

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070324\
 Data File : VV036447.D
 Acq On : 03 Jul 2024 16:27
 Operator : SY/MD
 Sample : P3100-14
 Misc : 5.33g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 04 02:12:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 02:05:51 2024
 Response via : Initial Calibration

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

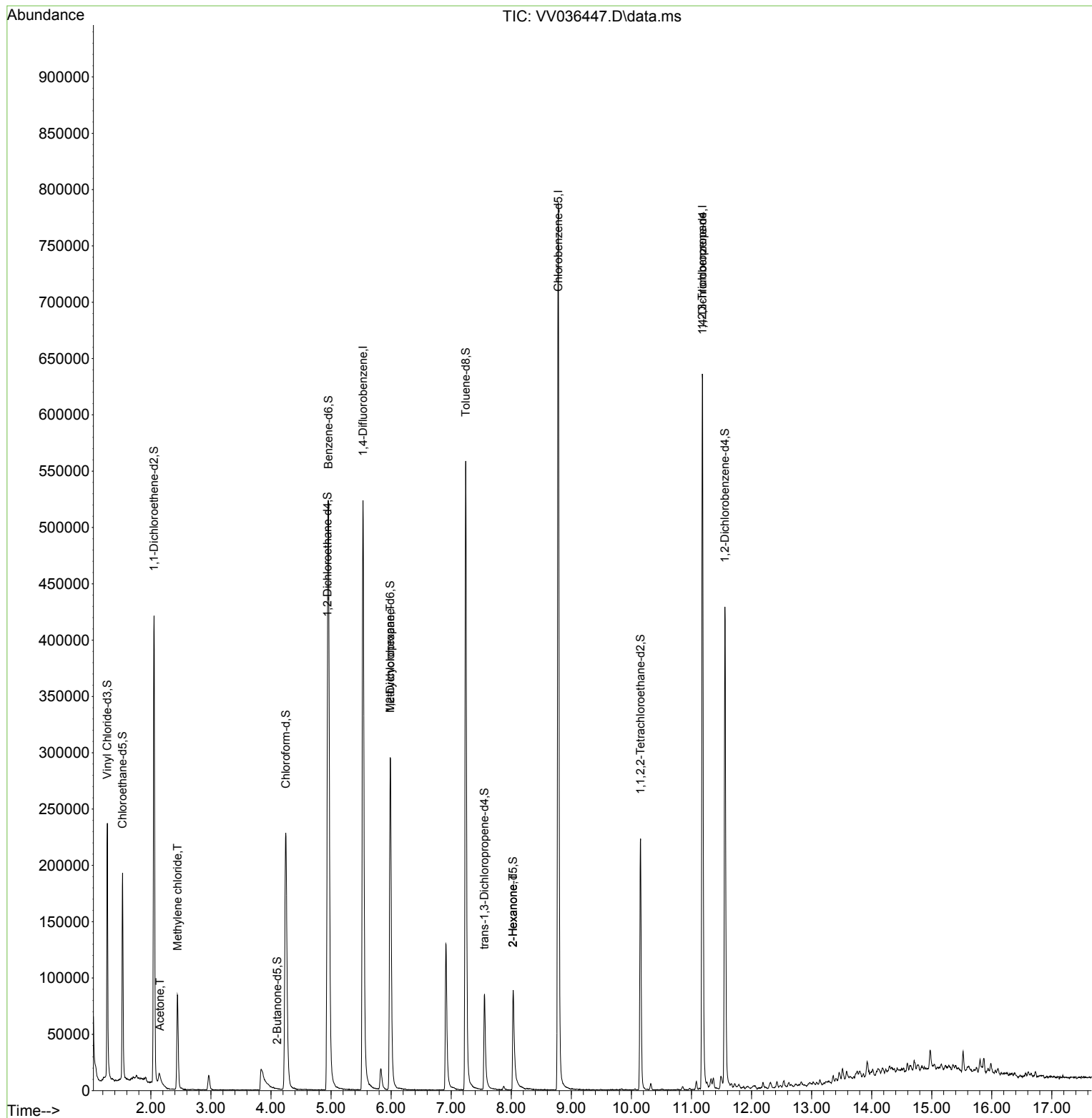
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	473044	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	455592	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173594	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	146316	18.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.840%
7) Chloroethane-d5	1.529	69	121679	18.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.840%
11) 1,1-Dichloroethene-d2	2.053	65	69464	18.393	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.560%
21) 2-Butanone-d5	4.101	46	98	0.053	ug/L	0.25
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.100%#
24) Chloroform-d	4.246	84	251317	17.999	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.000%
26) 1,2-Dichloroethane-d4	4.941	65	136099	18.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.120%
32) Benzene-d6	4.957	84	474833	18.463	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.840%
36) 1,2-Dichloropropane-d6	5.985	67	150352	19.436	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.760%
41) Toluene-d8	7.243	98	387718	16.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.880%
43) trans-1,3-Dichloroprop...	7.555	79	52782	15.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.120%
47) 2-Hexanone-d5	8.030	63	32941	26.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.360%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	107433	16.942	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	114221	18.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.240%#
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	20710	8.221	ug/L #	69
16) Methylene chloride	2.442	84	38467	4.131	ug/L	95
35) Methylcyclohexane	5.985	83	37126	3.128	ug/L #	22
48) 2-Hexanone	8.030	43	3559	1.164	ug/L #	73
61) 1,2,3-Trichloropropane	11.181	75	18028	4.602	ug/L #	61

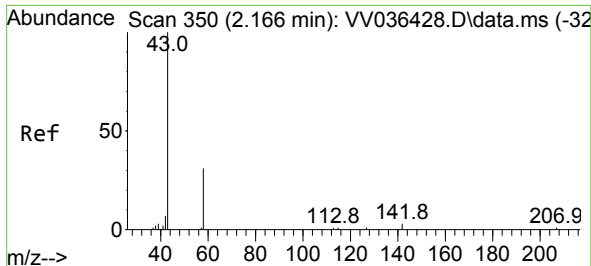
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.221 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.016 min

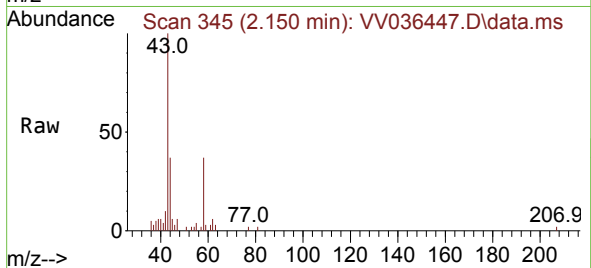
Lab File: VV036447.D

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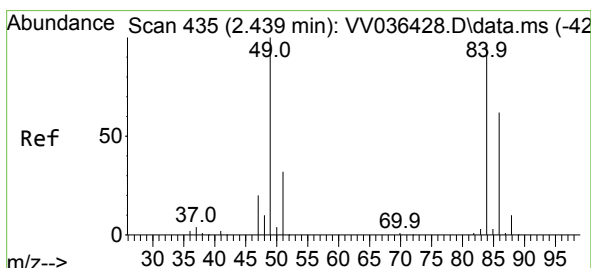
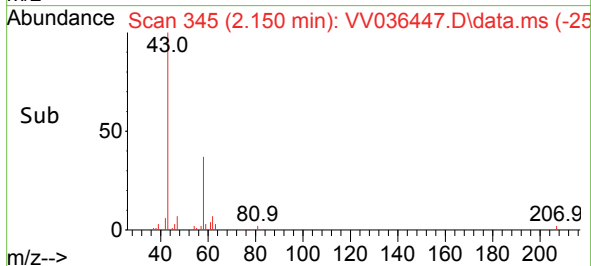
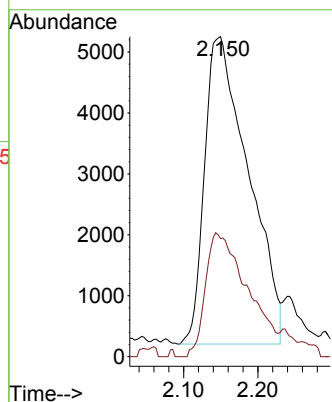


Tgt Ion: 43 Resp: 20710

Ion Ratio Lower Upper

43 100

58 28.9 0.0 0.6#



#16

Methylene chloride

Concen: 4.131 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036447.D

Acq: 03 Jul 2024 16:27

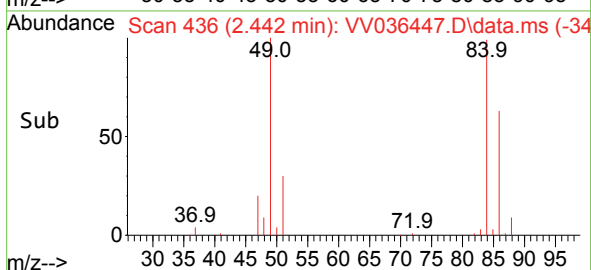
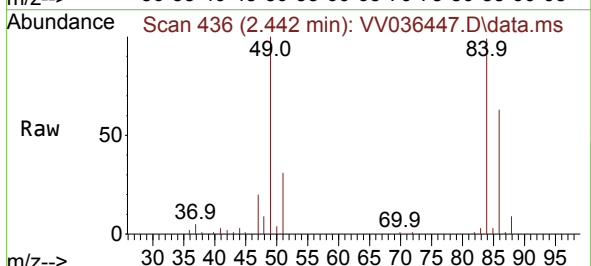
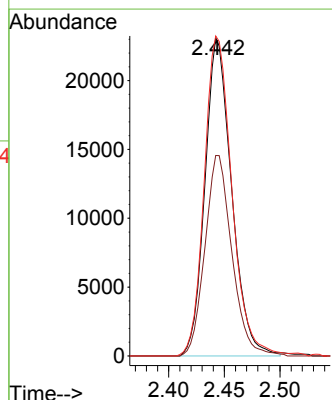
Tgt Ion: 84 Resp: 38467

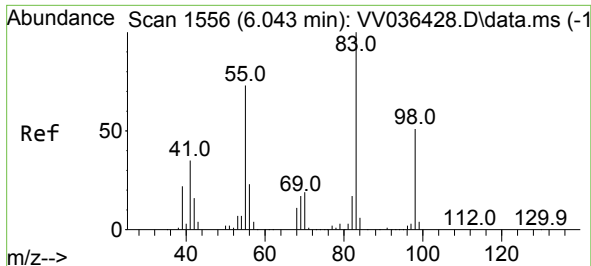
Ion Ratio Lower Upper

84 100

86 63.1 45.6 84.8

49 100.6 75.7 140.5

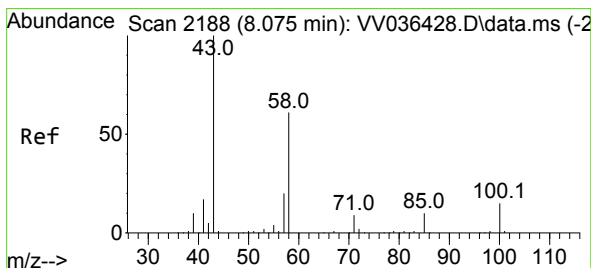
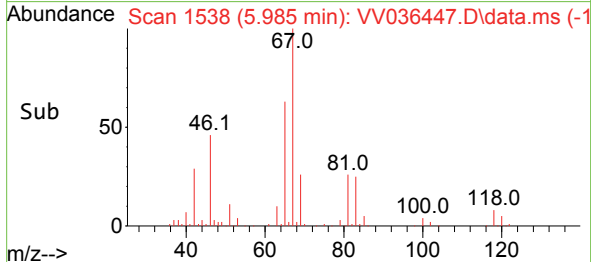
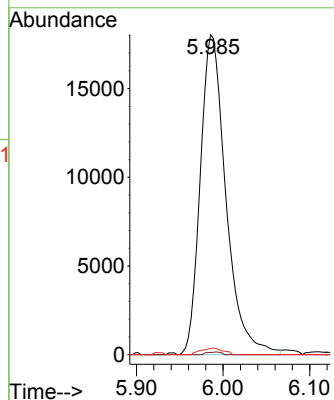
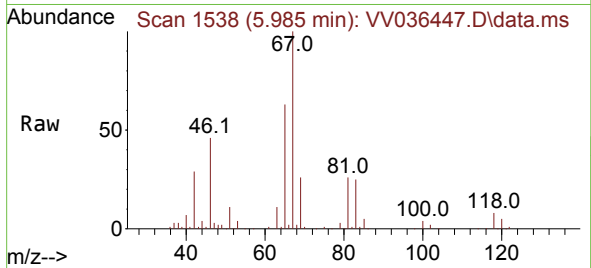




#35
Methylcyclohexane
Concen: 3.128 ug/L
RT: 5.985 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV036447.D
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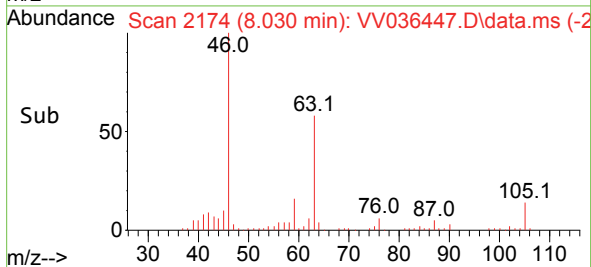
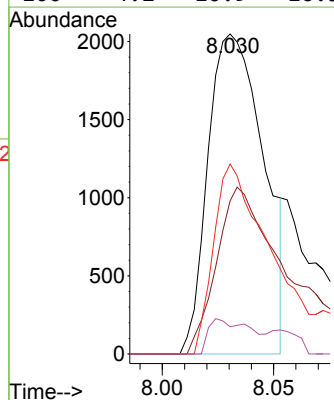
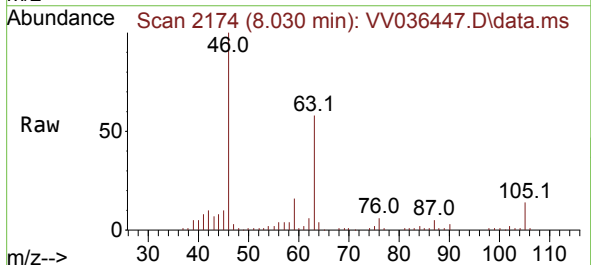
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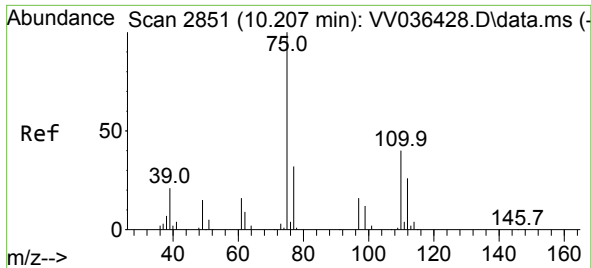
Tgt Ion: 83 Resp: 37126
Ion Ratio Lower Upper
83 100
55 0.3 56.0 84.0#
98 1.8 39.0 58.6#



#48
2-Hexanone
Concen: 1.164 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.045 min
Lab File: VV036447.D
Acq: 03 Jul 2024 16:27

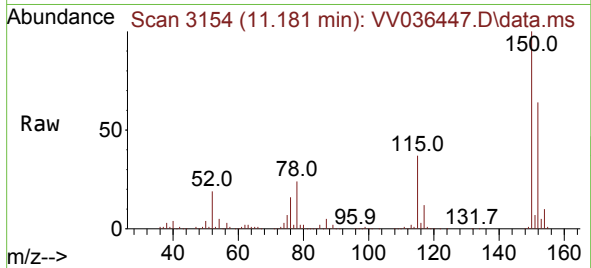
Tgt Ion: 43 Resp: 3559
Ion Ratio Lower Upper
43 100
58 66.7 48.5 72.7
57 59.8 15.8 23.6#
100 4.2 10.9 16.3#





#61
1,2,3-Trichloropropane
Concen: 4.602 ug/L
RT: 11.181 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV036447.D
Acq: 03 Jul 2024 16:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 18028
Ion Ratio Lower Upper
75 100
77 37.8 25.2 37.8
110 2.6 31.7 47.5#

