

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071624\
 Data File : VW036572.D
 Acq On : 16 Jul 2024 17:12
 Operator : SY/MD
 Sample : P3238-14
 Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:29:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

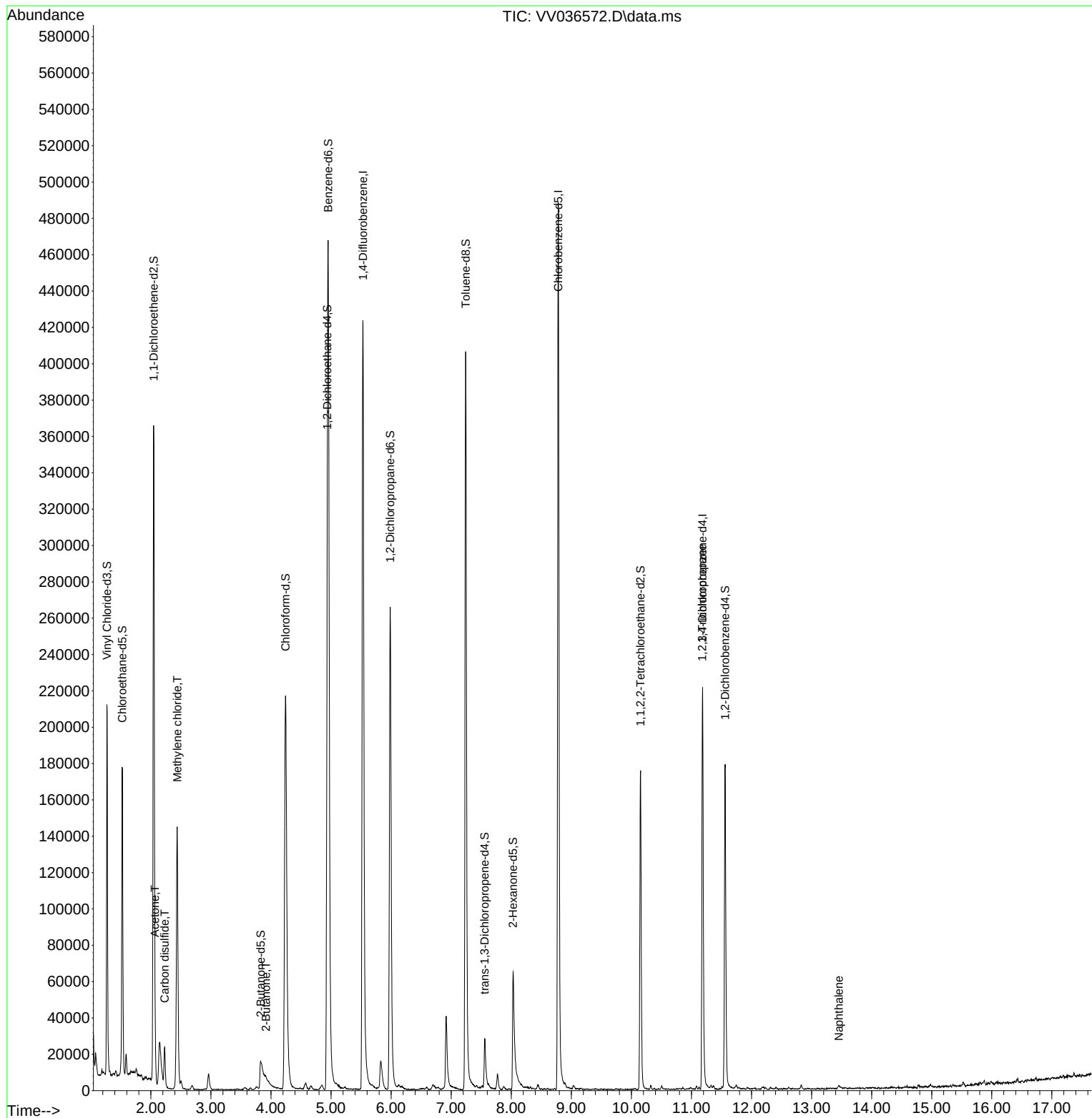
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	397260	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	299569	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	65912	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	131379	23.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.320%		
7) Chloroethane-d5	1.523	69	117261	23.565	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.280%		
11) 1,1-Dichloroethene-d2	2.047	65	58660	20.071	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.280%		
21) 2-Butanone-d5	3.828	46	32598	33.464	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.920%		
24) Chloroform-d	4.243	84	241761	20.907	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.640%		
26) 1,2-Dichloroethane-d4	4.937	65	126852	22.118	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.480%		
32) Benzene-d6	4.953	84	426981	28.570	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.280%		
36) 1,2-Dichloropropane-d6	5.986	67	128328	28.812	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	115.240%		
41) Toluene-d8	7.243	98	289622	21.003	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.000%		
43) trans-1,3-Dichloroprop...	7.558	79	17440	9.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	37.680%		
47) 2-Hexanone-d5	8.031	63	21727	43.921	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.840%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	83013	22.130	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.520%		
66) 1,2-Dichlorobenzene-d4	11.561	152	49745	22.239	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.960%		
Target Compounds					Qvalue	
13) Acetone	2.069	43	4625	3.358	ug/L	80
14) Carbon disulfide	2.230	76	24564	1.864	ug/L	100
16) Methylene chloride	2.439	84	62275	7.625	ug/L	98
22) 2-Butanone	3.915	43	3196	2.764	ug/L #	1
61) 1,2,3-Trichloropropane	11.182	75	6651	5.672	ug/L #	58
71) Naphthalene	13.455	128	2444	0.679	ug/L #	90

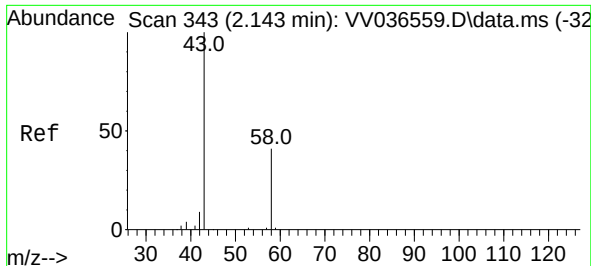
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.358 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.074 min

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Instrument :

MSVOA_V

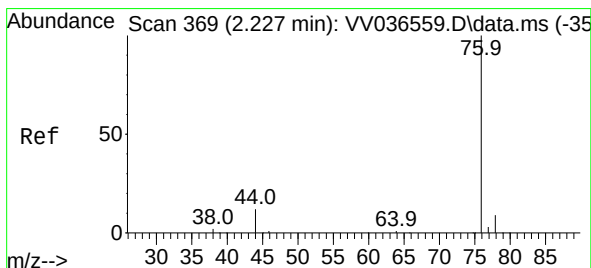
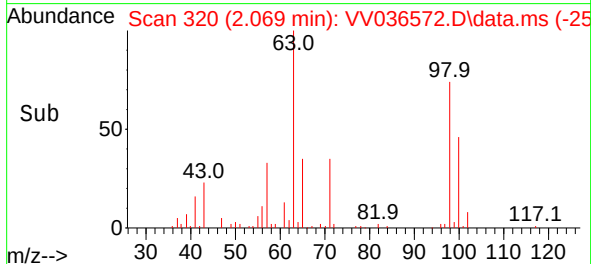
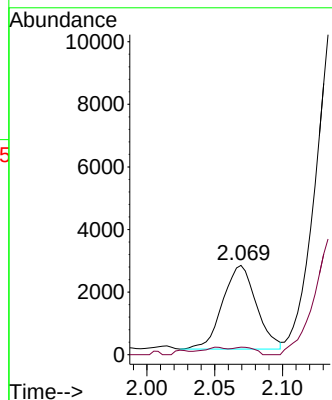
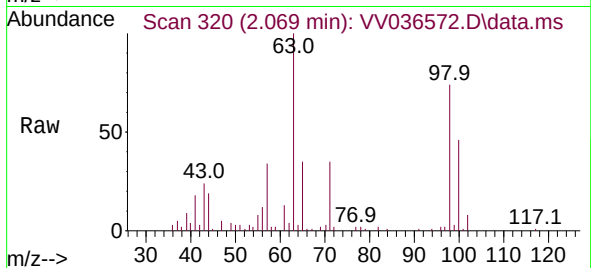
ClientSampleId :

Tgt Ion: 43 Resp: 4625

Ion Ratio Lower Upper

43 100

58 5.9 0.0 28.4



#14

Carbon disulfide

Concen: 1.864 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.003 min

Lab File: VV036572.D

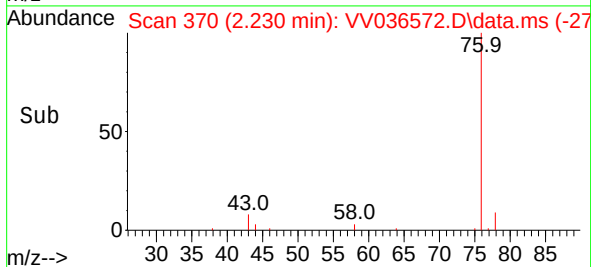
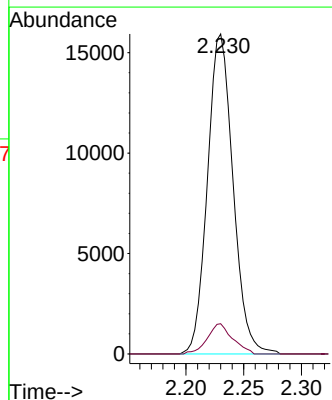
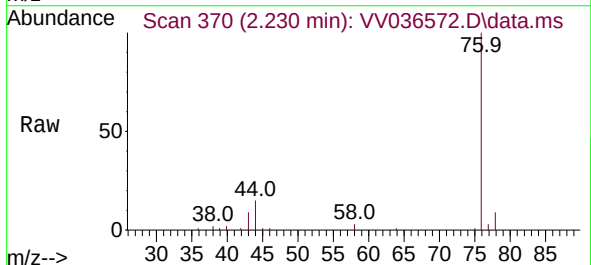
Acq: 16 Jul 2024 17:12

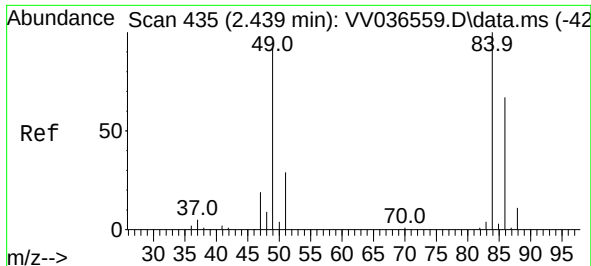
Tgt Ion: 76 Resp: 24564

Ion Ratio Lower Upper

76 100

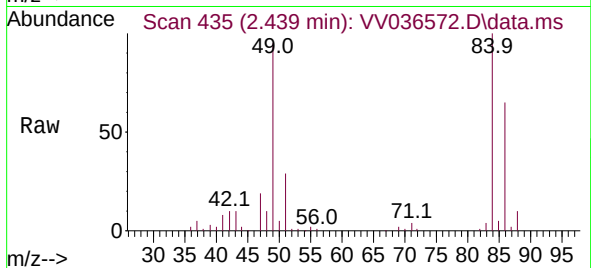
78 9.5 7.4 11.2



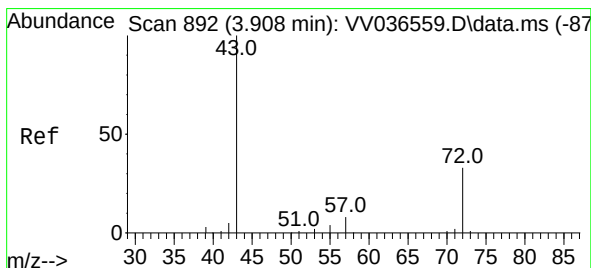
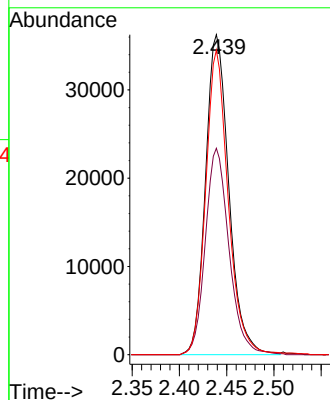
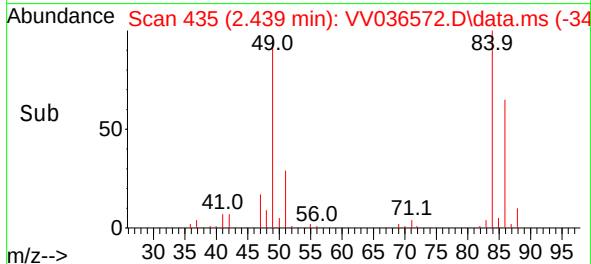


#16
Methylene chloride
Concen: 7.625 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036572.D
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Instrument :
MSVOA_V
ClientSampleId :

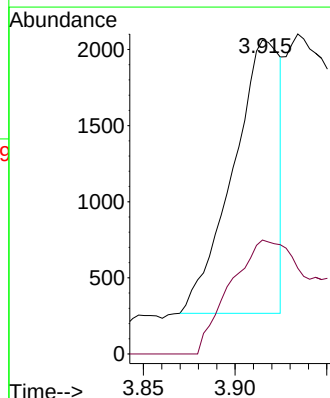
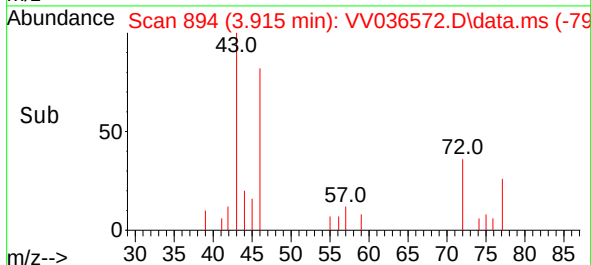
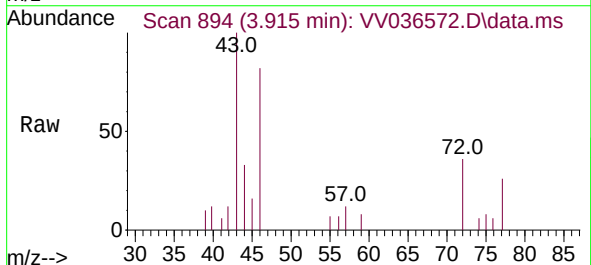


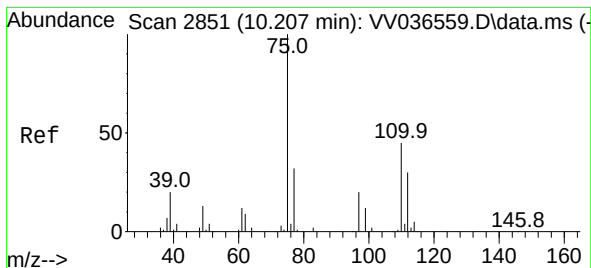
Tgt Ion: 84 Resp: 62275
Ion Ratio Lower Upper
84 100
86 64.5 46.3 86.1
49 95.2 68.1 126.5



#22
2-Butanone
Concen: 2.764 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV036572.D
Acq: 16 Jul 2024 17:12

Tgt Ion: 43 Resp: 3196
Ion Ratio Lower Upper
43 100
72 61.2 5.9 17.6#





#61

1,2,3-Trichloropropane

Concen: 5.672 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV036572.D

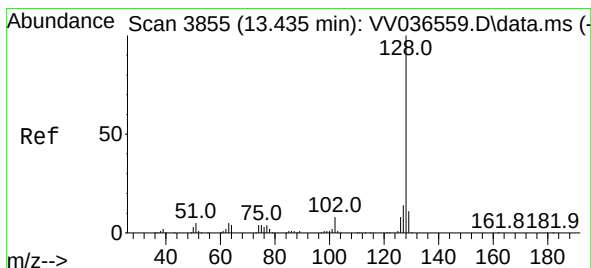
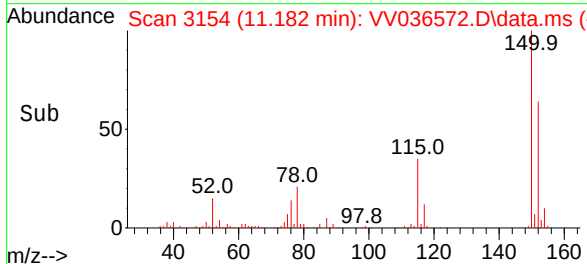
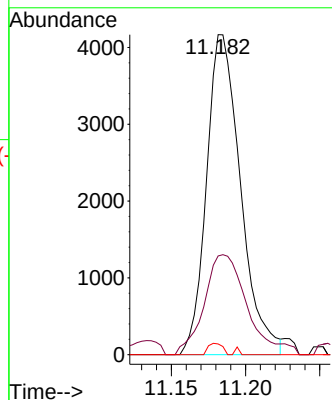
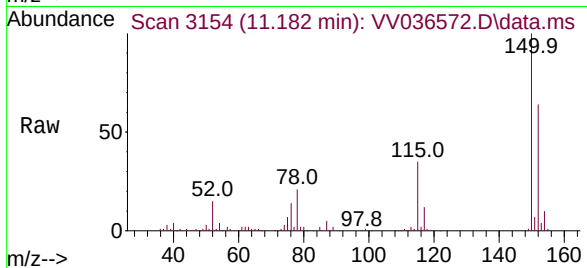
Acq: 16 Jul 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp: 6651
Ion Ratio	Lower Upper
75	100
77	37.8 25.6 38.4
110	1.5 34.8 52.2#



#71

Naphthalene

Concen: 0.679 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.019 min

Lab File: VV036572.D

Acq: 16 Jul 2024 17:12

Tgt Ion: 128	Resp: 2444
Ion Ratio	Lower Upper
128	100
127	12.2 10.8 16.2
129	4.1 8.6 13.0#

