

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
 Data File : VV036143.D
 Acq On : 19 Jun 2024 17:28
 Operator : SY/MD
 Sample : VIBLK295
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK295

Quant Time: Jun 20 05:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

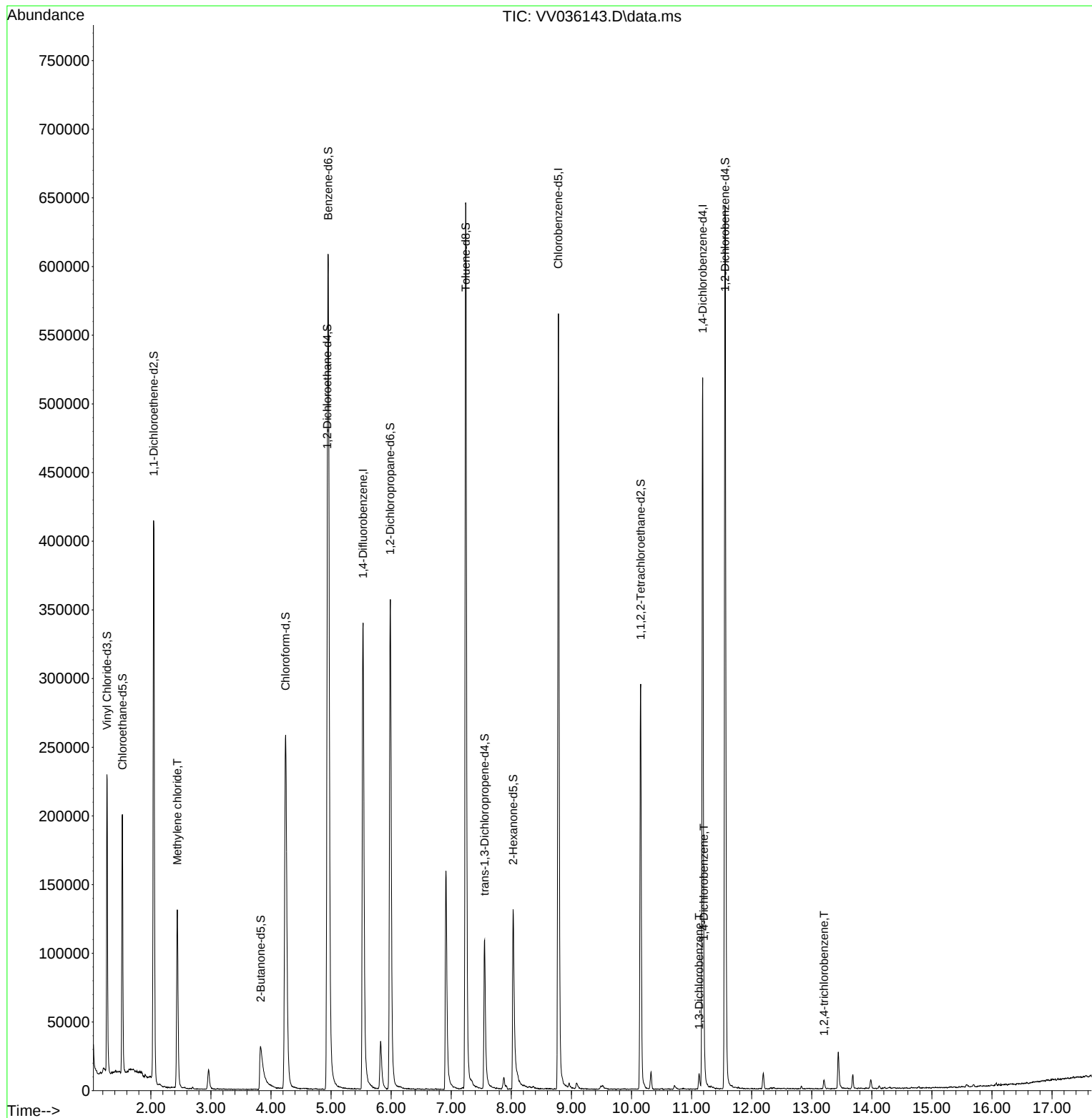
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	297324	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	317434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	135420	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.269	65	148904	27.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.960%		
7) Chloroethane-d5		1.526	69	129051	29.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.440%		
11) 1,1-Dichloroethene-d2		2.047	65	71154	29.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 116.960%#		
21) 2-Butanone-d5		3.828	46	59961	47.809	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.620%		
24) Chloroform-d		4.243	84	287170	30.380	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 121.520%		
26) 1,2-Dichloroethane-d4		4.937	65	168223	33.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 135.760%#		
32) Benzene-d6		4.954	84	542661	28.759	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 115.040%		
36) 1,2-Dichloropropane-d6		5.986	67	181700	30.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 122.320%#		
41) Toluene-d8		7.243	98	446566	26.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.280%		
43) trans-1,3-Dichloroprop...		7.555	79	69452	28.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 114.040%		
47) 2-Hexanone-d5		8.031	63	48470	60.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.420%		
56) 1,1,2,2-Tetrachloroeth...		10.153	84	146884	33.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 132.320%#		
66) 1,2-Dichlorobenzene-d4		11.558	152	167410	33.711	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 134.840%#		
Target Compounds							
16) Methylene chloride		2.439	84	56275	8.364	ug/L	98
64) 1,3-Dichlorobenzene		11.127	146	5270	0.578	ug/L	89
65) 1,4-Dichlorobenzene		11.207	146	4978	0.529	ug/L	96
70) 1,2,4-trichlorobenzene		13.204	180	2365	0.440	ug/L #	88

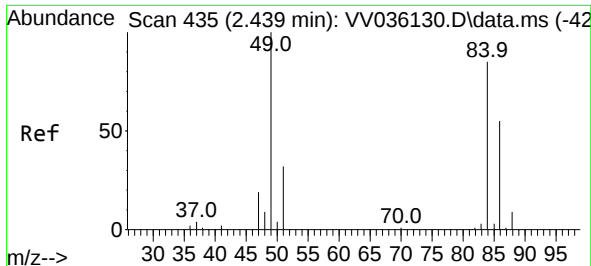
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration

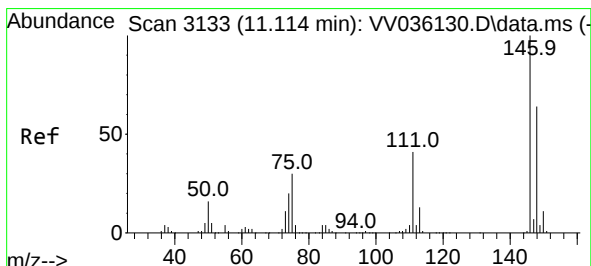
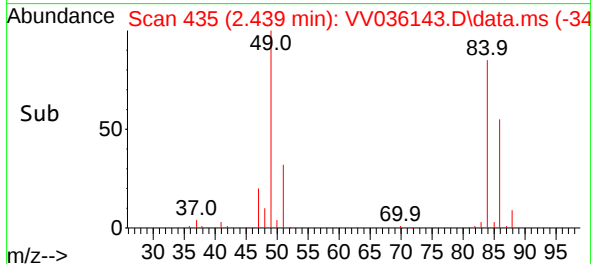
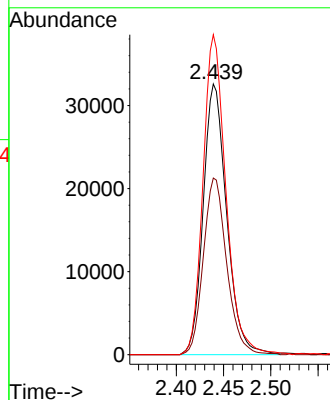
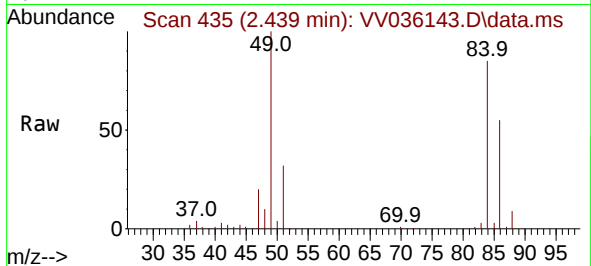




#16
Methylene chloride
Concen: 8.364 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036143.D
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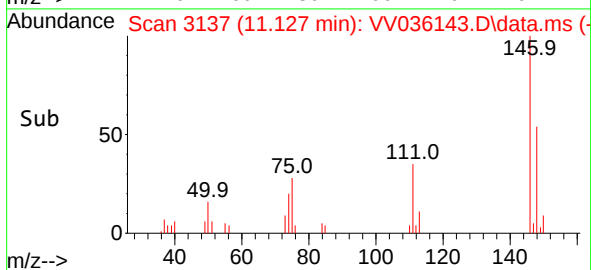
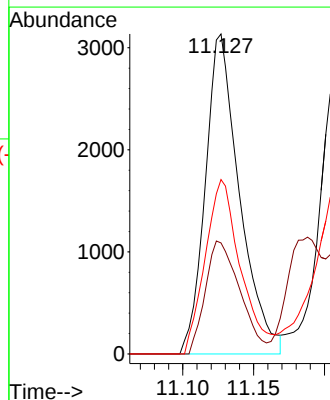
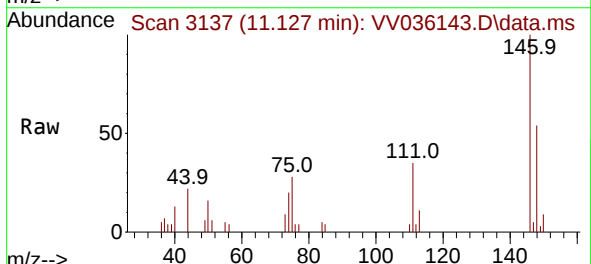
Instrument :
MSVOA_V
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VIBLK295

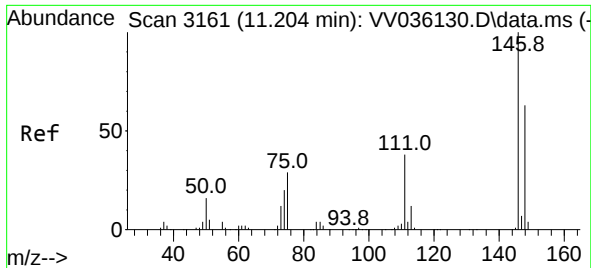
Tgt Ion: 84 Resp: 56275
Ion Ratio Lower Upper
84 100
86 65.3 44.6 82.8
49 118.2 81.1 150.5



#64
1,3-Dichlorobenzene
Concen: 0.578 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV036143.D
Acq: 19 Jun 2024 17:28

Tgt Ion:146 Resp: 5270
Ion Ratio Lower Upper
146 100
111 34.7 28.1 52.1
148 54.5 44.7 83.1

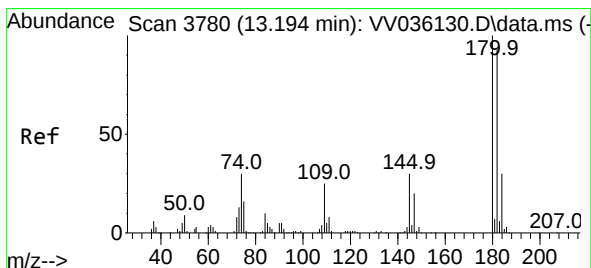
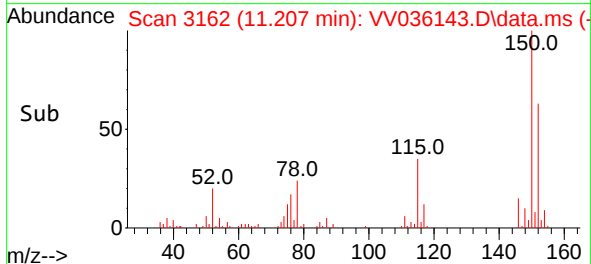
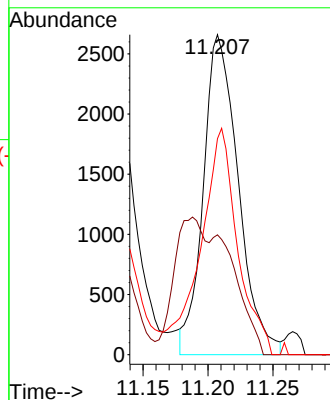
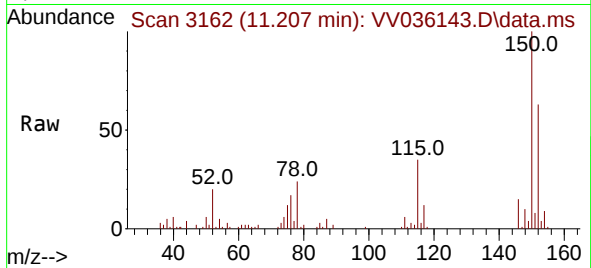




#65
1,4-Dichlorobenzene
Concen: 0.529 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV036143.D
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MSVOA_V
ClientSampleId :
VIBLK295

Tgt Ion:146	Resp:	4978
Ion Ratio	Lower	Upper
146	100	
111	37.4	26.9 50.1
148	67.5	44.5 82.7



#70
1,2,4-trichlorobenzene
Concen: 0.440 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.010 min
Lab File: VV036143.D
Acq: 19 Jun 2024 17:28

Tgt Ion:180	Resp:	2365
Ion Ratio	Lower	Upper
180	100	
182	103.3	76.1 114.1
145	16.0	23.5 35.3

