

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036377.D
 Acq On : 01 Jul 2024 15:48
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 02:39:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

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

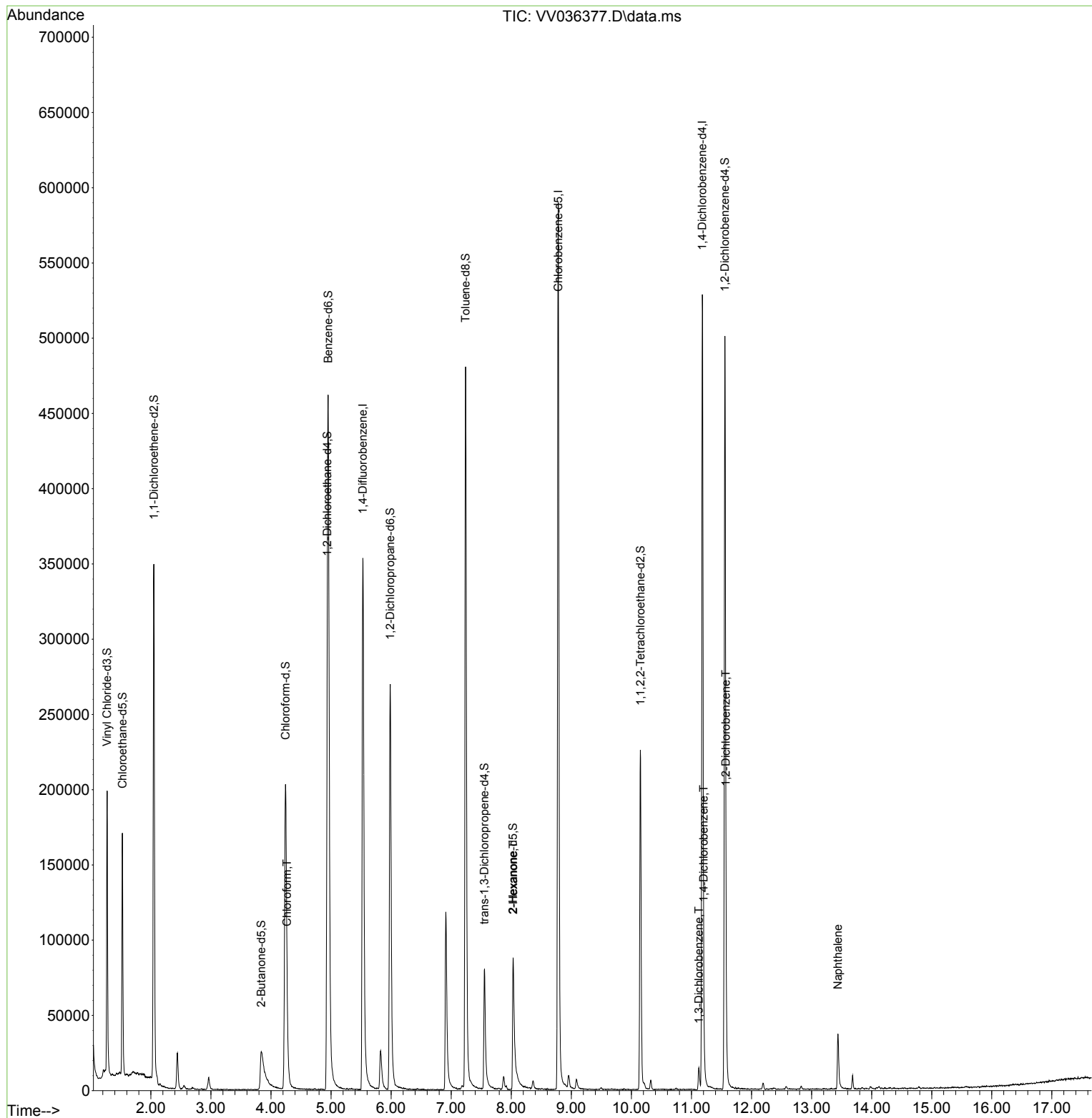
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	321916	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	339425	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	144561	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123521	22.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
7) Chloroethane-d5	1.526	69	105489	24.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.640%
11) 1,1-Dichloroethene-d2	2.050	65	58230	22.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.640%
21) 2-Butanone-d5	3.838	46	43519	34.298	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.600%
24) Chloroform-d	4.243	84	220534	23.209	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	4.937	65	122868	24.247	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.953	84	410963	21.448	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.985	67	134997	23.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	7.239	98	339333	19.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.560%
43) trans-1,3-Dichloroprop...	7.555	79	51954	20.187	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.760%
47) 2-Hexanone-d5	8.030	63	33592	36.514	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	113476	24.020	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	130057	24.688	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.760%
Target Compounds						Qvalue
25) Chloroform	4.268	83	6544	0.685	ug/L	79
48) 2-Hexanone	8.034	43	3739	1.642	ug/L #	62
64) 1,3-Dichlorobenzene	11.124	146	6602	0.725	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	4308	0.441	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	9920	1.141	ug/L	93
71) Naphthalene	13.439	128	32164	3.299	ug/L	99

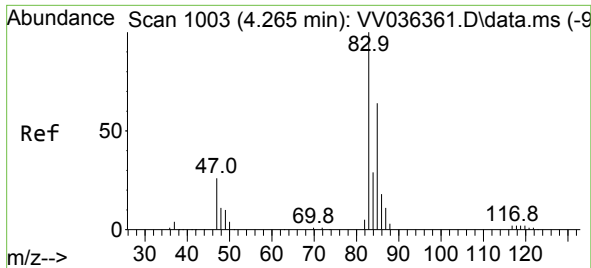
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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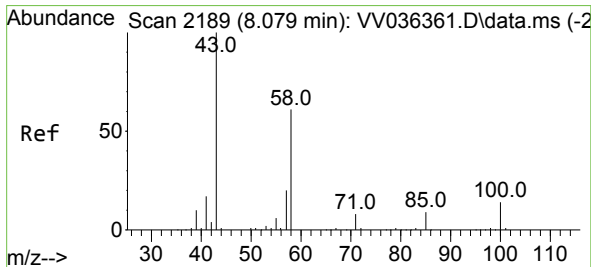
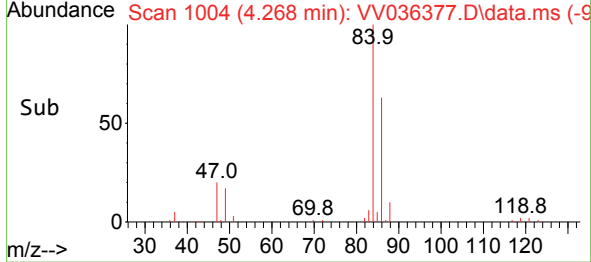
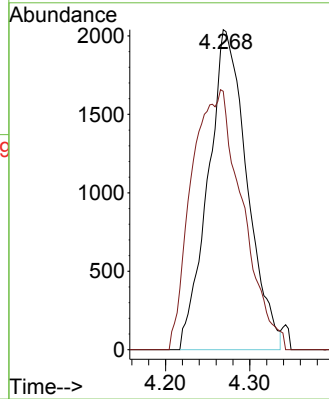
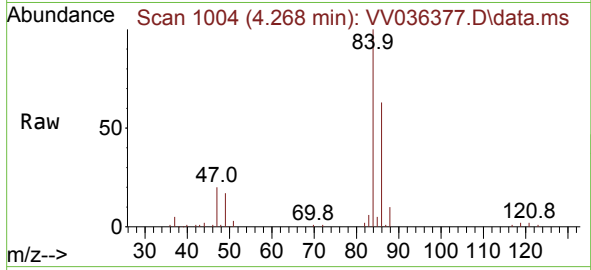




#25
Chloroform
Concen: 0.685 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036377.D
Acq: 01 Jul 2024 15:48

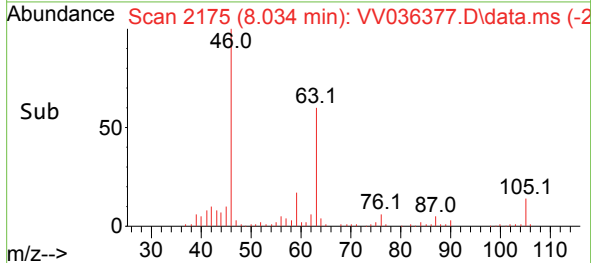
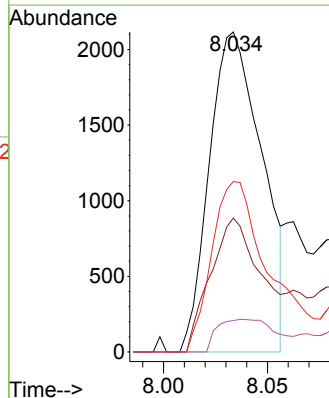
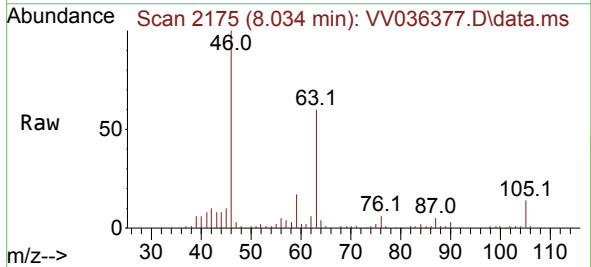
Instrument :
MSVOA_V
ClientSampleId :

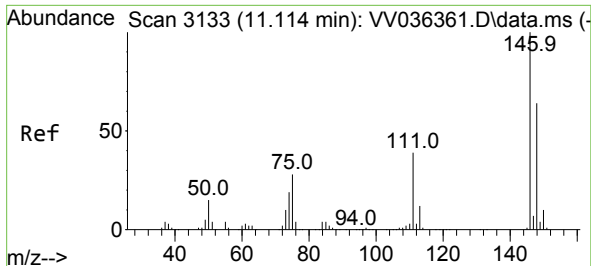
Tgt Ion: 83 Resp: 6544
Ion Ratio Lower Upper
83 100
85 80.7 45.0 83.6



#48
2-Hexanone
Concen: 1.642 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036377.D
Acq: 01 Jul 2024 15:48

Tgt Ion: 43 Resp: 3739
Ion Ratio Lower Upper
43 100
58 40.4 48.5 72.7#
57 59.2 15.8 23.6#
100 7.1 10.9 16.3#

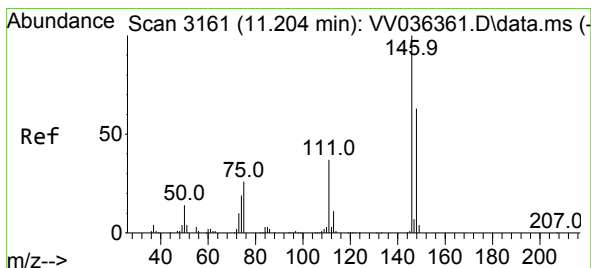
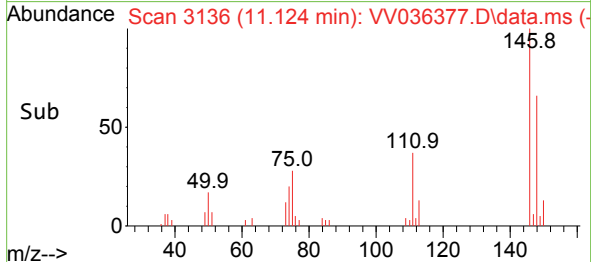
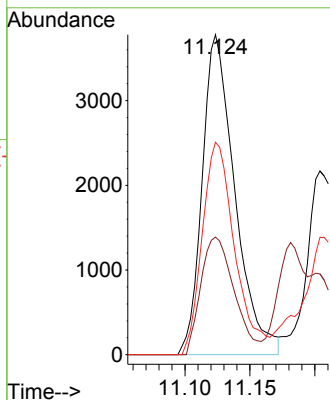
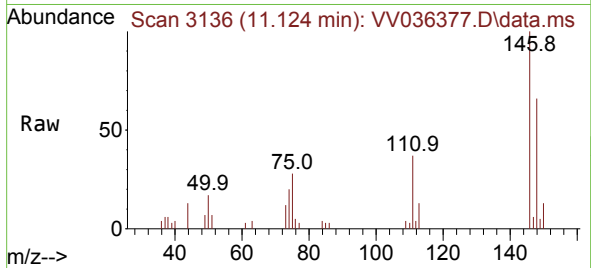




#64
1,3-Dichlorobenzene
Concen: 0.725 ug/L
RT: 11.124 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV036377.D
Acq: 01 Jul 2024 15:48

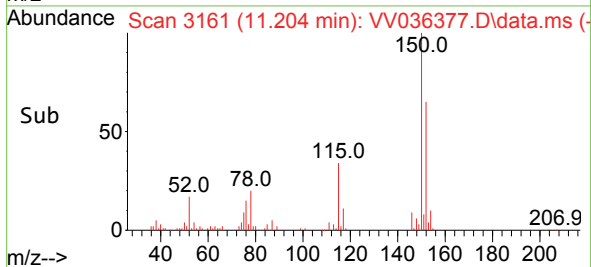
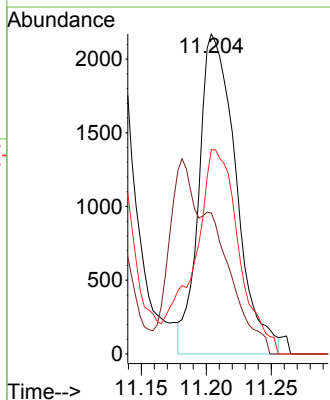
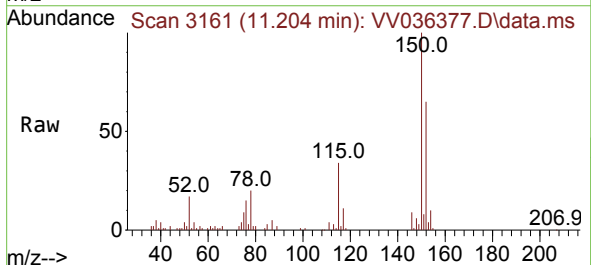
Instrument :
MSVOA_V
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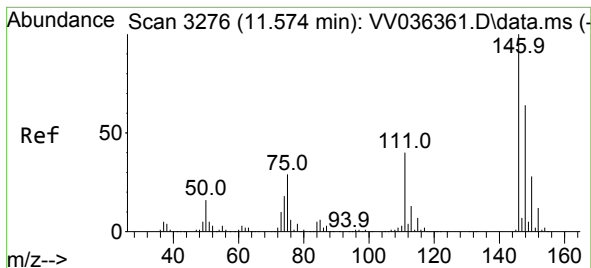
Tgt Ion:146 Resp: 6602
Ion Ratio Lower Upper
146 100
111 36.8 27.5 51.1
148 66.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 0.441 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036377.D
Acq: 01 Jul 2024 15:48

Tgt Ion:146 Resp: 4308
Ion Ratio Lower Upper
146 100
111 44.0 27.5 51.1
148 63.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 1.141 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

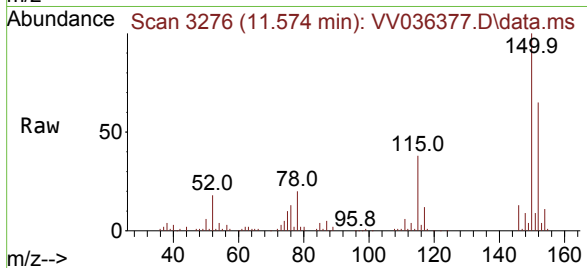
Lab File: VV036377.D

Acq: 01 Jul 2024 15:48

Instrument :

MSVOA_V

ClientSampleId :



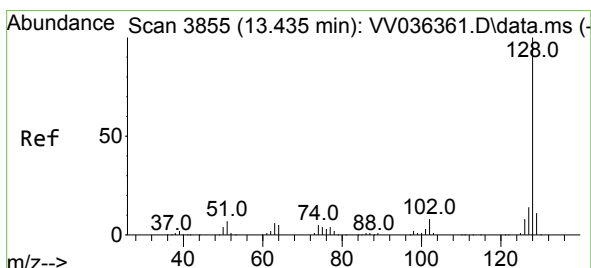
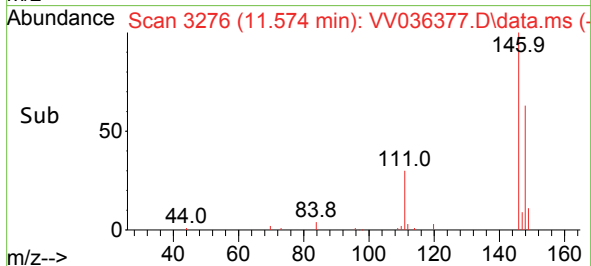
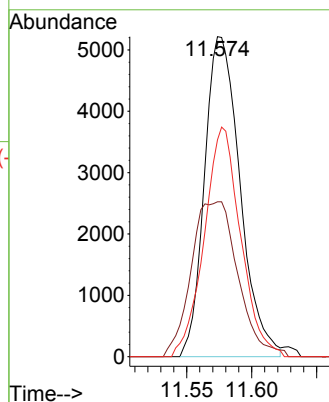
Tgt Ion:146 Resp: 9920

Ion Ratio Lower Upper

146 100

111 48.4 33.3 49.9

148 67.8 51.1 76.7



#71

Naphthalene

Concen: 3.299 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV036377.D

Acq: 01 Jul 2024 15:48

Tgt Ion:128 Resp: 32164

Ion Ratio Lower Upper

128 100

127 14.1 10.8 16.2

129 10.9 8.6 13.0

