

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035980.D
 Acq On : 06 Jun 2024 12:11
 Operator : SY/MD
 Sample : VV0606SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 07 02:17:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

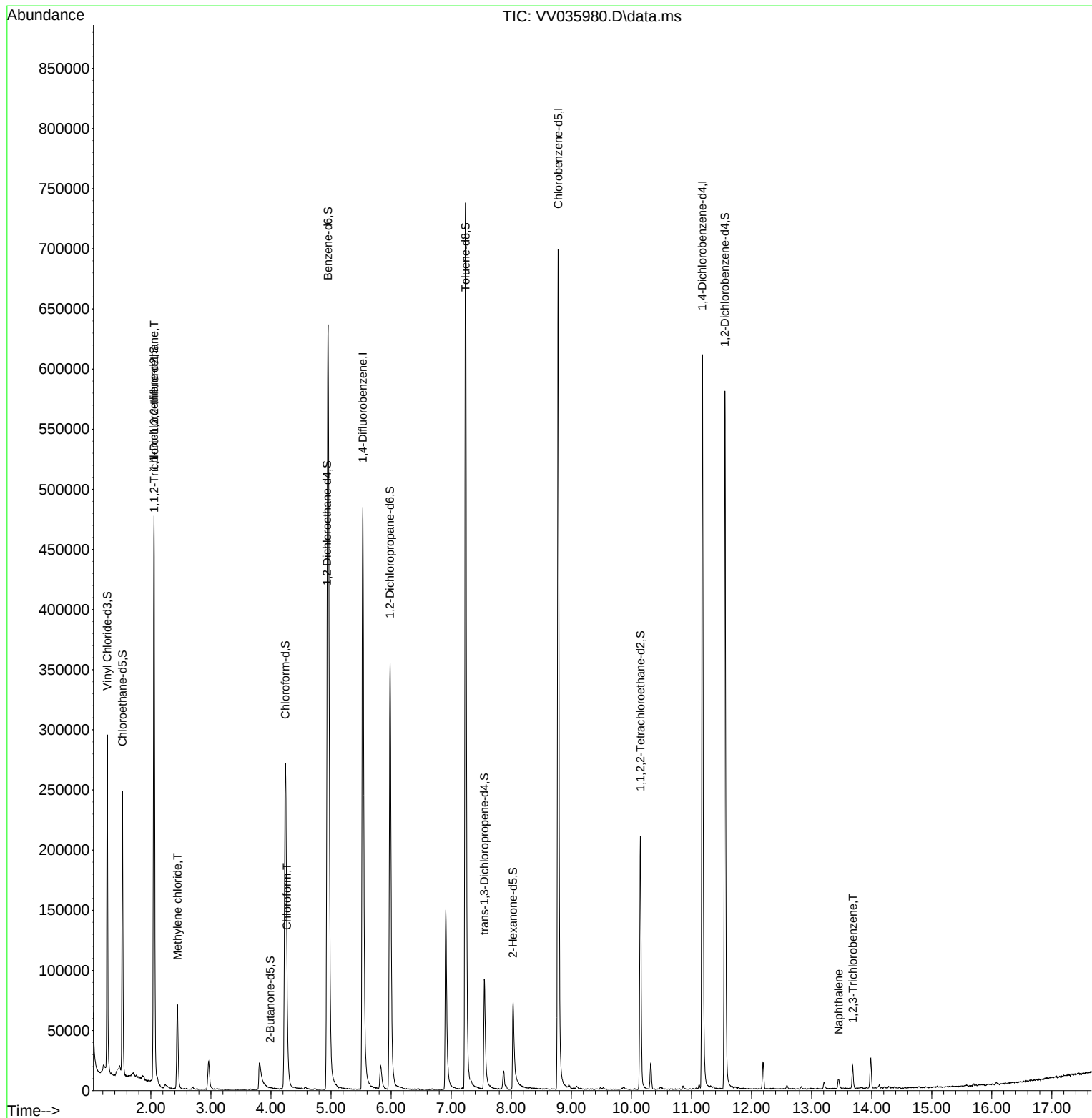
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	429904	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	401007	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	164089	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	185246	23.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.760%
7) Chloroethane-d5	1.526	69	153502	24.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
11) 1,1-Dichloroethene-d2	2.053	65	81915	23.281	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	3.989	46	296	0.163	ug/L	0.15
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.320%#
24) Chloroform-d	4.239	84	306085	22.395	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	4.934	65	140089	19.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	4.950	84	605080	25.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.520%
36) 1,2-Dichloropropane-d6	5.982	67	184639	24.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.239	98	508361	24.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	7.551	79	59177	19.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.920%
47) 2-Hexanone-d5	8.030	63	28011	27.542	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.080%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	108304	19.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	153131	25.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2948	0.399	ug/L #	39
16) Methylene chloride	2.442	84	30510	3.136	ug/L	94
25) Chloroform	4.268	83	7604	0.531	ug/L	83
71) Naphthalene	13.448	128	8673	0.816	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.686	180	2039	0.343	ug/L	94

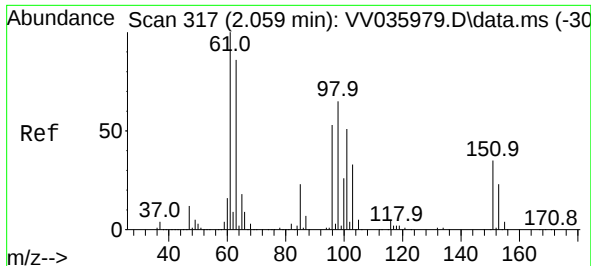
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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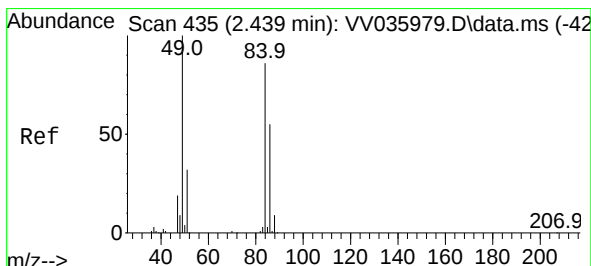
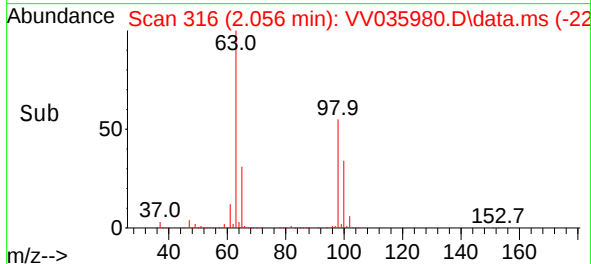
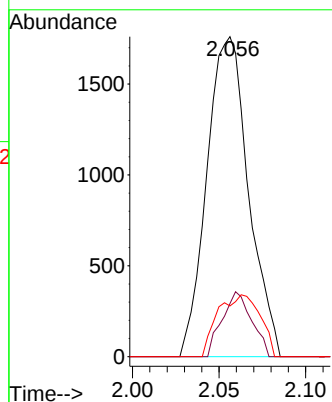
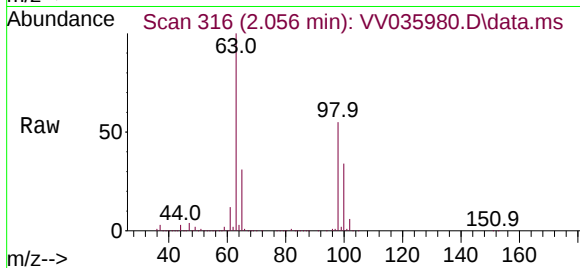




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.399 ug/L
RT: 2.056 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV035980.D
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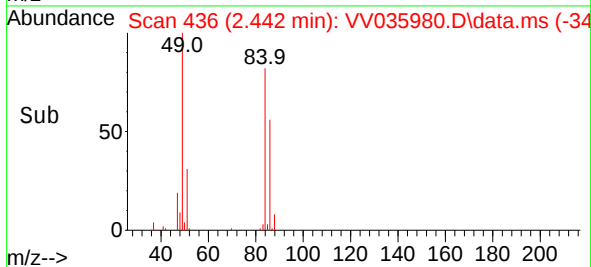
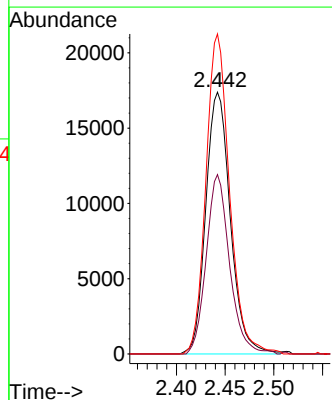
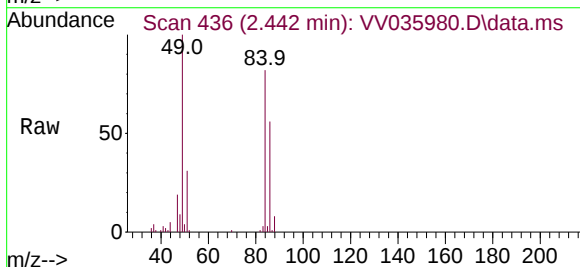
Instrument :
MSVOA_V
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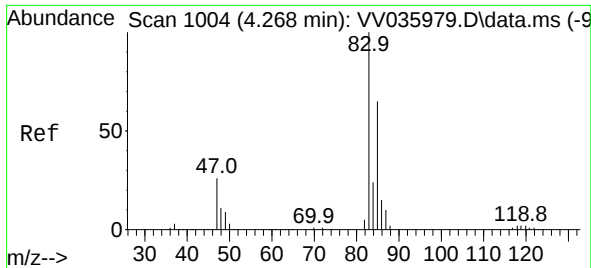
Tgt Ion:101 Resp: 2948
Ion Ratio Lower Upper
101 100
85 14.3 34.5 51.7#
151 12.1 56.3 84.5#



#16
Methylene chloride
Concen: 3.136 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035980.D
Acq: 06 Jun 2024 12:11

Tgt Ion: 84 Resp: 30510
Ion Ratio Lower Upper
84 100
86 68.5 44.6 82.8
49 122.2 81.1 150.5

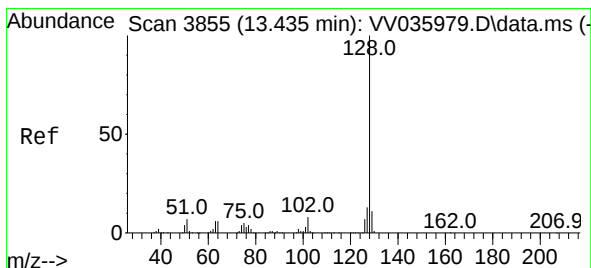
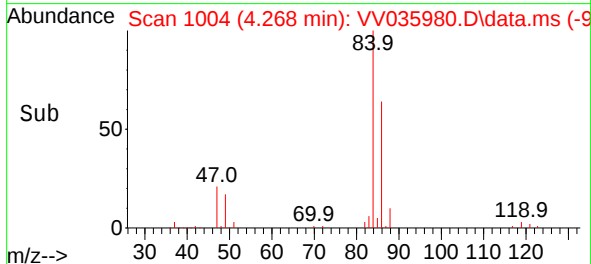
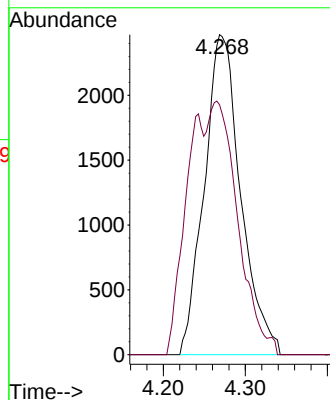
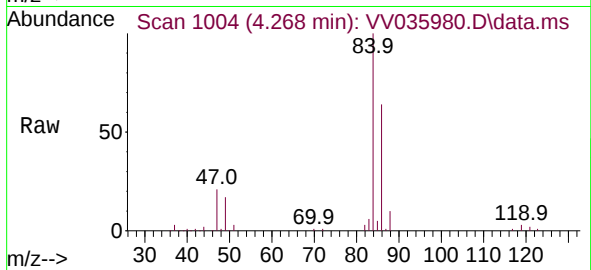




#25
Chloroform
Concen: 0.531 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV035980.D
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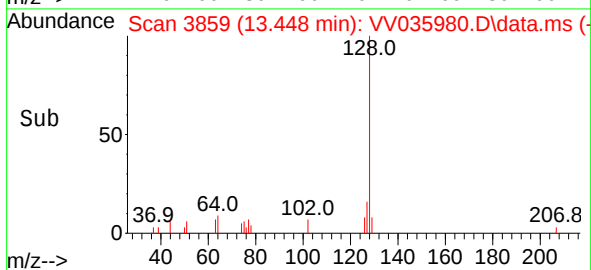
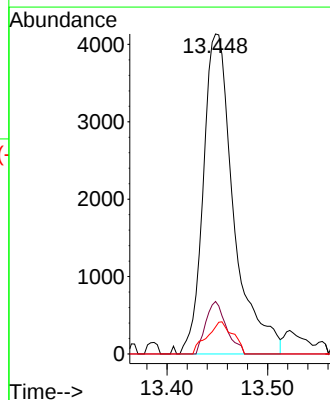
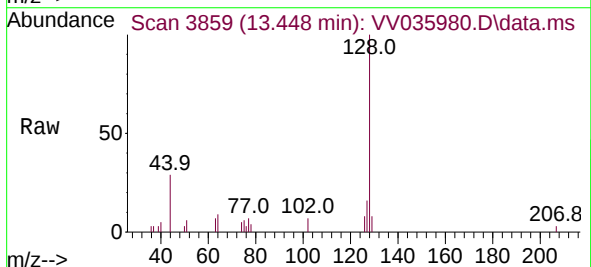
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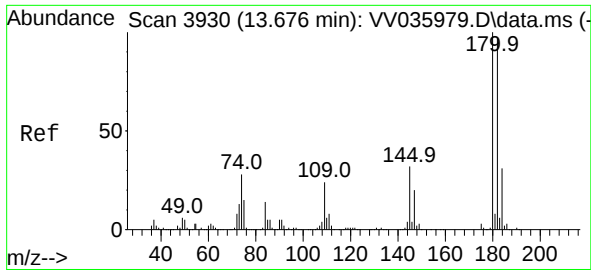
Tgt Ion: 83 Resp: 7604
Ion Ratio Lower Upper
83 100
85 78.1 45.2 84.0



#71
Naphthalene
Concen: 0.816 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV035980.D
Acq: 06 Jun 2024 12:11

Tgt Ion: 128 Resp: 8673
Ion Ratio Lower Upper
128 100
127 11.1 10.6 16.0
129 8.5 8.8 13.2#





#72

1,2,3-Trichlorobenzene

Concen: 0.343 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.010 min

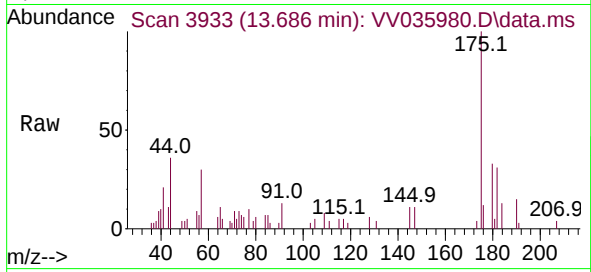
Lab File: VV035980.D

Acq: 06 Jun 2024 12:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2039

Ion Ratio Lower Upper

180 100

182 101.4 75.1 112.7

145 32.0 25.2 37.8

