

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010074.D
 Acq On : 02 Apr 2019 22:50
 Operator : SY/MD
 Sample : K2148-10
 Misc : 3.95G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F7

Quant Time: Apr 03 07:40:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 06:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	98703	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	54386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38480	29.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.48%
7) Chloroethane-d5	1.58	69	67803	41.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	165.24%#
10) 1,1-Dichloroethene-d2	2.13	63	74891	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.88%
20) 2-Butanone-d5	3.95	46	29382	78.14	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.28%#
24) Chloroform-d	4.40	84	100754	40.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	162.08%#
26) 1,2-Dichloroethane-d4	5.08	65	49503	35.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	142.32%#
29) Benzene-d6	5.10	84	173638	61.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	246.28%#
33) 1,2-Dichloropropane-d6	6.12	67	62942	75.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	302.48%#
37) Toluene-d8	7.36	98	107919	39.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	158.84%#
38) trans-1,3-Dichloropropene-	7.67	79	7062	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.40%
39) 2-Hexanone-d5	8.14	63	13229	79.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.50%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44587	54.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	217.24%#
61) 1,2-Dichlorobenzene-d4	11.68	152	13003	35.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	141.92%#

Target Compounds

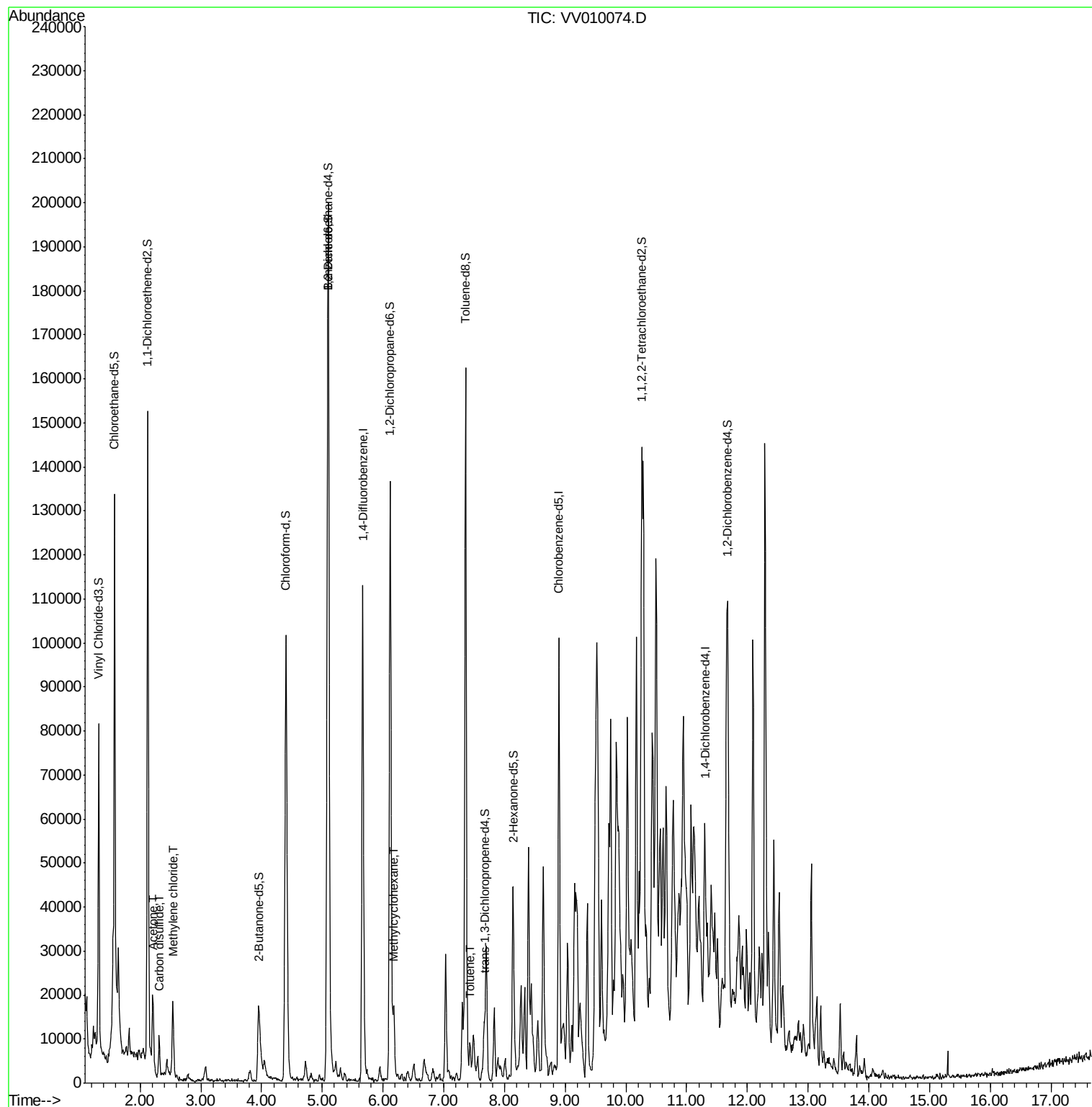
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	23537	63.313	ug/L	93
14) Carbon disulfide	2.32	76	10273	3.668	ug/L	98
16) Methylene chloride	2.53	84	7086	4.086	ug/L	91
36) Methylcyclohexane	6.18	83	6815	5.943	ug/L #	65
44) Toluene	7.43	91	5375	1.801	ug/L	93

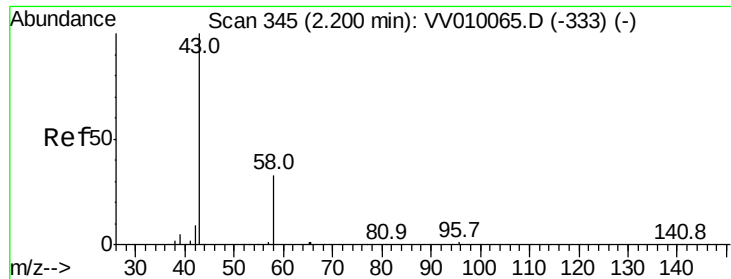
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 63.313 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV010074.D

Acq: 02 Apr 2019 22:50

Instrument :

MSVOA_V

ClientSampled :

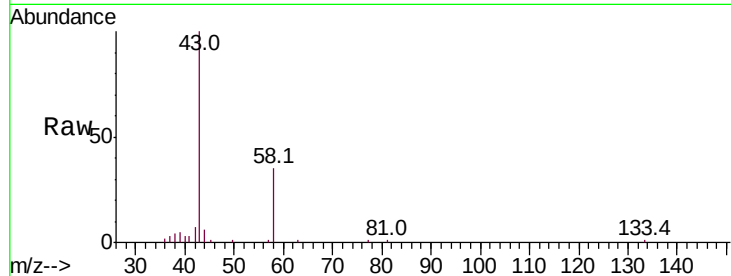
BF5F7

Tot Ion: 43 Resp: 23537

Ion Ratio Lower Upper

43 100

58 36.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010065.D (-333) (-)

2.21

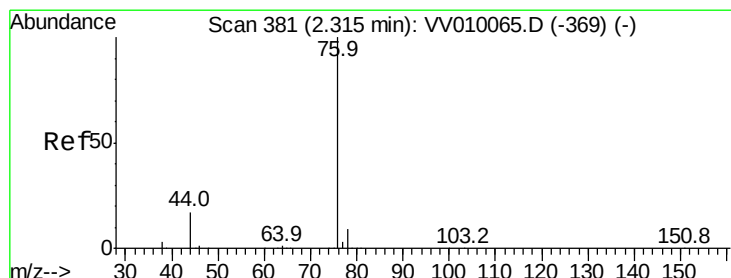
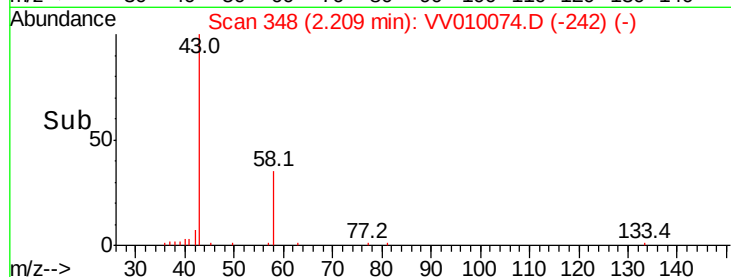
10000

5000

0

Time-->

2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 3.668 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV010074.D

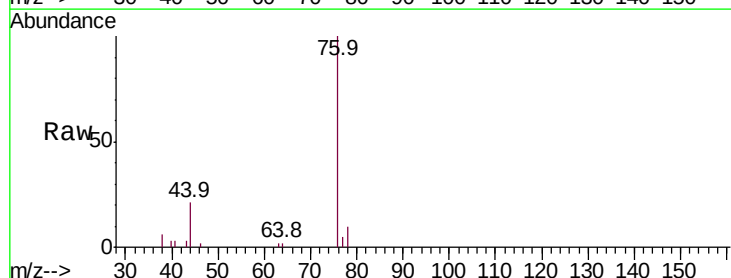
Acq: 02 Apr 2019 22:50

Tgt Ion: 76 Resp: 10273

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VV010065.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010065.D (-369) (-)

2.32

8000

6000

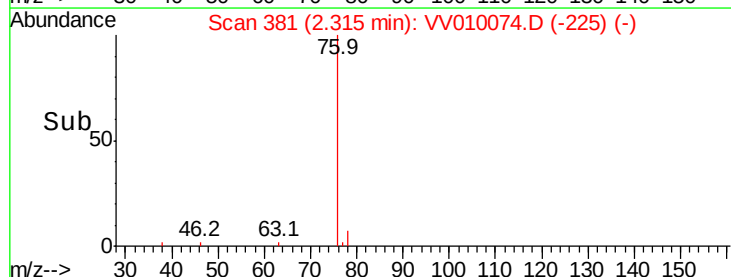
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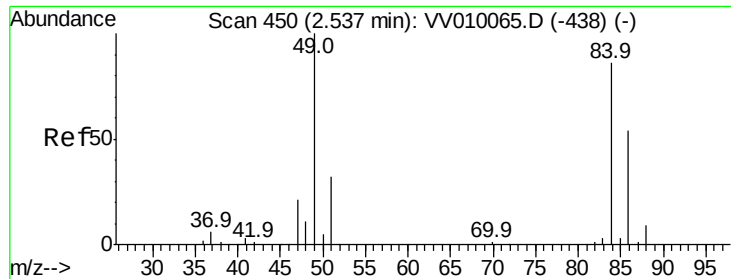
2000

0

Time-->

2.25 2.30 2.35

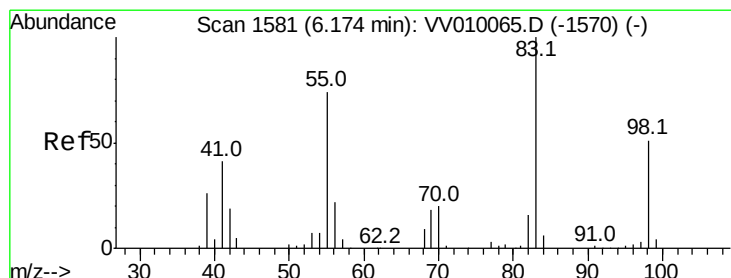
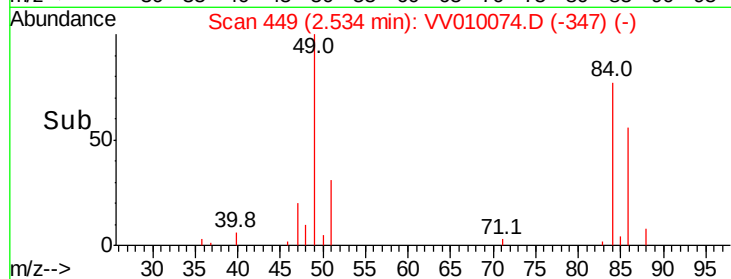
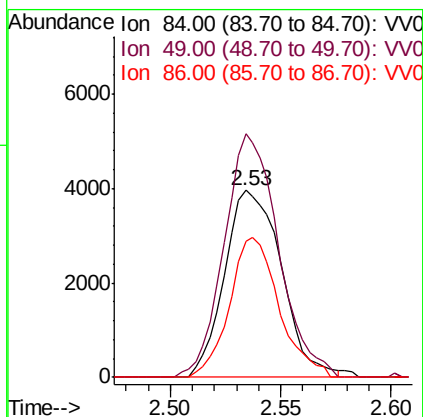
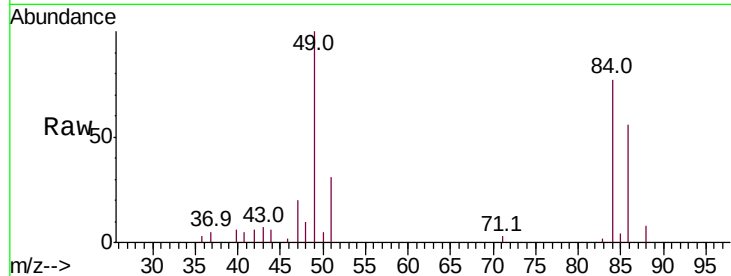




#16
Methvlene chloride
Concen: 4.086 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010074.D
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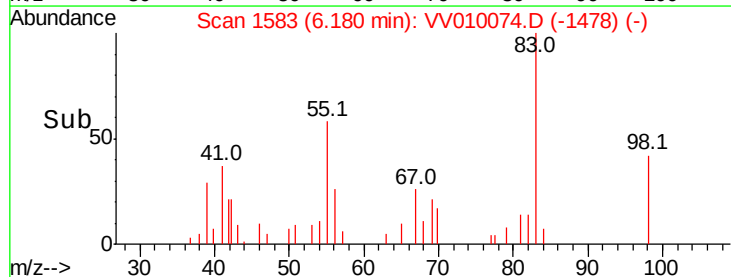
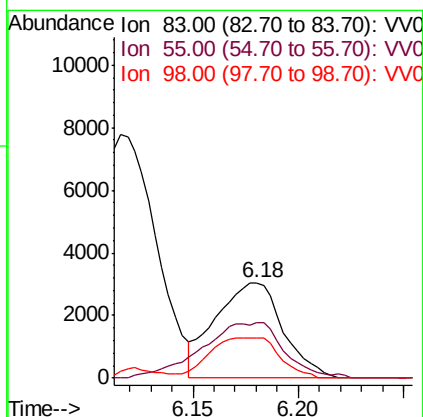
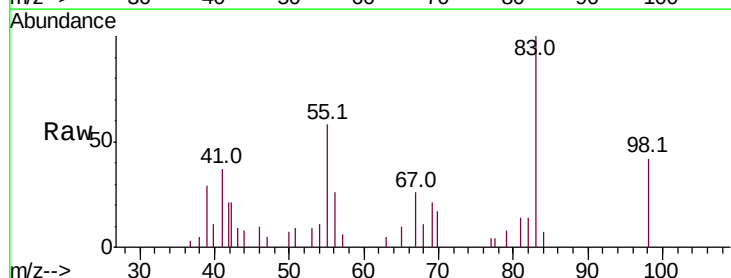
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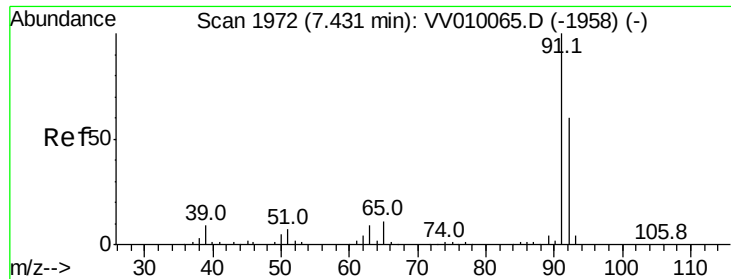
Tot Ion: 84 Resp: 7086
Ion Ratio Lower Upper
84 100
49 130.4 84.3 156.5
86 72.9 45.4 84.2



#36
Methylcyclohexane
Concen: 5.943 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.01 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion: 83 Resp: 6815
Ion Ratio Lower Upper
83 100
55 43.4 56.3 84.5#
98 22.3 39.0 58.6#





#44

Toluene

Concen: 1.801 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV010074.D

Acq: 02 Apr 2019 22:50

Instrument :
MSVOA_V
ClientSampleId :
BF5F7

Tot Ion: 91 Resp: 5375

Ion Ratio Lower Upper

91 100

92 53.3 41.0 76.2

