

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035694.D
 Acq On : 23 May 2024 11:31
 Operator : SY/MD
 Sample : P2568-02
 Misc : 5.67g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 01:46:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

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

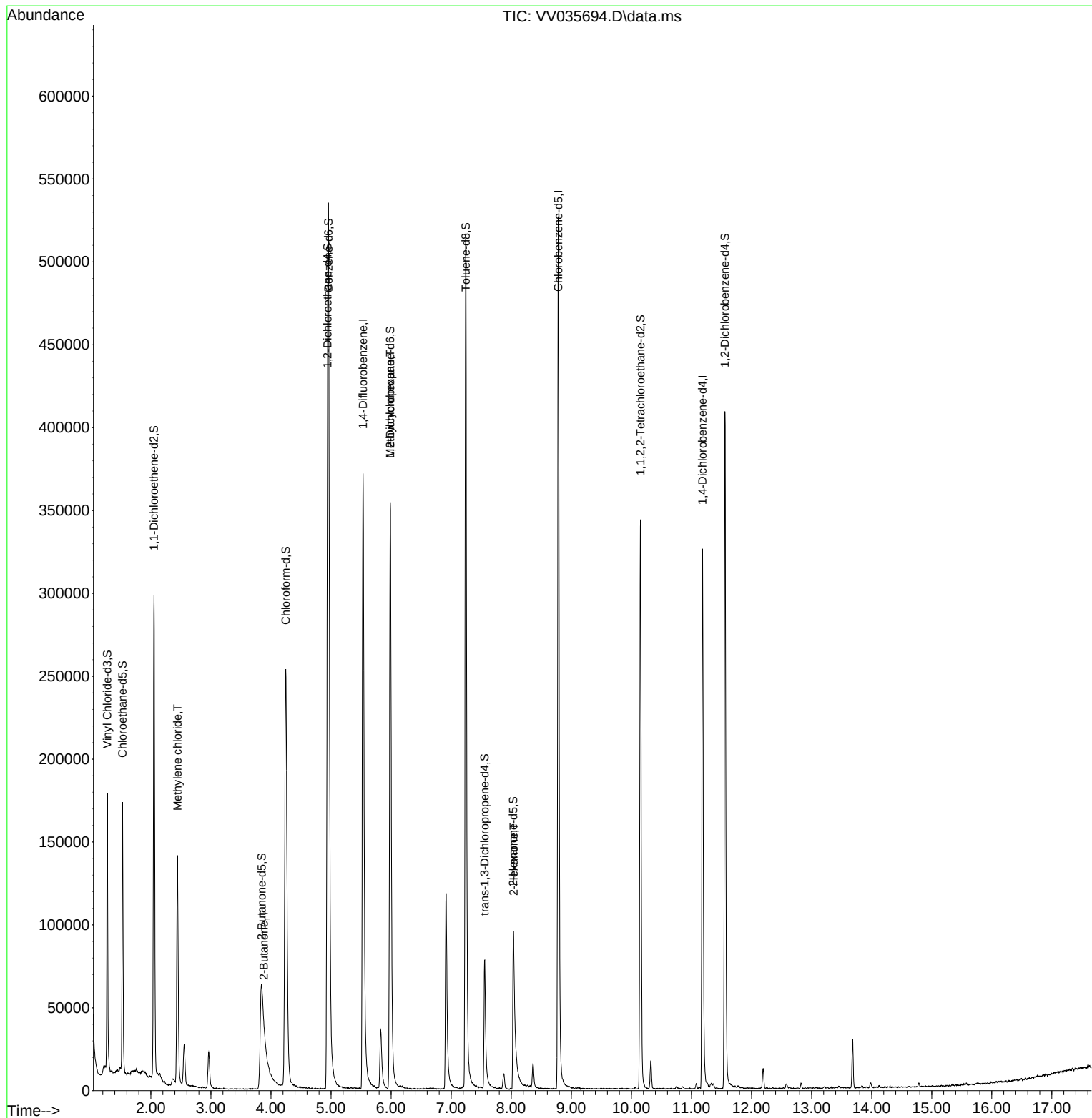
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	338129	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	307147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	90418	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	109897	21.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	1.529	69	105881	25.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.440%
11) 1,1-Dichloroethene-d2	2.053	65	50191	21.693	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.760%
21) 2-Butanone-d5	3.844	46	62961	42.451	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.900%
24) Chloroform-d	4.246	84	286767	28.527	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.120%
26) 1,2-Dichloroethane-d4	4.941	65	170372	34.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	137.120%#
32) Benzene-d6	4.957	84	477601	28.406	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.640%
36) 1,2-Dichloropropane-d6	5.986	67	184407	35.541	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.160%#
41) Toluene-d8	7.243	98	362915	24.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.558	79	52495	23.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.640%
47) 2-Hexanone-d5	8.034	63	34762	37.258	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.520%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	175099	35.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.080%#
66) 1,2-Dichlorobenzene-d4	11.558	152	115193	36.710	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	146.840%#
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	61568	7.896	ug/L	98
22) 2-Butanone	3.883	43	4607	2.285	ug/L #	53
35) Methylcyclohexane	5.986	83	45185	5.176	ug/L #	20
48) 2-Hexanone	8.040	43	4145	1.740	ug/L #	30

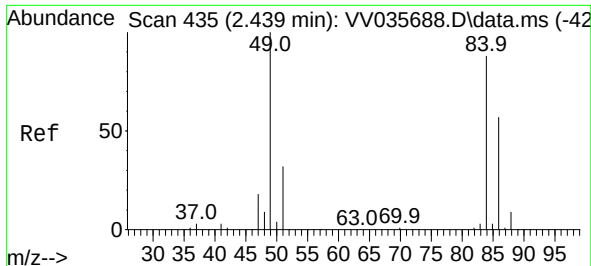
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035694.D
Acq On : 23 May 2024 11:31
Operator : SY/MD
Sample : P2568-02
Misc : 5.67g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 24 01:46:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 01:44:38 2024
Response via : Initial Calibration

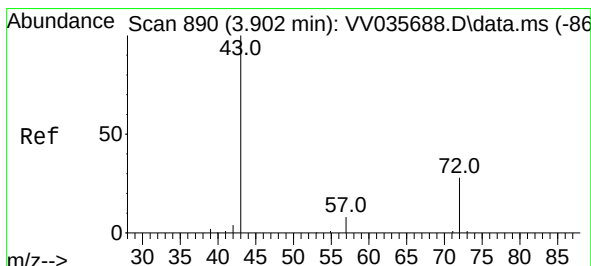
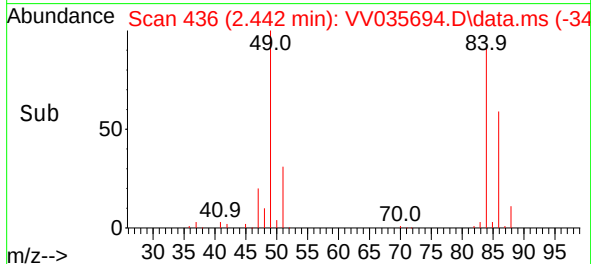
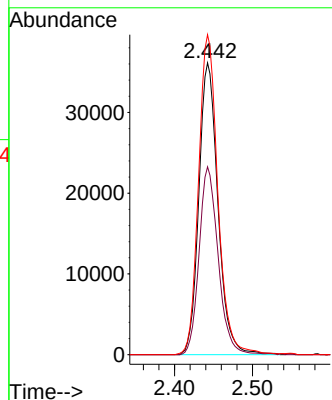
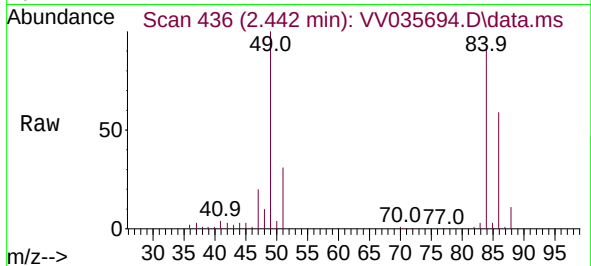




#16
Methylene chloride
Concen: 7.896 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035694.D
Acq: 23 May 2024 11:31

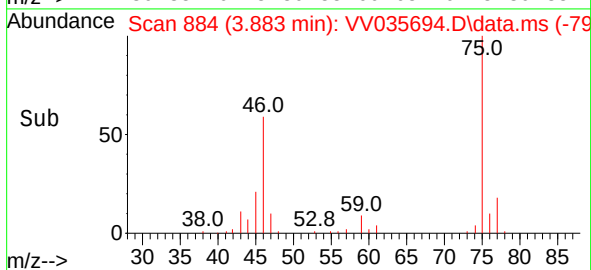
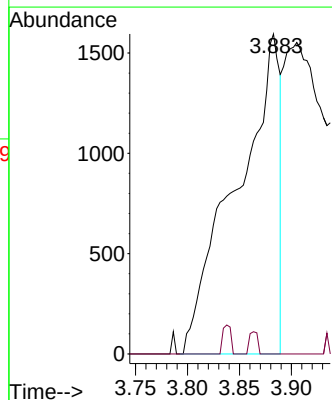
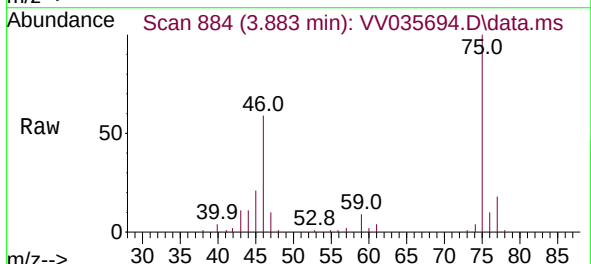
Instrument :
MSVOA_V
ClientSampleId :

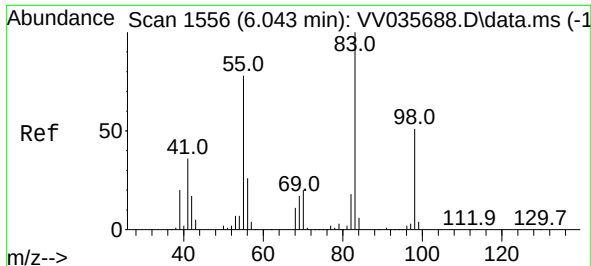
Tgt Ion: 84 Resp: 61568
Ion Ratio Lower Upper
84 100
86 64.4 43.8 81.3
49 109.7 75.3 139.9



#22
2-Butanone
Concen: 2.285 ug/L
RT: 3.883 min Scan# 884
Delta R.T. -0.019 min
Lab File: VV035694.D
Acq: 23 May 2024 11:31

Tgt Ion: 43 Resp: 4607
Ion Ratio Lower Upper
43 100
72 1.3 12.3 36.9#





#35

Methylcyclohexane

Concen: 5.176 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV035694.D

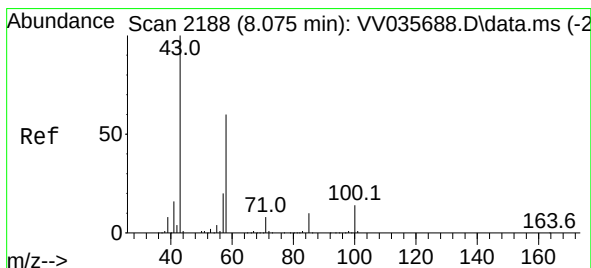
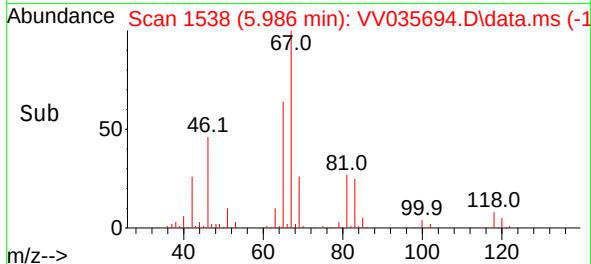
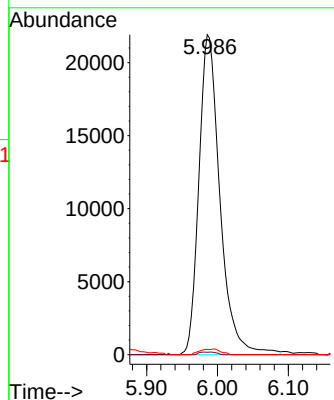
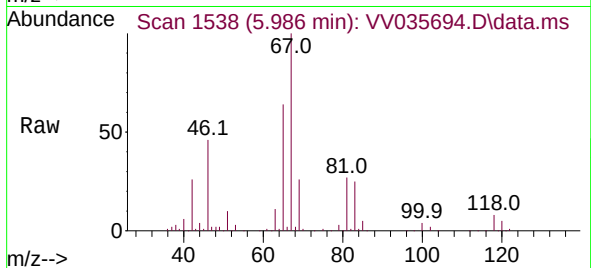
Acq: 23 May 2024 11:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	45185
Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.5	86.3#
98	0.9	38.6	58.0#



#48

2-Hexanone

Concen: 1.740 ug/L

RT: 8.040 min Scan# 2177

Delta R.T. -0.035 min

Lab File: VV035694.D

Acq: 23 May 2024 11:31

Tgt Ion:	43	Resp:	4145
Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.8	73.2#
57	53.0	16.9	25.3#
100	1.5	11.7	17.5#

