

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100223\
 Data File : VV032190.D
 Acq On : 02 Oct 2023 09:53
 Operator : SY/MD
 Sample : VV1002WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 01:58:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 03 01:57:58 2023
 Response via : Initial Calibration

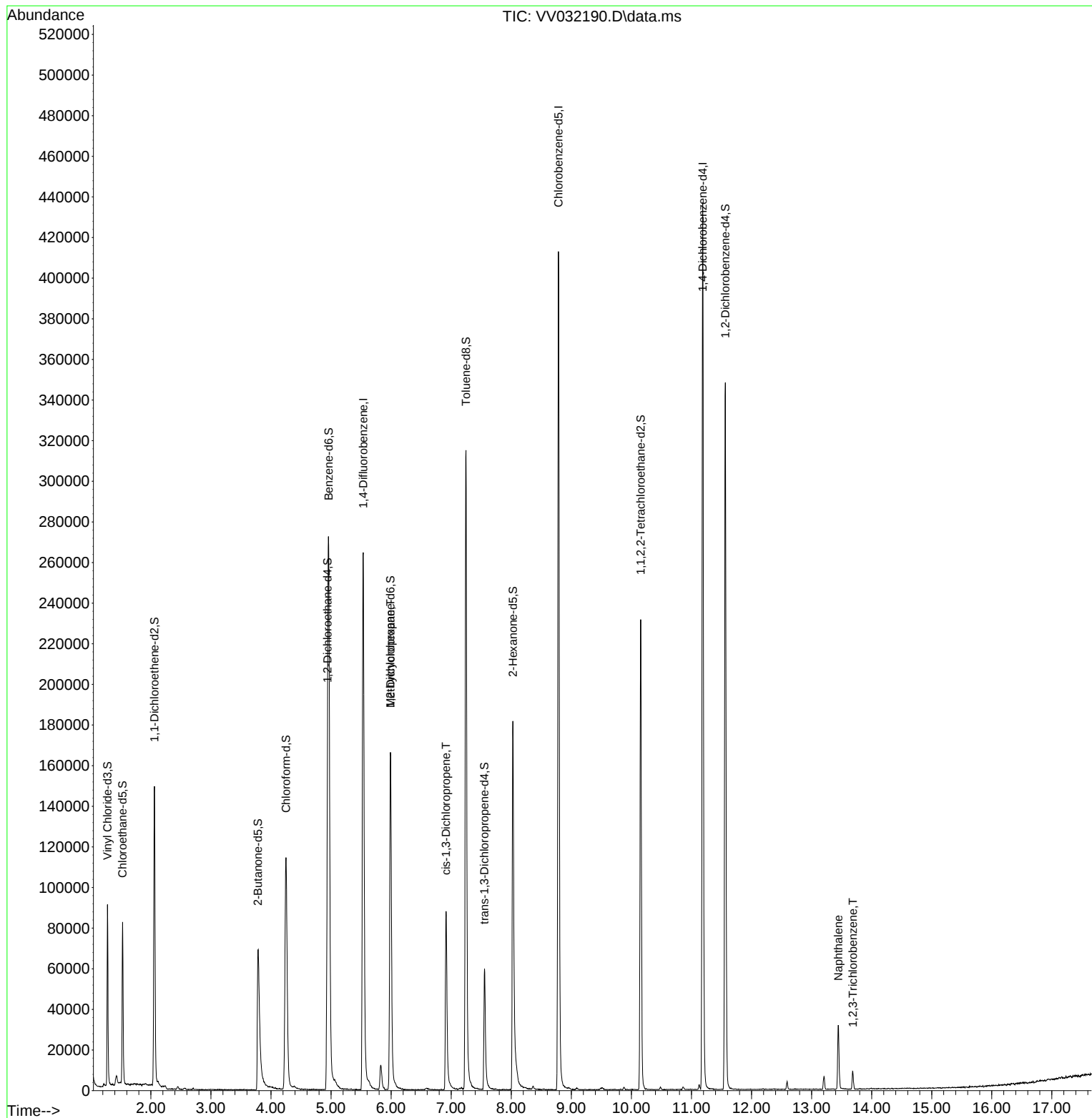
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	234891	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	225639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	111343	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57758	39.734	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.460%
7) Chloroethane-d5	1.529	69	52065	41.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.060%
11) 1,1-Dichloroethene-d2	2.060	65	25411	40.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.060%
21) 2-Butanone-d5	3.783	46	110222	84.329	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.330%
24) Chloroform-d	4.249	84	125551	41.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.540%
26) 1,2-Dichloroethane-d4	4.940	65	76688	41.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
32) Benzene-d6	4.960	84	242841	40.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.880%
36) 1,2-Dichloropropane-d6	5.989	67	85297	43.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.180%
41) Toluene-d8	7.246	98	216946	40.091	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.180%
43) trans-1,3-Dichloroprop...	7.555	79	37736	40.074	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.140%
47) 2-Hexanone-d5	8.027	63	64761	75.763	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.760%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	115108	40.887	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.780%
66) 1,2-Dichlorobenzene-d4	11.564	152	88235	43.699	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
35) Methylcyclohexane	5.989	83	19375	6.116	ug/L #	18
39) cis-1,3-Dichloropropene	6.911	75	2258	0.721	ug/L #	63
71) Naphthalene	13.445	128	25791	3.173	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	2852	1.163	ug/L	99

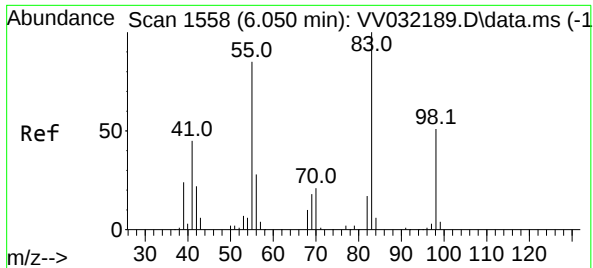
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 6.116 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.061 min

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Instrument :

MSVOA_V

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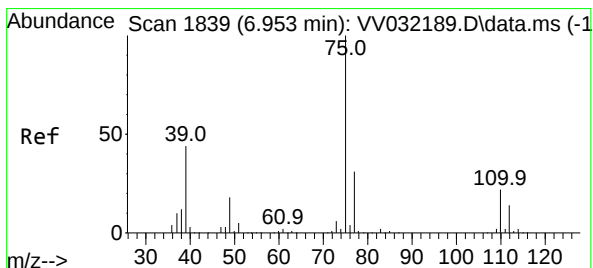
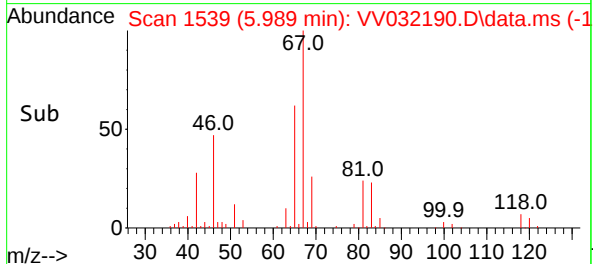
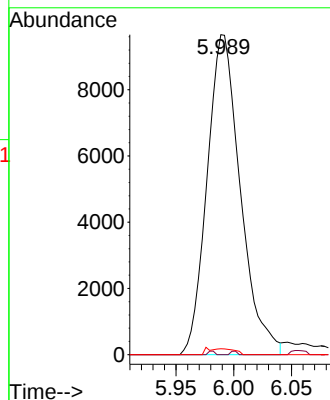
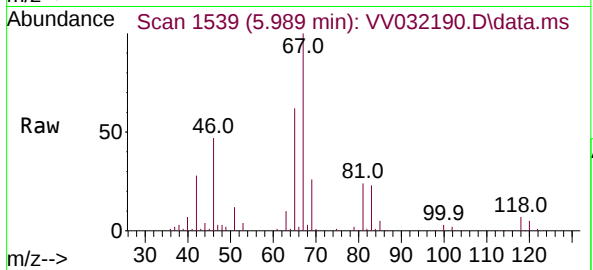
Tgt Ion: 83 Resp: 19375

Ion Ratio Lower Upper

83 100

55 0.2 62.9 94.3#

98 1.2 38.9 58.3#



#39

cis-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.042 min

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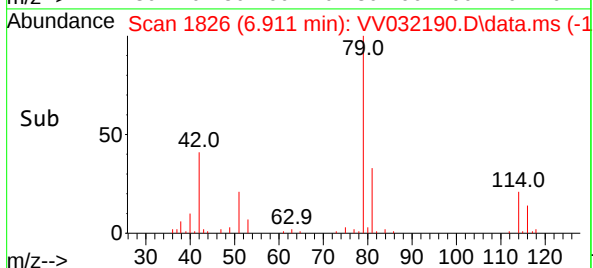
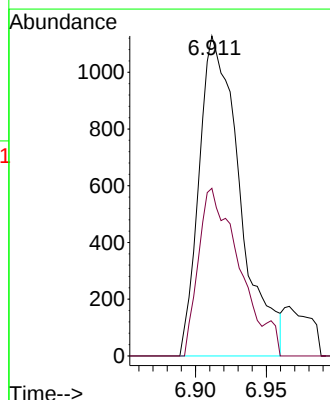
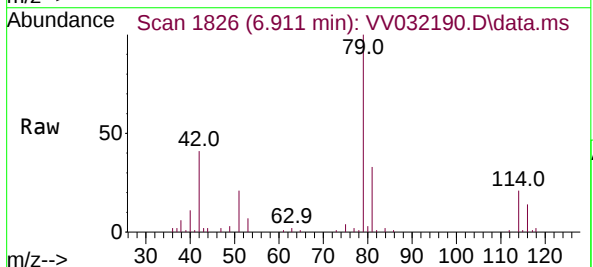
Acq: 02 Oct 2023 09:53

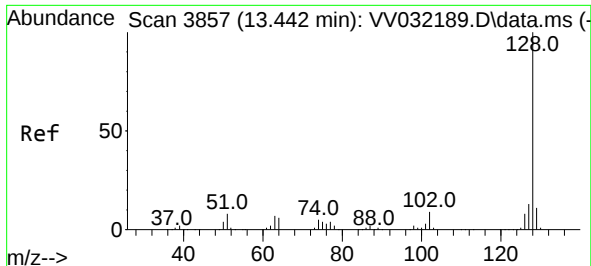
Tgt Ion: 75 Resp: 2258

Ion Ratio Lower Upper

75 100

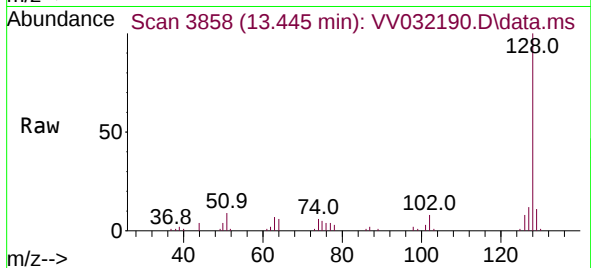
77 52.4 22.3 41.5#



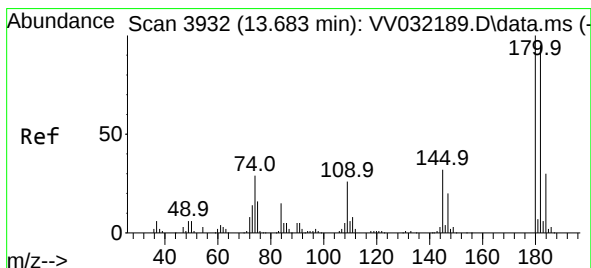
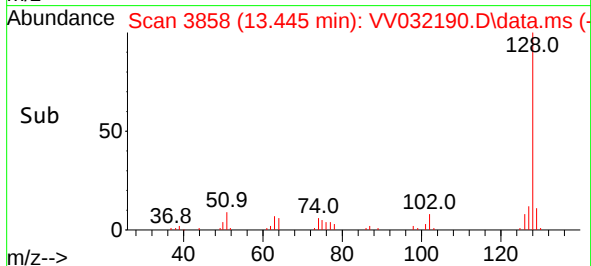
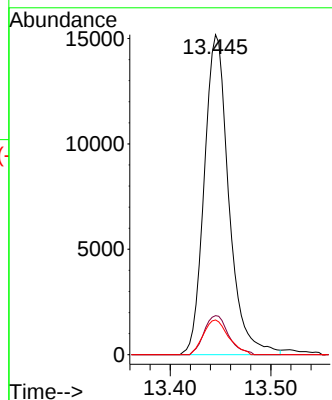


#71
Naphthalene
Concen: 3.173 ug/L
RT: 13.445 min Scan# 3857
Delta R.T. 0.003 min
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Tgt Ion:128 Resp: 25791
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 1.163 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV032190.D
Acq: 02 Oct 2023 09:53

Tgt Ion:180 Resp: 2852
Ion Ratio Lower Upper
180 100
182 93.2 75.2 112.8
145 33.0 25.8 38.8

