

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041619\
 Data File : VV010336.D
 Acq On : 16 Apr 2019 16:38
 Operator : SY/MD
 Sample : K2402-13
 Misc : 5.04G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ3

Quant Time: Apr 16 23:11:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 23:09:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	68620	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	69068	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	22549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11459	14.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.04%
7) Chloroethane-d5	1.59	69	11994	17.67	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.68%
10) 1,1-Dichloroethene-d2	2.13	63	24800	12.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.32%
20) 2-Butanone-d5	3.95	46	10091	50.48	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.96%
24) Chloroform-d	4.41	84	32679	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.08	65	21819	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.80%
29) Benzene-d6	5.10	84	56562	16.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.92%
33) 1,2-Dichloropropane-d6	6.12	67	18968	19.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.60%
37) Toluene-d8	7.36	98	51199	15.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.04%
38) trans-1,3-Dichloropropene-	7.67	79	7240	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.12%
39) 2-Hexanone-d5	8.14	63	4914	28.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	20647	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	17060	20.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.96%

Target Compounds

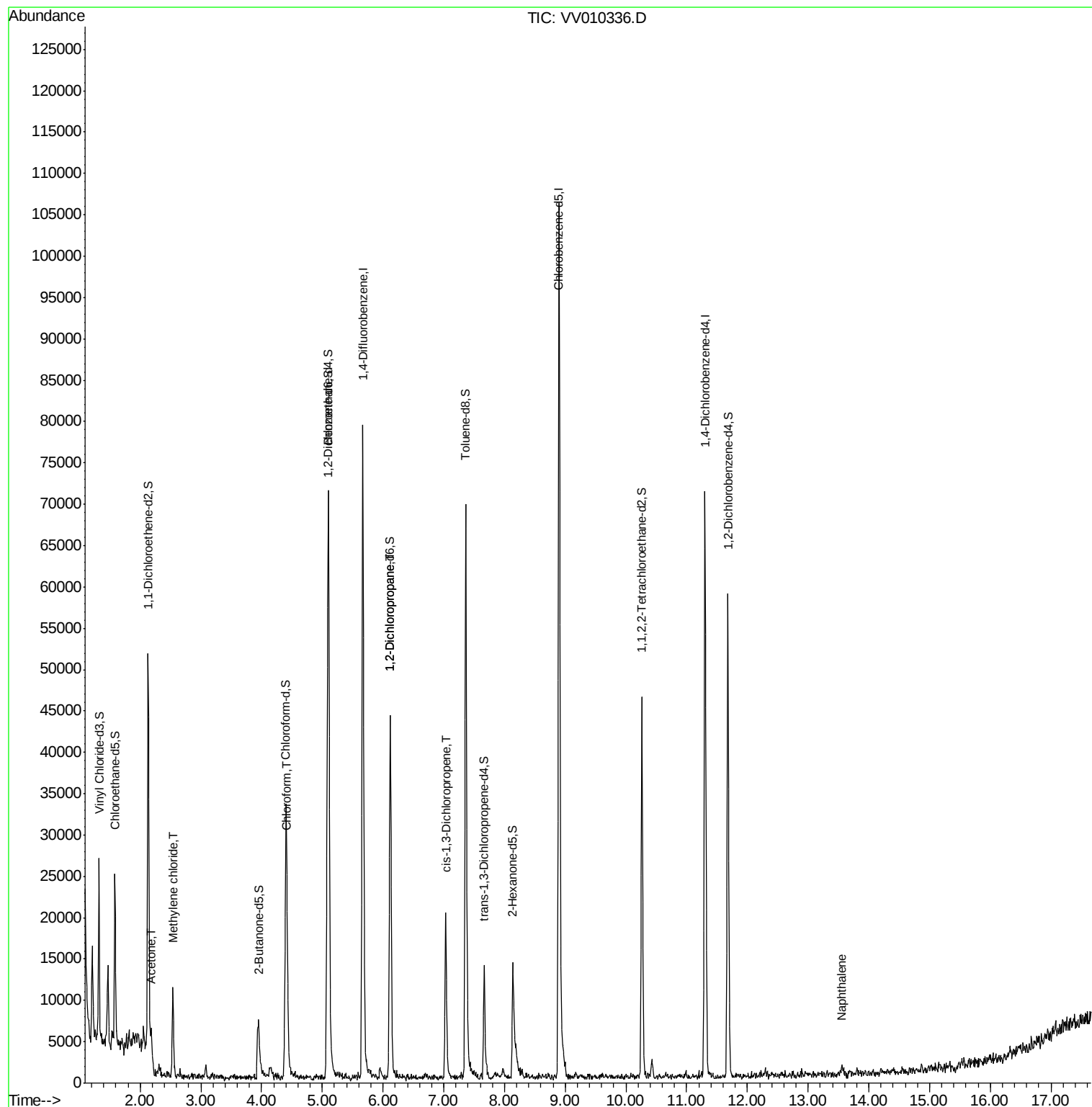
					Qvalue
13) Acetone	2.19	43	3443	16.121 ug/L	95
16) Methylene chloride	2.54	84	4382	3.261 ug/L	94
25) Chloroform	4.43	83	1428	0.850 ug/L #	44
40) 1,2-Dichloropropane	6.12	63	2529	2.952 ug/L #	85
42) cis-1,3-Dichloropropene	7.04	75	751	0.578 ug/L	86
69) Naphthalene	13.56	128	1226	1.271 ug/L #	76

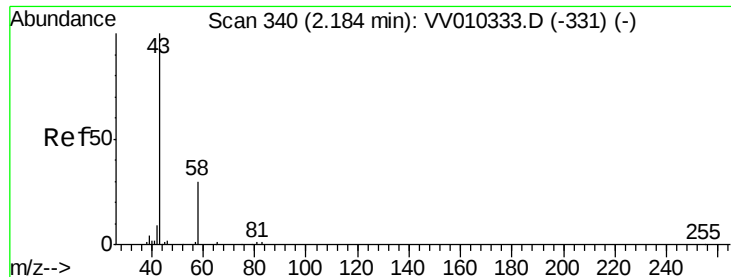
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV041619\
Data File : VV010336.D
Acq On : 16 Apr 2019 16:38
Operator : SY/MD
Sample : K2402-13
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHJ3

Quant Time: Apr 16 23:11:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 23:09:02 2019
Response via : Initial Calibration





#13

Acetone

Concen: 16.121 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010336.D

Acq: 16 Apr 2019 16:38

Instrument :

MSVOA_V

ClientSampleId :

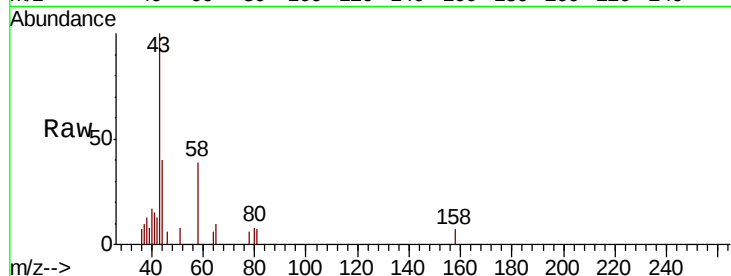
GAHJ3

Tgt Ion: 43 Resp: 3443

Ion Ratio Lower Upper

43 100

58 28.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010333.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010333.D (-331) (-)

2.19

2.15 2.20 2.25

2000

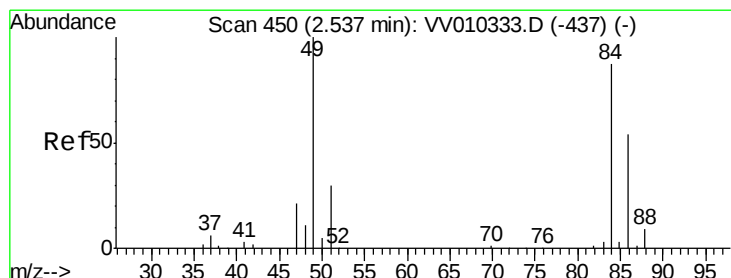
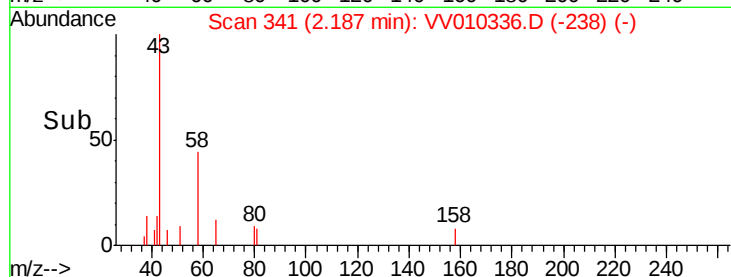
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 3.261 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV010336.D

Acq: 16 Apr 2019 16:38

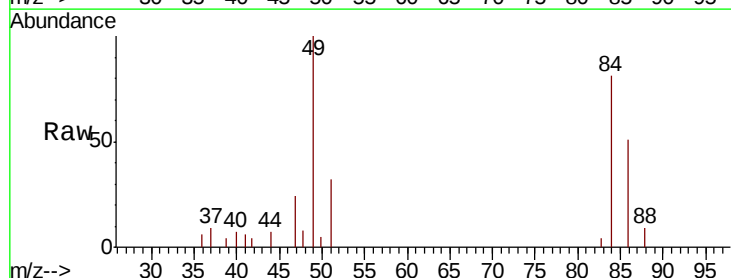
Tgt Ion: 84 Resp: 4382

Ion Ratio Lower Upper

84 100

49 124.1 79.9 148.5

86 63.0 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010333.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010333.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010333.D (-437) (-)

2.54

2.50 2.55

4000

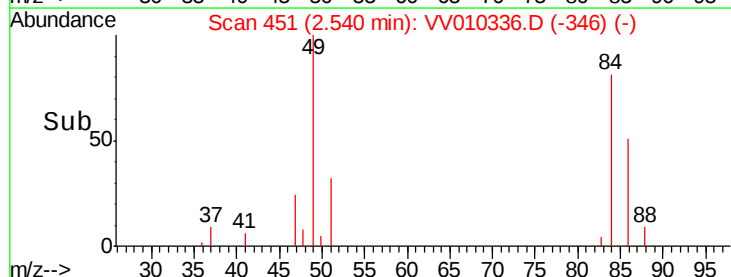
3000

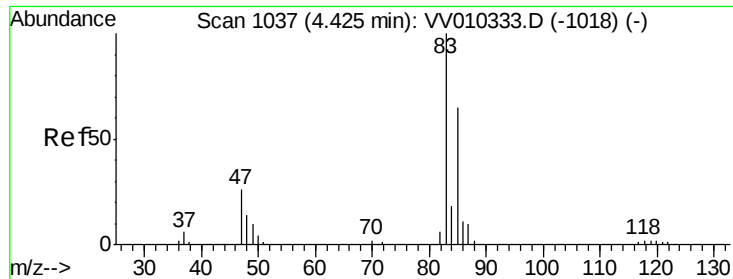
2000

1000

0

Time-->

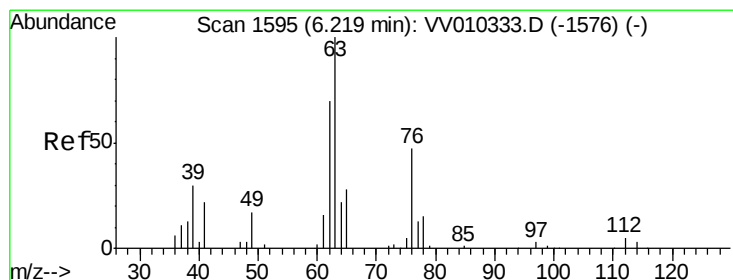
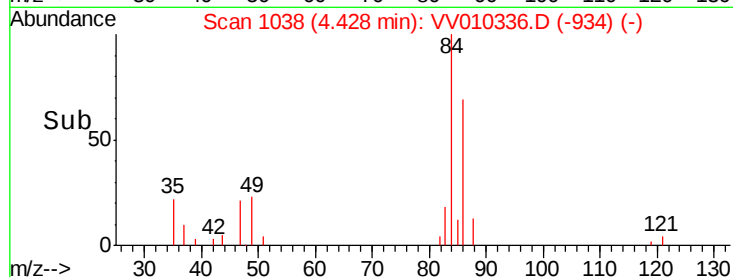
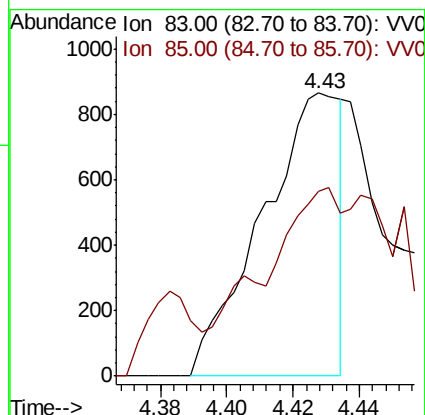
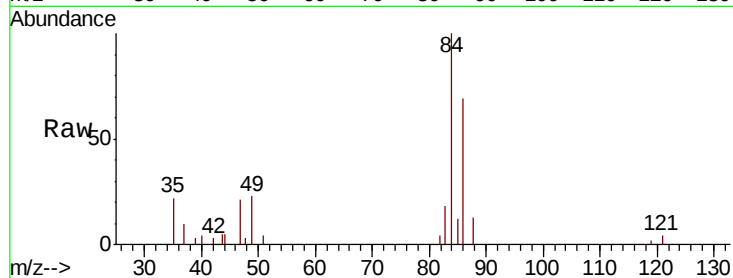




#25
Chloroform
Concen: 0.850 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010336.D
Acq: 16 Apr 2019 16:38

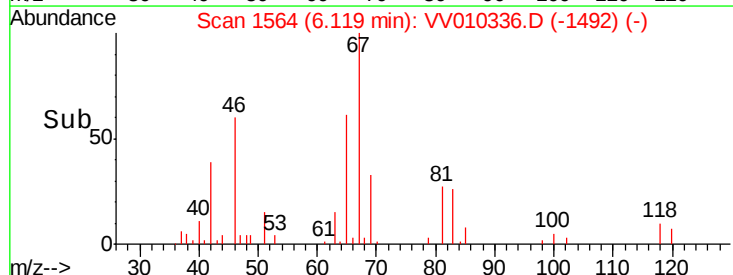
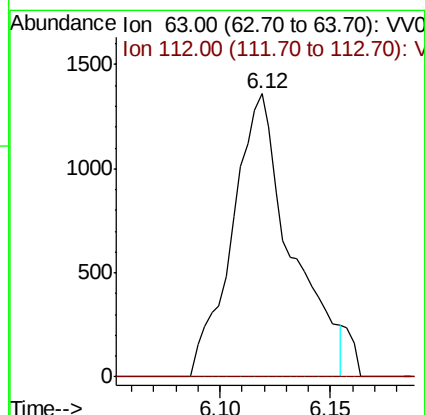
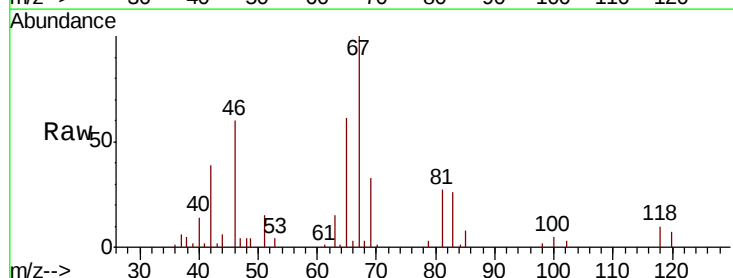
Instrument :
MSVOA_V
ClientSampleId :
GAHJ3

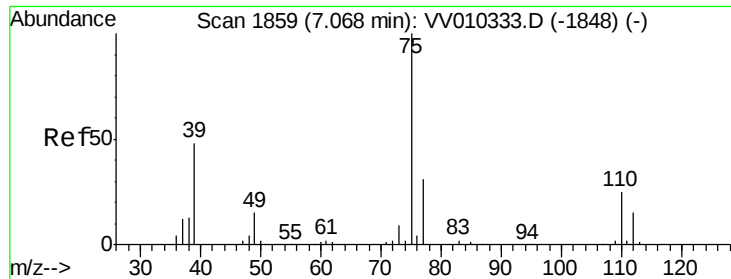
Tgt Ion: 83 Resp: 1428
Ion Ratio Lower Upper
83 100
85 20.4 45.4 84.2#



#40
1,2-Dichloropropane
Concen: 2.952 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010336.D
Acq: 16 Apr 2019 16:38

Tgt Ion: 63 Resp: 2529
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



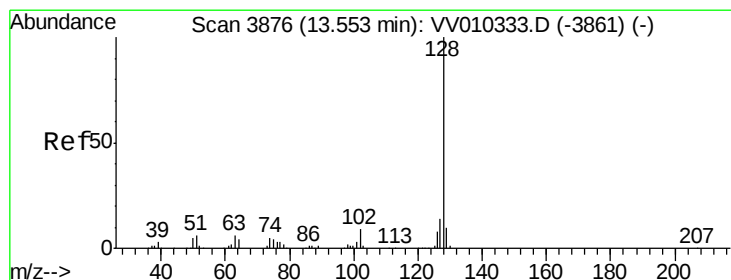
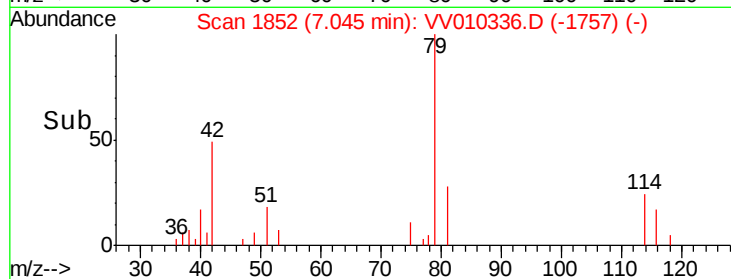
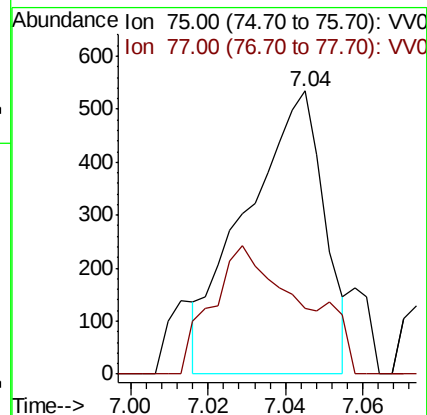
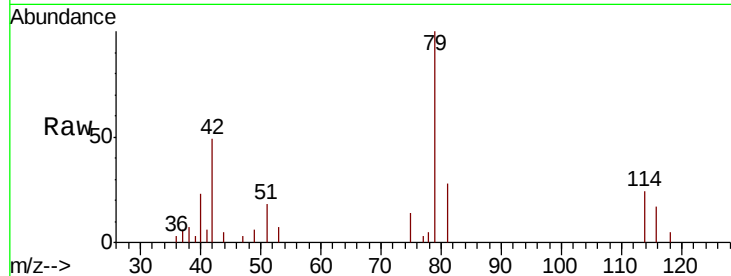


#42

cis-1,3-Dichloropropene
Concen: 0.578 ug/L
RT: 7.04 min Scan# 1852
Delta R.T. -0.03 min
Lab File: VV010336.D
Acq: 16 Apr 2019 16:38

Instrument :
MSVOA_V
ClientSampled :
GAHJ3

Tgt Ion: 75 Resp: 751
Ion Ratio Lower Upper
75 100
77 23.4 21.9 40.7



#69

Naphthalene
Concen: 1.271 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV010336.D
Acq: 16 Apr 2019 16:38

Tgt Ion: 128 Resp: 1226
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 5.5 10.6 15.8#

