

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
 Data File : VV036037.D
 Acq On : 11 Jun 2024 16:19
 Operator : SY/MD
 Sample : P2798-07
 Misc : 5.40g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 02:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

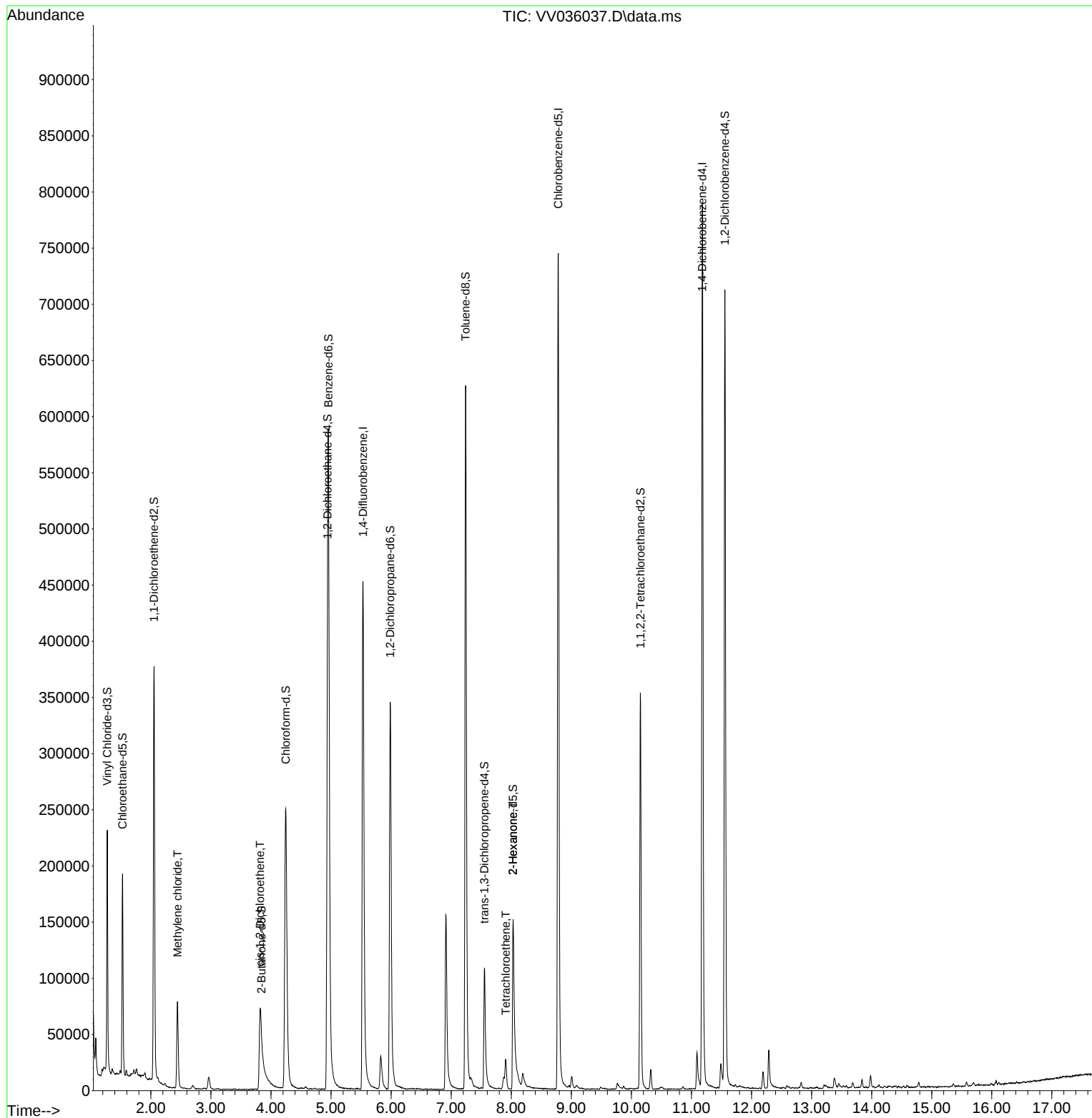
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	410635	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	427725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	206739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	135046	17.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
7) Chloroethane-d5	1.529	69	120322	19.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
11) 1,1-Dichloroethene-d2	2.053	65	63375	18.857	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.440%
21) 2-Butanone-d5	3.844	46	34069	19.669	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.340%
24) Chloroform-d	4.246	84	280827	21.511	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.040%
26) 1,2-Dichloroethane-d4	4.941	65	161484	23.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.360%
32) Benzene-d6	4.957	84	531315	20.897	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.986	67	180643	22.562	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.240%
41) Toluene-d8	7.239	98	433560	19.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.320%
43) trans-1,3-Dichloroprop...	7.555	79	70608	21.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.040%
47) 2-Hexanone-d5	8.030	63	60908	56.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	176742	29.540	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.160%
66) 1,2-Dichlorobenzene-d4	11.558	152	189795	25.034	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.120%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	34235	3.684	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	35804	5.101	ug/L	98
46) Tetrachloroethene	7.908	164	6508	1.038	ug/L	97
48) 2-Hexanone	8.030	43	7285	2.335	ug/L #	69

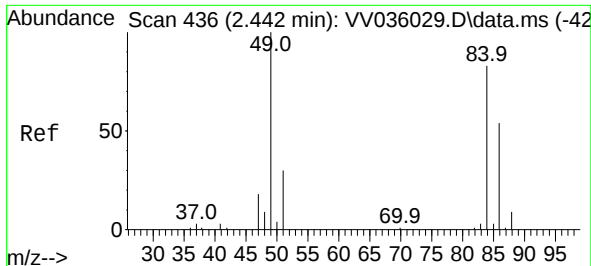
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 02:05:45 2024
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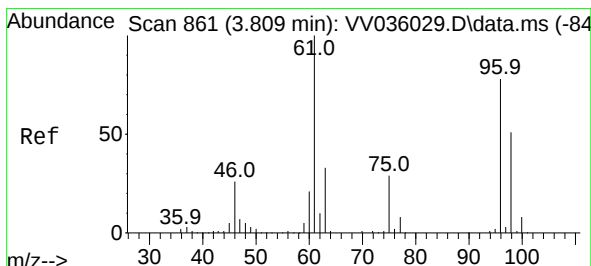
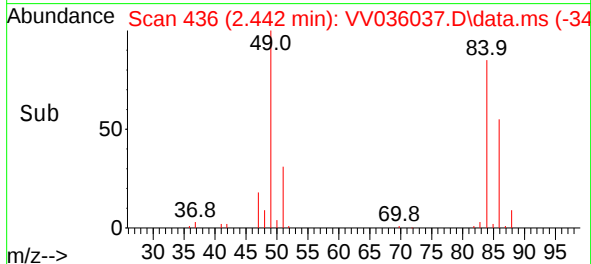
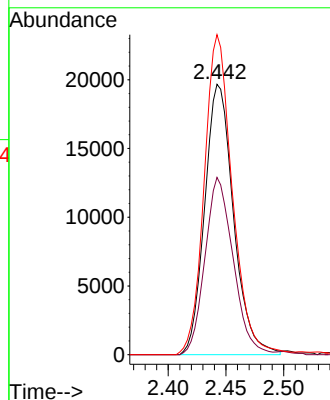
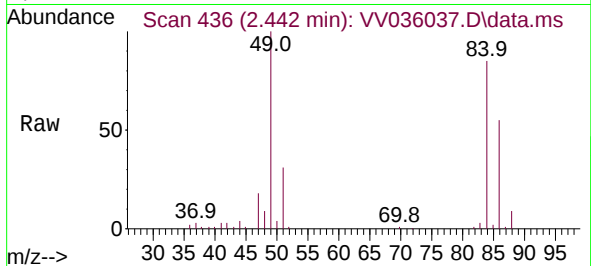




#16
Methylene chloride
Concen: 3.684 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036037.D
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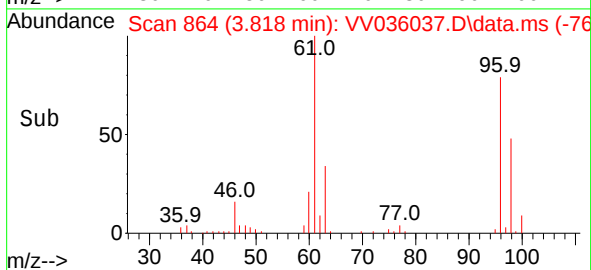
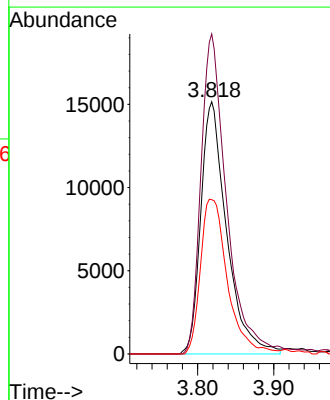
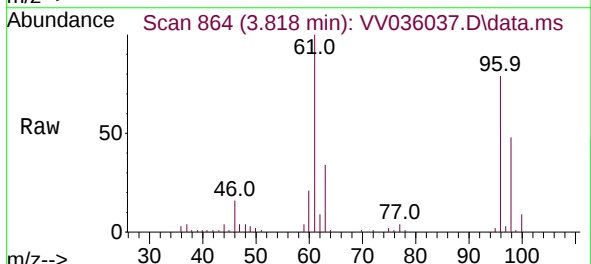
Instrument :
MSVOA_V
ClientSampleId :

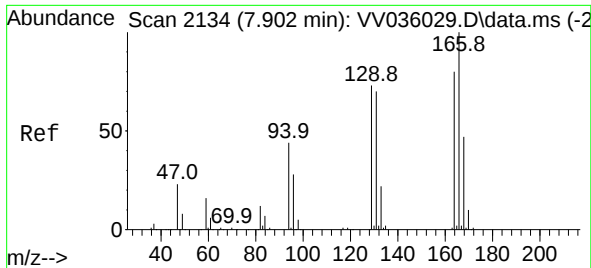
Tgt Ion: 84 Resp: 34235
Ion Ratio Lower Upper
84 100
86 65.5 44.6 82.8
49 118.3 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 5.101 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV036037.D
Acq: 11 Jun 2024 16:19

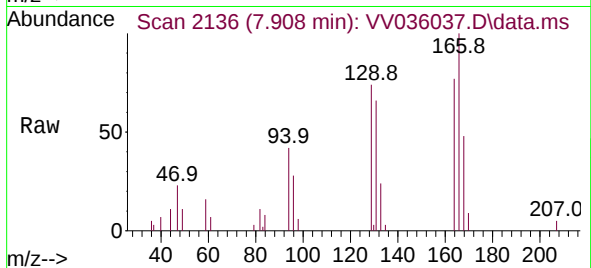
Tgt Ion: 96 Resp: 35804
Ion Ratio Lower Upper
96 100
61 126.9 87.9 163.3
98 61.2 44.4 82.5



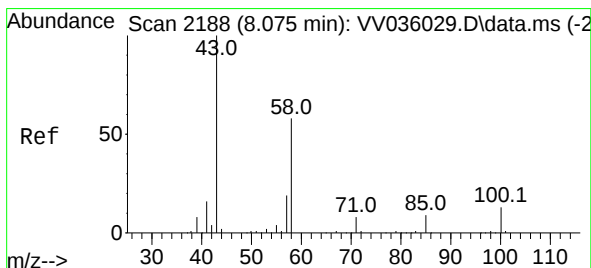
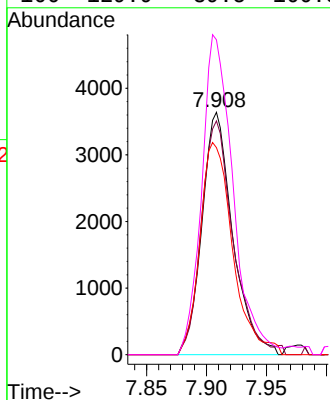
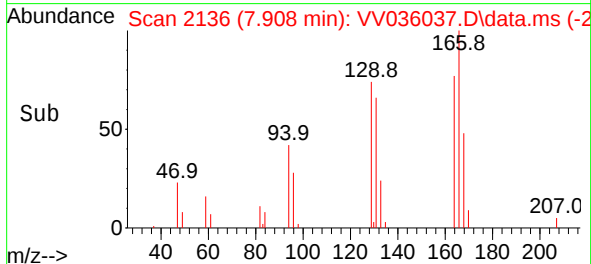


#46
Tetrachloroethene
Concen: 1.038 ug/L
RT: 7.908 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV036037.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 6508
Ion Ratio Lower Upper
164 100
129 96.4 64.6 120.0
131 85.4 63.2 117.4
166 129.9 89.5 166.3



#48
2-Hexanone
Concen: 2.335 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.045 min
Lab File: VV036037.D
Acq: 11 Jun 2024 16:19

Tgt Ion: 43 Resp: 7285
Ion Ratio Lower Upper
43 100
58 37.6 45.4 68.0#
57 41.6 15.8 23.8#
100 3.0 9.8 14.8#

