

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036532.D
 Acq On : 15 Jul 2024 16:56
 Operator : SY/MD
 Sample : P3215-21
 Misc : 5.19g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:29:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

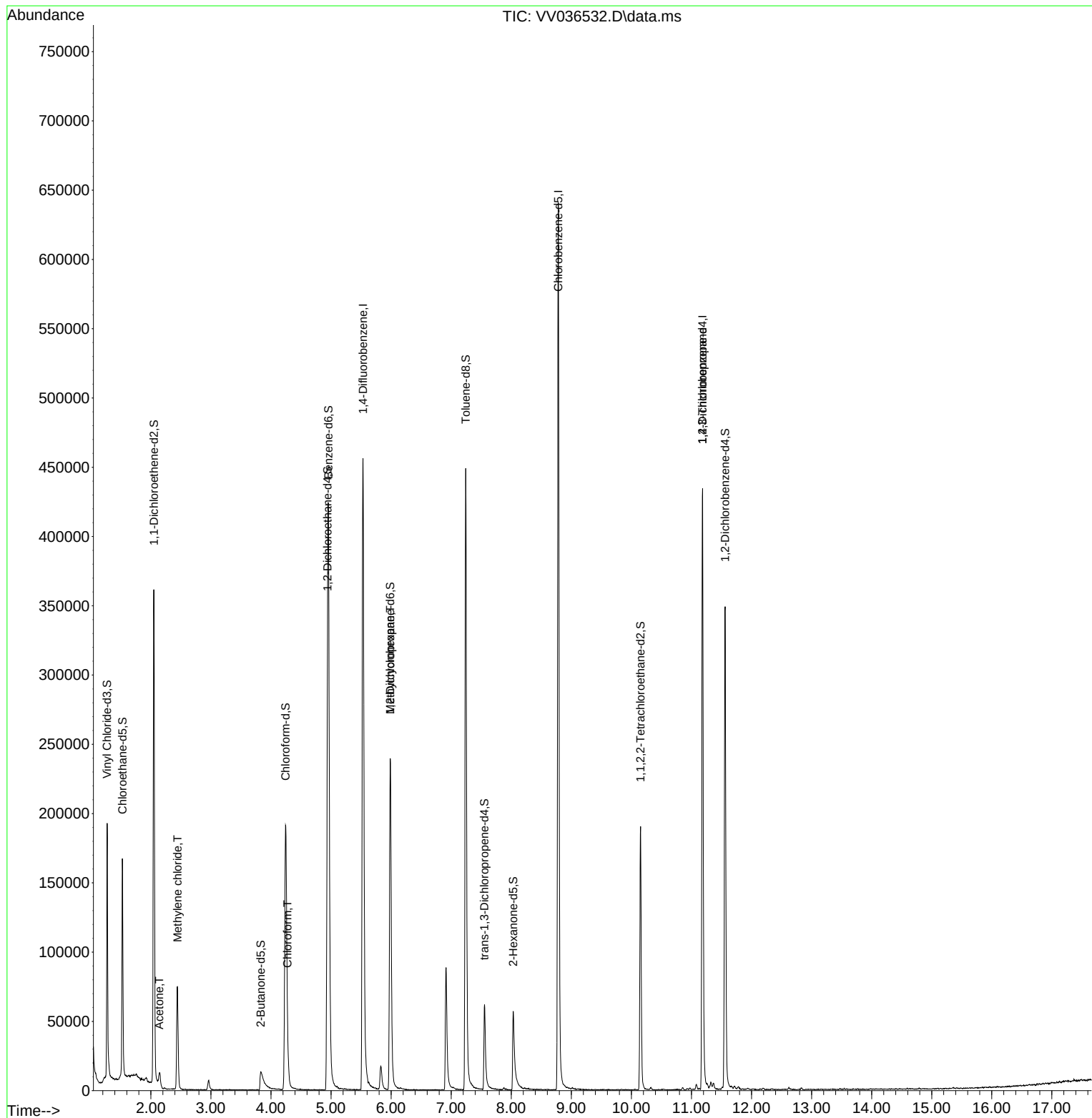
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	427370	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	385011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	124335	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	121812	19.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.560%
7) Chloroethane-d5	1.526	69	105241	19.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
11) 1,1-Dichloroethene-d2	2.050	65	56363	17.926	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.720%
21) 2-Butanone-d5	3.831	46	24766	23.632	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.260%
24) Chloroform-d	4.243	84	208734	16.779	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.120%
26) 1,2-Dichloroethane-d4	4.940	65	111116	18.009	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.040%
32) Benzene-d6	4.957	84	387444	20.171	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.680%
36) 1,2-Dichloropropane-d6	5.985	67	115940	20.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.000%
41) Toluene-d8	7.243	98	317561	17.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.680%
43) trans-1,3-Dichloroprop...	7.555	79	39869	16.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.000%
47) 2-Hexanone-d5	8.034	63	18759	29.506	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.020%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	89908	18.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	98215	23.277	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
13) Acetone	2.140	43	3040	2.052	ug/L #	65
16) Methylene chloride	2.442	84	34997	3.983	ug/L	98
25) Chloroform	4.275	83	7708	0.625	ug/L	91
35) Methylcyclohexane	5.985	83	31848	4.603	ug/L #	22
61) 1,2,3-Trichloropropane	11.185	75	11708	5.293	ug/L #	62

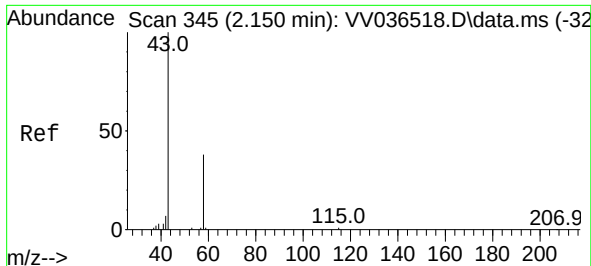
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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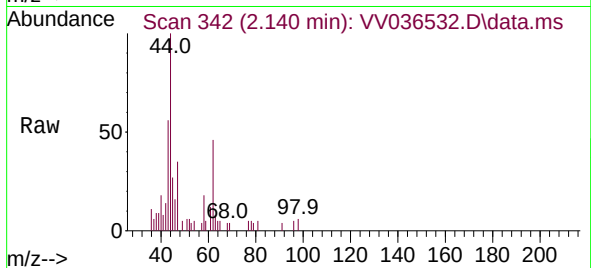
Quant Time: Jul 16 01:29:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration



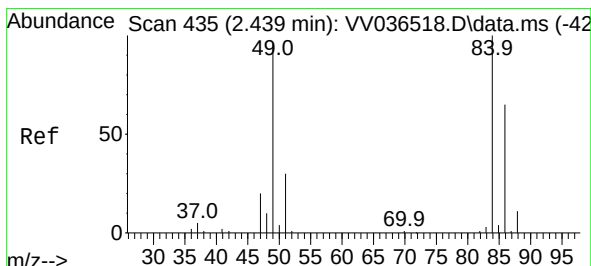
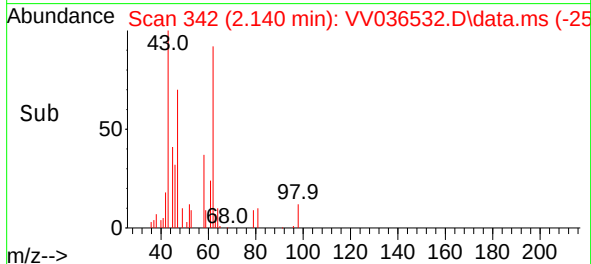
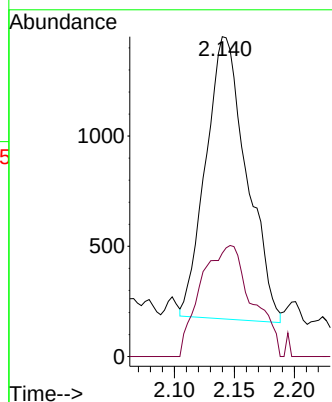


#13
Acetone
Concen: 2.052 ug/L
RT: 2.140 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV036532.D
Acq: 15 Jul 2024 16:56

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MSVOA_V
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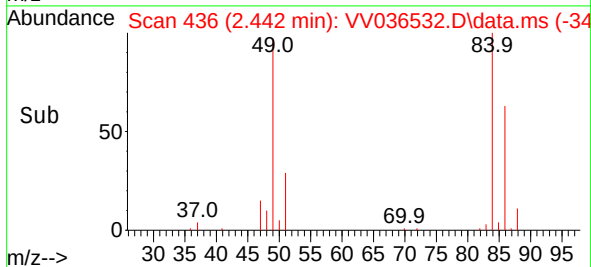
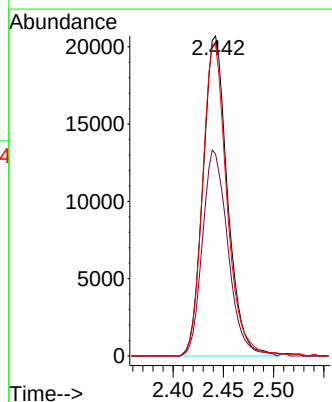
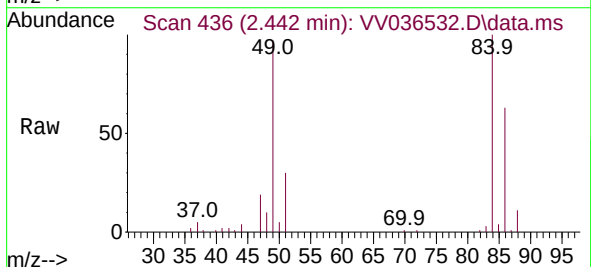


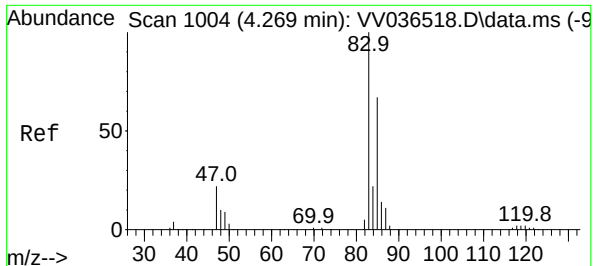
Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
58 0.0 0.0 28.4



#16
Methylene chloride
Concen: 3.983 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036532.D
Acq: 15 Jul 2024 16:56

Tgt Ion: 84 Resp: 34997
Ion Ratio Lower Upper
84 100
86 63.1 46.3 86.1
49 97.2 68.1 126.5





#25

Chloroform

Concen: 0.625 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036532.D

Acq: 15 Jul 2024 16:56

Instrument :

MSVOA_V

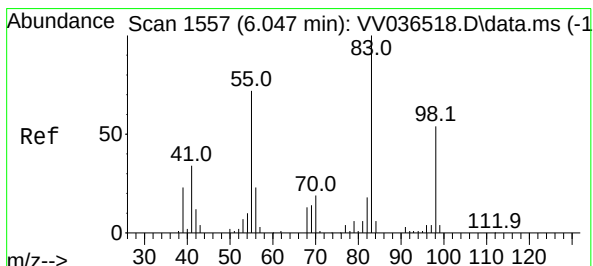
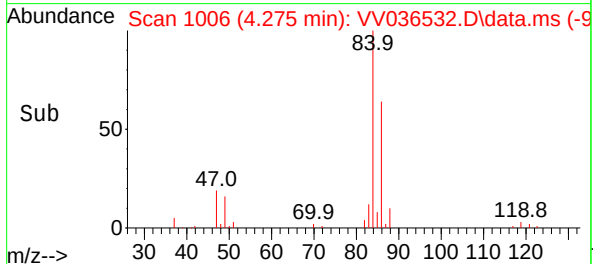
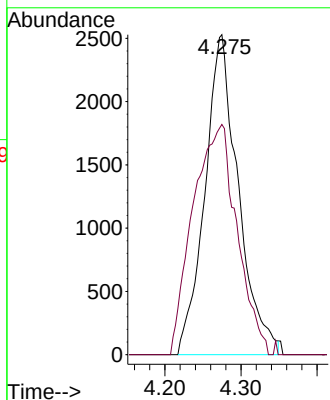
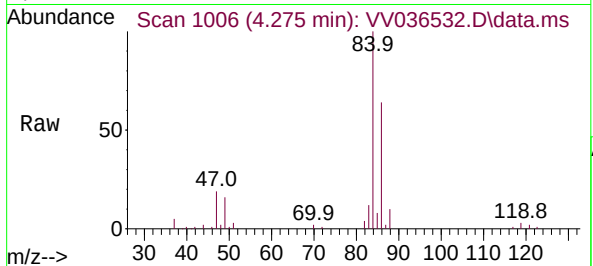
ClientSampleId :

Tgt Ion: 83 Resp: 7708

Ion Ratio Lower Upper

83 100

85 72.0 45.6 84.6



#35

Methylcyclohexane

Concen: 4.603 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.061 min

Lab File: VV036532.D

Acq: 15 Jul 2024 16:56

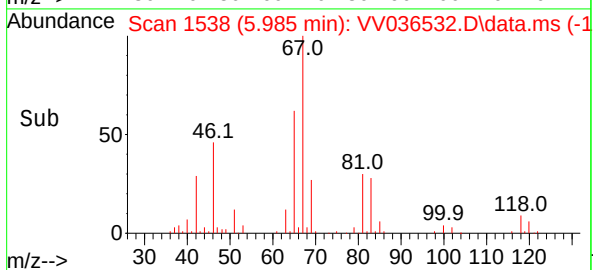
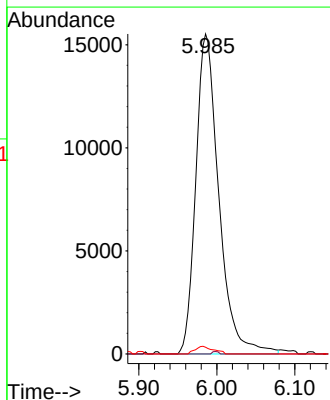
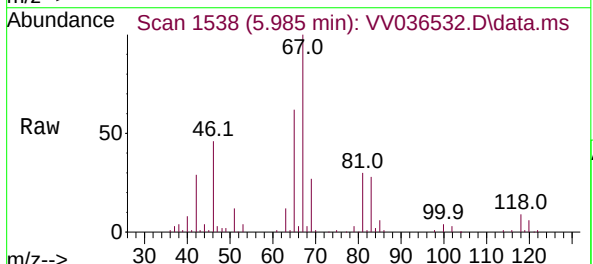
Tgt Ion: 83 Resp: 31848

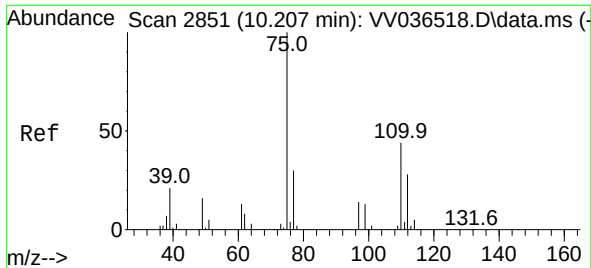
Ion Ratio Lower Upper

83 100

55 0.2 54.3 81.5#

98 1.9 41.7 62.5#





#61

1,2,3-Trichloropropane

Concen: 5.293 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

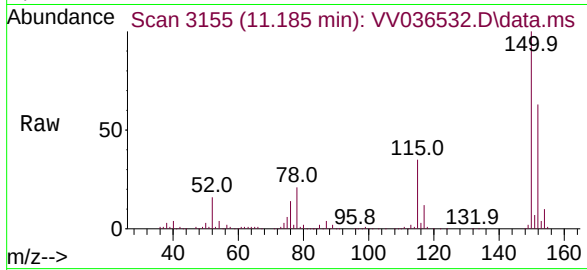
Lab File: VV036532.D

Acq: 15 Jul 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 11708

Ion Ratio Lower Upper

75 100

77 33.9 25.6 38.4

110 3.1 34.8 52.2#

