

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082323\
 Data File : VW031866.D
 Acq On : 23 Aug 2023 13:41
 Operator : SY/MD
 Sample : 04034-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 01:57:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:40:47 2023
 Response via : Initial Calibration

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

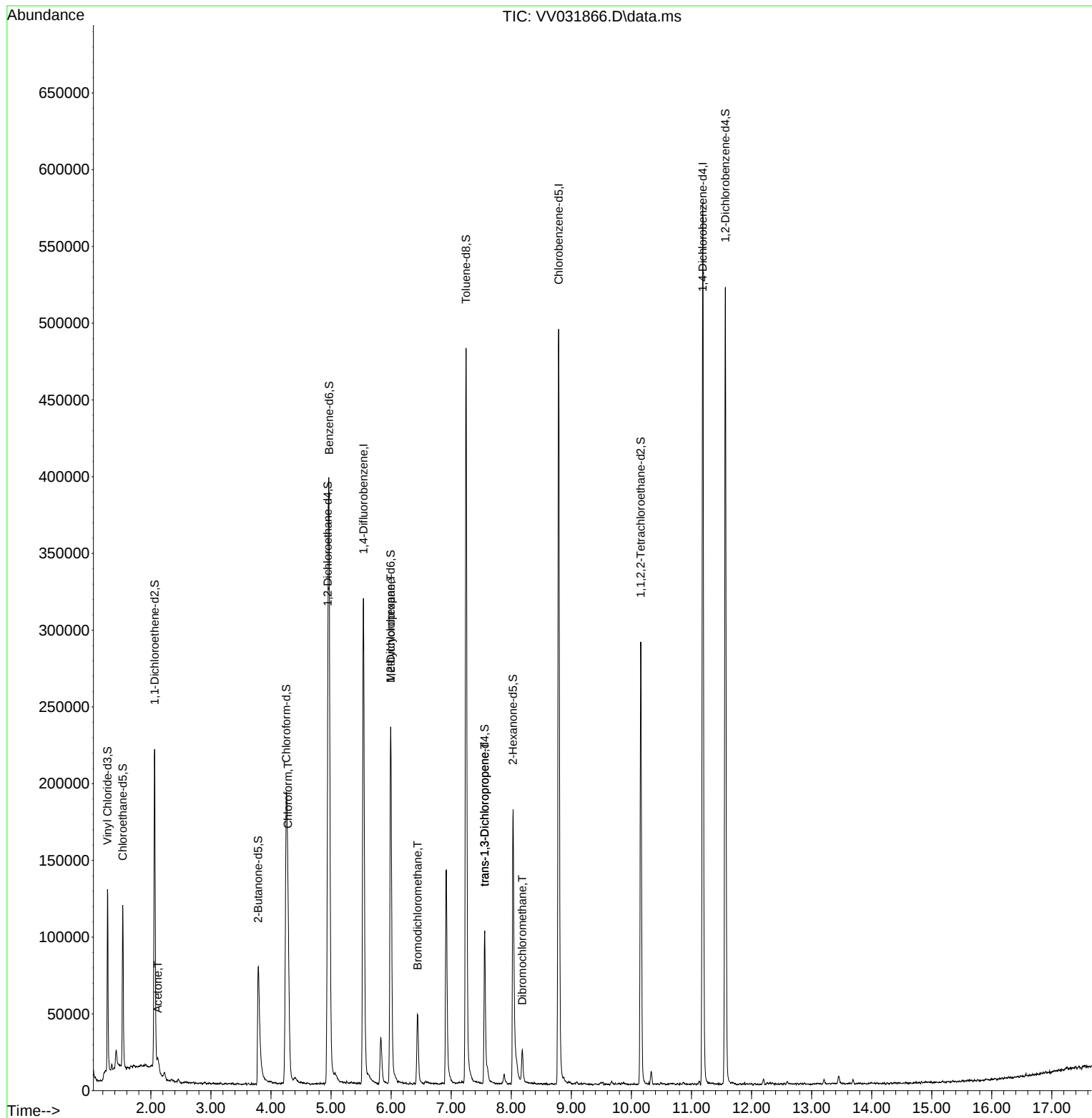
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	272055	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	269261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	140890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76751	45.078	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.160%		
7) Chloroethane-d5	1.532	69	70091	46.961	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.920%		
11) 1,1-Dichloroethene-d2	2.063	65	35656	44.724	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.440%		
21) 2-Butanone-d5	3.786	46	127447	95.173	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.170%		
24) Chloroform-d	4.252	84	174455	46.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.760%		
26) 1,2-Dichloroethane-d4	4.947	65	116847	47.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
32) Benzene-d6	4.966	84	349331	47.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.100%		
36) 1,2-Dichloropropane-d6	5.992	67	114983	48.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.240%		
41) Toluene-d8	7.246	98	320289	47.311	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
43) trans-1,3-Dichloroprop...	7.558	79	57572	46.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.940%		
47) 2-Hexanone-d5	8.030	63	64666	89.216	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.220%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	142746	46.711	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.420%		
66) 1,2-Dichlorobenzene-d4	11.564	152	126805	49.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.740%		
Target Compounds					Qvalue	
13) Acetone	2.114	43	5344	4.484	ug/L	89
25) Chloroform	4.281	83	95807	26.303	ug/L	99
35) Methylcyclohexane	5.992	83	27928	9.490	ug/L #	18
38) Bromodichloromethane	6.439	83	33250	11.423	ug/L	100
44) trans-1,3-Dichloropropene	7.558	75	2685	0.784	ug/L	89
49) Dibromochloromethane	8.185	129	11172	5.248	ug/L	98

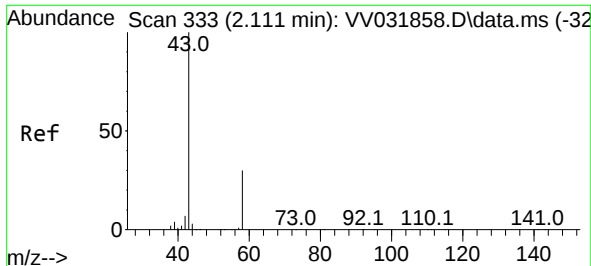
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 24 01:40:47 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.484 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031866.D

Acq: 23 Aug 2023 13:41

Instrument :

MSVOA_V

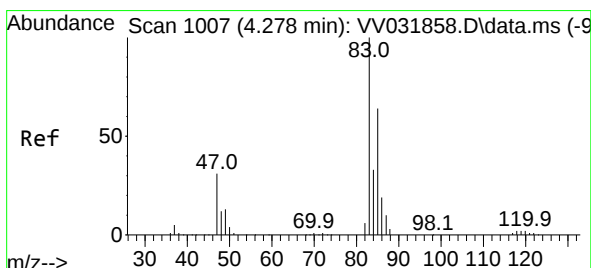
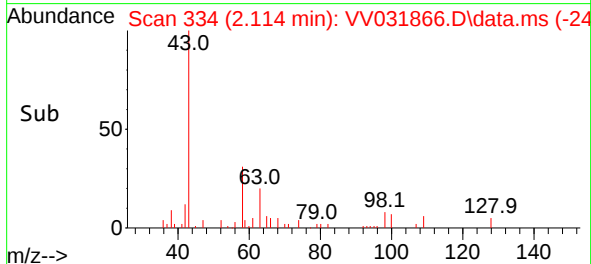
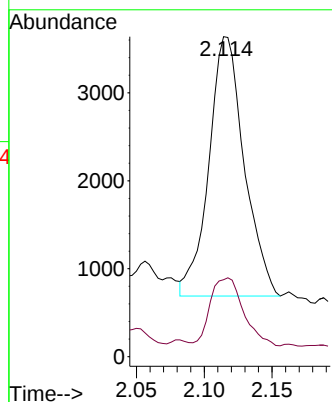
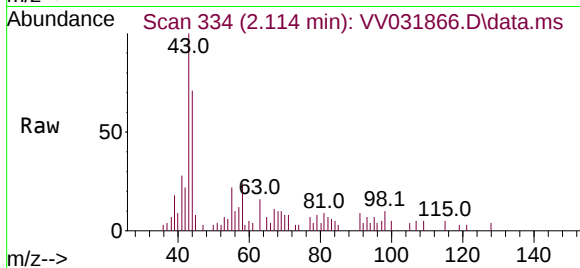
ClientSampleId :

Tgt Ion: 43 Resp: 5344

Ion Ratio Lower Upper

43 100

58 24.6 0.0 61.0



#25

Chloroform

Concen: 26.303 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031866.D

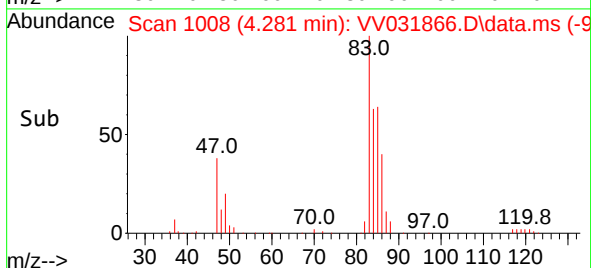
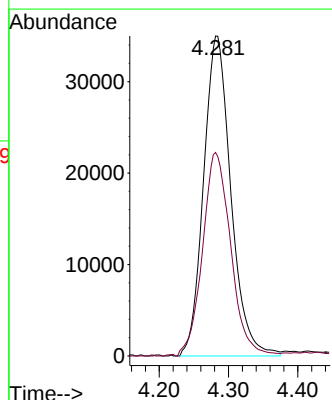
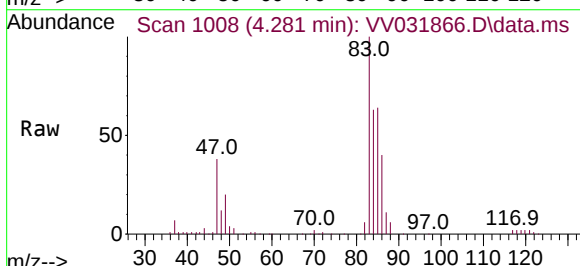
Acq: 23 Aug 2023 13:41

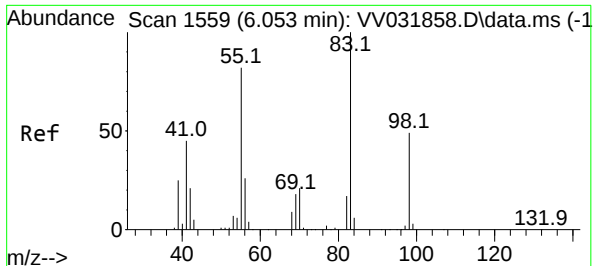
Tgt Ion: 83 Resp: 95807

Ion Ratio Lower Upper

83 100

85 63.6 44.9 83.3





#35

Methylcyclohexane

Concen: 9.490 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.061 min

Lab File: VV031866.D

Acq: 23 Aug 2023 13:41

Instrument :

MSVOA_V

ClientSampleId :

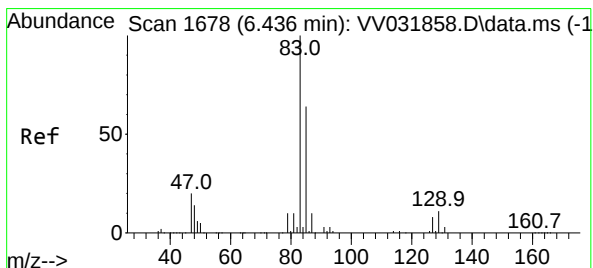
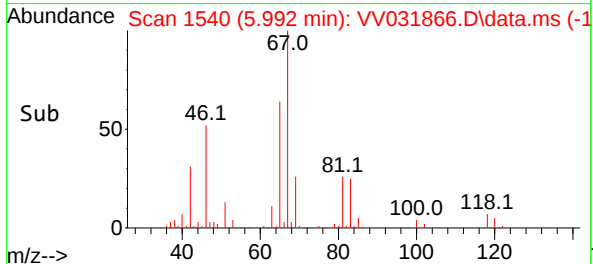
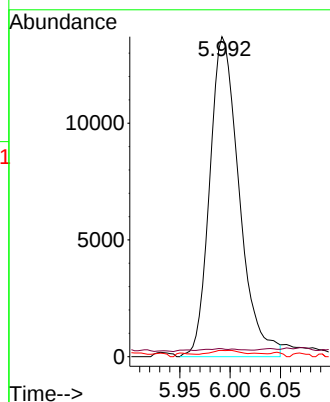
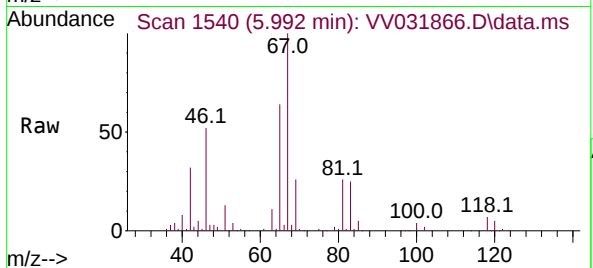
Tgt Ion: 83 Resp: 27928

Ion Ratio Lower Upper

83 100

55 0.3 62.2 93.2#

98 0.6 36.7 55.1#



#38

Bromodichloromethane

Concen: 11.423 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV031866.D

Acq: 23 Aug 2023 13:41

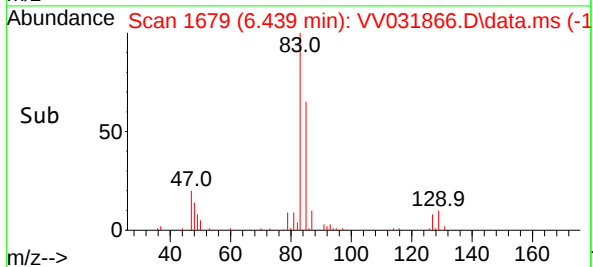
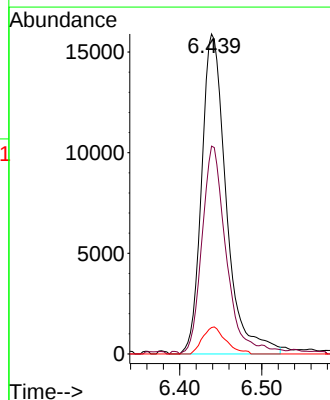
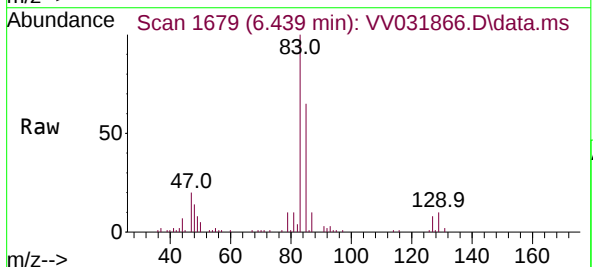
Tgt Ion: 83 Resp: 33250

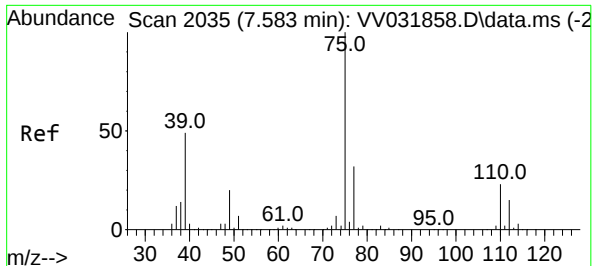
Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0

127 8.3 6.3 9.5

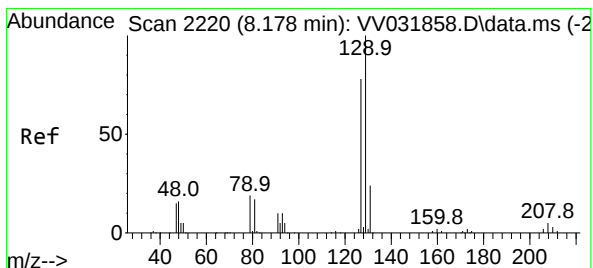
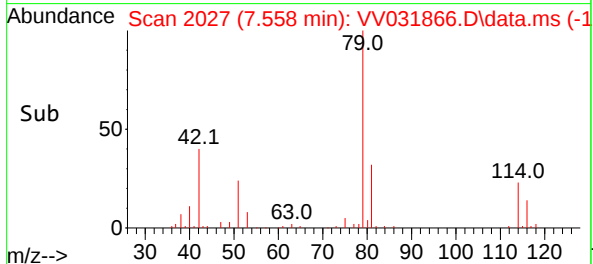
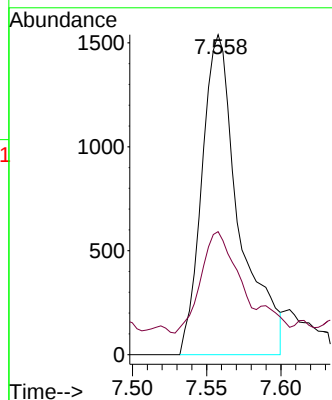
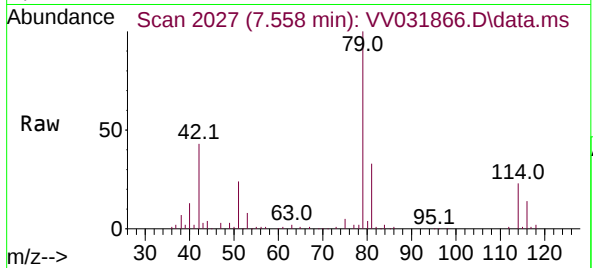




#44
trans-1,3-Dichloropropene
Concen: 0.784 ug/L
RT: 7.558 min Scan# 2035
Delta R.T. -0.026 min
Lab File: VV031866.D
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2685
Ion Ratio Lower Upper
75 100
77 38.5 22.5 41.9



#49
Dibromochloromethane
Concen: 5.248 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.006 min
Lab File: VV031866.D
Acq: 23 Aug 2023 13:41

Tgt Ion: 129 Resp: 11172
Ion Ratio Lower Upper
129 100
127 76.1 54.7 101.7

