

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036510.D
 Acq On : 12 Jul 2024 16:12
 Operator : SY/MD
 Sample : P3215-12
 Misc : 5.48g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:10:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

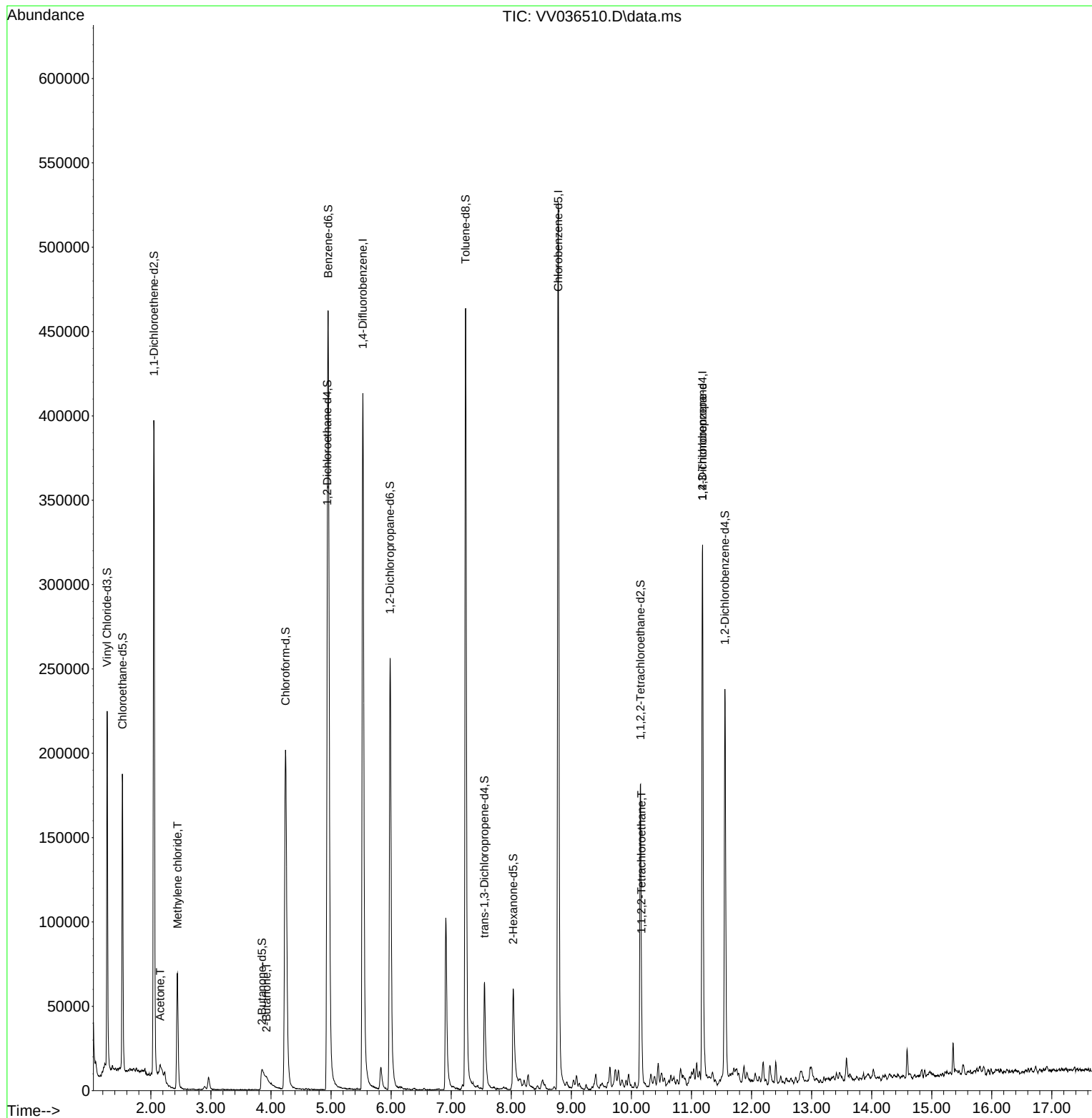
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	384394	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	318934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	92304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	139731	25.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.480%
7) Chloroethane-d5	1.526	69	116053	24.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.050	65	63858	22.581	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.320%
21) 2-Butanone-d5	3.851	46	32695	34.687	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.380%
24) Chloroform-d	4.243	84	226113	20.209	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	4.937	65	119405	21.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.080%
32) Benzene-d6	4.953	84	427287	26.855	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	5.982	67	126559	26.689	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.760%
41) Toluene-d8	7.239	98	326185	22.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	7.555	79	40233	20.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.640%
47) 2-Hexanone-d5	8.034	63	22644	42.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	85748	21.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.880%
66) 1,2-Dichlorobenzene-d4	11.558	152	63968	20.421	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.680%
Target Compounds						Qvalue
13) Acetone	2.153	43	11271	8.458	ug/L #	30
16) Methylene chloride	2.442	84	33209	4.202	ug/L	99
22) 2-Butanone	3.924	43	1591	1.422	ug/L #	69
57) 1,1,2,2-Tetrachloroethane	10.169	83	1655	0.462	ug/L #	51
61) 1,2,3-Trichloropropane	11.185	75	9292	5.658	ug/L #	62

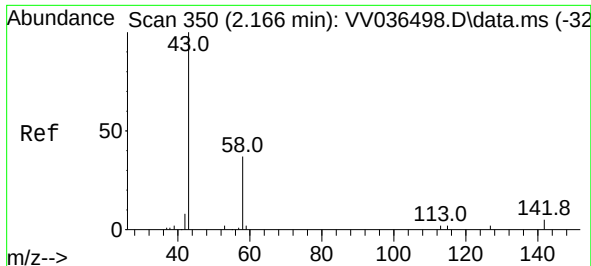
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
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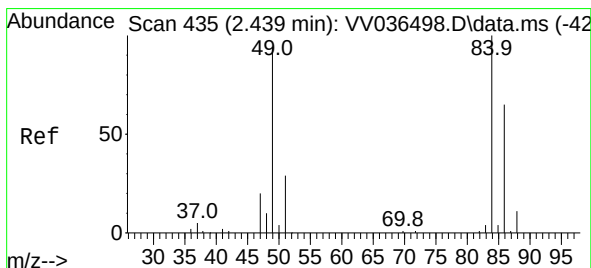
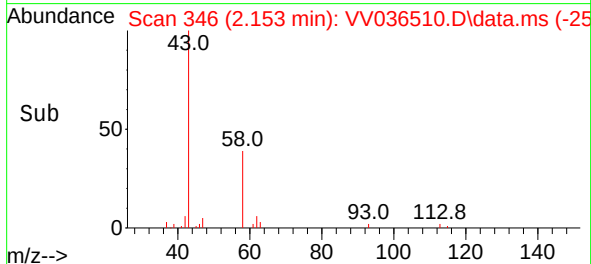
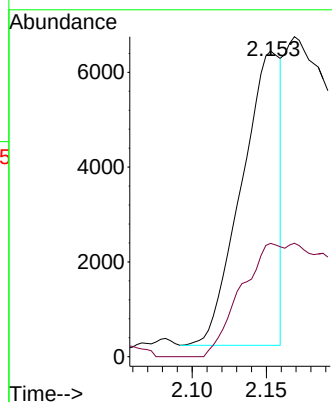
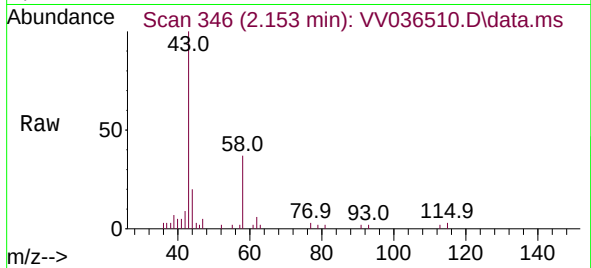




#13
Acetone
Concen: 8.458 ug/L
RT: 2.153 min Scan# 34
Delta R.T. -0.013 min
Lab File: VV036510.D
Acq: 12 Jul 2024 16:12

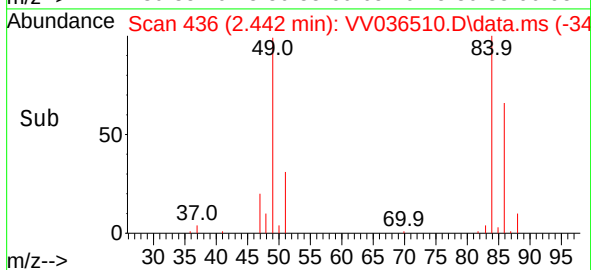
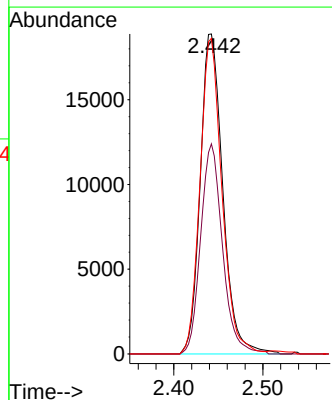
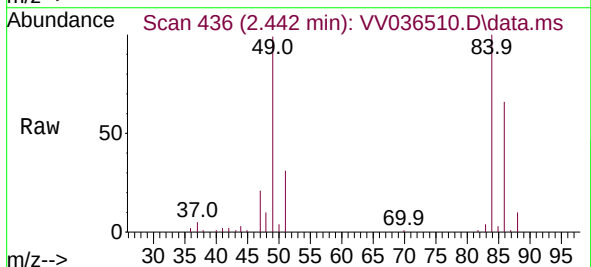
Instrument :
MSVOA_V
ClientSampleId :

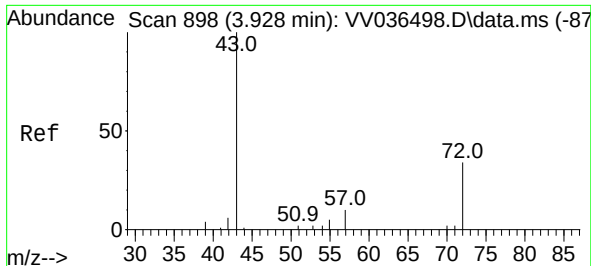
Tgt Ion: 43 Resp: 11271
Ion Ratio Lower Upper
43 100
58 42.9 0.0 28.4#



#16
Methylene chloride
Concen: 4.202 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036510.D
Acq: 12 Jul 2024 16:12

Tgt Ion: 84 Resp: 33209
Ion Ratio Lower Upper
84 100
86 65.7 46.3 86.1
49 98.6 68.1 126.5

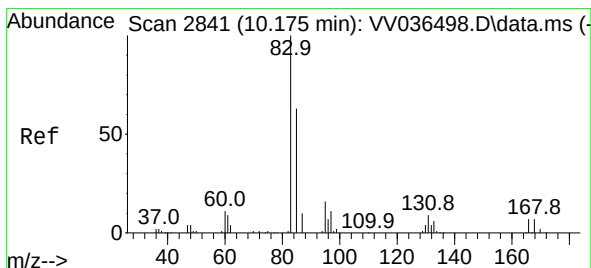
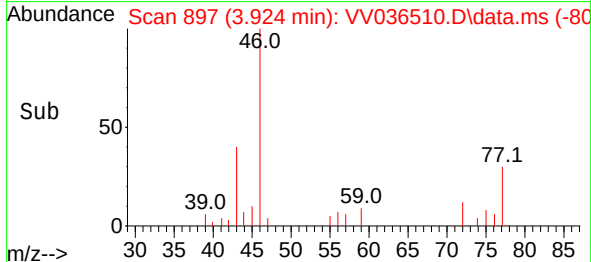
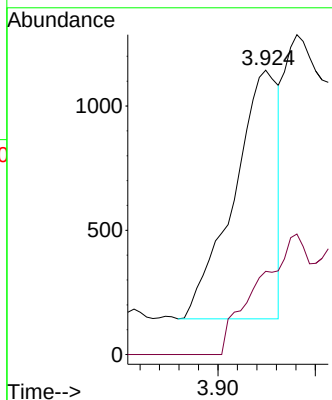
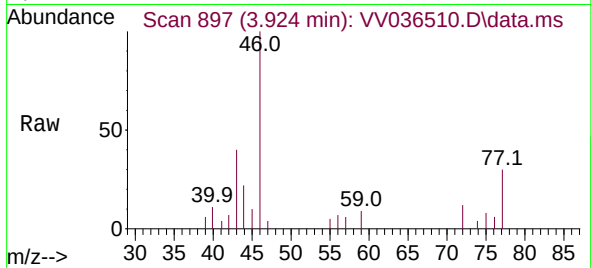




#22
2-Butanone
Concen: 1.422 ug/L
RT: 3.924 min Scan# 897
Delta R.T. -0.003 min
Lab File: VV036510.D
Acq: 12 Jul 2024 16:12

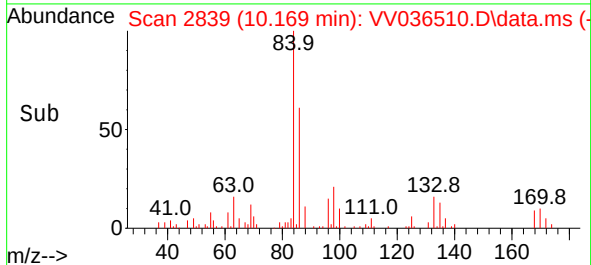
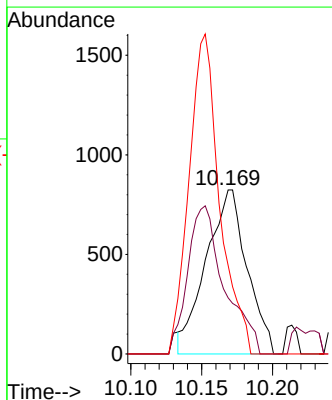
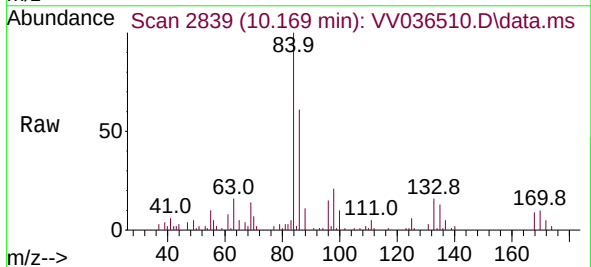
Instrument :
MSVOA_V
ClientSampleId :

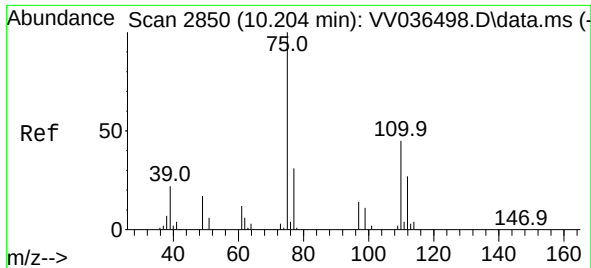
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
72 23.5 5.9 17.6#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.462 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.007 min
Lab File: VV036510.D
Acq: 12 Jul 2024 16:12

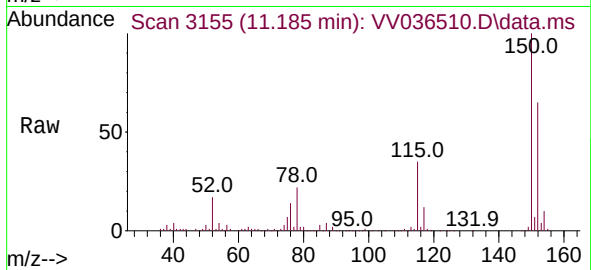
Tgt Ion: 83 Resp: 1655
Ion Ratio Lower Upper
83 100
85 34.2 45.0 83.6#
131 54.0 8.1 12.1#





#61
 1,2,3-Trichloropropane
 Concen: 5.658 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.981 min
 Lab File: VV036510.D
 Acq: 12 Jul 2024 16:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	9292
Ion Ratio	Lower	Upper	
75	100		
77	32.6	25.6	38.4
110	1.3	34.8	52.2#

