

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061424\
 Data File : VW036084.D
 Acq On : 14 Jun 2024 11:10
 Operator : SY/MD
 Sample : P2850-12
 Misc : 5.24g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB55

Quant Time: Jun 15 01:31:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

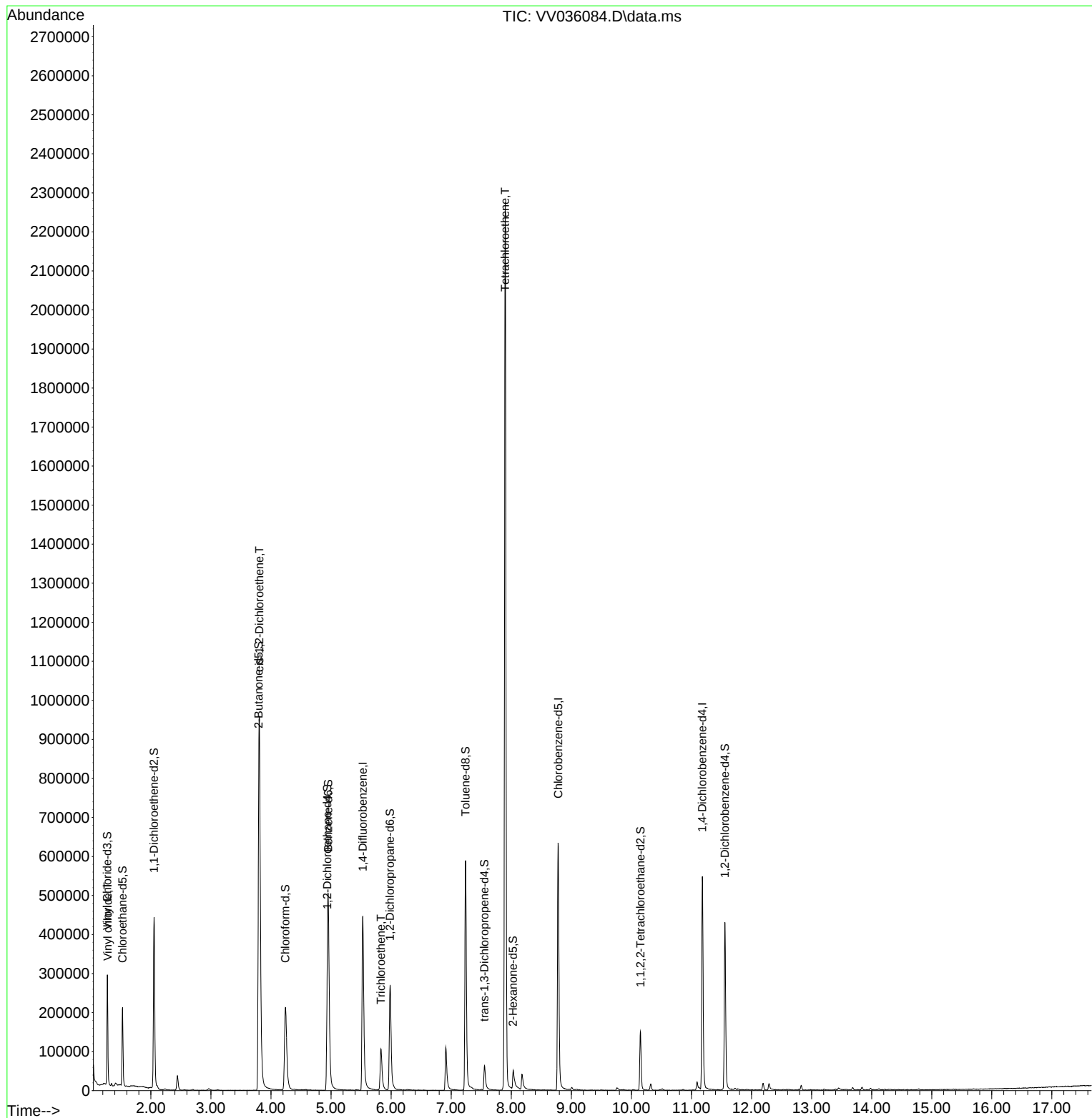
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	397905	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	358307	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146795	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	177810	24.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
7) Chloroethane-d5	1.529	69	134669	23.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	2.053	65	76109	23.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.480%
21) 2-Butanone-d5	3.796	46	20809	12.398	ug/L	-0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.800%
24) Chloroform-d	4.240	84	234652	18.549	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	4.937	65	100735	15.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.760%#
32) Benzene-d6	4.953	84	488257	22.924	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.680%
36) 1,2-Dichloropropane-d6	5.982	67	142476	21.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.960%
41) Toluene-d8	7.239	98	403954	21.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.555	79	42411	15.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.680%
47) 2-Hexanone-d5	8.030	63	17290	19.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.060%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	77636	15.490	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	112248	20.852	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.400%
Target Compounds						
5) Vinyl chloride	1.282	62	5666	0.654	ug/L #	46
20) cis-1,2-Dichloroethene	3.806	96	547288	80.469	ug/L	99
34) Trichloroethene	5.831	95	38038	5.296	ug/L	98
46) Tetrachloroethene	7.899	164	507090	96.535	ug/L	99

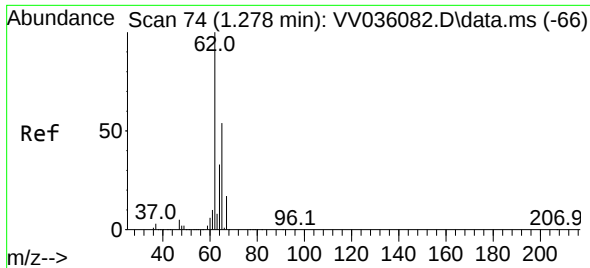
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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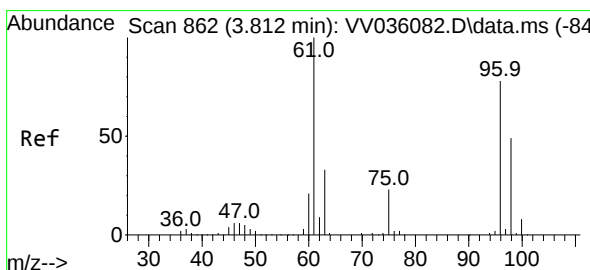
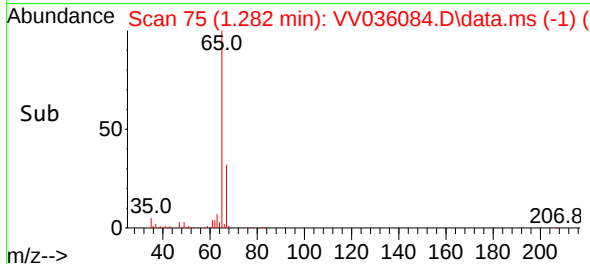
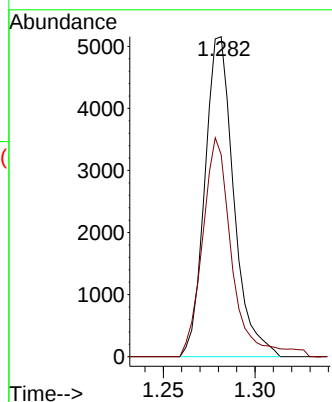
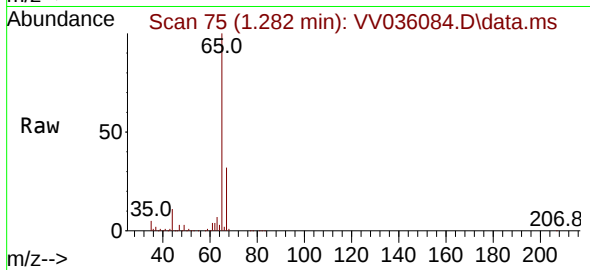




#5
 Vinyl chloride
 Concen: 0.654 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036084.D
 Acq: 14 Jun 2024 11:10

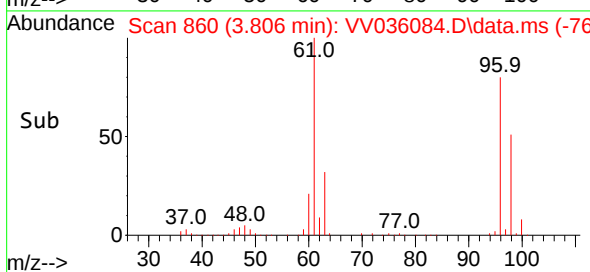
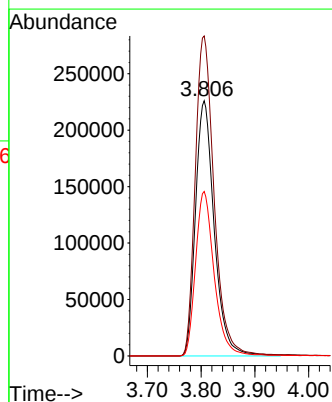
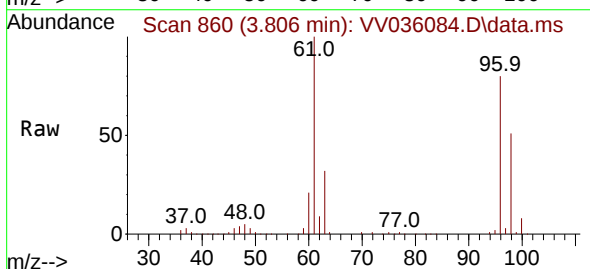
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB55

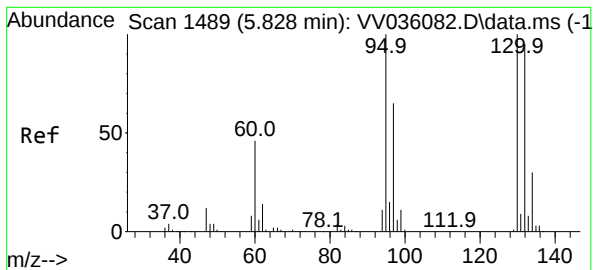
Tgt Ion: 62 Resp: 5666
 Ion Ratio Lower Upper
 62 100
 64 63.2 22.9 42.5#



#20
 cis-1,2-Dichloroethene
 Concen: 80.469 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. -0.007 min
 Lab File: VV036084.D
 Acq: 14 Jun 2024 11:10

Tgt Ion: 96 Resp: 547288
 Ion Ratio Lower Upper
 96 100
 61 125.4 87.9 163.3
 98 64.5 44.4 82.5





#34

Trichloroethene

Concen: 5.296 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV036084.D

Acq: 14 Jun 2024 11:10

Instrument :

MSVOA_V

ClientSampleId :

BHB55

Tgt Ion: 95 Resp: 38038

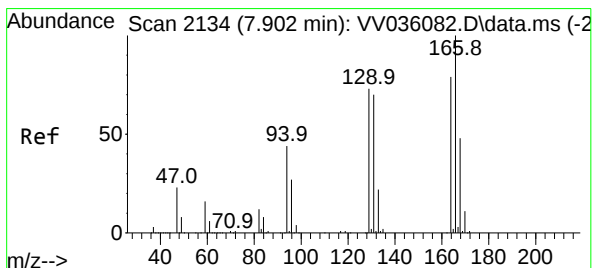
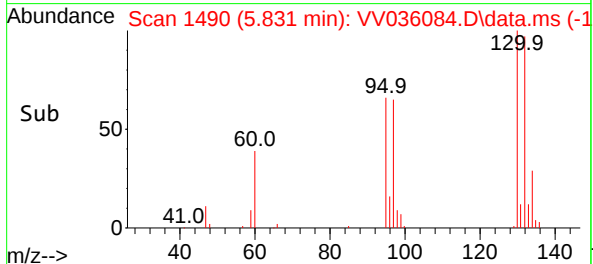
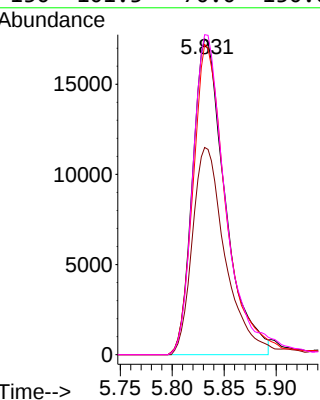
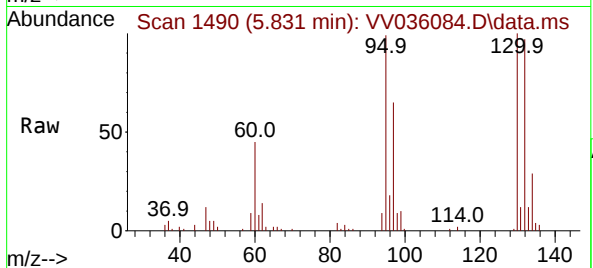
Ion Ratio Lower Upper

95 100

97 65.6 44.8 83.2

132 98.2 66.8 124.2

130 101.3 70.0 130.0



#46

Tetrachloroethene

Concen: 96.535 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.003 min

Lab File: VV036084.D

Acq: 14 Jun 2024 11:10

Tgt Ion: 164 Resp: 507090

Ion Ratio Lower Upper

164 100

129 93.3 64.6 120.0

131 89.2 63.2 117.4

166 126.9 89.5 166.3

