

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
 Data File : VV010367.D
 Acq On : 18 Apr 2019 23:32
 Operator : SY/MD
 Sample : K2402-14
 Misc : 5.10G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ4RE

Quant Time: Apr 19 06:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	109510	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135161	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62298	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7224	5.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.76%#
7) Chloroethane-d5	1.58	69	15600	13.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.44%
10) 1,1-Dichloroethene-d2	2.13	63	20960	6.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	25.00%#
20) 2-Butanone-d5	3.94	46	22049	50.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.82%
24) Chloroform-d	4.40	84	66431	23.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	5.08	65	51837	30.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.00%
29) Benzene-d6	5.10	84	103145	14.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	59.64%
33) 1,2-Dichloropropane-d6	6.12	67	44271	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.44%
37) Toluene-d8	7.36	98	94086	14.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.60%
38) trans-1,3-Dichloropropene-	7.66	79	15560	15.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.48%
39) 2-Hexanone-d5	8.13	63	12581	27.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51857	25.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	55226	22.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.20%

Target Compounds

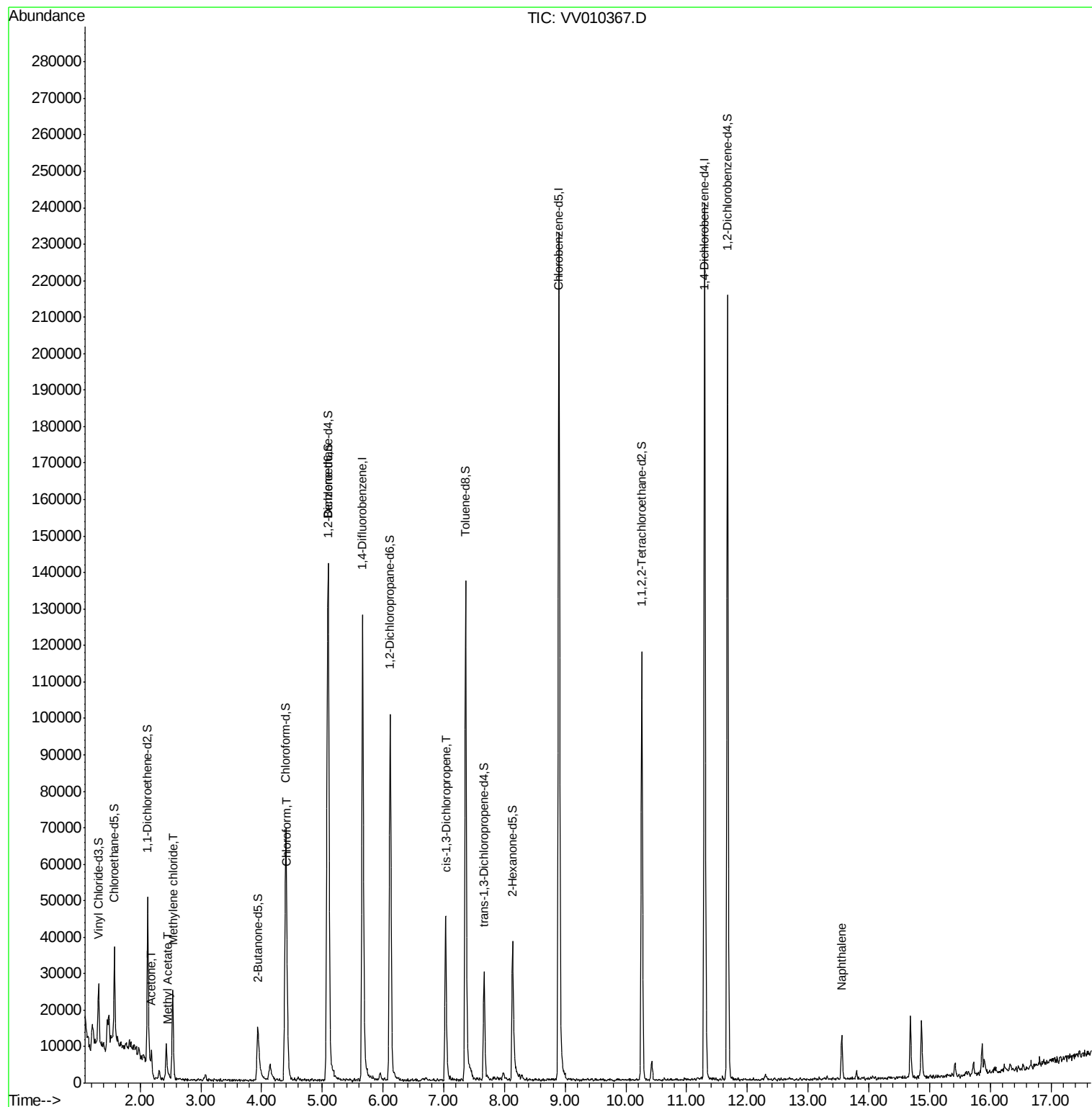
					Qvalue
13) Acetone	2.19	43	2209	4.833	ug/L 76
15) Methyl Acetate	2.46	43	1356	1.818	ug/L # 76
16) Methylene chloride	2.53	84	10091	5.769	ug/L 96
25) Chloroform	4.42	83	2468	0.919	ug/L # 46
42) cis-1,3-Dichloropropene	7.03	75	1529	0.599	ug/L 89
69) Naphthalene	13.55	128	8911	1.911	ug/L 99

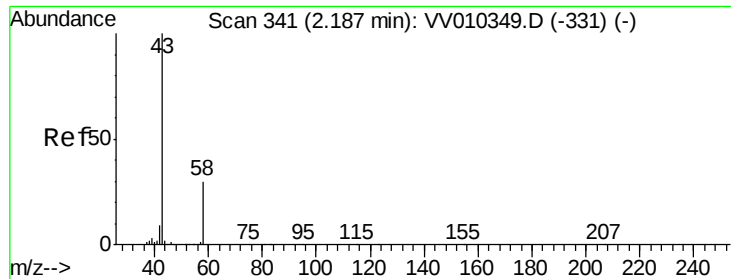
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 06:08:59 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.833 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

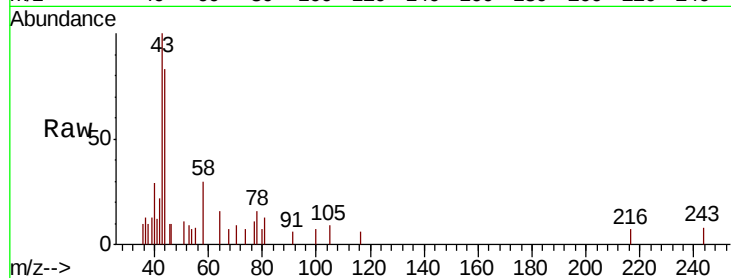
GAHJ4RE

Tgt Ion: 43 Resp: 2209

Ion Ratio Lower Upper

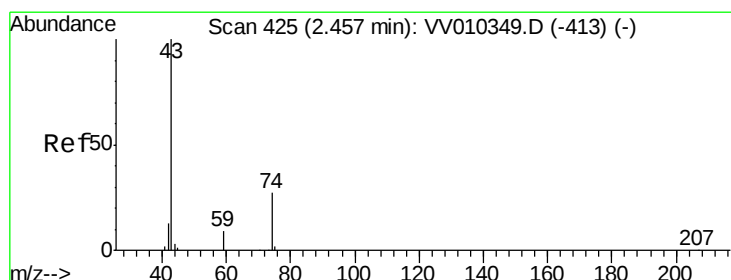
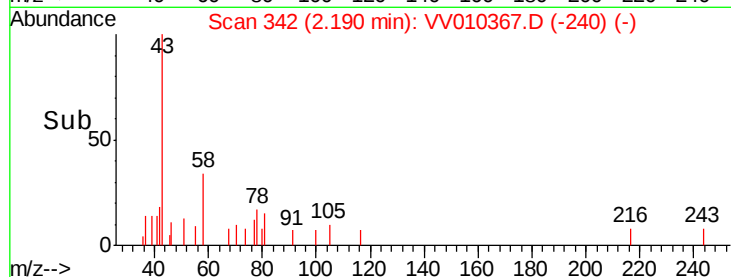
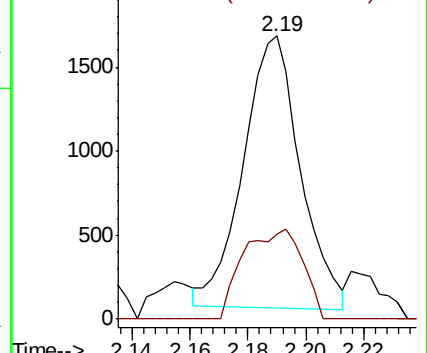
43 100

58 16.9 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 1.818 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV010367.D

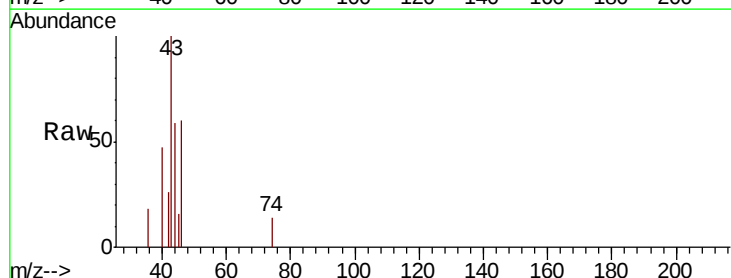
Acq: 18 Apr 2019 23:32

Tgt Ion: 43 Resp: 1356

Ion Ratio Lower Upper

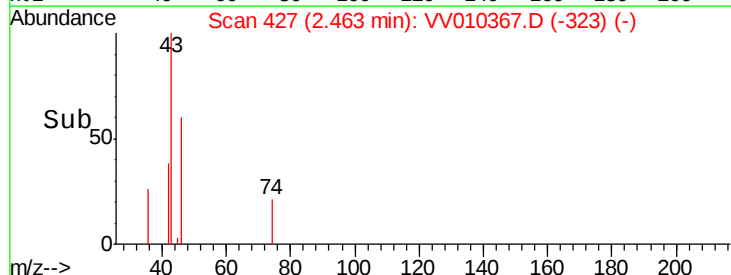
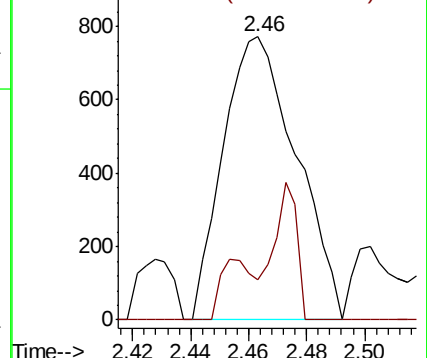
43 100

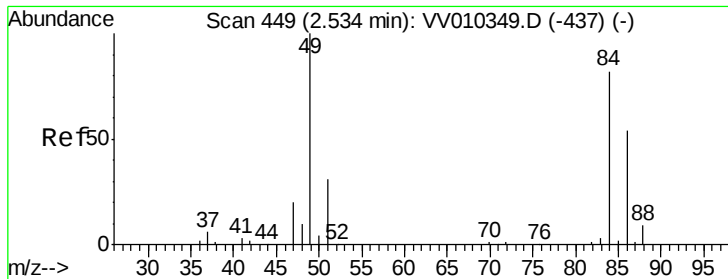
74 15.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

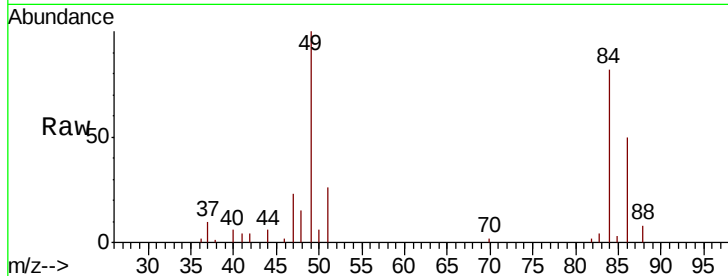




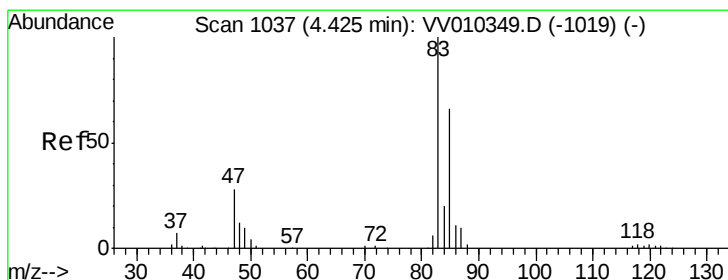
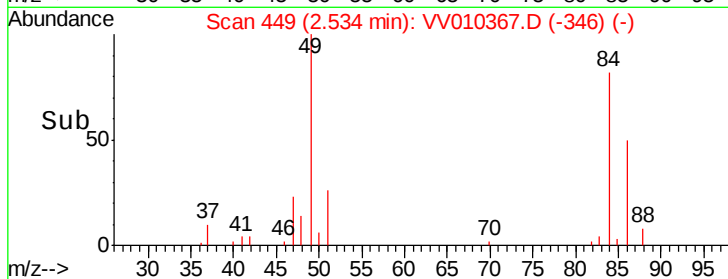
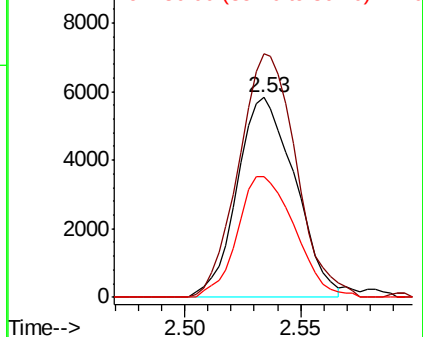
#16
Methylene chloride
Concen: 5.769 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010367.D
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Instrument :
MSVOA_V
ClientSampleId :
GAHJ4RE

Tgt Ion: 84 Resp: 10091
Ion Ratio Lower Upper
84 100
49 121.9 83.8 155.6
86 60.7 46.1 85.5

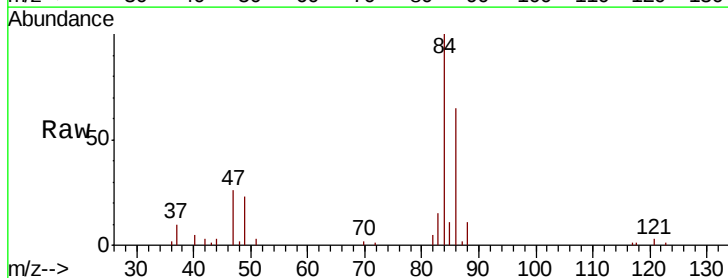


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

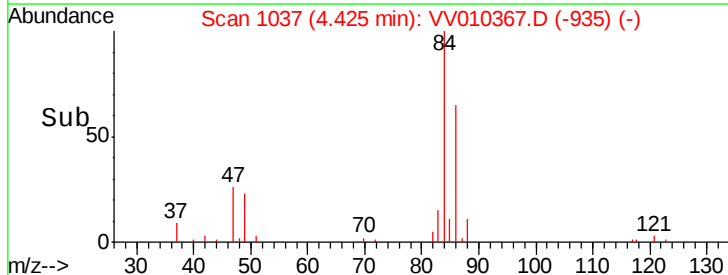
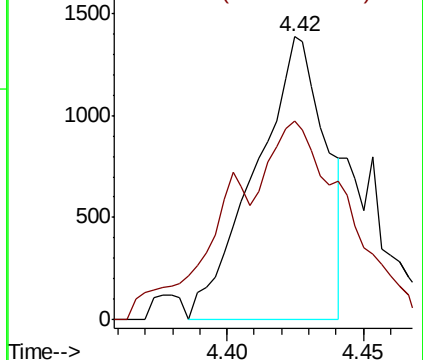


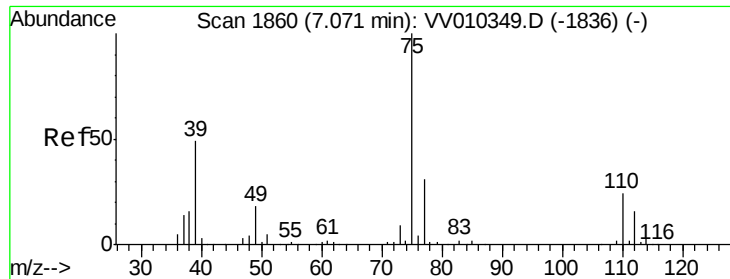
#25
Chloroform
Concen: 0.919 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010367.D
Acq: 18 Apr 2019 23:32

Tgt Ion: 83 Resp: 2468
Ion Ratio Lower Upper
83 100
85 23.1 46.5 86.5#



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0



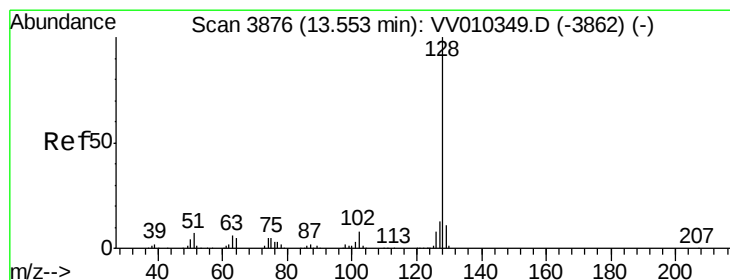
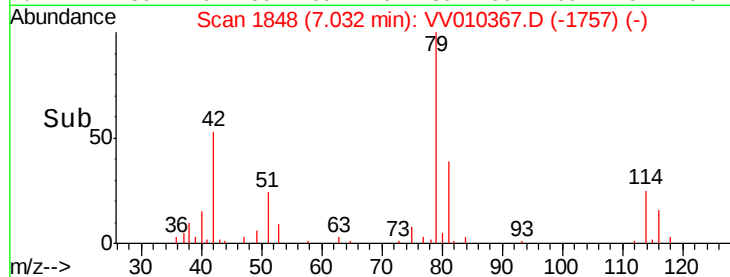
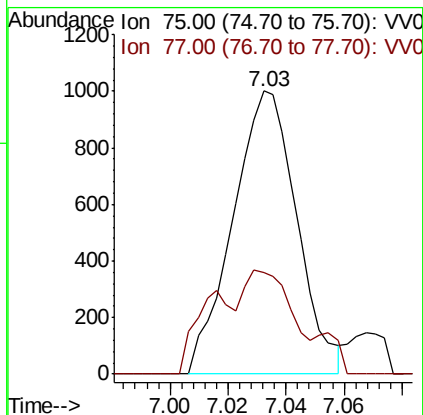
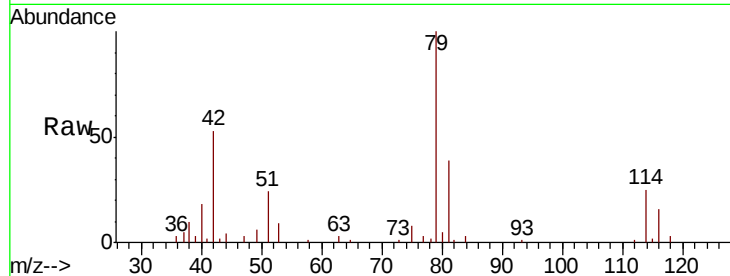


#42

cis-1,3-Dichloropropene
 Concen: 0.599 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010367.D
 Acq: 18 Apr 2019 23:32

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Tgt Ion: 75 Resp: 1529
 Ion Ratio Lower Upper
 75 100
 77 36.1 21.1 39.1



#69

Naphthalene
 Concen: 1.911 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV010367.D
 Acq: 18 Apr 2019 23:32

Tgt Ion: 128 Resp: 8911
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.7 13.1
 127 12.9 10.7 16.1

