

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036514.D
 Acq On : 12 Jul 2024 18:07
 Operator : SY/MD
 Sample : P3215-16
 Misc : 5.52g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:11:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

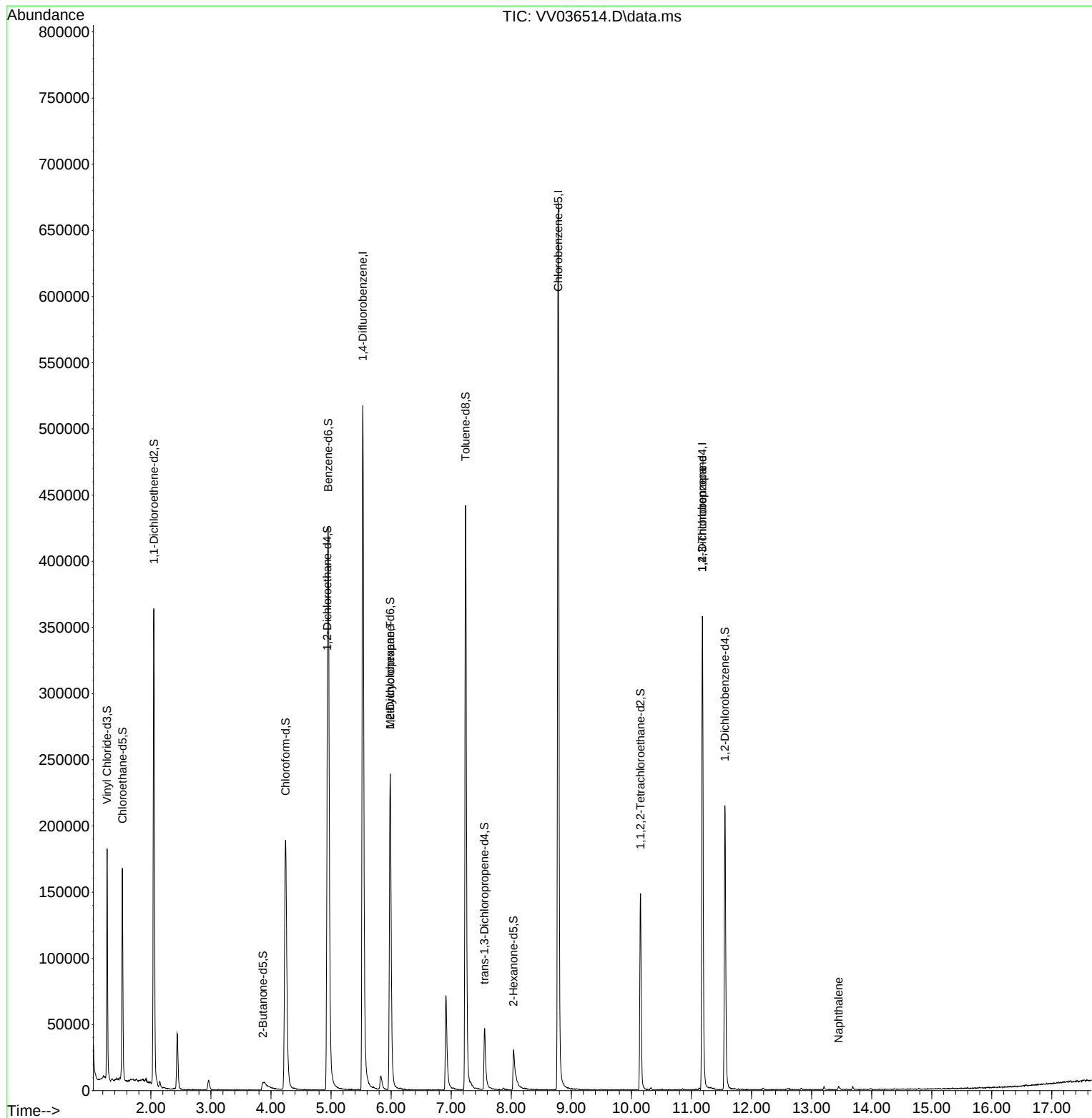
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	480844	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	401976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	104263	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	113770	16.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
7) Chloroethane-d5	1.526	69	104204	17.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.050	65	58306	16.482	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.920%
21) 2-Butanone-d5	3.863	46	4340	3.681	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	7.360%#
24) Chloroform-d	4.243	84	212232	15.163	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.640%
26) 1,2-Dichloroethane-d4	4.937	65	105376	15.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.720%#
32) Benzene-d6	4.953	84	399379	19.915	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.680%
36) 1,2-Dichloropropane-d6	5.985	67	117856	19.720	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.880%
41) Toluene-d8	7.239	98	316293	17.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.360%
43) trans-1,3-Dichloroprop...	7.555	79	32625	13.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.520%
47) 2-Hexanone-d5	8.037	63	11063	16.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.340%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	72632	14.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	57.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	61038	17.251	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.000%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.985	83	31141	4.310	ug/L #	21
61) 1,2,3-Trichloropropane	11.181	75	10410	5.612	ug/L #	59
71) Naphthalene	13.448	128	2958	0.519	ug/L #	83

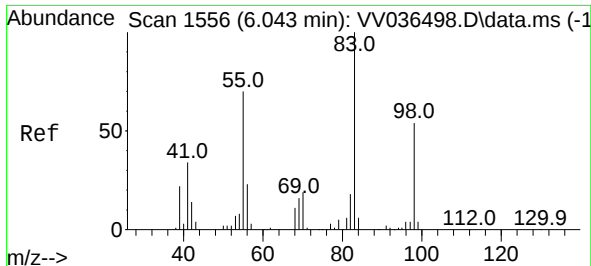
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 13 04:06:53 2024
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#35

Methylcyclohexane

Concen: 4.310 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.058 min

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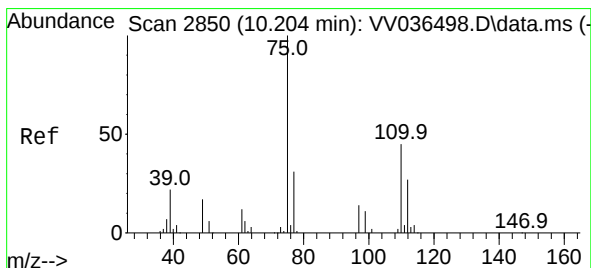
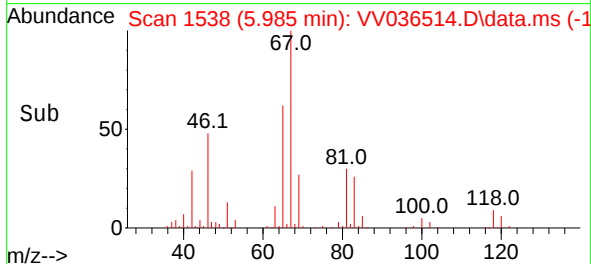
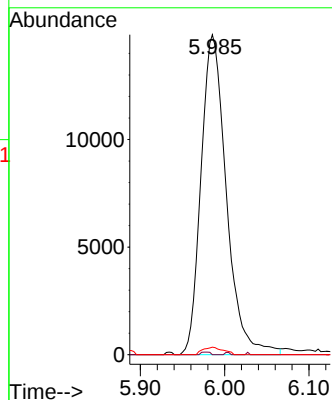
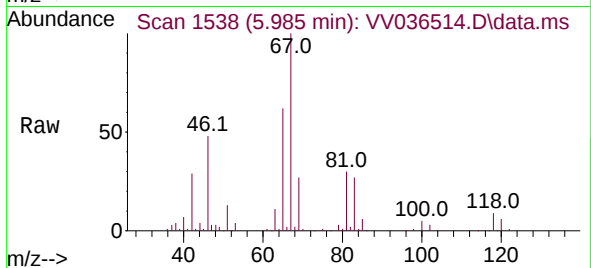
Acq: 12 Jul 2024 18:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	31141
Ion Ratio	Lower	Upper	
83	100		
55	0.1	54.3	81.5#
98	1.9	41.7	62.5#



#61

1,2,3-Trichloropropane

Concen: 5.612 ug/L

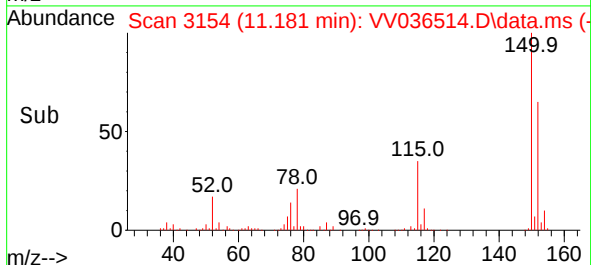
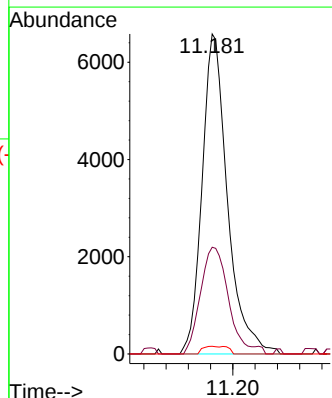
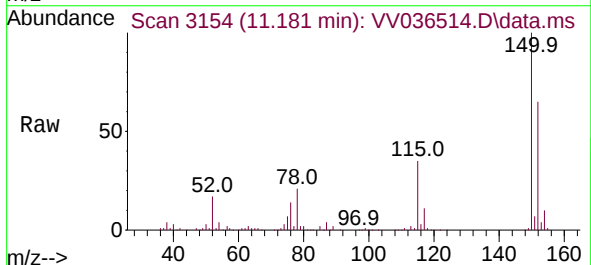
RT: 11.181 min Scan# 3154

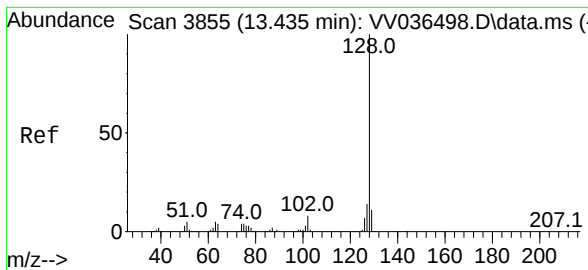
Delta R.T. 0.977 min

Lab File: VV036514.D

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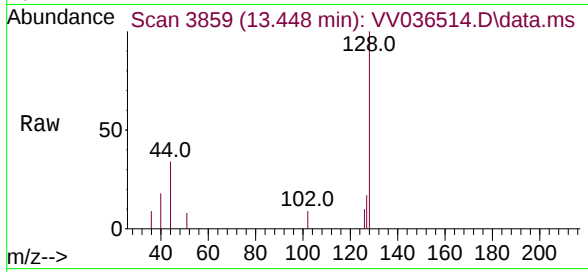
Tgt Ion:	75	Resp:	10410
Ion Ratio	Lower	Upper	
75	100		
77	36.3	25.6	38.4
110	1.6	34.8	52.2#





#71
Naphthalene
Concen: 0.519 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
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Tgt Ion:	128	Resp:	2958
Ion Ratio	Lower	Upper	
128	100		
127	8.5	10.8	16.2#
129	2.5	8.6	13.0#

