

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037587.D
 Acq On : 27 Sep 2024 06:11
 Operator : SY/MD
 Sample : P4185-15
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY063

Quant Time: Sep 27 06:35:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

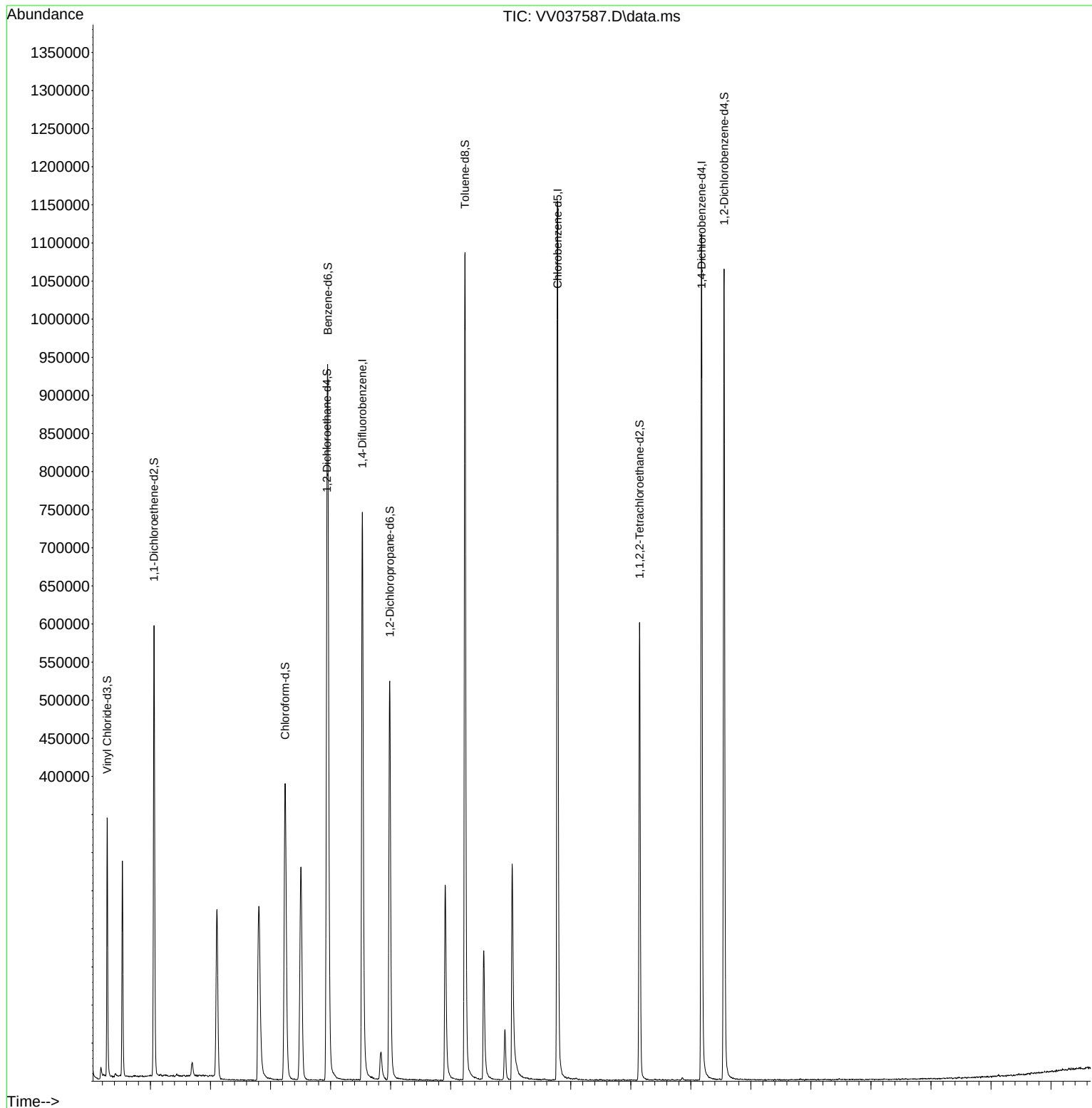
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	662322	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	636879	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	292810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	223722	38.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.960%		
7) Chloroethane-d5	1.532	69	183842	40.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.480%		
11) 1,1-Dichloroethene-d2	2.059	65	98233	40.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.880%		
21) 2-Butanone-d5	3.793	46	162921	78.672	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.670%		
24) Chloroform-d	4.243	84	424427	41.031	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.060%		
26) 1,2-Dichloroethane-d4	4.937	65	251864	41.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.200%		
32) Benzene-d6	4.953	84	842480	42.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.540%		
36) 1,2-Dichloropropane-d6	5.985	67	266498	41.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.980%		
41) Toluene-d8	7.239	98	731741	40.492	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.980%		
43) trans-1,3-Dichloroprop...	7.551	79	107466	36.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.900%		
47) 2-Hexanone-d5	8.024	63	99300	74.103	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.100%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	294175	39.895	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.800%		
66) 1,2-Dichlorobenzene-d4	11.554	152	276267	44.775	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.560%		
Target Compounds					Qvalue	
17) trans-1,2-Dichloroethene	2.696	96	6030	1.293	ug/L	93
19) 1,1-Dichloroethane	3.108	63	218648	24.464	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	93434	17.899	ug/L	95
30) 1,1,1-Trichloroethane	4.506	97	234883	29.944	ug/L	99
34) Trichloroethene	5.844	95	13251	2.591	ug/L	94
46) Tetrachloroethene	7.902	164	15418	3.942	ug/L	96

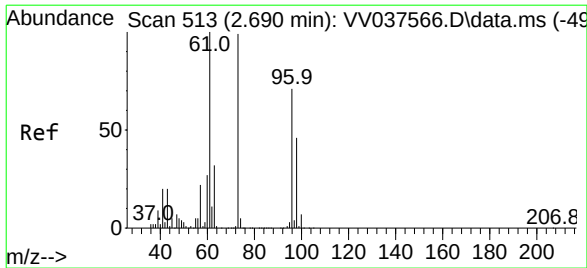
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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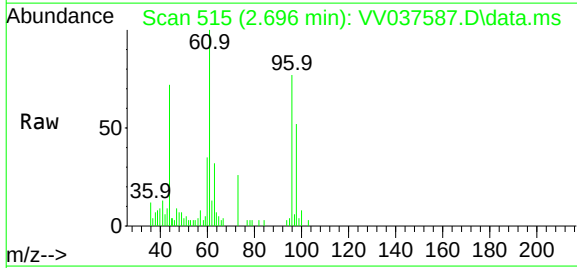
Quant Time: Sep 27 06:35:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
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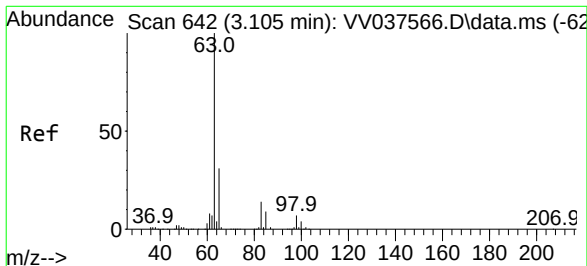
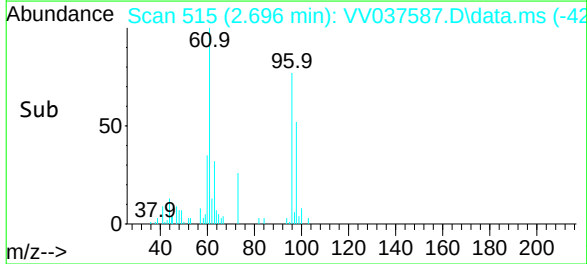
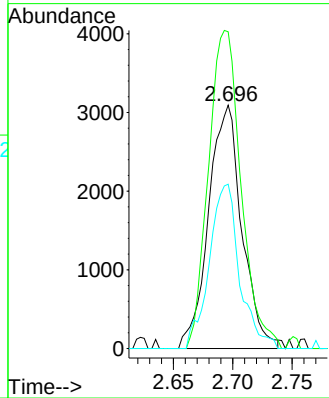


#17
trans-1,2-Dichloroethene
Concen: 1.293 ug/L
RT: 2.696 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV037587.D
Acq: 27 Sep 2024 06:11

Instrument :
MSVOA_V
ClientSampleId :
EY063

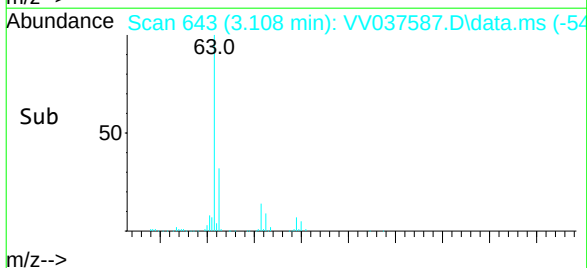
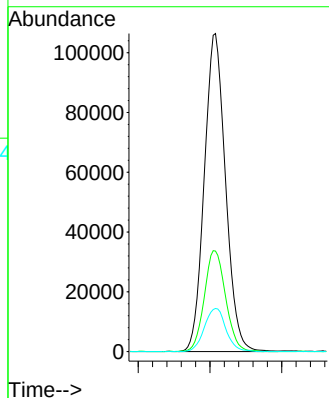
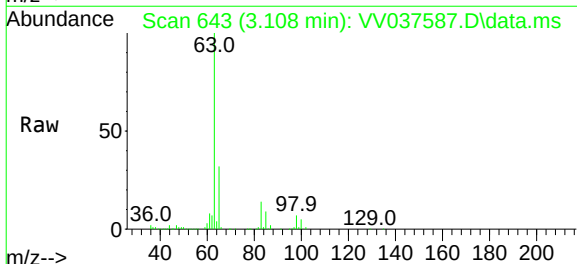


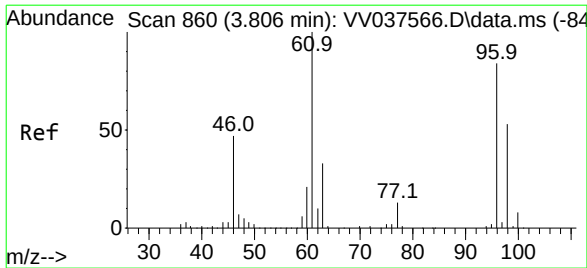
Tgt Ion: 96 Resp: 6030
Ion Ratio Lower Upper
96 100
61 130.2 97.3 180.7
98 67.5 43.9 81.5



#19
1,1-Dichloroethane
Concen: 24.464 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV037587.D
Acq: 27 Sep 2024 06:11

Tgt Ion: 63 Resp: 218648
Ion Ratio Lower Upper
63 100
65 31.6 22.4 41.6
83 13.6 9.5 17.7

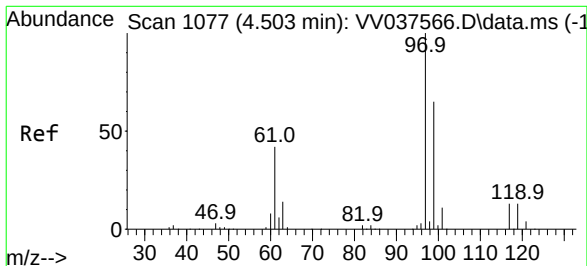
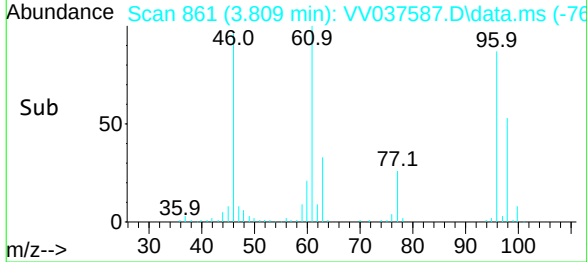
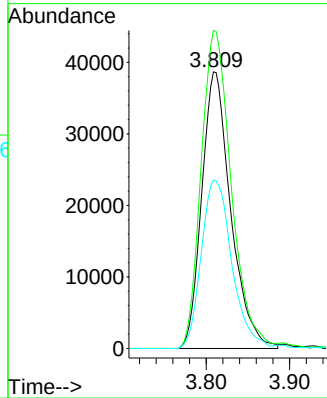
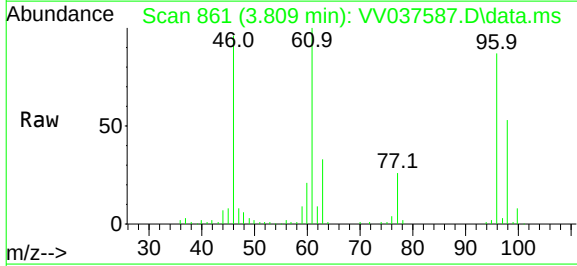




#20
 cis-1,2-Dichloroethene
 Concen: 17.899 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV037587.D
 Acq: 27 Sep 2024 06:11

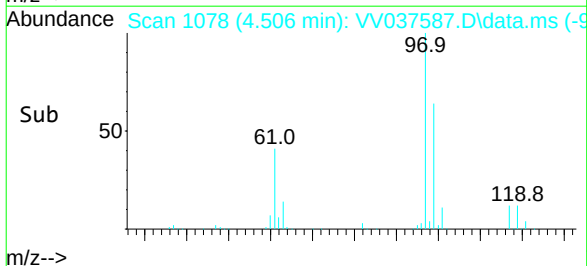
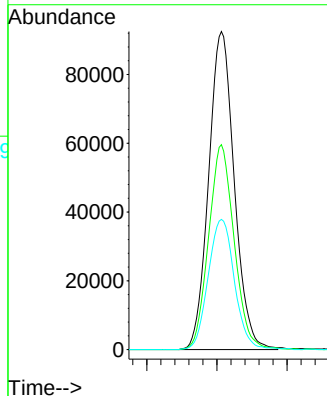
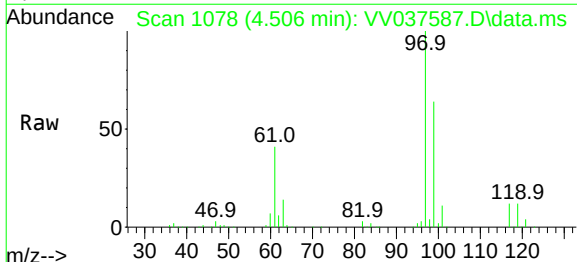
Instrument :
 MSVOA_V
 ClientSampleId :
 EY063

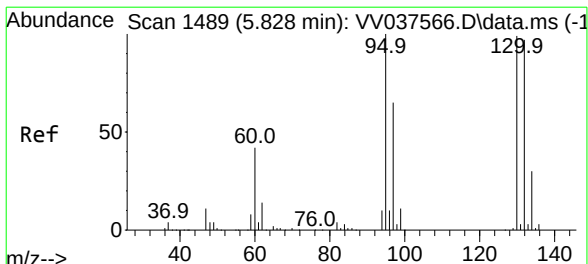
Tgt Ion: 96 Resp: 93434
 Ion Ratio Lower Upper
 96 100
 61 115.0 85.0 157.8
 98 60.9 44.2 82.0



#30
 1,1,1-Trichloroethane
 Concen: 29.944 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.003 min
 Lab File: VV037587.D
 Acq: 27 Sep 2024 06:11

Tgt Ion: 97 Resp: 234883
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.8 77.6
 61 41.8 33.6 50.4





#34

Trichloroethene

Concen: 2.591 ug/L

RT: 5.844 min Scan# 14

Delta R.T. 0.016 min

Lab File: VV037587.D

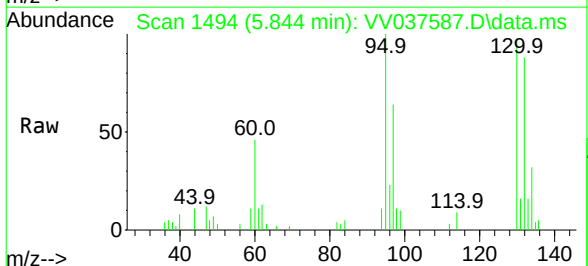
Acq: 27 Sep 2024 06:11

Instrument :

MSVOA_V

ClientSampleId :

EY063



Tgt Ion: 95 Resp: 13251

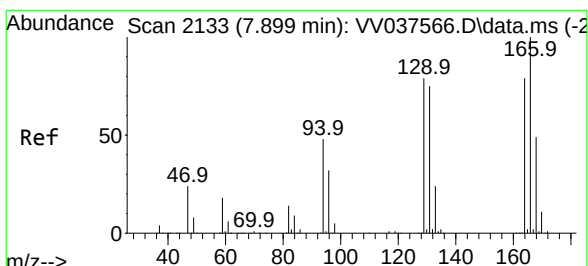
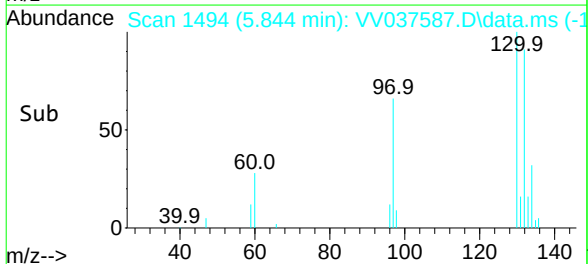
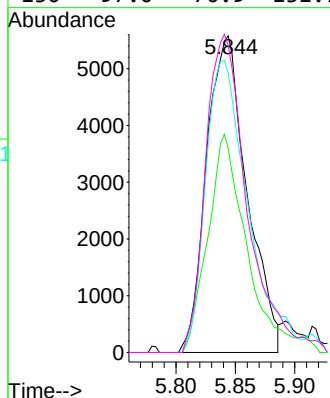
Ion Ratio Lower Upper

95 100

97 64.5 46.3 85.9

132 88.3 68.6 127.4

130 97.0 70.9 131.7



#46

Tetrachloroethene

Concen: 3.942 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037587.D

Acq: 27 Sep 2024 06:11

Tgt Ion: 164 Resp: 15418

Ion Ratio Lower Upper

164 100

129 99.8 68.2 126.6

131 99.9 66.1 122.8

166 125.5 91.1 169.1

