

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036116.D
 Acq On : 18 Jun 2024 14:07
 Operator : SY/MD
 Sample : P2909-11
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:29:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

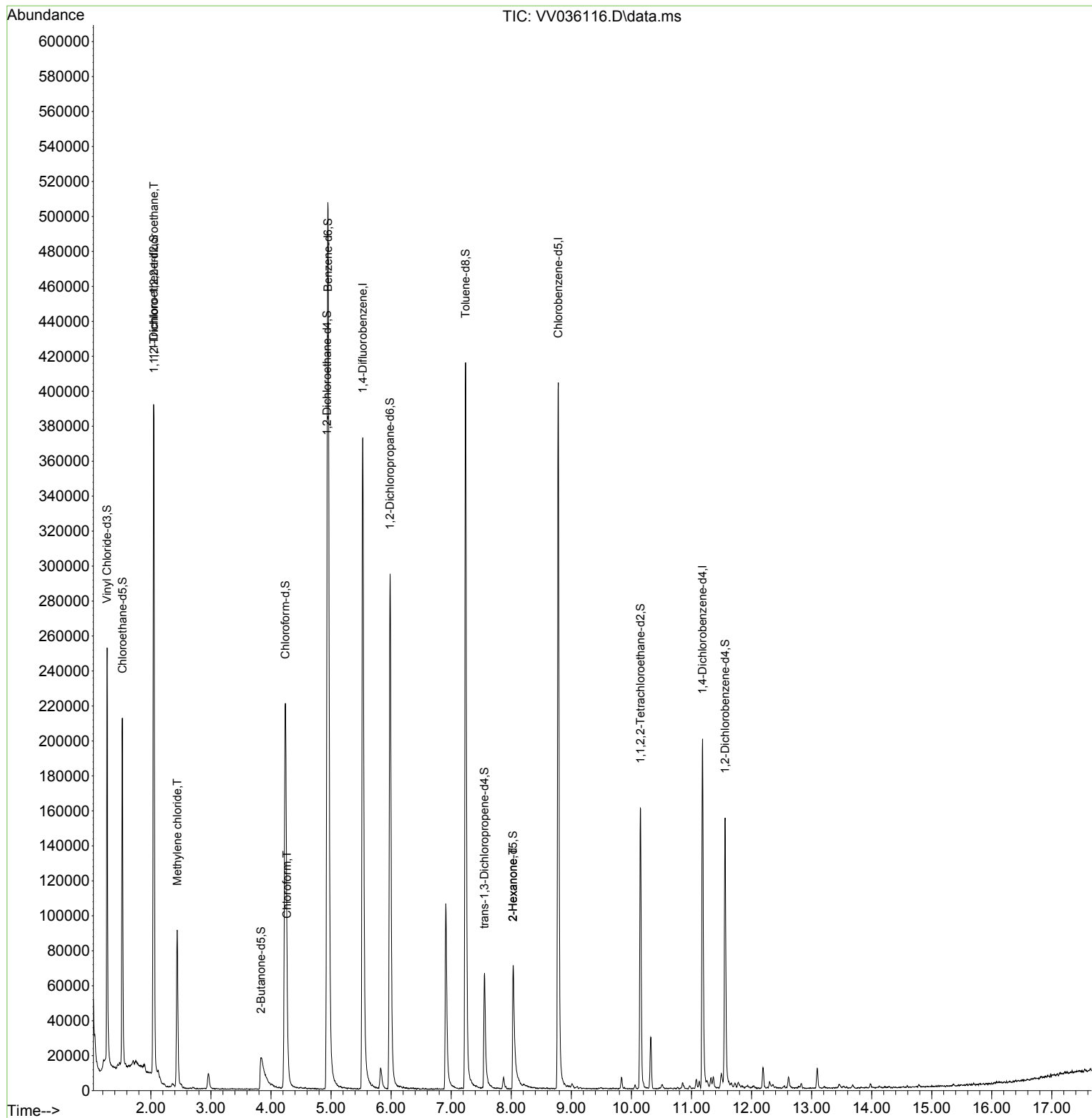
Internal Standards							
1) 1,4-Difluorobenzene		5.529	114	333314	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	235127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	53763	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	157736	25.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.960%		
7) Chloroethane-d5		1.526	69	130531	26.714	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.840%		
11) 1,1-Dichloroethene-d2		2.047	65	66052	24.212	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.840%		
21) 2-Butanone-d5		3.835	46	45106	32.081	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 64.160%		
24) Chloroform-d		4.240	84	246179	23.231	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 92.920%		
26) 1,2-Dichloroethane-d4		4.934	65	142021	25.562	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.240%		
32) Benzene-d6		4.950	84	444562	31.808	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 127.240%		
36) 1,2-Dichloropropane-d6		5.982	67	150137	34.112	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 136.440%#		
41) Toluene-d8		7.240	98	289714	23.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 93.960%		
43) trans-1,3-Dichloroprop...		7.555	79	46268	25.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.560%		
47) 2-Hexanone-d5		8.031	63	27984	46.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.860%		
56) 1,1,2,2-Tetrachloroeth...		10.149	84	81662	24.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 99.320%		
66) 1,2-Dichlorobenzene-d4		11.561	152	40945	20.768	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 83.080%		
Target Compounds							
10) 1,1,2-Trichloro-1,2,2-...		2.050	101	2321	0.406	ug/L #	37
16) Methylene chloride		2.439	84	38635	5.122	ug/L	99
25) Chloroform		4.269	83	6420	0.578	ug/L	88
48) 2-Hexanone		8.031	43	3248	1.894	ug/L #	65

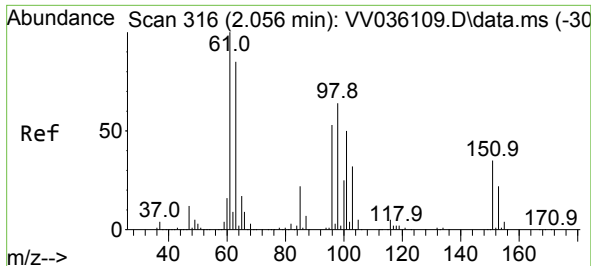
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 19 03:24:16 2024
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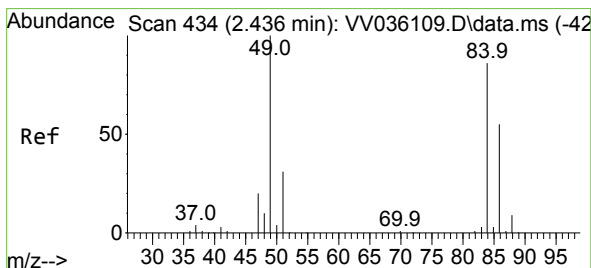
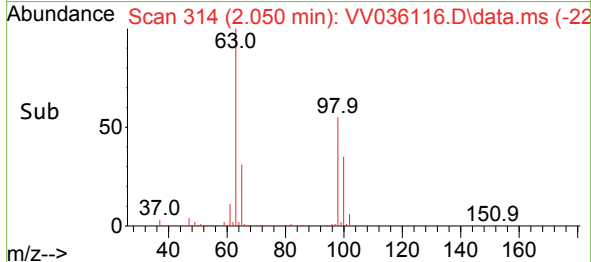
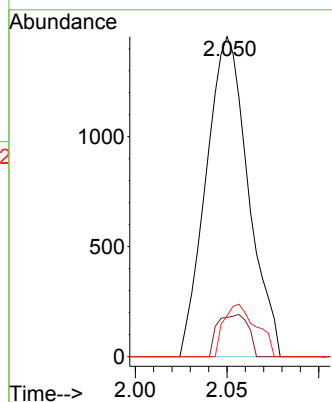
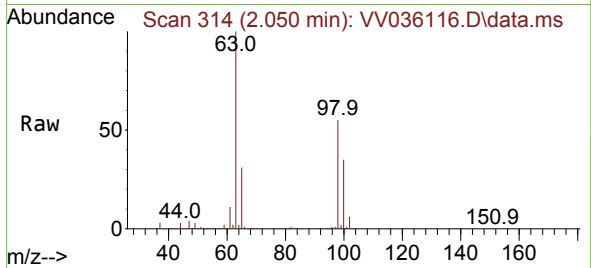




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.406 ug/L
RT: 2.050 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV036116.D
Acq: 18 Jun 2024 14:07

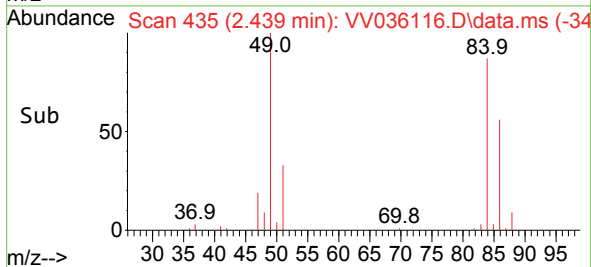
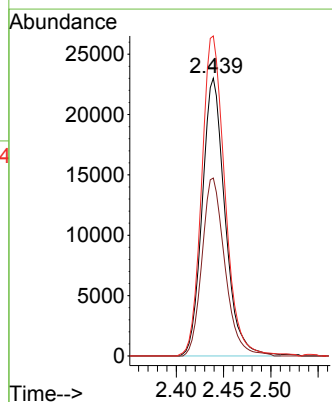
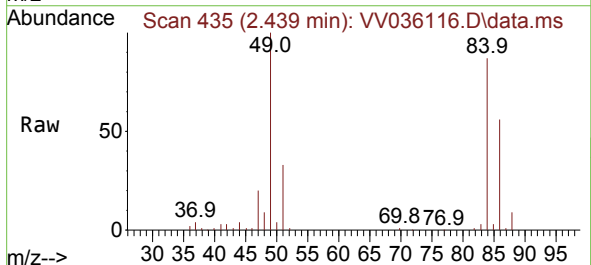
Instrument :
MSVOA_V
ClientSampleId :

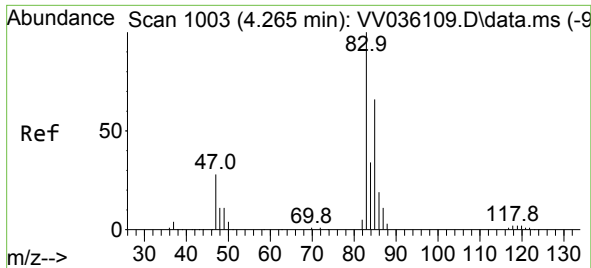
Tgt Ion:101 Resp: 2321
Ion Ratio Lower Upper
101 100
85 9.6 34.5 51.7#
151 12.6 56.3 84.5#



#16
Methylene chloride
Concen: 5.122 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV036116.D
Acq: 18 Jun 2024 14:07

Tgt Ion: 84 Resp: 38635
Ion Ratio Lower Upper
84 100
86 64.1 44.6 82.8
49 115.2 81.1 150.5

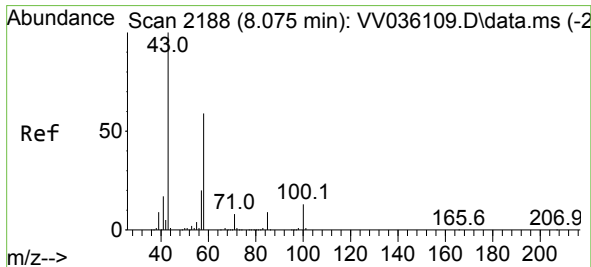
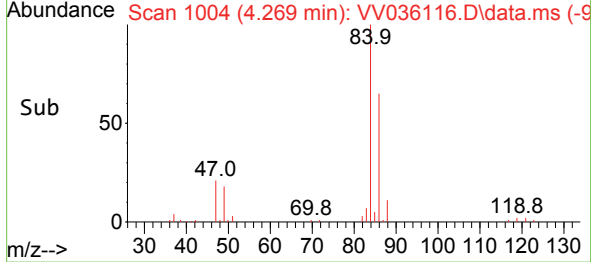
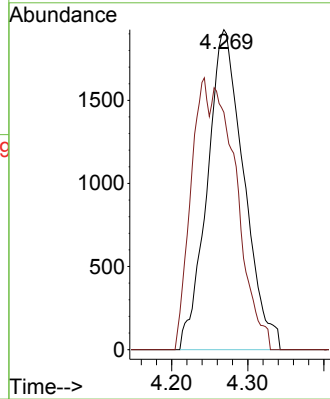
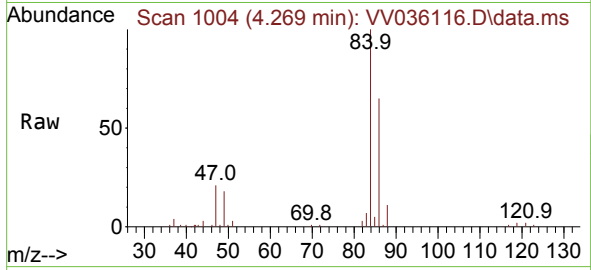




#25
Chloroform
Concen: 0.578 ug/L
RT: 4.269 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV036116.D
Acq: 18 Jun 2024 14:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 6420
Ion Ratio Lower Upper
83 100
85 74.1 45.2 84.0



#48
2-Hexanone
Concen: 1.894 ug/L
RT: 8.031 min Scan# 2174
Delta R.T. -0.045 min
Lab File: VV036116.D
Acq: 18 Jun 2024 14:07

Tgt Ion: 43 Resp: 3248
Ion Ratio Lower Upper
43 100
58 39.1 45.4 68.0#
57 55.6 15.8 23.8#
100 5.9 9.8 14.8#

