

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036379.D
 Acq On : 01 Jul 2024 16:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 02:39:59 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

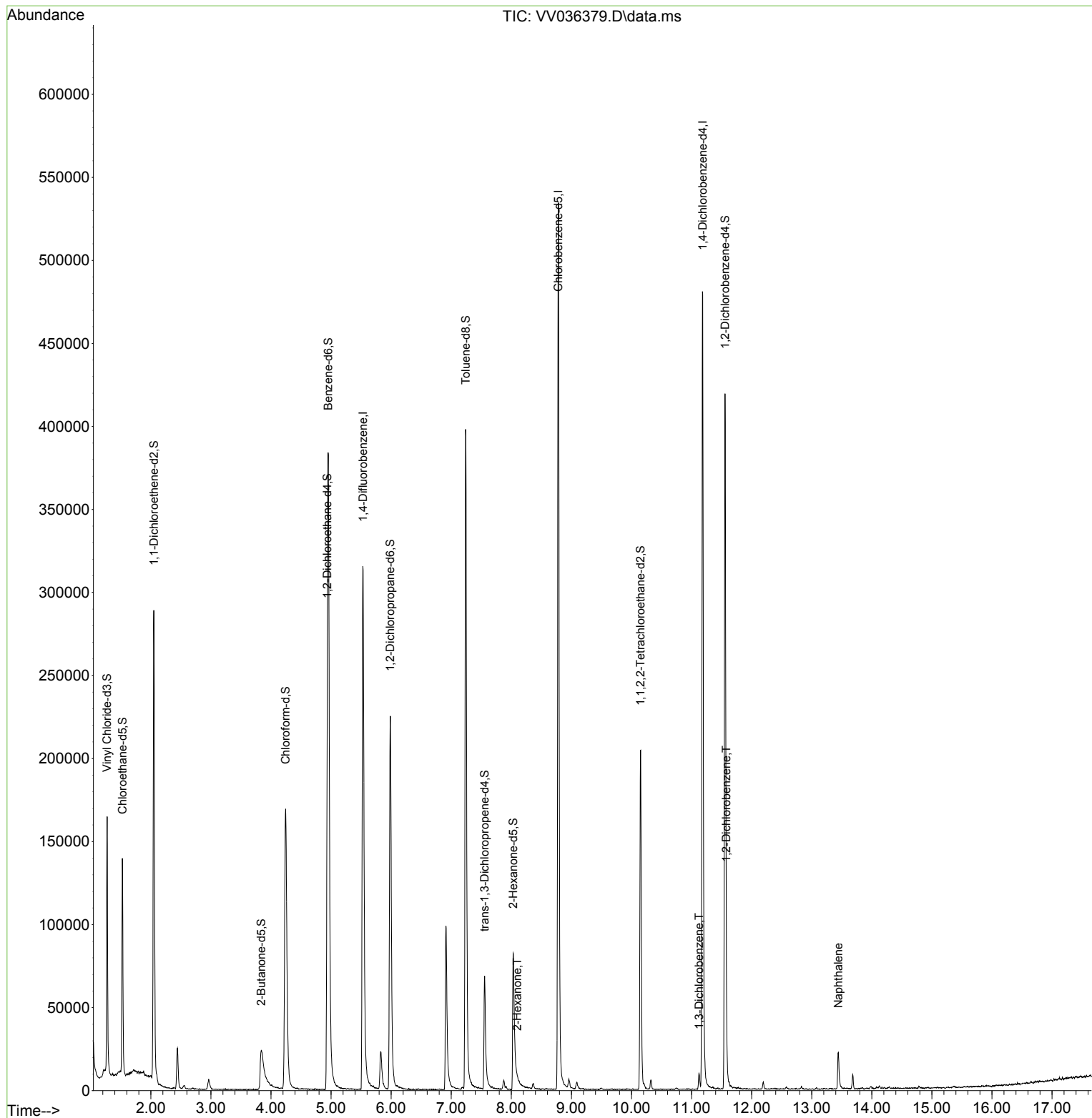
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	286578	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	306113	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131362	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	101847	20.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.720%
7) Chloroethane-d5	1.526	69	87514	22.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	2.050	65	47120	20.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	3.838	46	43434	38.452	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.900%
24) Chloroform-d	4.243	84	187022	22.109	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	4.937	65	108105	23.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.840%
32) Benzene-d6	4.953	84	346445	20.049	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.985	67	114748	22.077	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.320%
41) Toluene-d8	7.239	98	275860	17.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.840%
43) trans-1,3-Dichloroprop...	7.554	79	44964	19.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.480%
47) 2-Hexanone-d5	8.030	63	32054	38.634	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103583	24.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.240%
66) 1,2-Dichlorobenzene-d4	11.557	152	110111	23.002	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.000%
Target Compounds						
48) 2-Hexanone	8.098	43	1597	0.777	ug/L	# 54
64) 1,3-Dichlorobenzene	11.127	146	4715	0.570	ug/L	89
67) 1,2-Dichlorobenzene	11.577	146	6962	0.881	ug/L	97
71) Naphthalene	13.442	128	20185	2.279	ug/L	98

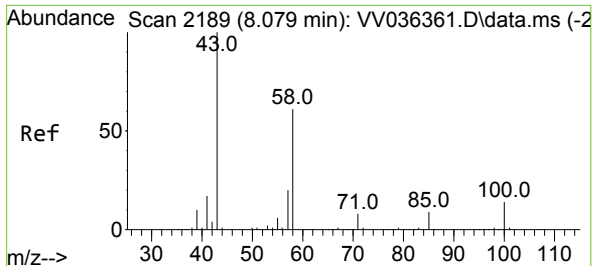
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#48

2-Hexanone

Concen: 0.777 ug/L

RT: 8.098 min Scan# 2189

Delta R.T. 0.019 min

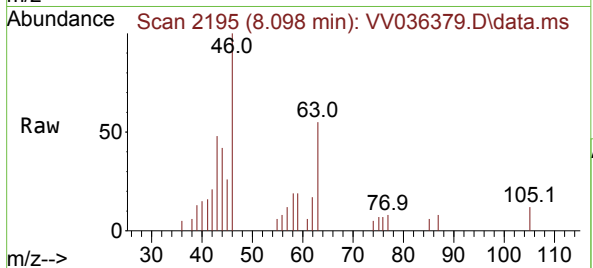
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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 1597

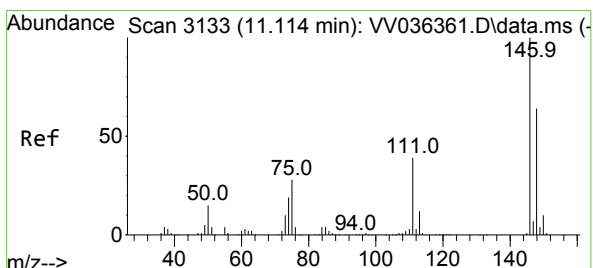
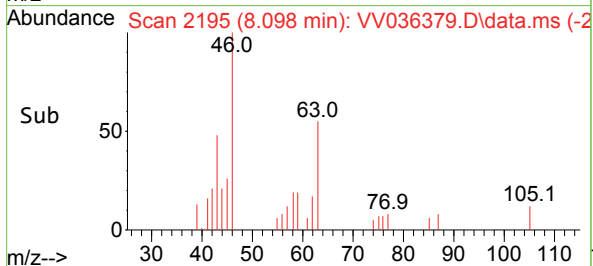
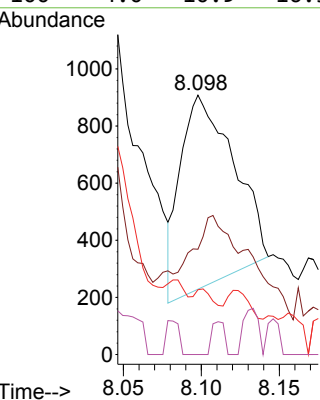
Ion Ratio Lower Upper

43 100

58 20.8 48.5 72.7#

57 0.0 15.8 23.6#

100 4.0 10.9 16.3#



#64

1,3-Dichlorobenzene

Concen: 0.570 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.013 min

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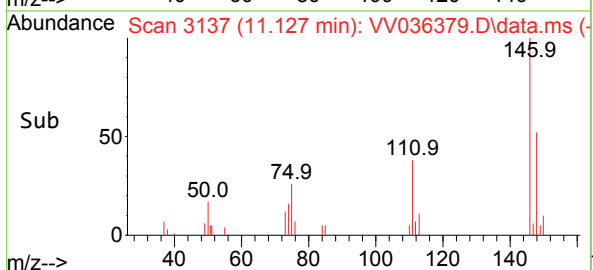
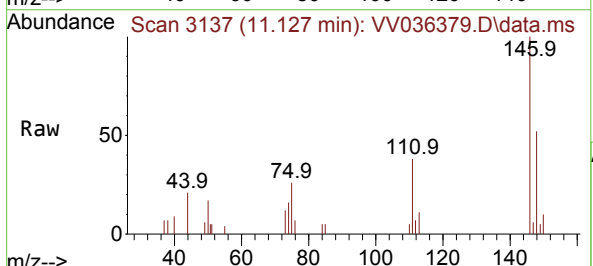
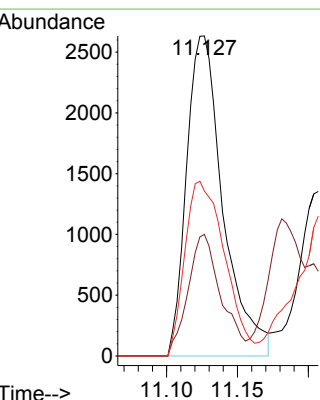
Tgt Ion: 146 Resp: 4715

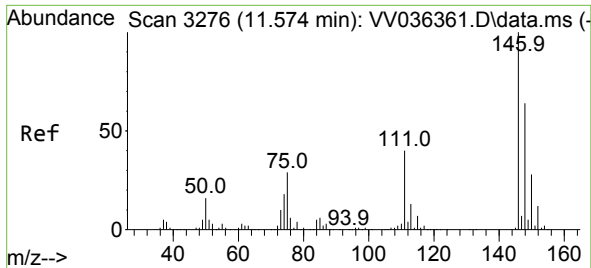
Ion Ratio Lower Upper

146 100

111 38.0 27.5 51.1

148 51.5 44.9 83.3

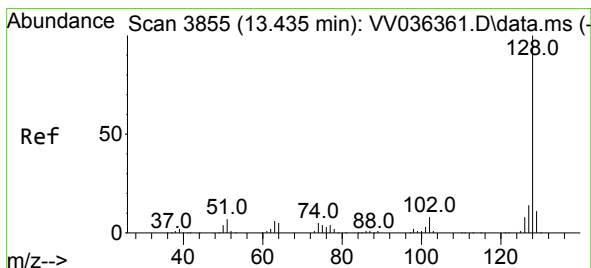
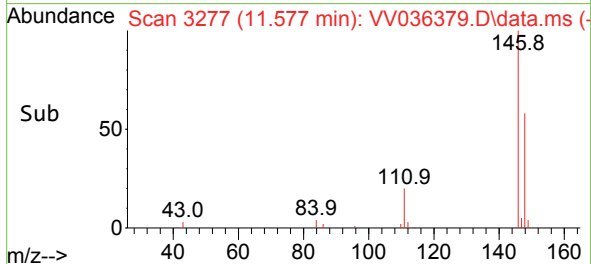
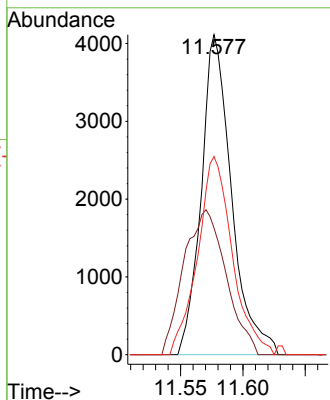
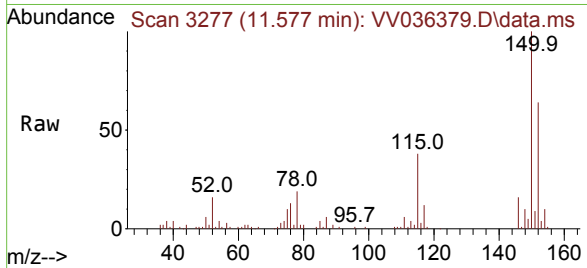




#67
1,2-Dichlorobenzene
Concen: 0.881 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036379.D
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 6962
Ion Ratio Lower Upper
146 100
111 39.6 33.3 49.9
148 61.9 51.1 76.7



#71
Naphthalene
Concen: 2.279 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV036379.D
Acq: 01 Jul 2024 16:34

Tgt Ion:128 Resp: 20185
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.7 8.6 13.0

