

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035707.D
 Acq On : 23 May 2024 14:32
 Operator : SY/MD
 Sample : P2568-17
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 01:48:32 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)

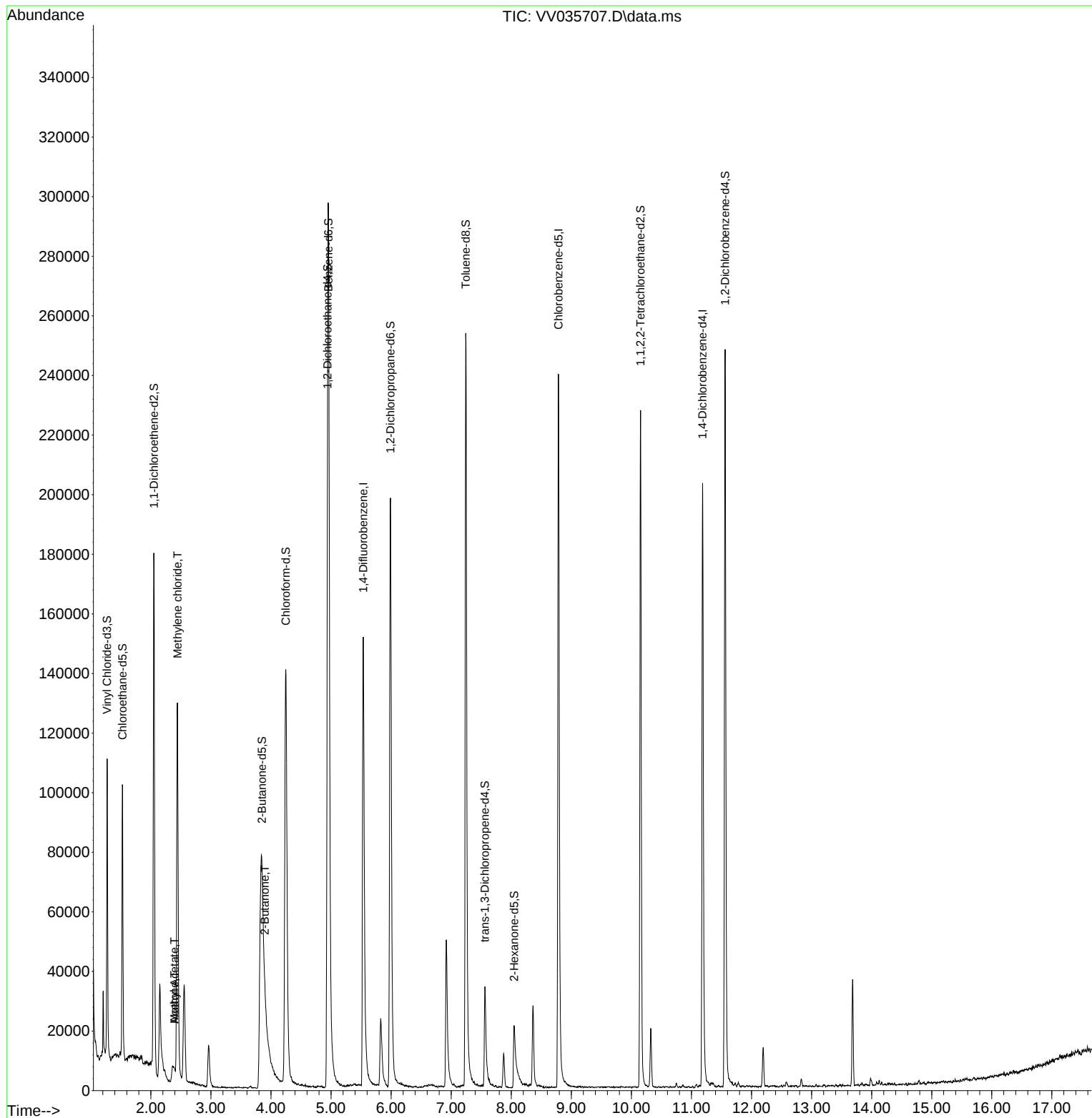
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142141	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144348	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	57281	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	65709	29.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.640%
7) Chloroethane-d5	1.526	69	61547	34.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.920%
11) 1,1-Dichloroethene-d2	2.050	65	30019	30.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	123.440%#
21) 2-Butanone-d5	3.850	46	17304	27.754	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.500%
24) Chloroform-d	4.246	84	162596	38.477	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	153.920%#
26) 1,2-Dichloroethane-d4	4.940	65	102708	49.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	196.640%#
32) Benzene-d6	4.956	84	254945	32.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.080%
36) 1,2-Dichloropropane-d6	5.989	67	104773	42.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	171.880%#
41) Toluene-d8	7.243	98	185032	26.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.240%
43) trans-1,3-Dichloroprop...	7.561	79	24313	23.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.240%
47) 2-Hexanone-d5	8.046	63	8722	19.892	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.780%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114145	48.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	194.320%#
66) 1,2-Dichlorobenzene-d4	11.561	152	69124	34.772	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	139.080%#
Target Compounds						Qvalue
13) Acetone	2.391	43	1690	1.852	ug/L	92
15) Methyl Acetate	2.391	43	1690	1.222	ug/L #	89
16) Methylene chloride	2.442	84	58127	17.734	ug/L	99
22) 2-Butanone	3.895	43	764	0.901	ug/L #	68

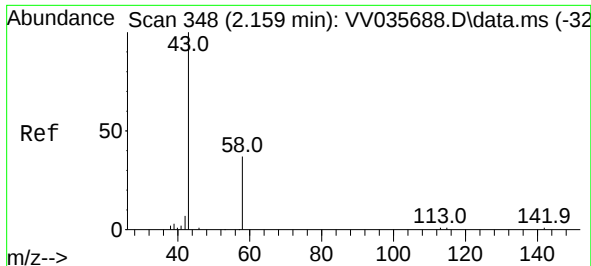
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035707.D
Acq On : 23 May 2024 14:32
Operator : SY/MD
Sample : P2568-17
Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 24 01:48:32 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





#13

Acetone

Concen: 1.852 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.232 min

Lab File: VV035707.D

Acq: 23 May 2024 14:32

Instrument :

MSVOA_V

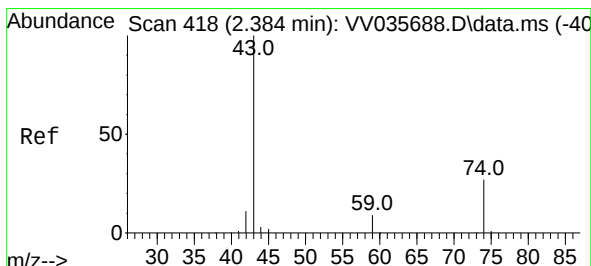
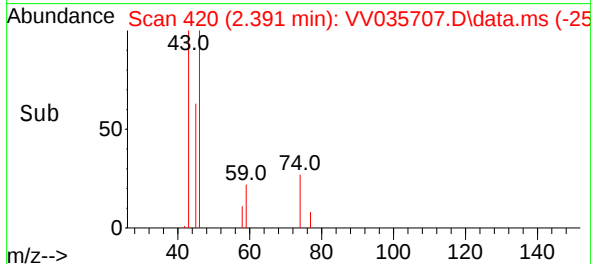
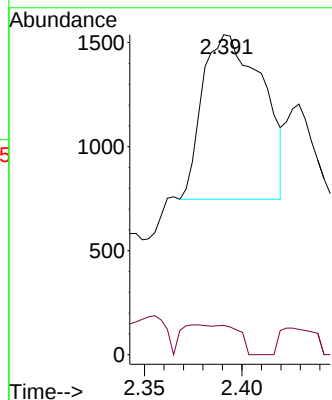
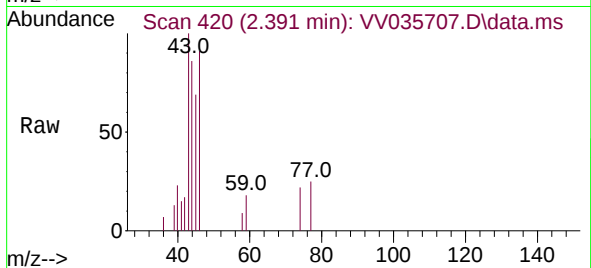
ClientSampleId :

Tgt Ion: 43 Resp: 1690

Ion Ratio Lower Upper

43 100

58 8.2 0.0 22.8



#15

Methyl Acetate

Concen: 1.222 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.006 min

Lab File: VV035707.D

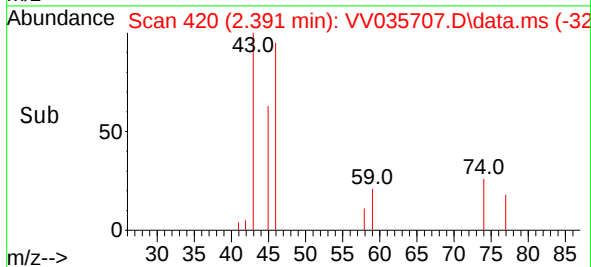
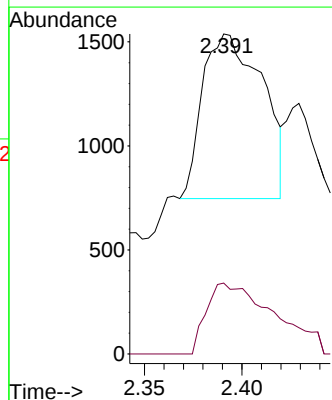
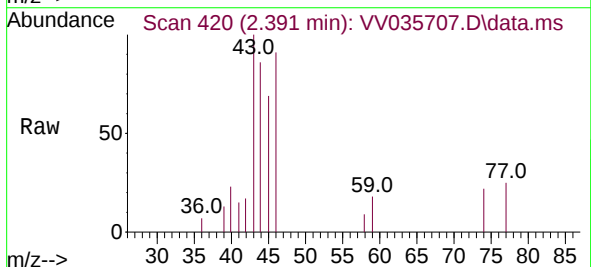
Acq: 23 May 2024 14:32

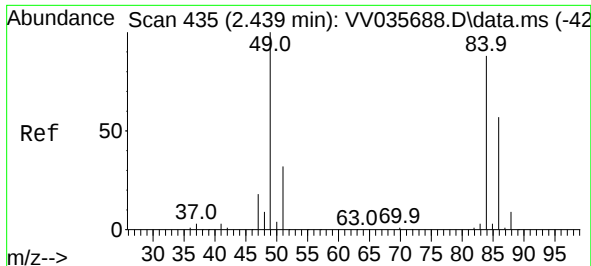
Tgt Ion: 43 Resp: 1690

Ion Ratio Lower Upper

43 100

74 17.9 18.6 27.8#

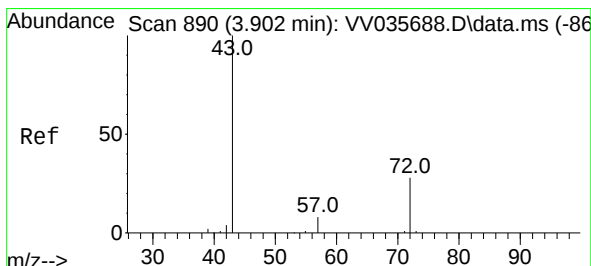
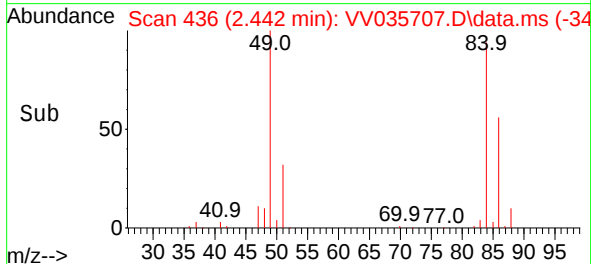
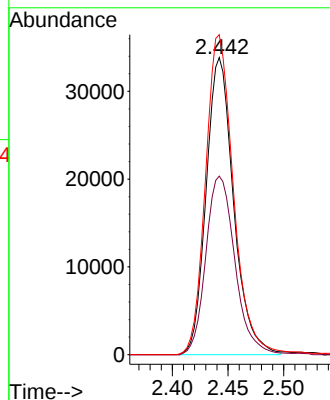
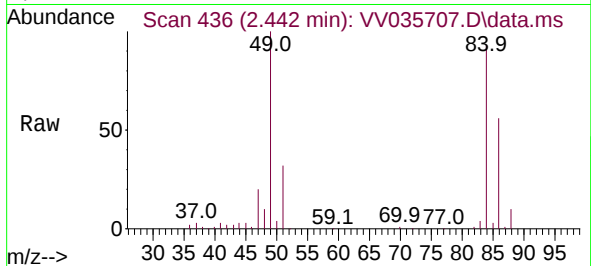




#16
Methylene chloride
Concen: 17.734 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035707.D
Acq: 23 May 2024 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 58127
Ion Ratio Lower Upper
84 100
86 60.1 43.8 81.3
49 107.7 75.3 139.9



#22
2-Butanone
Concen: 0.901 ug/L
RT: 3.895 min Scan# 888
Delta R.T. -0.006 min
Lab File: VV035707.D
Acq: 23 May 2024 14:32

Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
72 8.5 12.3 36.9#

