

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036332.D
 Acq On : 28 Jun 2024 01:48
 Operator : SY/MD
 Sample : P3010-12
 Misc : 5.96g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 05:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

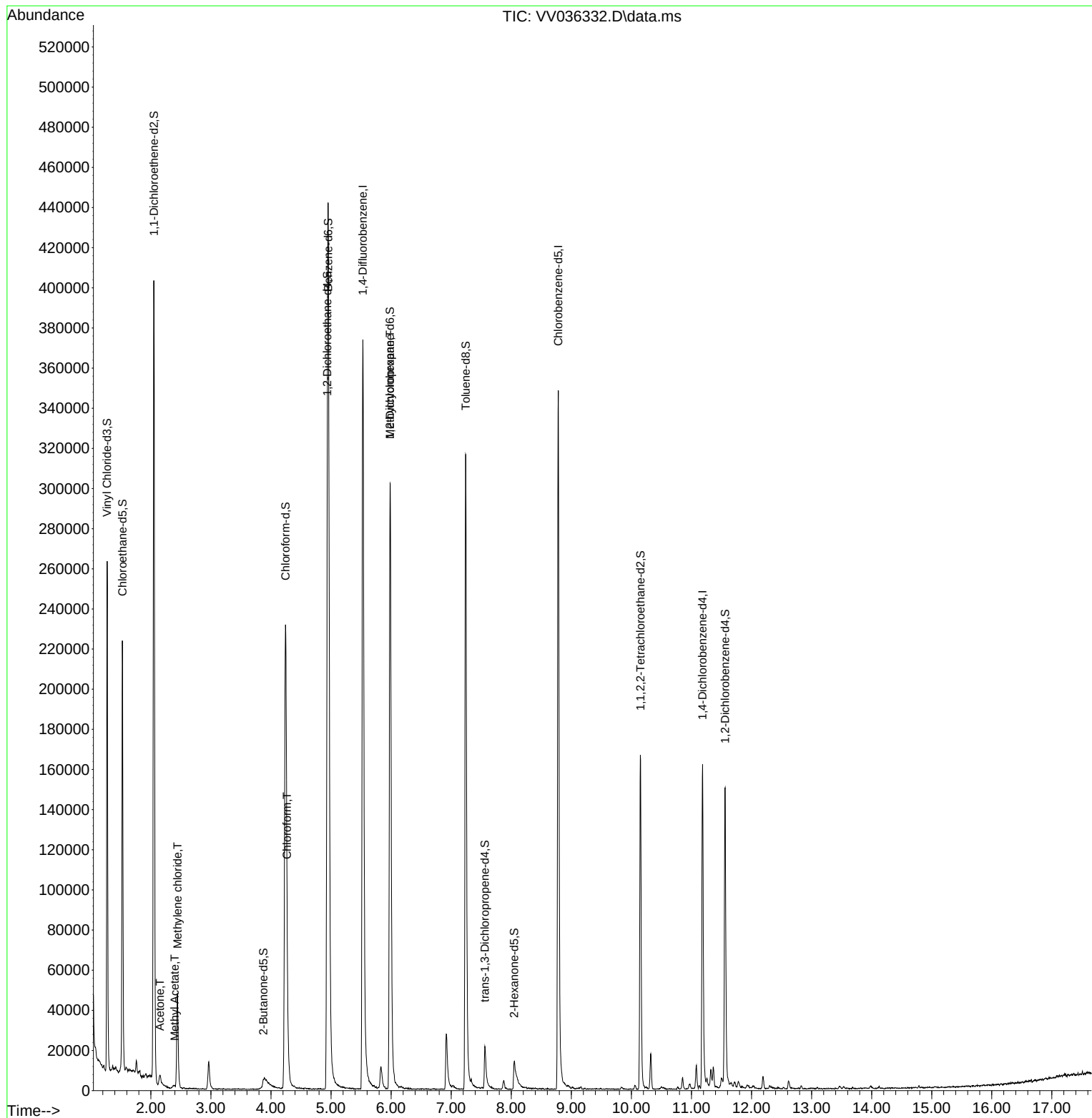
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	342384	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	201692	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	169520	29.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.600%
7) Chloroethane-d5	1.526	69	143664	30.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.720%
11) 1,1-Dichloroethene-d2	2.050	65	69825	25.544	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.160%
21) 2-Butanone-d5	3.873	46	2590	1.919	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.840%#
24) Chloroform-d	4.243	84	259292	25.656	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	4.937	65	135488	25.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.560%
32) Benzene-d6	4.953	84	391843	34.416	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.680%#
36) 1,2-Dichloropropane-d6	5.982	67	152735	44.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	178.400%#
41) Toluene-d8	7.243	98	225810	21.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.561	79	15521	10.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	40.600%
47) 2-Hexanone-d5	8.047	63	4188	7.661	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.320%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	83523	29.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	39701	24.208	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%
Target Compounds			Qvalue			
13) Acetone	2.150	43	2199	1.206	ug/L #	20
15) Methyl Acetate	2.397	43	847	0.361	ug/L #	45
16) Methylene chloride	2.442	84	21846	3.241	ug/L	99
25) Chloroform	4.269	83	7540	0.743	ug/L	82
35) Methylcyclohexane	5.982	83	37478	7.134	ug/L #	21

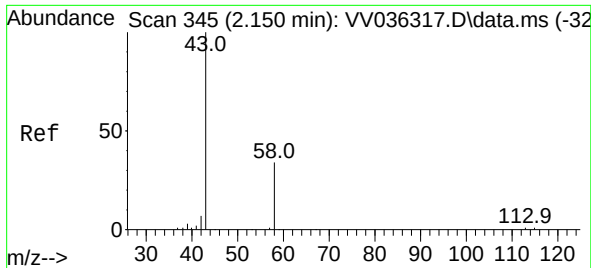
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.206 ug/L

RT: 2.150 min Scan# 345

Delta R.T. 0.000 min

Lab File: VV036332.D

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Instrument :

MSVOA_V

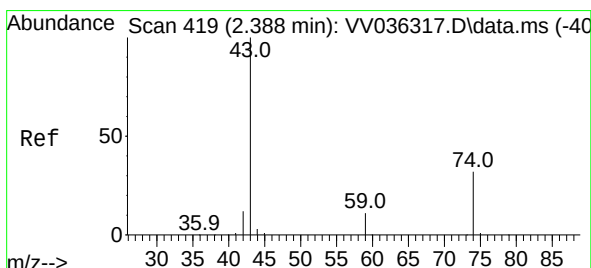
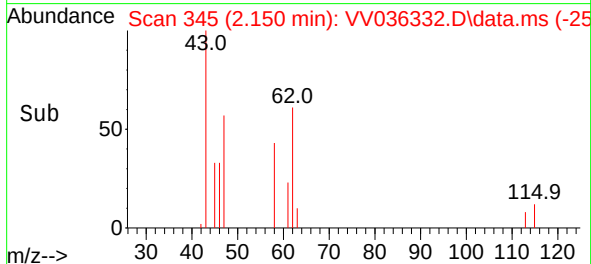
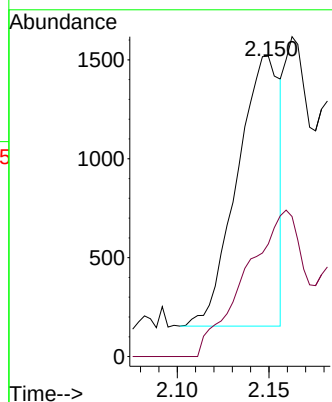
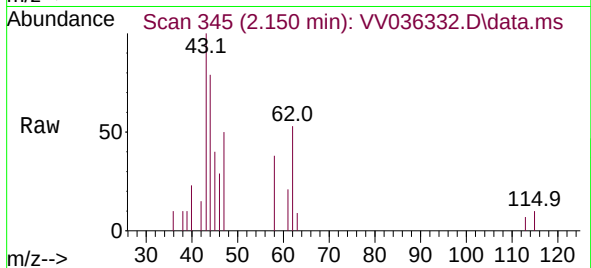
ClientSampleId :

Tgt Ion: 43 Resp: 2199

Ion Ratio Lower Upper

43 100

58 74.9 0.0 0.6#



#15

Methyl Acetate

Concen: 0.361 ug/L

RT: 2.397 min Scan# 422

Delta R.T. 0.010 min

Lab File: VV036332.D

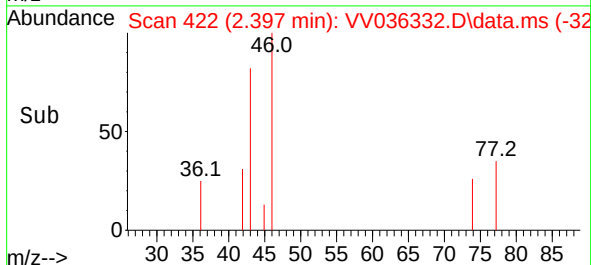
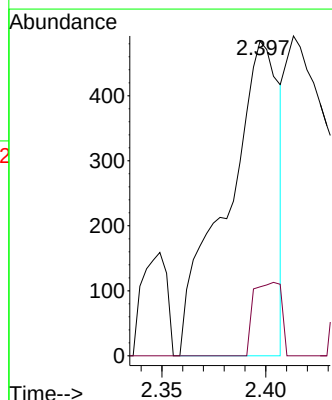
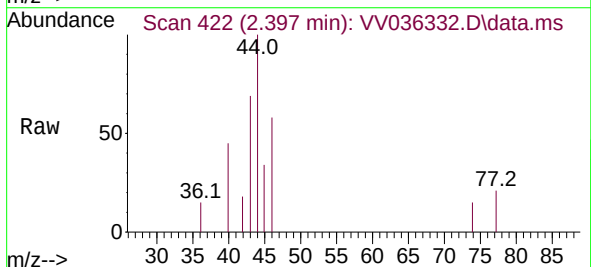
Acq: 28 Jun 2024 01:48

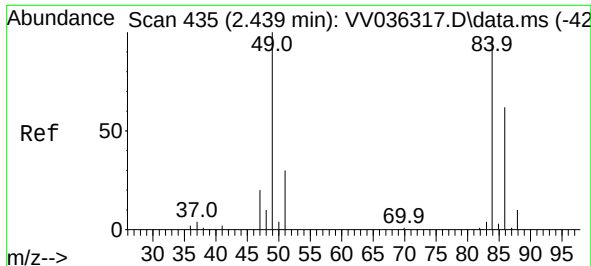
Tgt Ion: 43 Resp: 847

Ion Ratio Lower Upper

43 100

74 0.0 23.8 35.6#

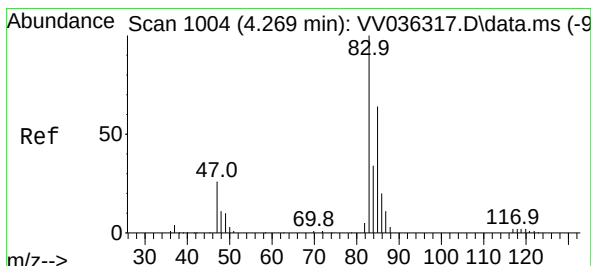
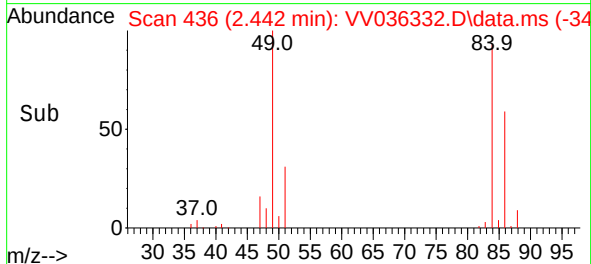
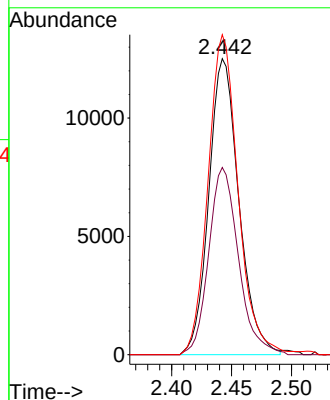
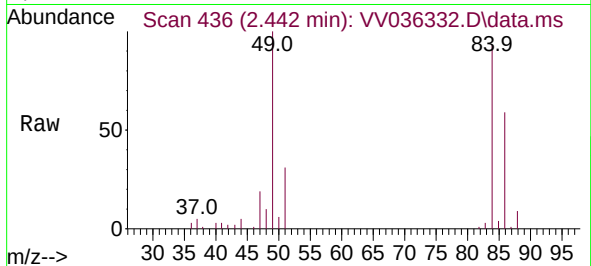




#16
Methylene chloride
Concen: 3.241 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
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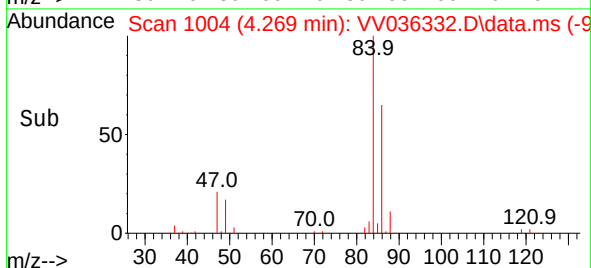
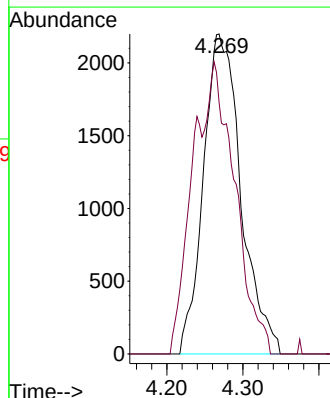
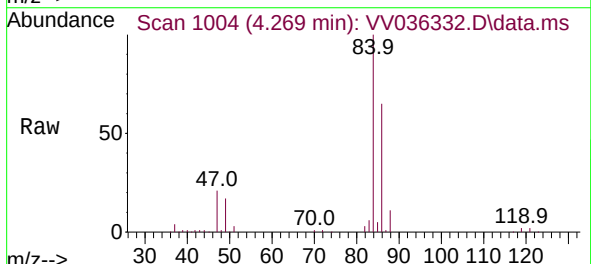
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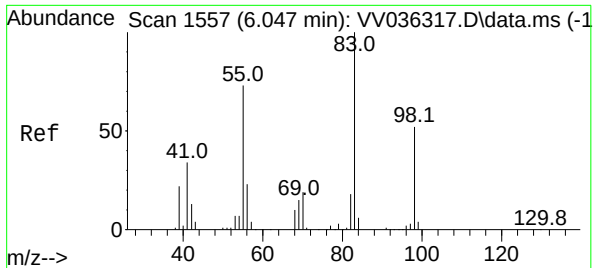
Tgt Ion: 84 Resp: 21846
Ion Ratio Lower Upper
84 100
86 63.2 45.6 84.8
49 108.1 75.7 140.5



#25
Chloroform
Concen: 0.743 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036332.D
Acq: 28 Jun 2024 01:48

Tgt Ion: 83 Resp: 7540
Ion Ratio Lower Upper
83 100
85 78.7 45.0 83.6





#35
Methylcyclohexane
Concen: 7.134 ug/L
RT: 5.982 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV036332.D
Acq: 28 Jun 2024 01:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 37478
Ion Ratio Lower Upper
83 100
55 0.5 56.0 84.0#
98 0.9 39.0 58.6#

