

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
 Data File : VV036139.D
 Acq On : 19 Jun 2024 15:55
 Operator : SY/MD
 Sample : VIBLK293
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK293

Quant Time: Jun 20 05:16:33 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)

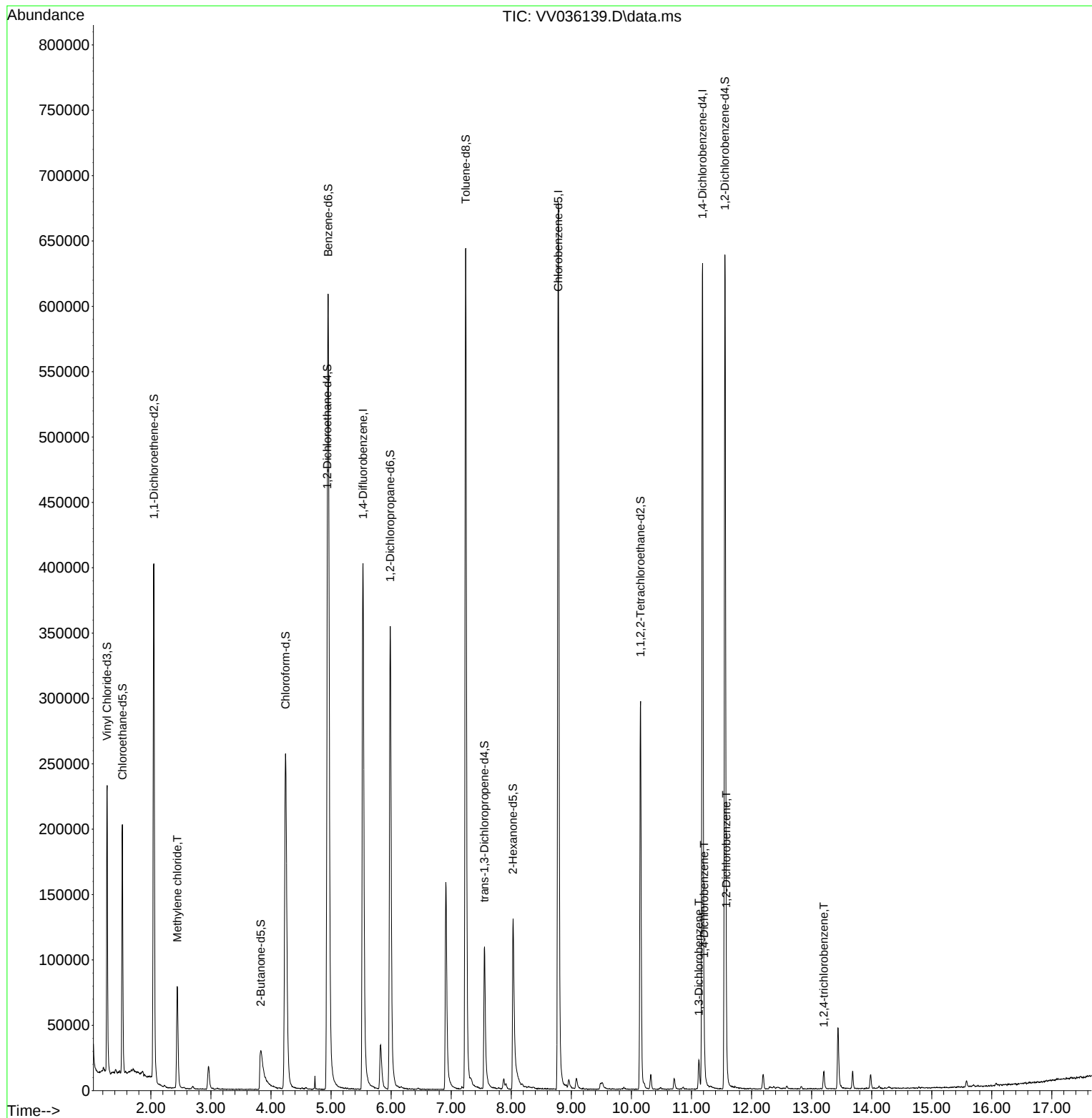
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	352934	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	378469	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	164803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	148883	22.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.800%
7) Chloroethane-d5	1.526	69	127411	24.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.520%
11) 1,1-Dichloroethene-d2	2.050	65	69271	23.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.920%
21) 2-Butanone-d5	3.828	46	65016	43.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.340%
24) Chloroform-d	4.243	84	285450	25.440	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.760%
26) 1,2-Dichloroethane-d4	4.937	65	167981	28.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.200%
32) Benzene-d6	4.953	84	537365	23.886	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	5.985	67	180742	25.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	7.243	98	447358	22.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.160%
43) trans-1,3-Dichloroprop...	7.555	79	69897	24.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.240%
47) 2-Hexanone-d5	8.030	63	47975	49.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	148335	28.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	164501	27.219	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.880%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.439	84	34258	4.290	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	9627	0.867	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	8719	0.761	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	4467	0.428	ug/L	93
70) 1,2,4-trichlorobenzene	13.204	180	4334	0.663	ug/L	98

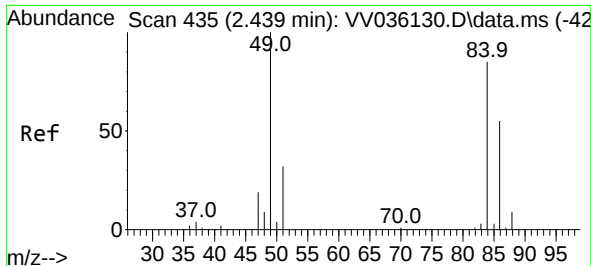
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

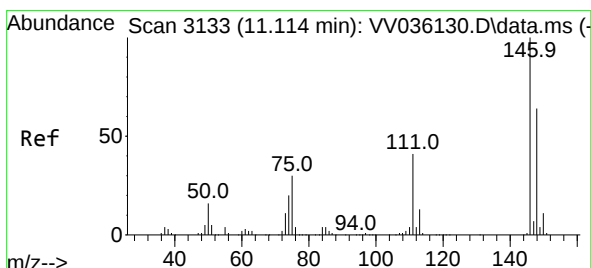
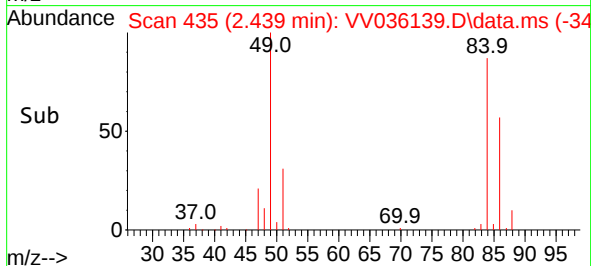
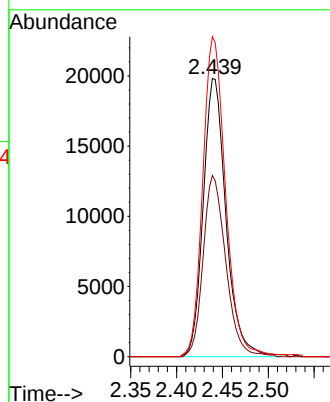
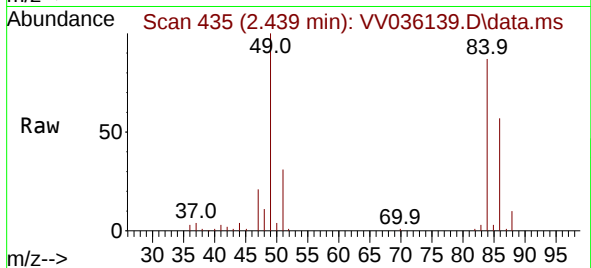




#16
Methylene chloride
Concen: 4.290 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036139.D
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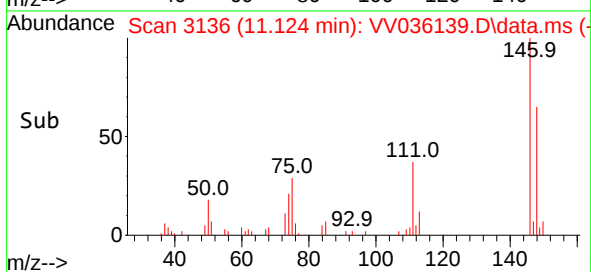
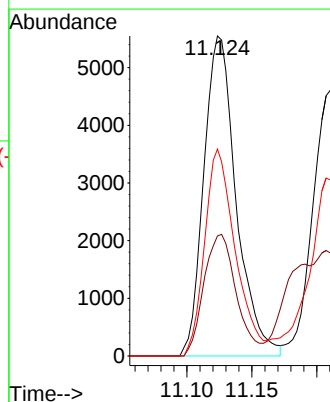
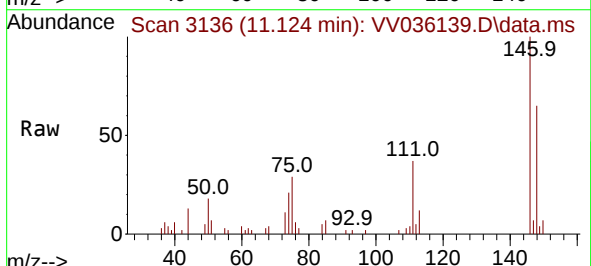
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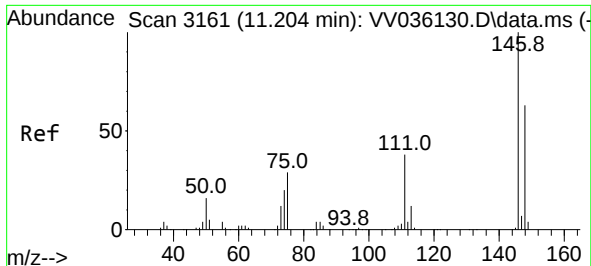
Tgt Ion: 84 Resp: 34258
Ion Ratio Lower Upper
84 100
86 65.2 44.6 82.8
49 115.1 81.1 150.5



#64
1,3-Dichlorobenzene
Concen: 0.867 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

Tgt Ion: 146 Resp: 9627
Ion Ratio Lower Upper
146 100
111 37.5 28.1 52.1
148 64.6 44.7 83.1

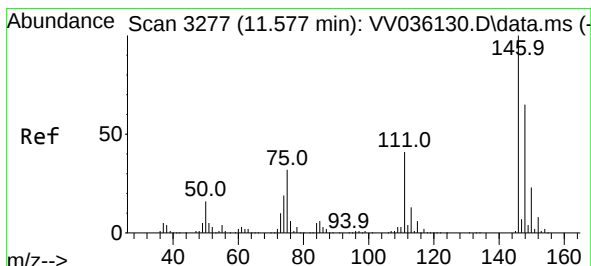
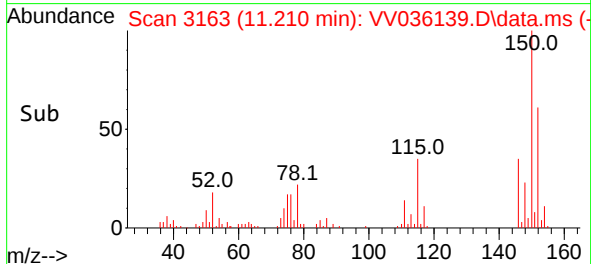
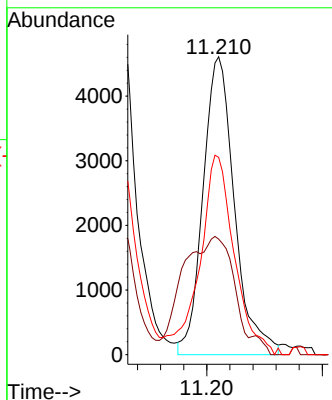
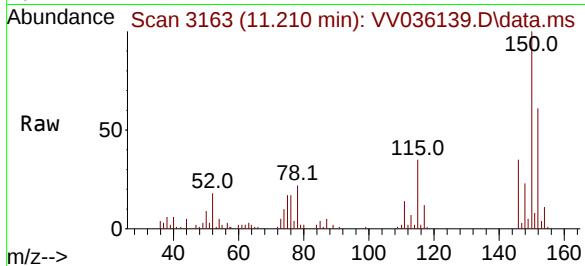




#65
1,4-Dichlorobenzene
Concen: 0.761 ug/L
RT: 11.210 min Scan# 3161
Delta R.T. 0.006 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

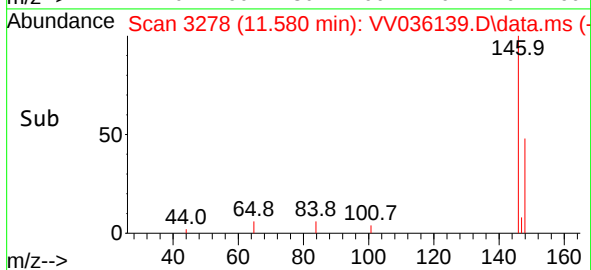
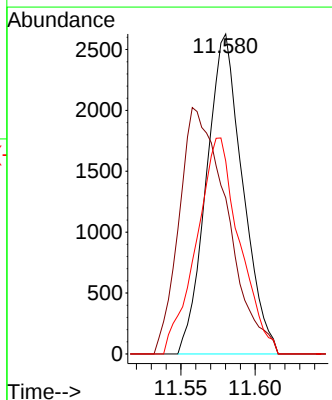
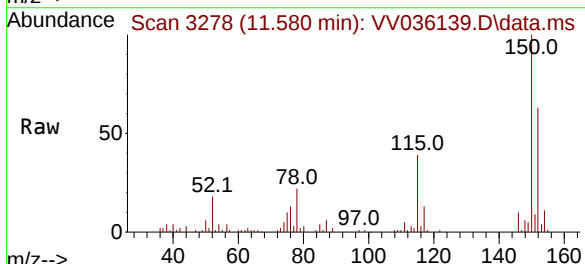
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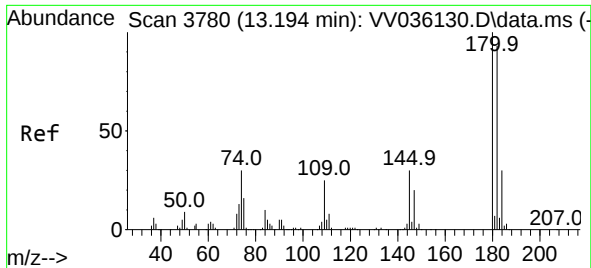
Tgt Ion:146 Resp: 8719
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 66.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 0.428 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV036139.D
Acq: 19 Jun 2024 15:55

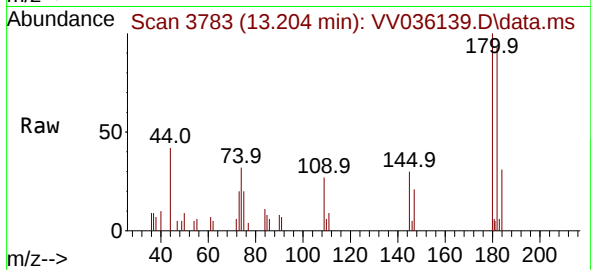
Tgt Ion:146 Resp: 4467
Ion Ratio Lower Upper
146 100
111 48.8 33.5 50.3
148 60.3 50.9 76.3





#70
 1,2,4-trichlorobenzene
 Concen: 0.663 ug/L
 RT: 13.204 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VV036139.D
 Acq: 19 Jun 2024 15:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK293



Tgt Ion:	180	Resp:	4334
Ion Ratio	Lower	Upper	
180	100		
182	97.9	76.1	114.1
145	29.0	23.5	35.3

