

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110723\
 Data File : VV032861.D
 Acq On : 07 Nov 2023 10:19
 Operator : SY/MD
 Sample : VV1107MBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:38:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

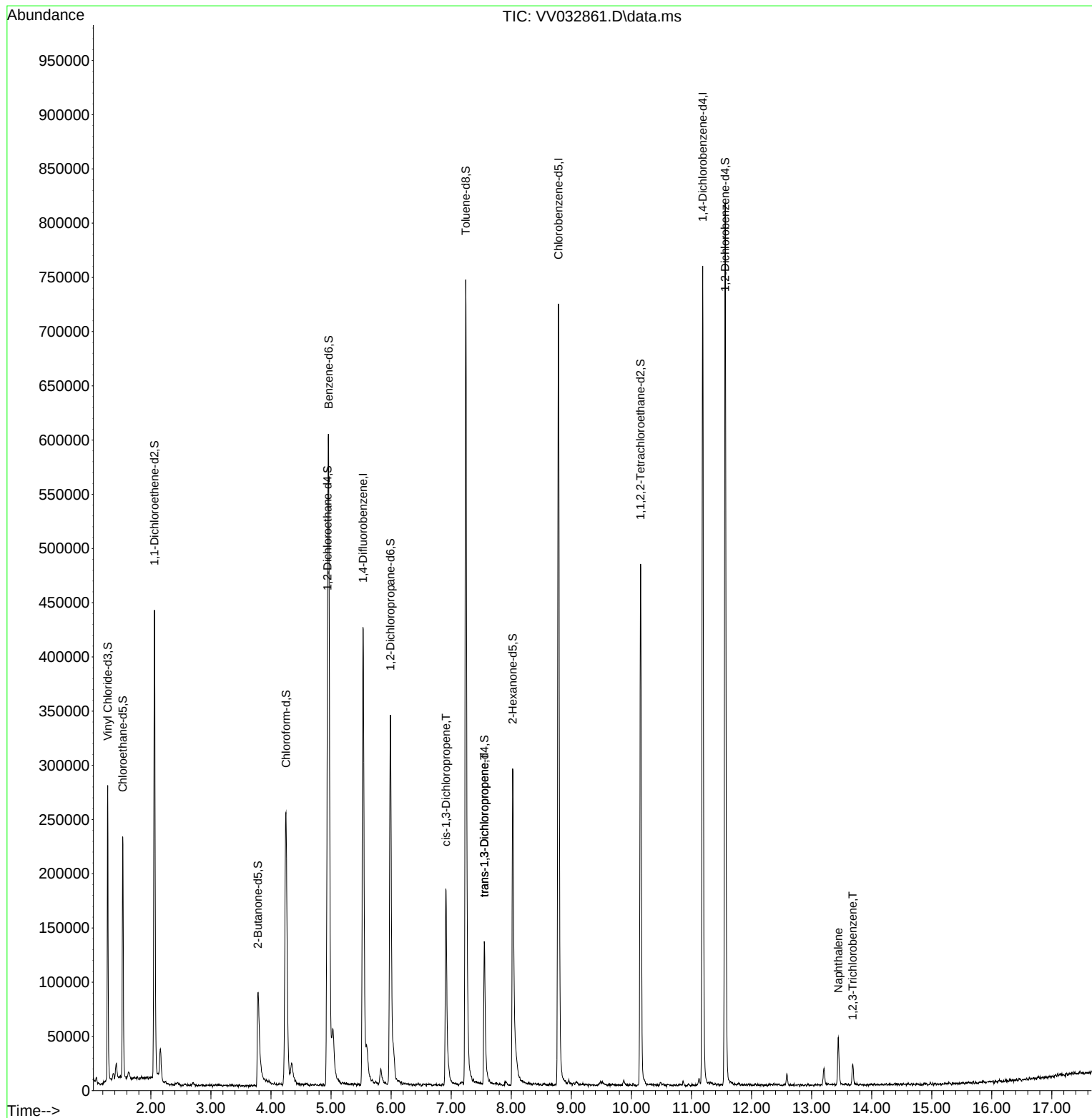
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	373453	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	414708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	194642	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	168147	47.338	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.680%		
7) Chloroethane-d5	1.532	69	144161	48.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.060%		
11) 1,1-Dichloroethene-d2	2.060	65	70584	48.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.220%		
21) 2-Butanone-d5	3.783	46	139021	90.232	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.230%		
24) Chloroform-d	4.249	84	274133	48.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.700%		
26) 1,2-Dichloroethane-d4	4.941	65	174877	49.628	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.260%		
32) Benzene-d6	4.960	84	536570	50.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.640%		
36) 1,2-Dichloropropane-d6	5.989	67	175808	54.272	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.540%		
41) Toluene-d8	7.243	98	522106	49.728	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.460%		
43) trans-1,3-Dichloroprop...	7.551	79	80167	47.517	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.040%		
47) 2-Hexanone-d5	8.024	63	98733	83.487	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.490%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	223896	45.547	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.100%		
66) 1,2-Dichlorobenzene-d4	11.561	152	207270	55.259	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.520%		
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	6.915	75	5077	1.159	ug/L #	50
44) trans-1,3-Dichloropropene	7.551	75	3914	0.870	ug/L #	76
71) Naphthalene	13.445	128	34790	3.629	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	5932	1.548	ug/L	96

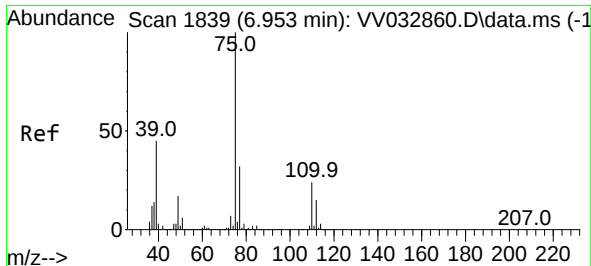
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.159 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV032861.D

Acq: 07 Nov 2023 10:19

Instrument :

MSVOA_V

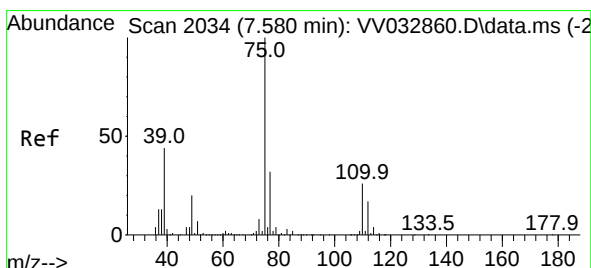
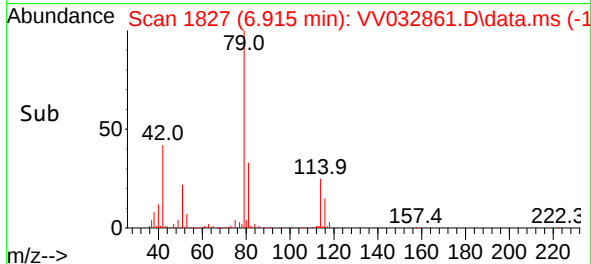
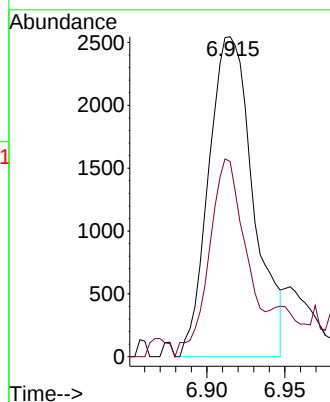
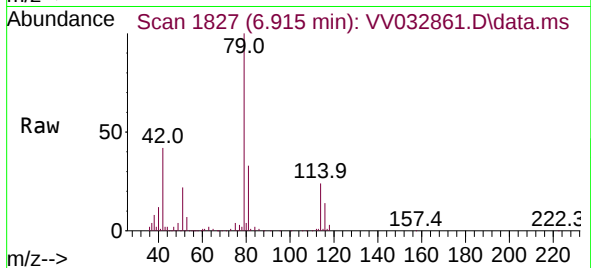
ClientSampleId :

Tgt Ion: 75 Resp: 5077

Ion Ratio Lower Upper

75 100

77 61.0 23.0 42.8#



#44

trans-1,3-Dichloropropene

Concen: 0.870 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

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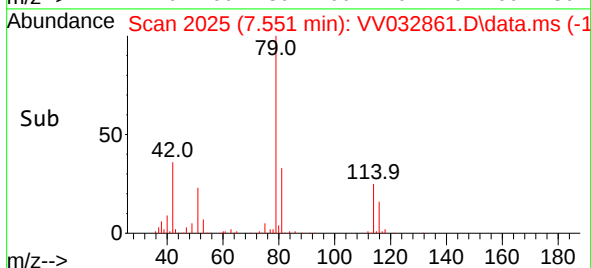
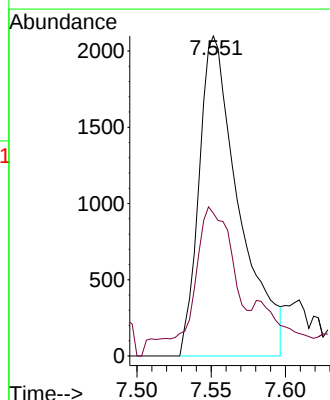
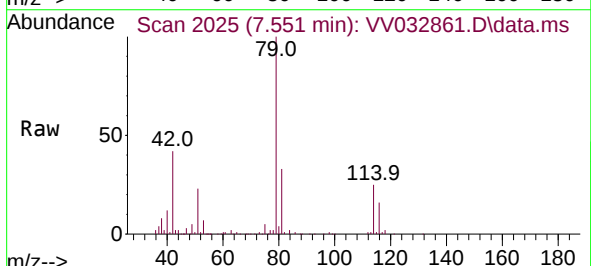
Acq: 07 Nov 2023 10:19

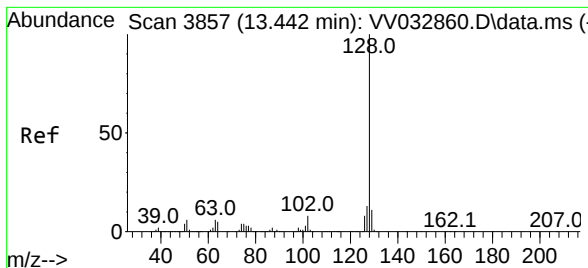
Tgt Ion: 75 Resp: 3914

Ion Ratio Lower Upper

75 100

77 44.6 22.0 40.8#





#71

Naphthalene

Concen: 3.629 ug/L

RT: 13.445 min Scan# 3857

Delta R.T. 0.003 min

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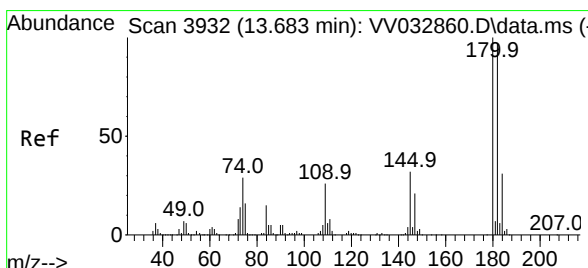
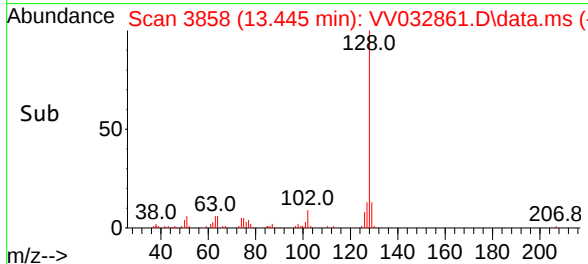
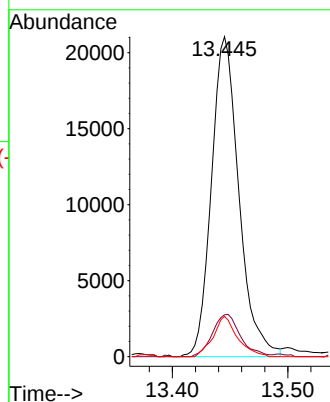
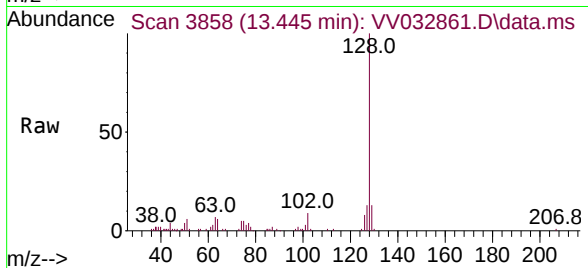
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	34790
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.6 15.8
129	11.1	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 1.548 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

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Tgt Ion:180	Resp:	5932
Ion Ratio	Lower	Upper
180	100	
182	91.2	76.2 114.4
145	33.9	25.8 38.8

