

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120423\
 Data File : VV033089.D
 Acq On : 04 Dec 2023 10:08
 Operator : SY/MD
 Sample : VV1204MBL01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 03:21:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 05 03:20:48 2023
 Response via : Initial Calibration

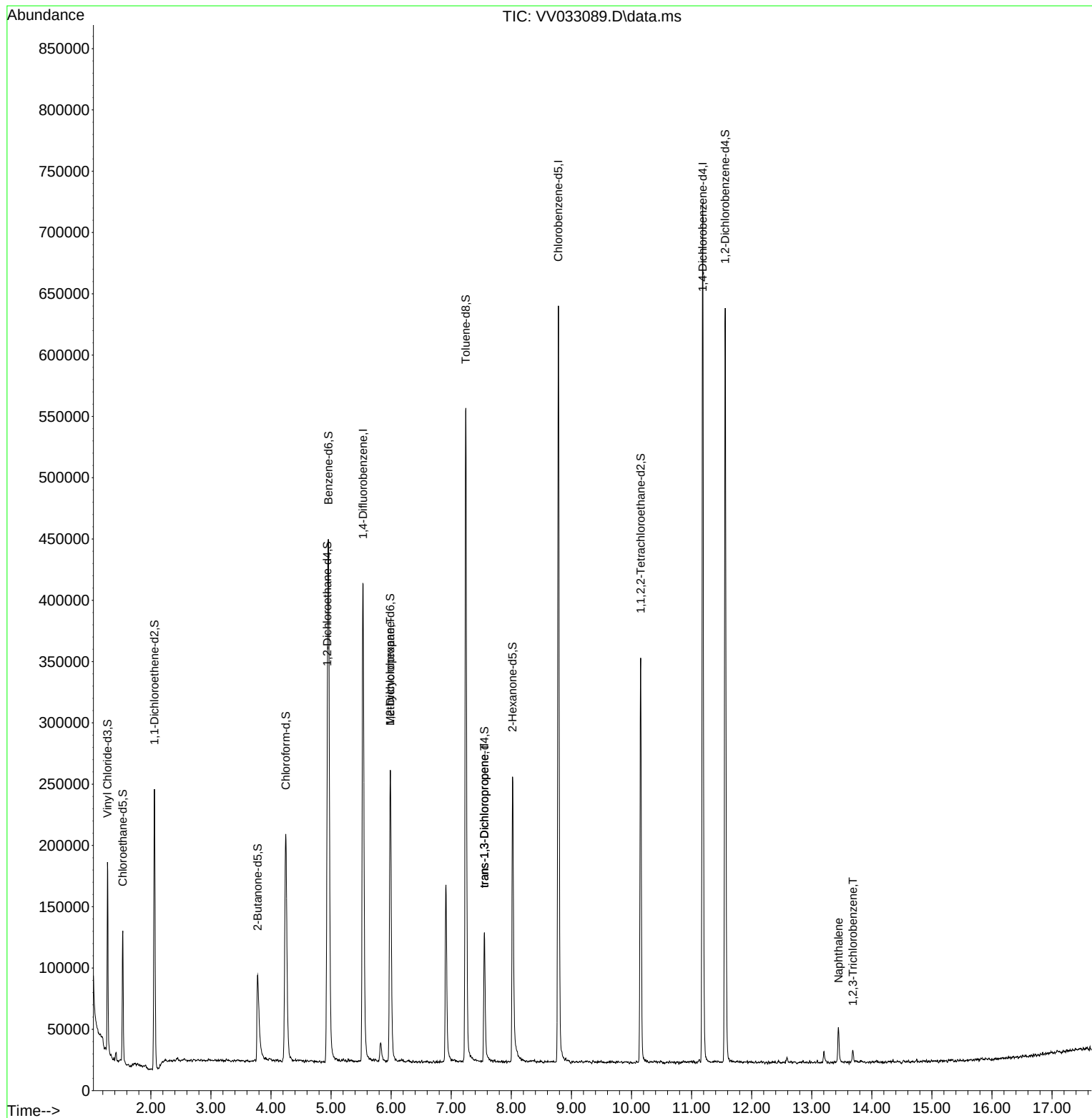
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	357113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	349830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	188471	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	96492	45.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.400%
7) Chloroethane-d5	1.532	69	68356	45.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.900%
11) 1,1-Dichloroethene-d2	2.060	65	36815	45.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.660%
21) 2-Butanone-d5	3.777	46	104244	98.313	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.310%
24) Chloroform-d	4.246	84	201912	44.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.140%
26) 1,2-Dichloroethane-d4	4.937	65	132222	46.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.880%
32) Benzene-d6	4.957	84	388640	47.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	5.985	67	107687	48.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.900%
41) Toluene-d8	7.243	98	362740	46.476	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	7.551	79	62488	44.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.840%
47) 2-Hexanone-d5	8.021	63	83775	94.793	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.790%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	145234	46.442	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.880%
66) 1,2-Dichlorobenzene-d4	11.561	152	166888	49.768	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.540%
Target Compounds						
35) Methylcyclohexane	5.985	83	30241	7.868	ug/L	# 21
44) trans-1,3-Dichloropropene	7.551	75	3078	0.818	ug/L	94
71) Naphthalene	13.445	128	25038	2.390	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	3714	0.896	ug/L	92

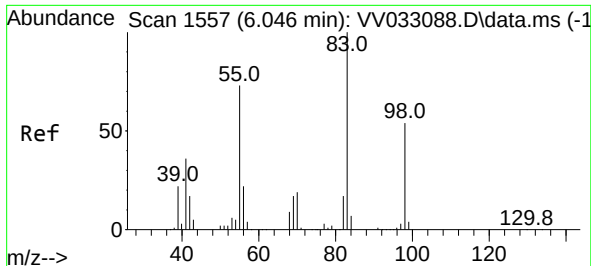
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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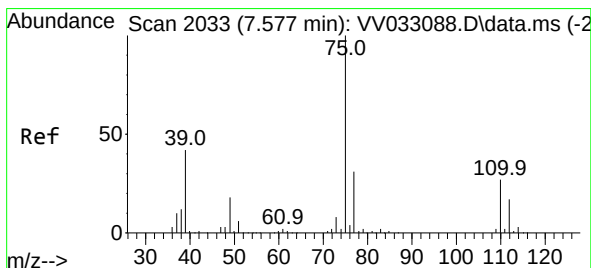
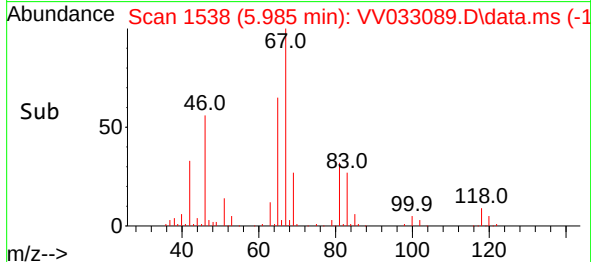
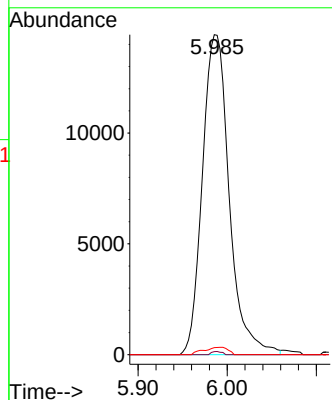
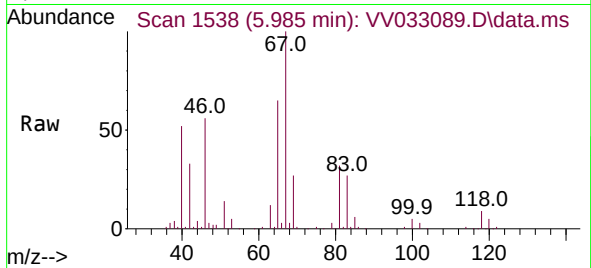




#35
Methylcyclohexane
Concen: 7.868 ug/L
RT: 5.985 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV033089.D
Acq: 04 Dec 2023 10:08

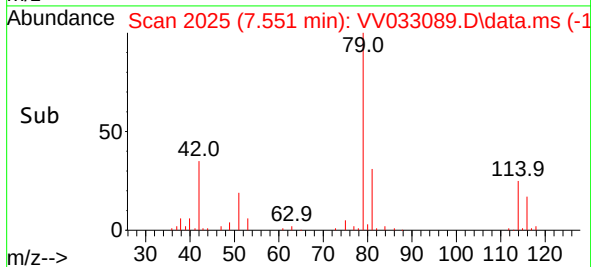
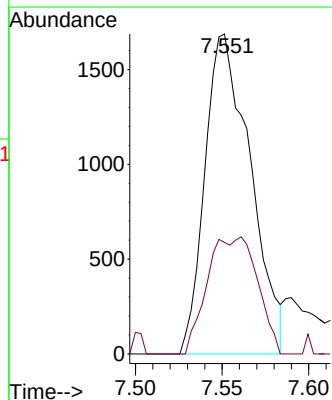
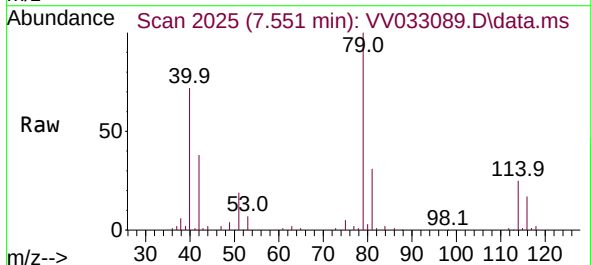
Instrument :
MSVOA_V
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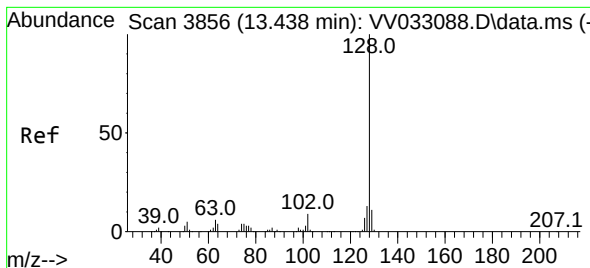
Tgt Ion: 83 Resp: 30241
Ion Ratio Lower Upper
83 100
55 0.4 54.8 82.2#
98 1.5 41.4 62.0#



#44
trans-1,3-Dichloropropene
Concen: 0.818 ug/L
RT: 7.551 min Scan# 2025
Delta R.T. -0.026 min
Lab File: VV033089.D
Acq: 04 Dec 2023 10:08

Tgt Ion: 75 Resp: 3078
Ion Ratio Lower Upper
75 100
77 34.8 22.0 41.0





#71

Naphthalene

Concen: 2.390 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.007 min

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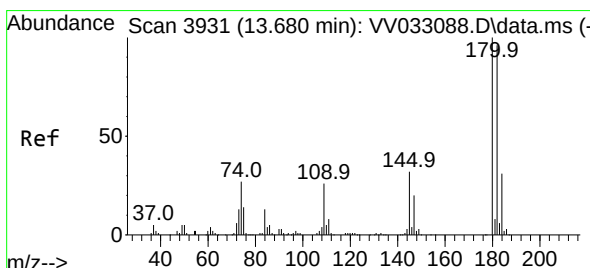
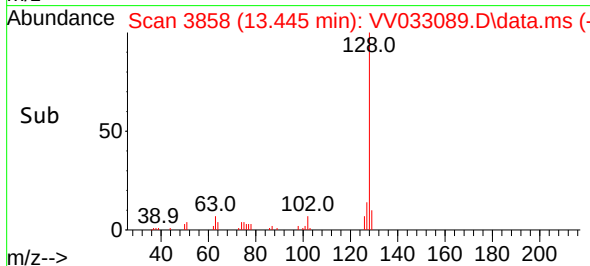
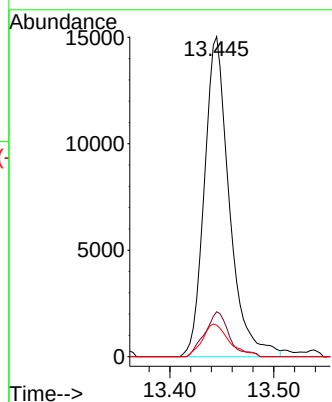
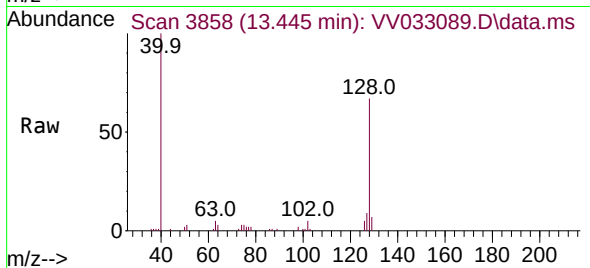
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MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	25038
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.6 16.0
129	10.7	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 0.896 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033089.D

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Tgt Ion:180	Resp:	3714
Ion Ratio	Lower	Upper
180	100	
182	86.6	75.2 112.8
145	26.3	24.9 37.3

