

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010247.D
 Acq On : 11 Apr 2019 16:39
 Operator : SY/MD
 Sample : K2255-17
 Misc : 5.36G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC56

Quant Time: Apr 12 01:28:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	282553	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	254760	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52660	16.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.76%
7) Chloroethane-d5	1.57	69	52787	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.52%
10) 1,1-Dichloroethene-d2	2.13	63	108057	13.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.20%
20) 2-Butanone-d5	3.93	46	39816	48.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.74%
24) Chloroform-d	4.40	84	129336	20.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.16%
26) 1,2-Dichloroethane-d4	5.08	65	79164	21.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.16%
29) Benzene-d6	5.10	84	271311	22.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.36%
33) 1,2-Dichloropropane-d6	6.12	67	83843	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.80%
37) Toluene-d8	7.36	98	249107	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.16%
38) trans-1,3-Dichloropropene-	7.66	79	28098	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.76%
39) 2-Hexanone-d5	8.13	63	27426	43.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69550	21.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	78027	21.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.12%

Target Compounds

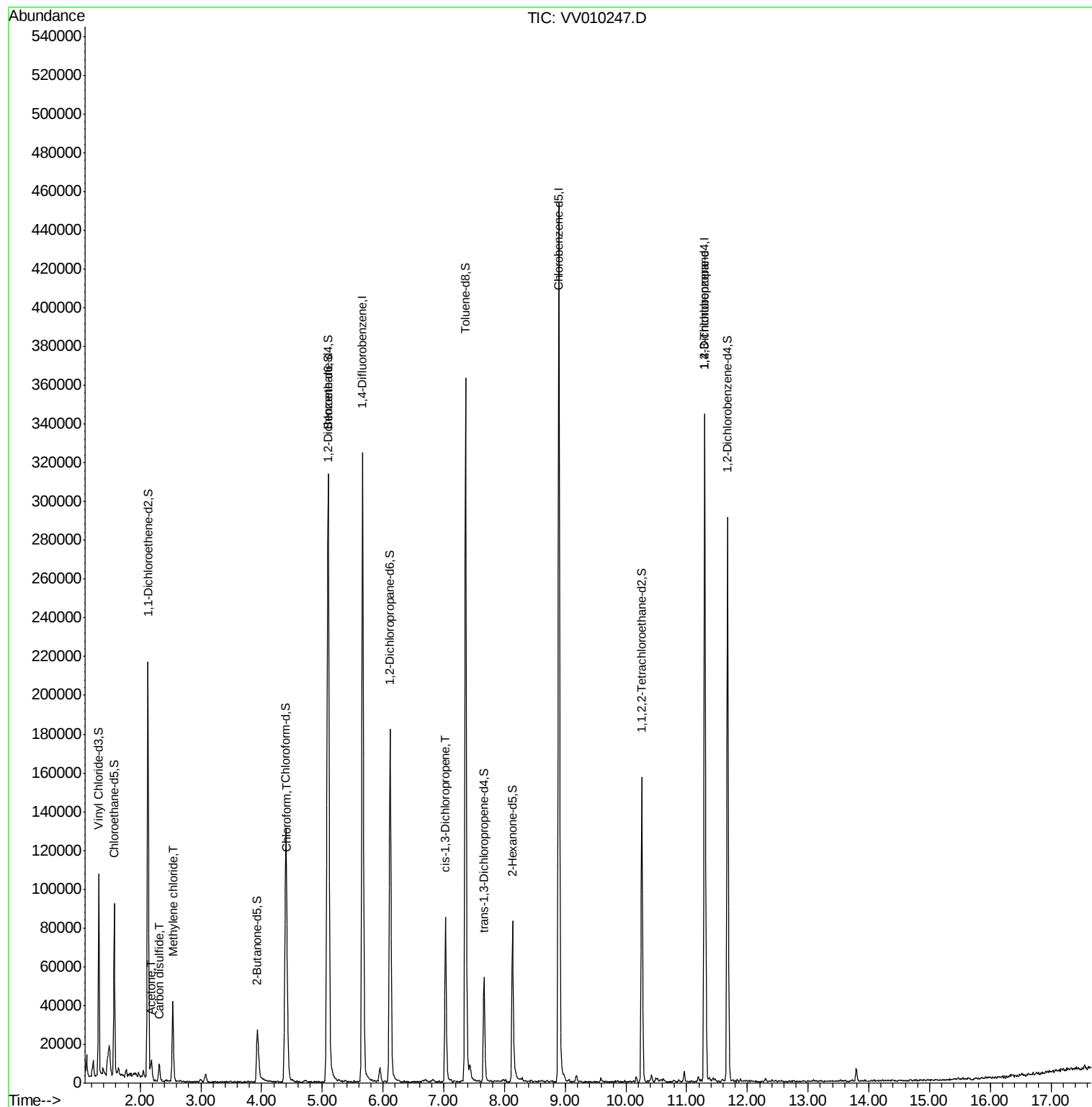
					Qvalue
13) Acetone	2.19	43	6809	7.742 ug/L	87
14) Carbon disulfide	2.32	76	5545	0.616 ug/L	99
16) Methylene chloride	2.54	84	16386	2.961 ug/L	95
25) Chloroform	4.42	83	9474	1.369 ug/L #	34
42) cis-1,3-Dichloropropene	7.03	75	2519	0.526 ug/L #	61
59) 1,2,3-Trichloropropane	11.30	75	12573	5.157 ug/L	91

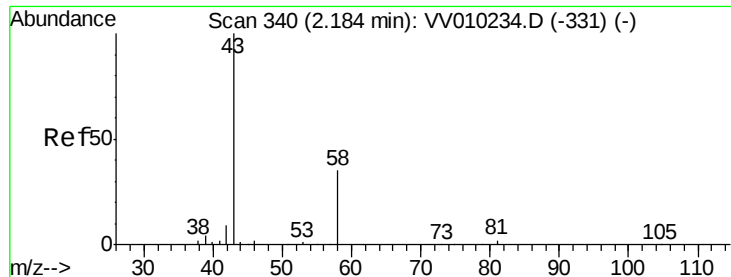
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.742 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

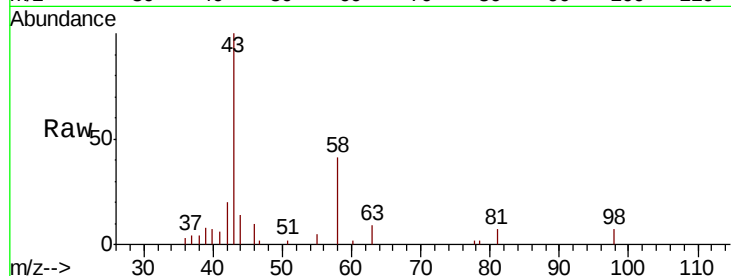
BFC56

Tgt Ion: 43 Resp: 6809

Ion Ratio Lower Upper

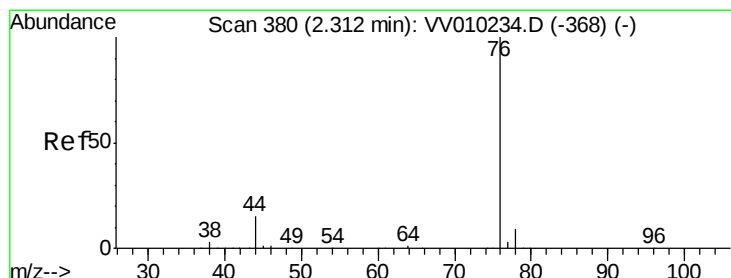
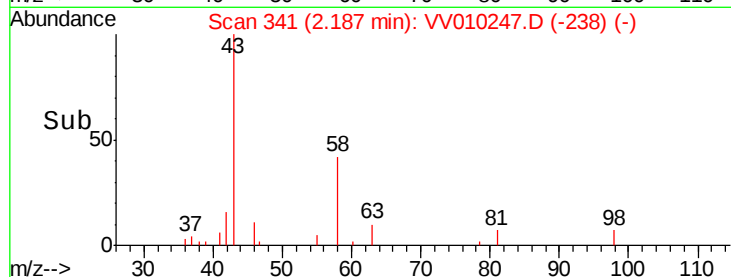
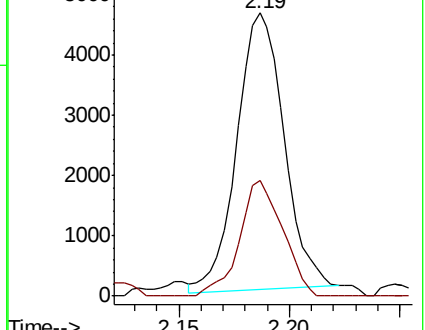
43 100

58 38.2 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#14

Carbon disulfide

Concen: 0.616 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV010247.D

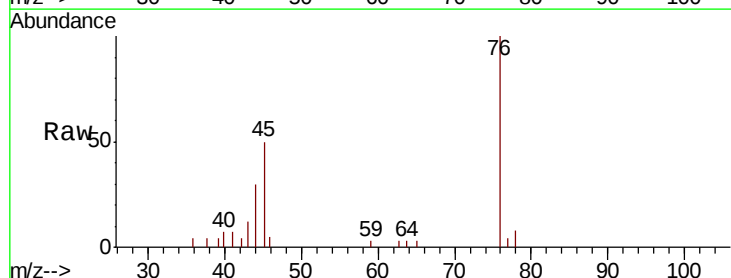
Acq: 11 Apr 2019 16:39

Tgt Ion: 76 Resp: 5545

Ion Ratio Lower Upper

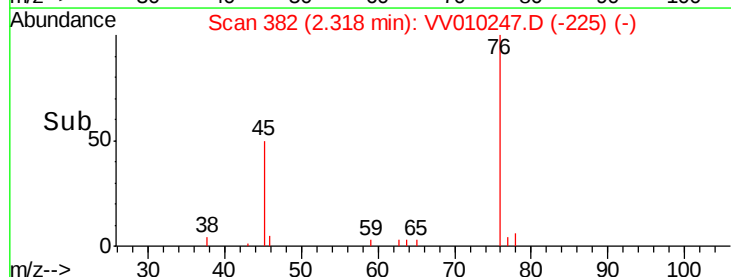
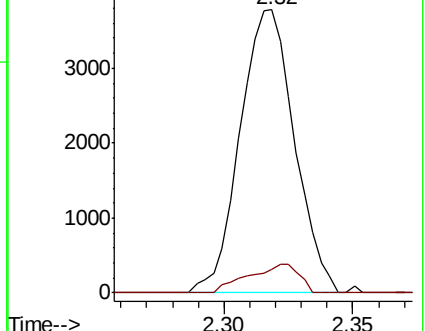
76 100

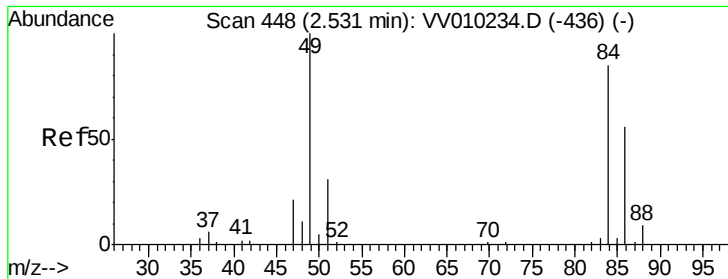
78 8.4 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VV010234.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV010234.D (-368) (-)

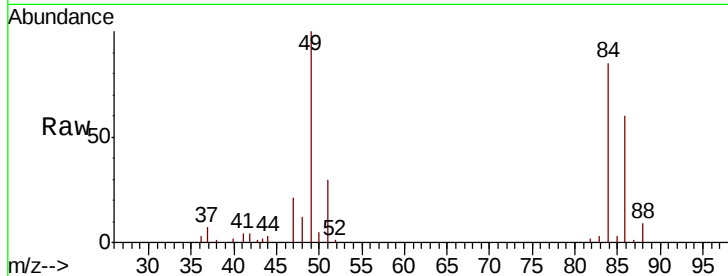




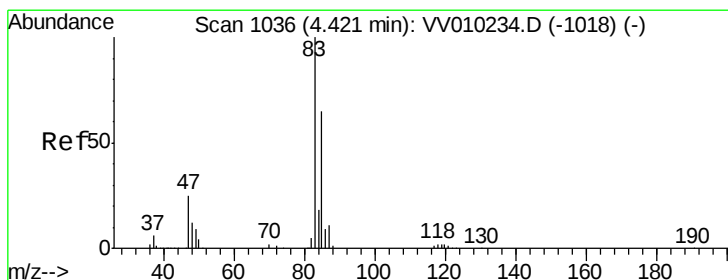
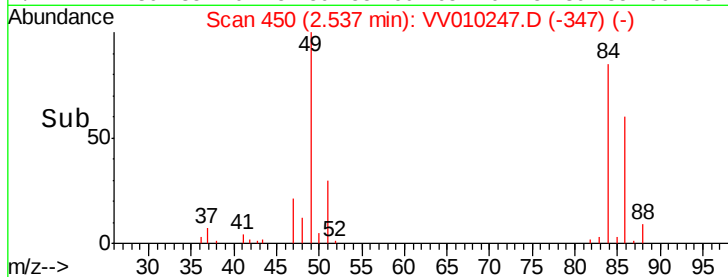
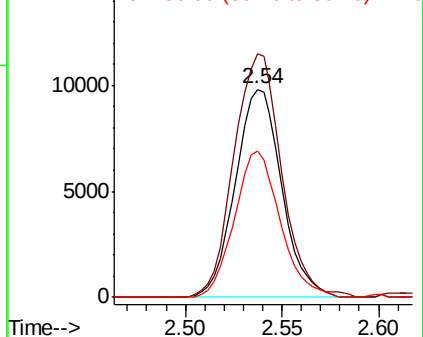
#16
Methylene chloride
Concen: 2.961 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010247.D
Acq: 11 Apr 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
BFC56

Tgt Ion: 84 Resp: 16386
Ion Ratio Lower Upper
84 100
49 117.1 79.9 148.5
86 70.5 44.5 82.7

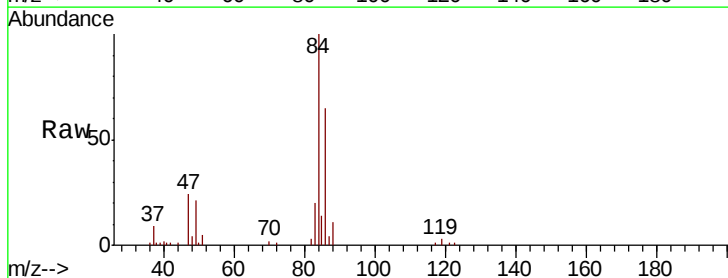


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

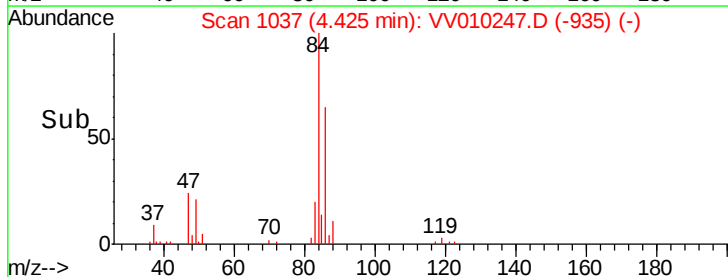
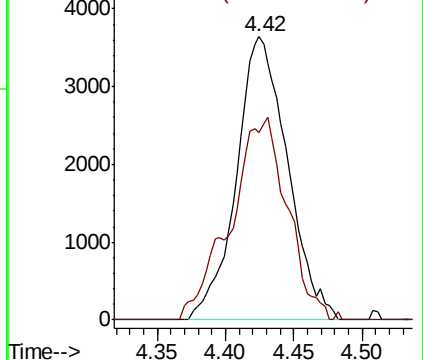


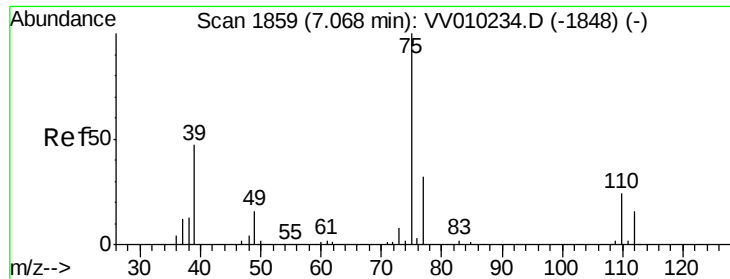
#25
Chloroform
Concen: 1.369 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010247.D
Acq: 11 Apr 2019 16:39

Tgt Ion: 83 Resp: 9474
Ion Ratio Lower Upper
83 100
85 12.8 45.4 84.2#



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



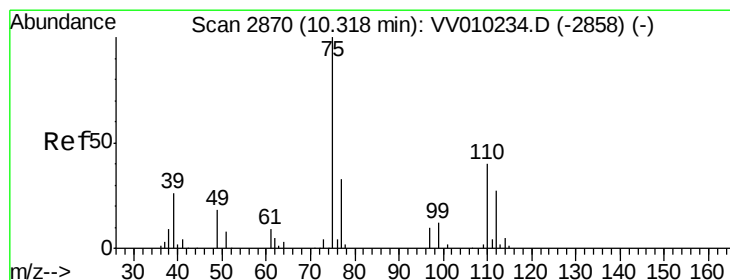
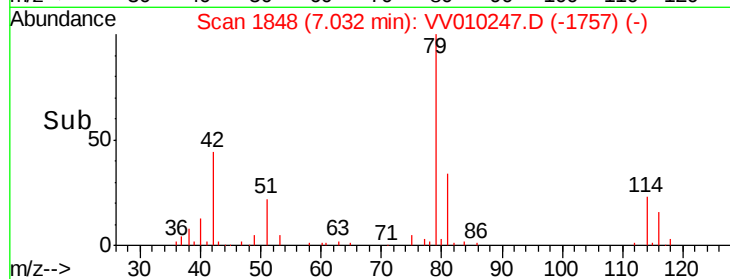
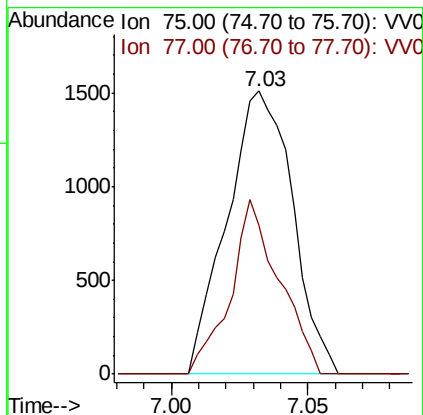
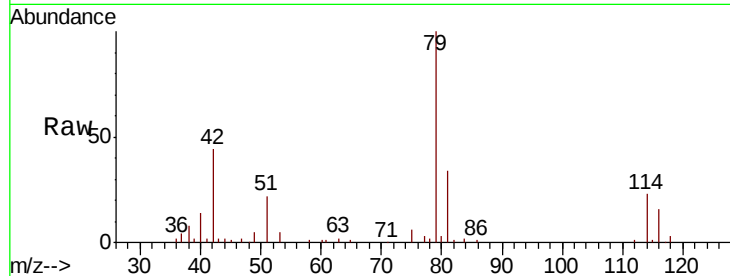


#42

cis-1,3-Dichloropropene
Concen: 0.526 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010247.D
Acq: 11 Apr 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
BFC56

Tgt Ion: 75 Resp: 2519
Ion Ratio Lower Upper
75 100
77 52.8 21.9 40.7#



#59

1,2,3-Trichloropropane
Concen: 5.157 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010247.D
Acq: 11 Apr 2019 16:39

Tgt Ion: 75 Resp: 12573
Ion Ratio Lower Upper
75 100
77 38.8 26.9 40.3

