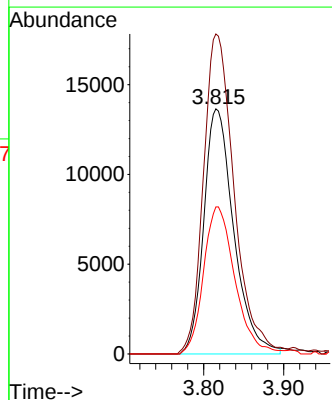
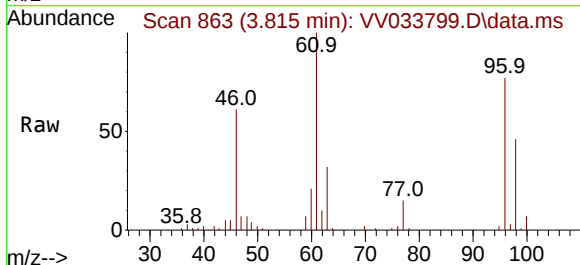
Tgt Ion: 96 Resp: 35617

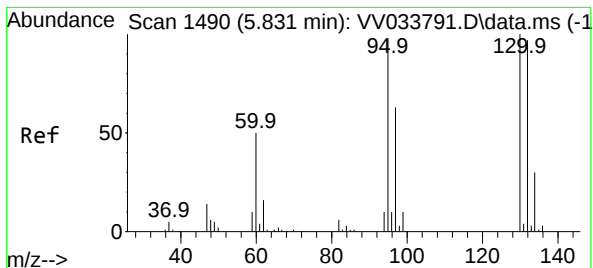
Ion Ratio Lower Upper

96 100

61 130.6 100.6 186.8

98 60.0 44.6 82.8





#34

Trichloroethene

Concen: 1.395 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.016 min

Lab File: VV033799.D

Acq: 22 Jan 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

DCMT6

Tgt Ion: 95 Resp: 2315

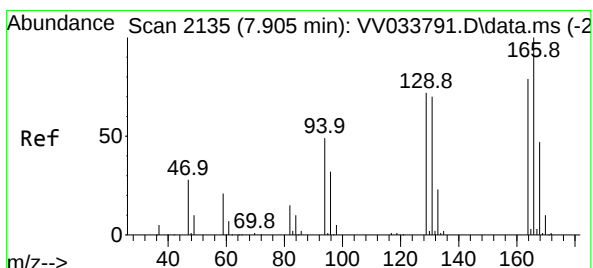
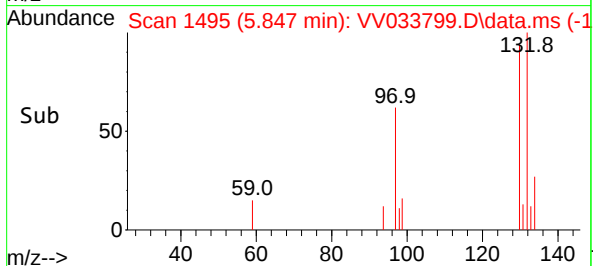
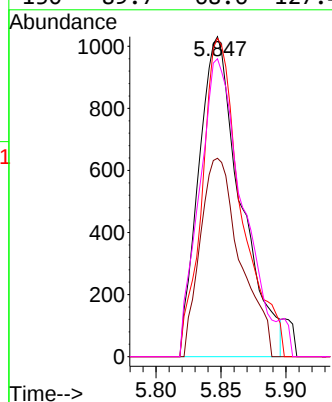
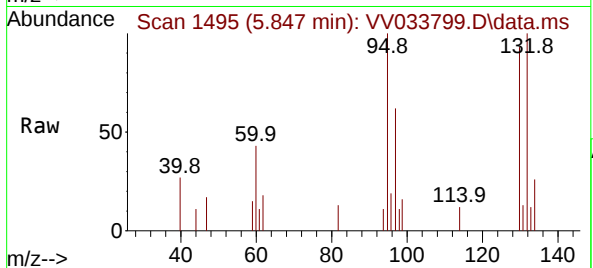
Ion Ratio Lower Upper

95 100

97 52.2 44.4 82.4

132 83.8 65.5 121.7

130 89.7 68.6 127.4



#46

Tetrachloroethene

Concen: 2.532 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV033799.D

Acq: 22 Jan 2024 13:48

Tgt Ion:164 Resp: 3082

Ion Ratio Lower Upper

164 100

129 97.0 66.1 122.7

131 87.1 65.9 122.5

166 122.7 88.5 164.3

