

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040424\
 Data File : VV034978.D
 Acq On : 04 Apr 2024 15:09
 Operator : SY/MD
 Sample : P1987-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 21:37:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 21:33:57 2024
 Response via : Initial Calibration

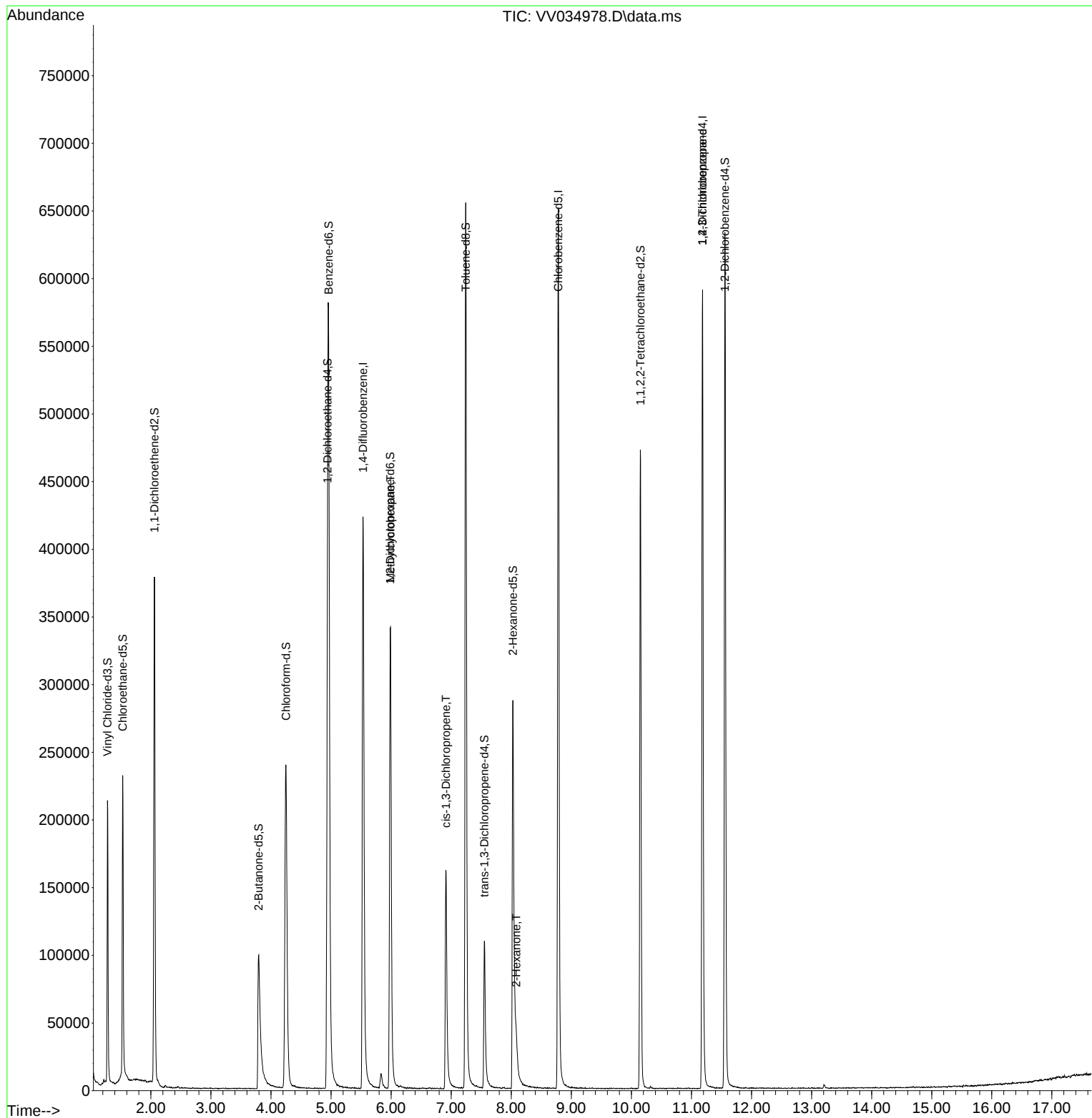
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	367383	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	359077	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153238	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	136112	38.363	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.720%
7) Chloroethane-d5	1.532	69	137892	44.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.500%
11) 1,1-Dichloroethene-d2	2.060	65	64907	41.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.460%
21) 2-Butanone-d5	3.796	46	182613	86.783	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.780%
24) Chloroform-d	4.249	84	259750	43.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	4.940	65	168220	44.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
32) Benzene-d6	4.960	84	525508	43.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
36) 1,2-Dichloropropane-d6	5.985	67	174987	45.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.380%
41) Toluene-d8	7.243	98	444598	40.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.860%
43) trans-1,3-Dichloroprop...	7.555	79	68141	36.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.200%
47) 2-Hexanone-d5	8.027	63	98219	67.826	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.830%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	232011	43.988	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.980%
66) 1,2-Dichlorobenzene-d4	11.558	152	161952	47.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.989	83	38920	8.155	ug/L #	20
39) cis-1,3-Dichloropropene	6.915	75	4281	0.840	ug/L #	73
48) 2-Hexanone	8.085	43	21344	6.074	ug/L	93
61) 1,2,3-Trichloropropane	11.185	75	19015	5.726	ug/L #	67

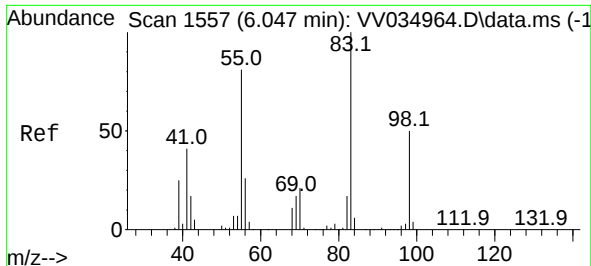
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.155 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV034978.D

Acq: 04 Apr 2024 15:09

Instrument :

MSVOA_V

ClientSampleId :

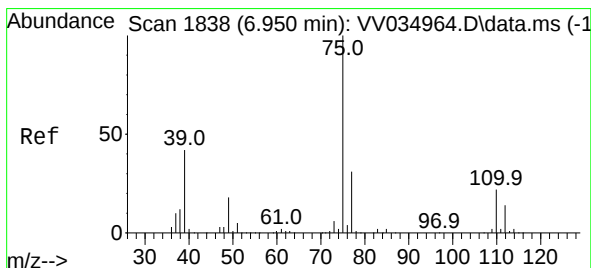
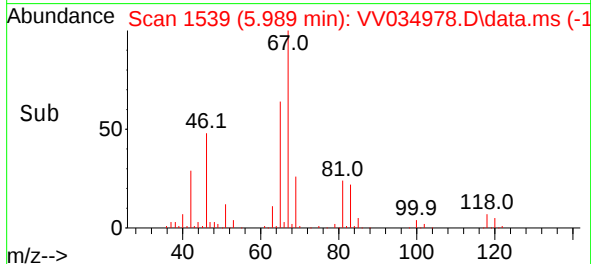
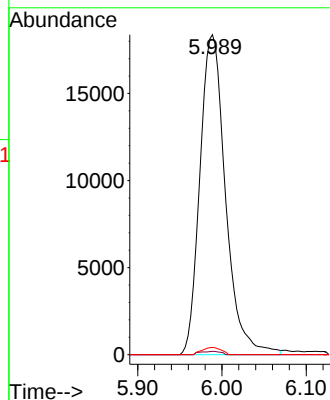
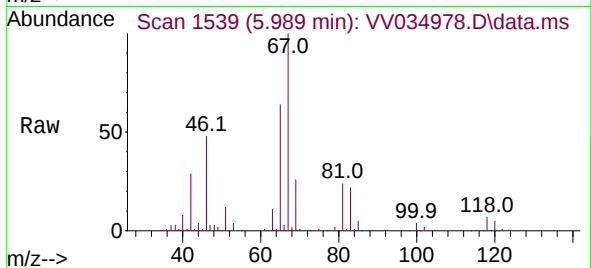
Tgt Ion: 83 Resp: 38920

Ion Ratio Lower Upper

83 100

55 0.5 60.0 90.0#

98 1.7 37.6 56.4#



#39

cis-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.036 min

Lab File: VV034978.D

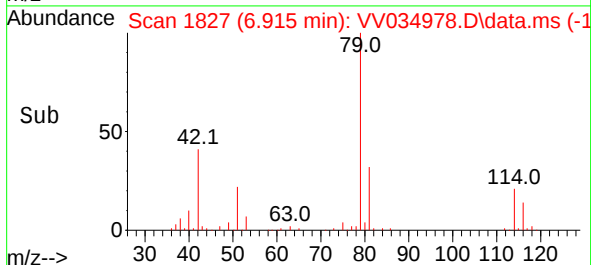
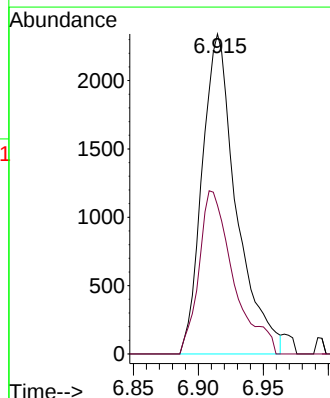
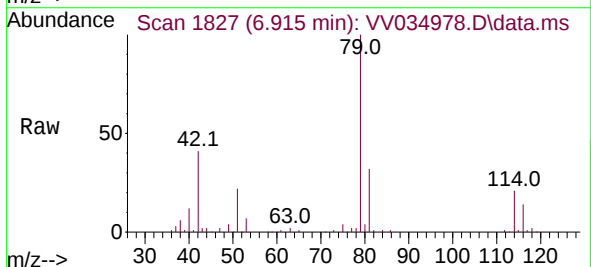
Acq: 04 Apr 2024 15:09

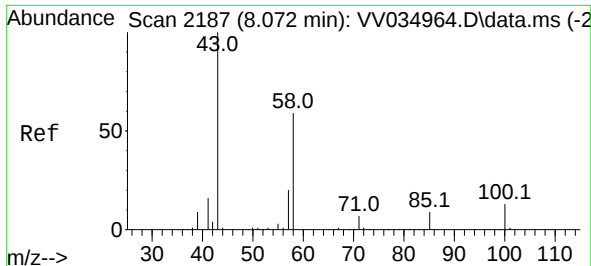
Tgt Ion: 75 Resp: 4281

Ion Ratio Lower Upper

75 100

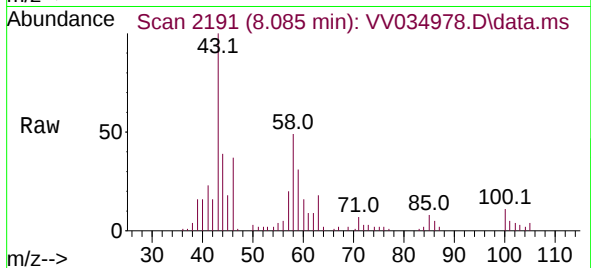
77 46.4 21.9 40.7#



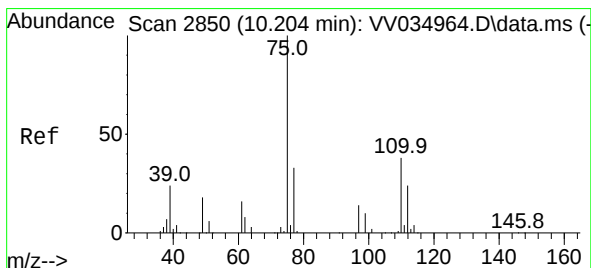
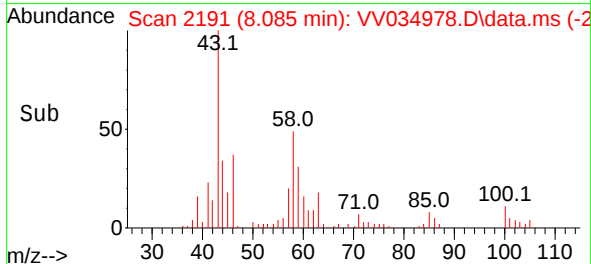
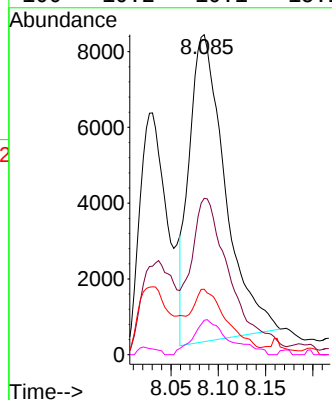


#48
2-Hexanone
Concen: 6.074 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
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Tgt	Ion: 43	Resp:	21344
Ion	Ratio	Lower	Upper
43	100		
58	49.9	45.4	68.2
57	20.2	16.2	24.4
100	10.2	10.1	15.1



#61
1,2,3-Trichloropropane
Concen: 5.726 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.981 min
Lab File: VV034978.D
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Tgt Ion: 75	Resp: 19015
Ion Ratio	Lower Upper
75 100	
77 33.8	26.0 39.0
110 2.8	30.5 45.7#

