

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035697.D
 Acq On : 23 May 2024 12:38
 Operator : SY/MD
 Sample : P2568-07
 Misc : 6.04g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 01:47:25 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)

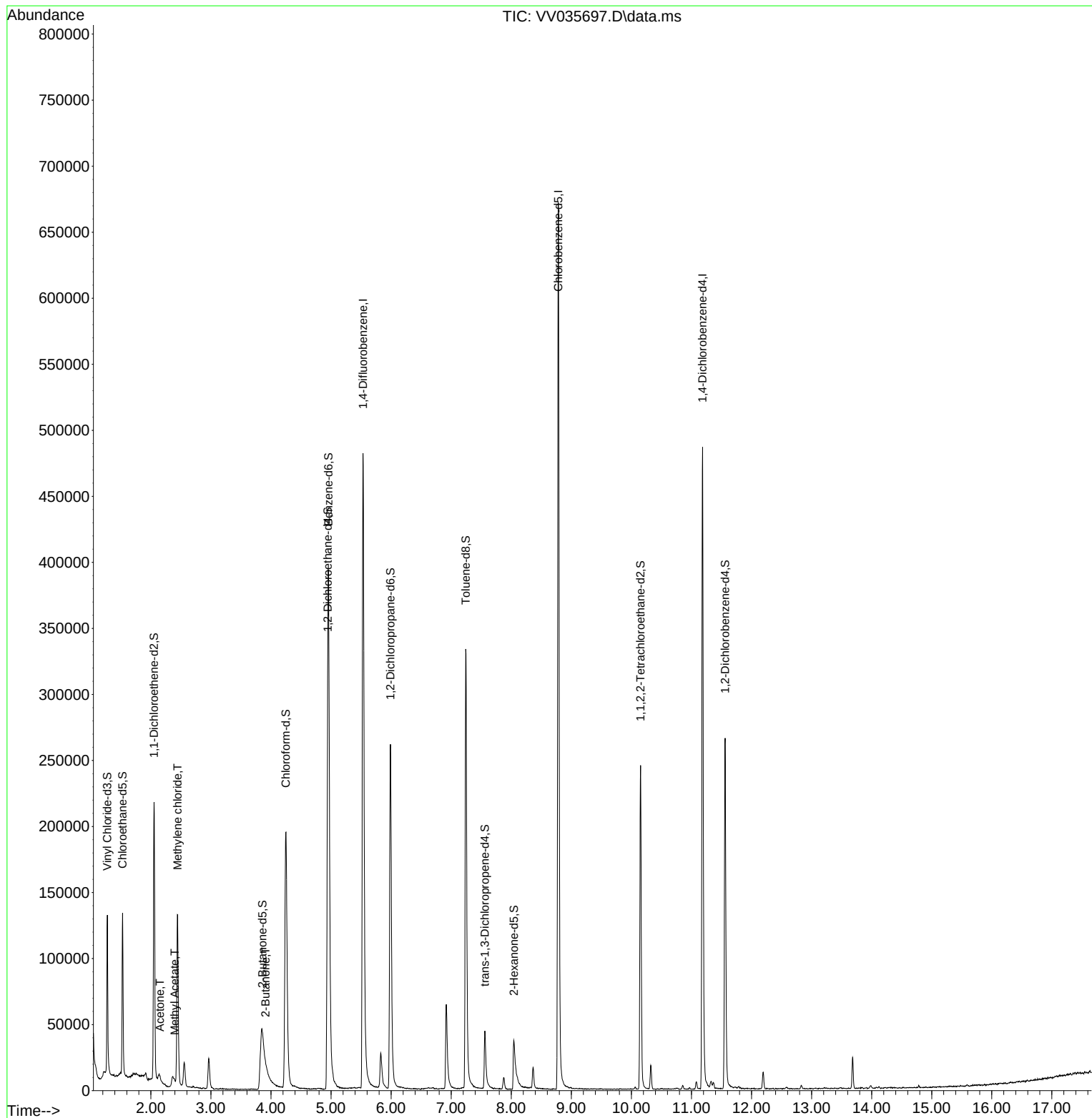
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	438968	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	390050	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132602	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	78350	11.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.200%
7) Chloroethane-d5	1.529	69	80990	14.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.200%
11) 1,1-Dichloroethene-d2	2.053	65	36353	12.103	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.400%
21) 2-Butanone-d5	3.857	46	26132	13.572	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.140%
24) Chloroform-d	4.246	84	222261	17.031	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.120%
26) 1,2-Dichloroethane-d4	4.944	65	123588	19.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.640%
32) Benzene-d6	4.957	84	343712	16.098	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.400%
36) 1,2-Dichloropropane-d6	5.989	67	136756	20.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.000%
41) Toluene-d8	7.243	98	238298	12.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	50.160%
43) trans-1,3-Dichloroprop...	7.561	79	31446	11.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.640%
47) 2-Hexanone-d5	8.043	63	15741	13.285	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.580%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	123087	19.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	73998	16.080	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.320%#
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	4537	1.610	ug/L	73
15) Methyl Acetate	2.397	43	2624	0.614	ug/L #	81
16) Methylene chloride	2.445	84	56704	5.602	ug/L	96
22) 2-Butanone	3.908	43	2902	1.109	ug/L #	54

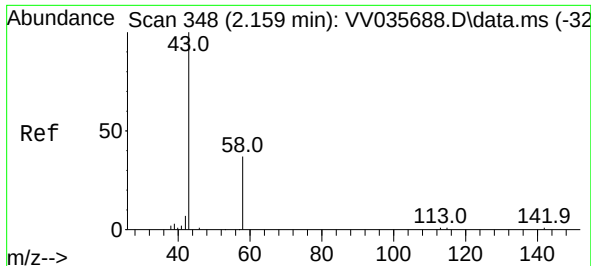
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.610 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV035697.D

Acq: 23 May 2024 12:38

Instrument :

MSVOA_V

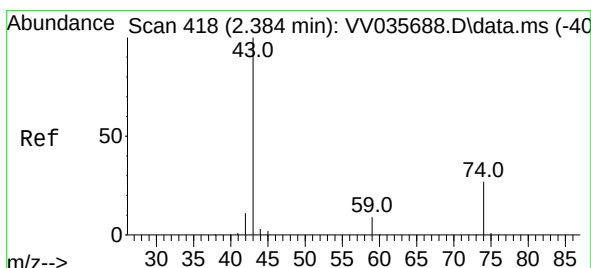
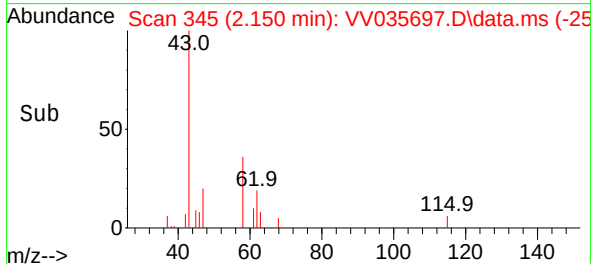
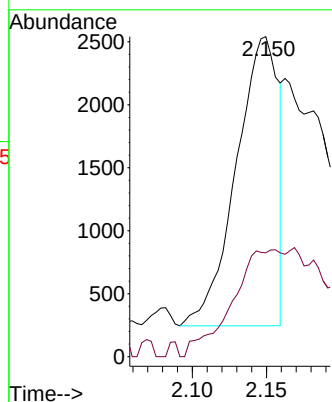
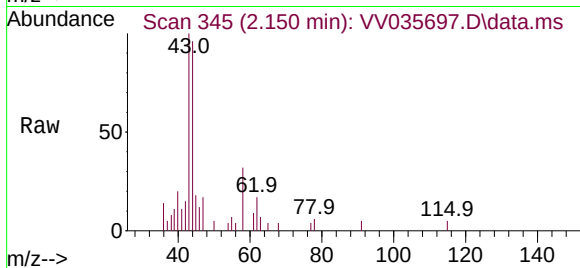
ClientSampleId :

Tgt Ion: 43 Resp: 4537

Ion Ratio Lower Upper

43 100

58 21.8 0.0 22.8



#15

Methyl Acetate

Concen: 0.614 ug/L

RT: 2.397 min Scan# 422

Delta R.T. 0.013 min

Lab File: VV035697.D

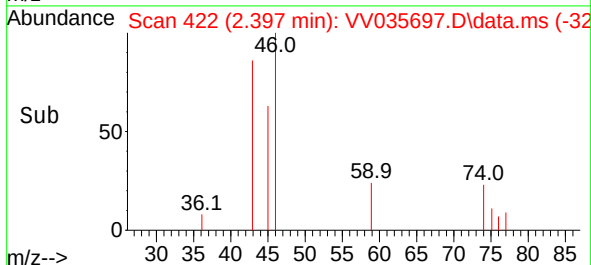
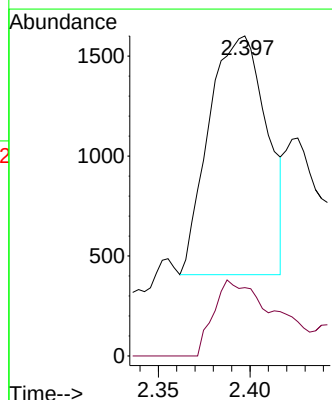
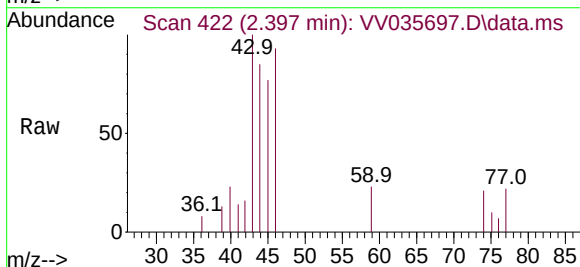
Acq: 23 May 2024 12:38

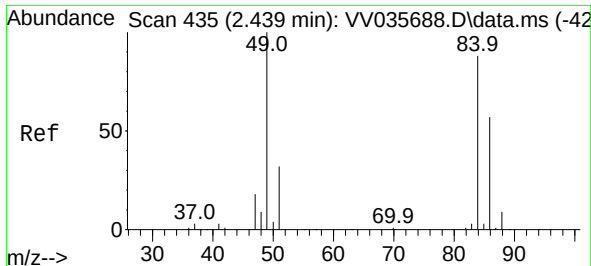
Tgt Ion: 43 Resp: 2624

Ion Ratio Lower Upper

43 100

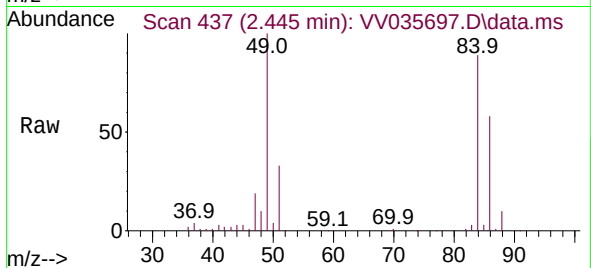
74 14.1 18.6 27.8#



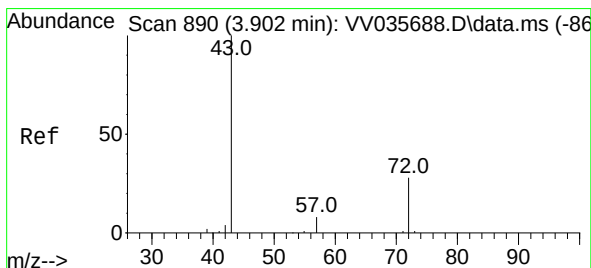
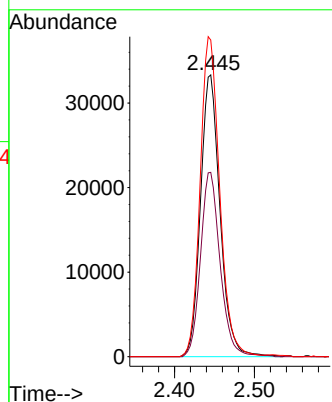
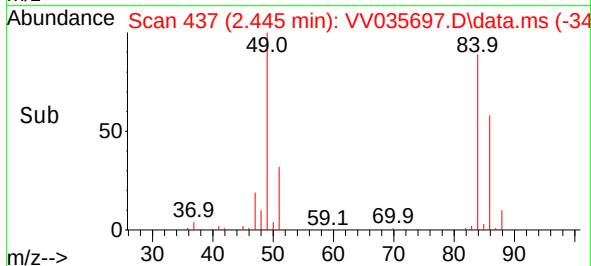


#16
Methylene chloride
Concen: 5.602 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV035697.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 56704
Ion Ratio Lower Upper
84 100
86 65.5 43.8 81.3
49 112.4 75.3 139.9



#22
2-Butanone
Concen: 1.109 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV035697.D
Acq: 23 May 2024 12:38

Tgt Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
72 1.4 12.3 36.9#

