

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083123\
 Data File : VV031957.D
 Acq On : 31 Aug 2023 13:27
 Operator : SY/MD
 Sample : VV0831MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:09:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 01 00:57:38 2023
 Response via : Initial Calibration

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

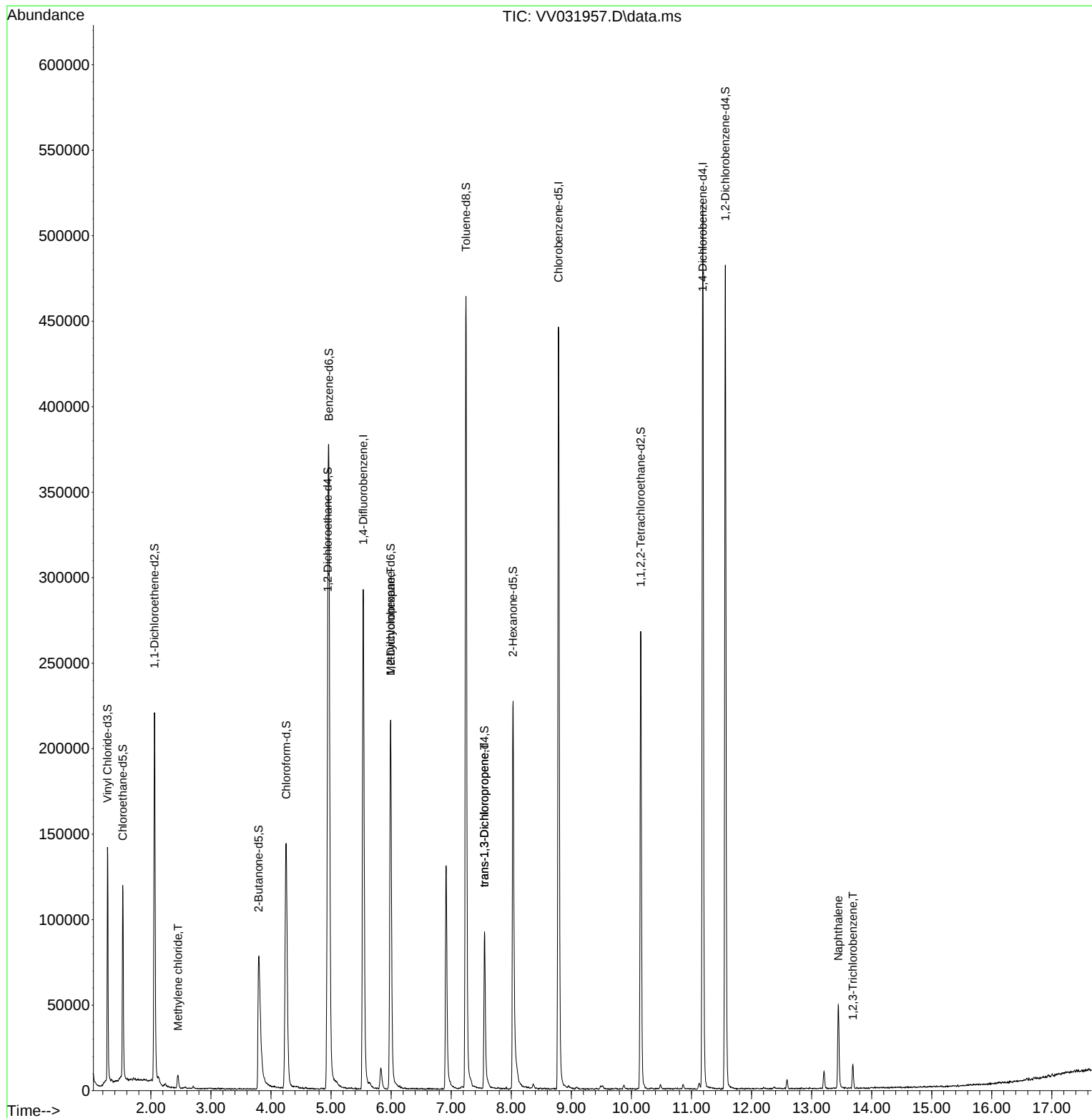
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	251473	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	238639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	129813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	90106	57.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.500%
7) Chloroethane-d5	1.532	69	71790	52.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.080%
11) 1,1-Dichloroethene-d2	2.059	65	38204	51.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.680%
21) 2-Butanone-d5	3.796	46	127424	102.944	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.940%
24) Chloroform-d	4.252	84	154852	45.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	4.944	65	103718	45.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
32) Benzene-d6	4.963	84	340116	52.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.460%
36) 1,2-Dichloropropane-d6	5.992	67	109317	52.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.320%
41) Toluene-d8	7.246	98	310443	51.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.480%
43) trans-1,3-Dichloroprop...	7.554	79	54455	50.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.260%
47) 2-Hexanone-d5	8.030	63	84907	132.173	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.170%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	133414	49.259	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	11.564	152	116232	49.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.240%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	3237	1.911	ug/L	91
35) Methylcyclohexane	5.992	83	24148	9.258	ug/L #	20
44) trans-1,3-Dichloropropene	7.554	75	2567	0.846	ug/L #	82
71) Naphthalene	13.445	128	38493	4.419	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	3891	1.489	ug/L	96

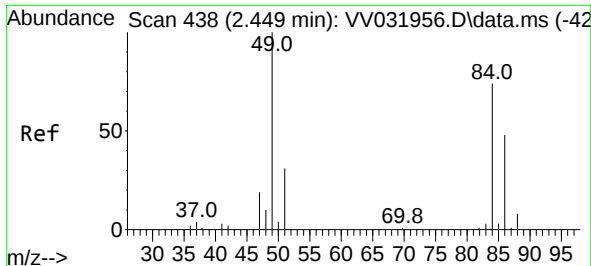
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 01 00:57:38 2023
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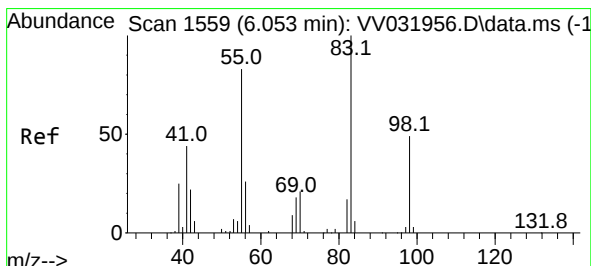
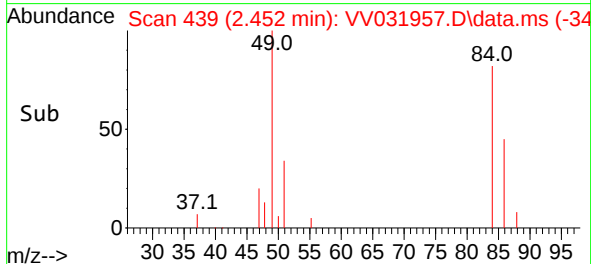
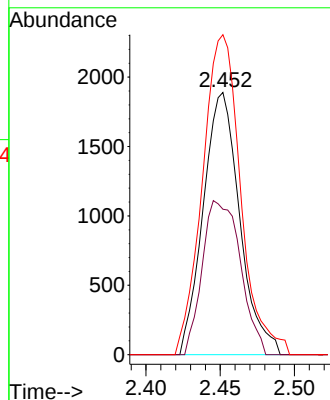
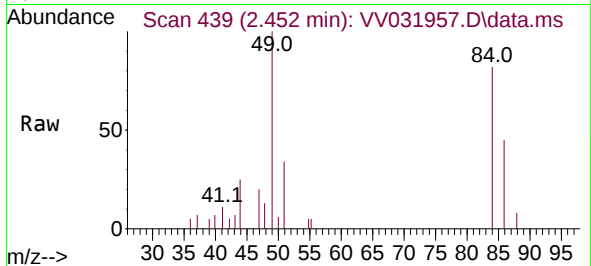




#16
Methylene chloride
Concen: 1.911 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031957.D
Acq: 31 Aug 2023 13:27

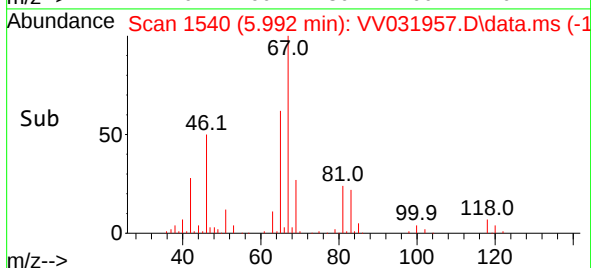
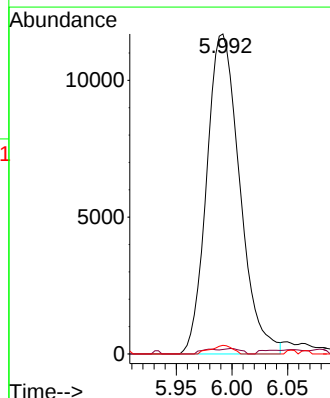
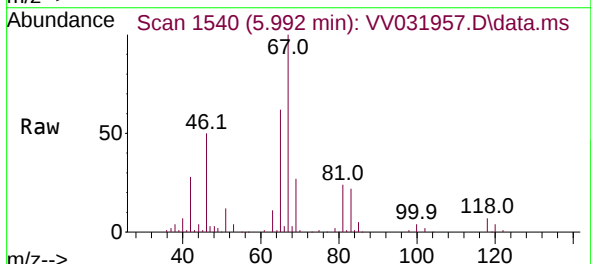
Instrument :
MSVOA_V
ClientSampleId :

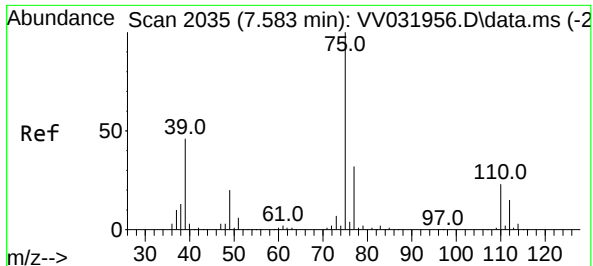
Tgt Ion: 84 Resp: 3237
Ion Ratio Lower Upper
84 100
86 55.4 44.6 82.8
49 122.0 91.6 170.2



#35
Methylcyclohexane
Concen: 9.258 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV031957.D
Acq: 31 Aug 2023 13:27

Tgt Ion: 83 Resp: 24148
Ion Ratio Lower Upper
83 100
55 0.9 62.2 93.2#
98 1.7 36.7 55.1#

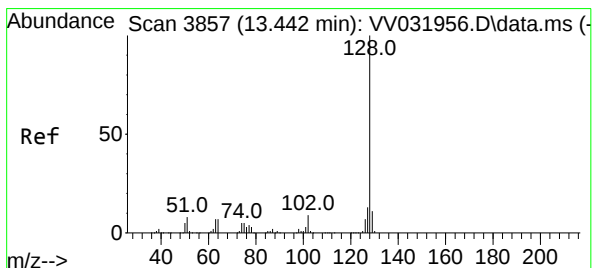
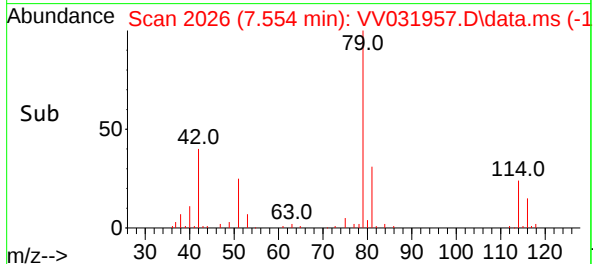
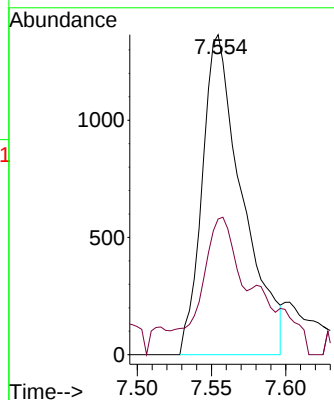
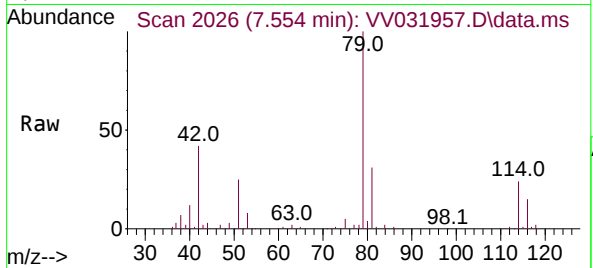




#44
trans-1,3-Dichloropropene
Concen: 0.846 ug/L
RT: 7.554 min Scan# 2035
Delta R.T. -0.029 min
Lab File: VV031957.D
Acq: 31 Aug 2023 13:27

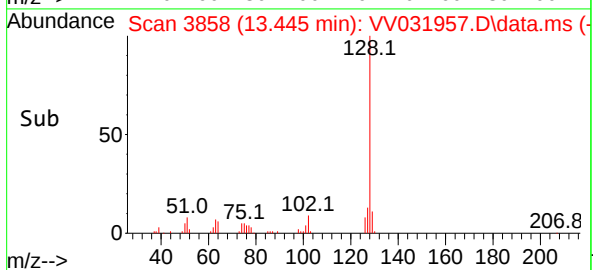
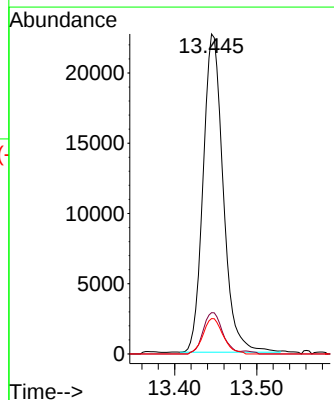
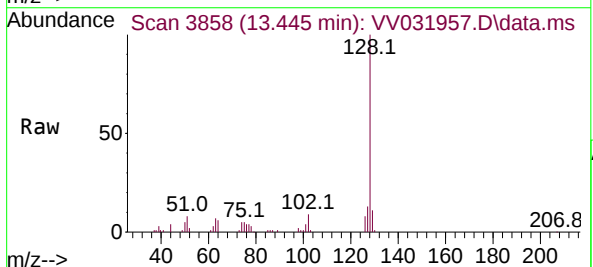
Instrument :
MSVOA_V
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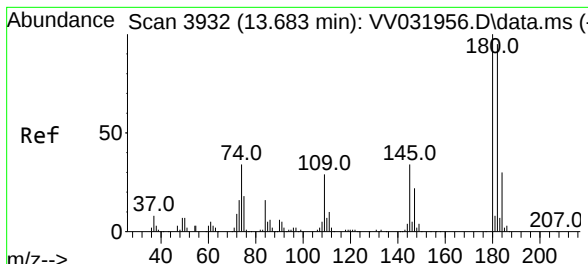
Tgt Ion: 75 Resp: 2567
Ion Ratio Lower Upper
75 100
77 42.4 22.5 41.9#



#71
Naphthalene
Concen: 4.419 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV031957.D
Acq: 31 Aug 2023 13:27

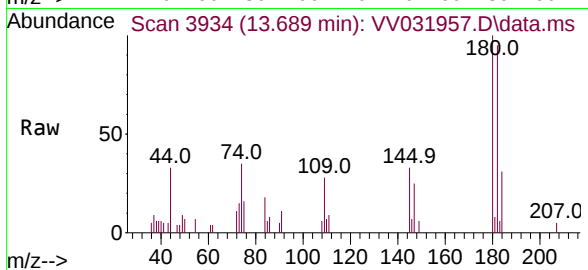
Tgt Ion: 128 Resp: 38493
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.1 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.489 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.006 min
 Lab File: VV031957.D
 Acq: 31 Aug 2023 13:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	3891
Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.7	115.1
145	30.4	27.7	41.5

