

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010249.D
 Acq On : 11 Apr 2019 17:31
 Operator : SY/MD
 Sample : K2255-19
 Misc : 6.26G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC20

Quant Time: Apr 12 01:29:02 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	5.67	114	283035	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246797	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52718	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.72%
7) Chloroethane-d5	1.58	69	55654	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
10) 1,1-Dichloroethene-d2	2.13	63	107956	13.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.08%
20) 2-Butanone-d5	3.93	46	41572	50.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.84%
24) Chloroform-d	4.40	84	128549	19.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.56%
26) 1,2-Dichloroethane-d4	5.08	65	81365	22.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.40%
29) Benzene-d6	5.10	84	270114	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	6.12	67	87545	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	7.36	98	243319	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.88%
38) trans-1,3-Dichloropropene-	7.66	79	27834	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.44%
39) 2-Hexanone-d5	8.13	63	28432	46.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67902	21.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	70254	22.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.80%

Target Compounds

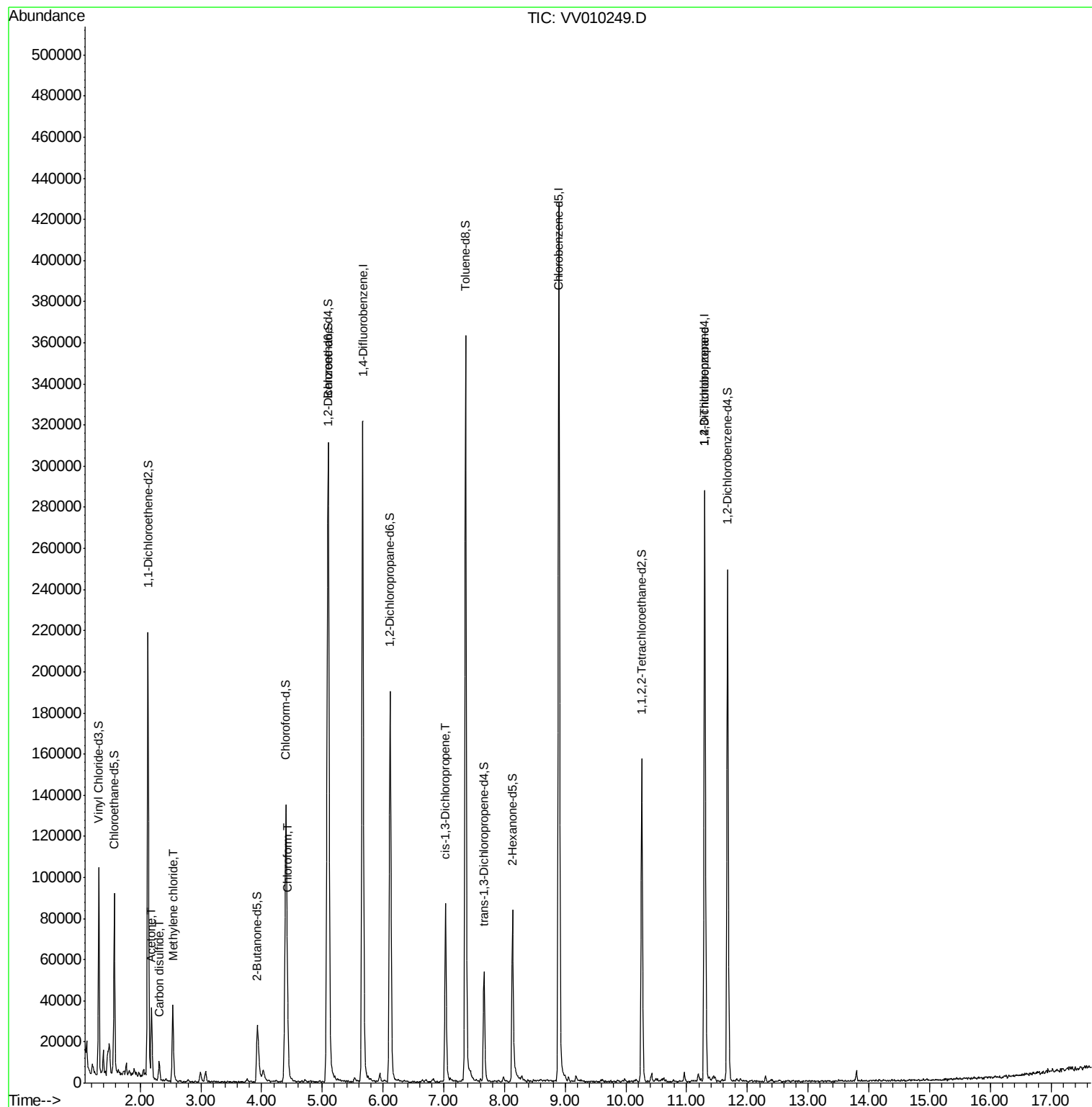
					Qvalue
13) Acetone	2.19	43	30971	35.157 ug/L	96
14) Carbon disulfide	2.32	76	5511	0.611 ug/L #	86
16) Methylene chloride	2.54	84	15469	2.791 ug/L	95
25) Chloroform	4.43	83	12698	1.832 ug/L	88
42) cis-1,3-Dichloropropene	7.03	75	2500	0.539 ug/L #	61
59) 1,2,3-Trichloropropane	11.30	75	10420	4.412 ug/L	95

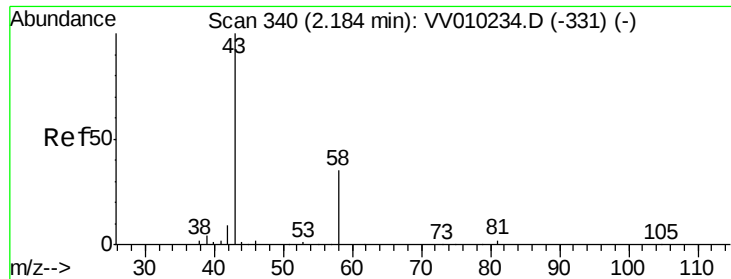
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 01:24:48 2019
Response via : Initial Calibration





#13

Acetone

Concen: 35.157 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010249.D

Acq: 11 Apr 2019 17:31

Instrument :

MSVOA_V

ClientSampleId :

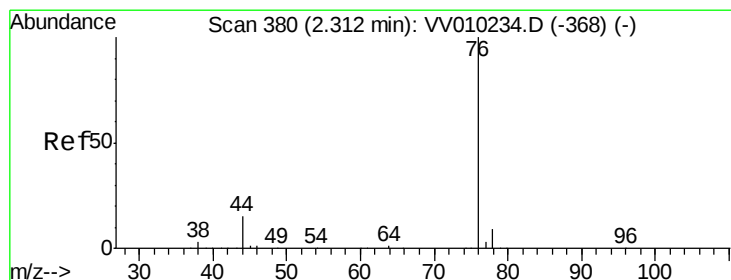
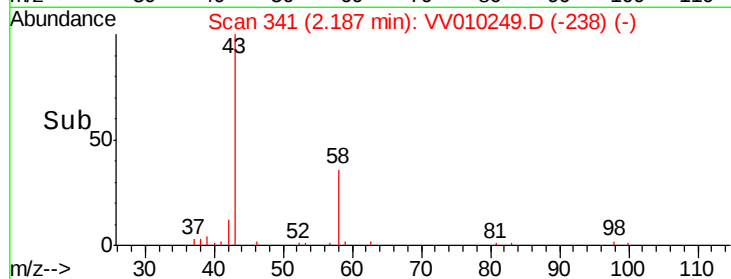
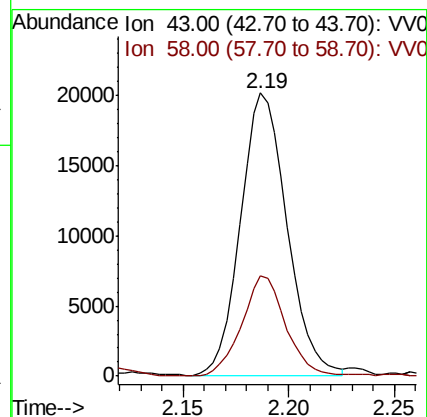
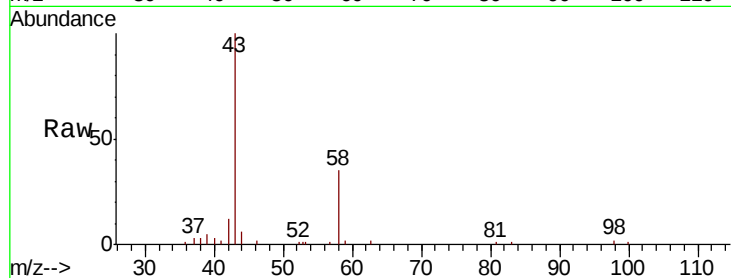
BFC20

Tgt Ion: 43 Resp: 30971

Ion Ratio Lower Upper

43 100

58 33.2 0.0 61.6



#14

Carbon disulfide

Concen: 0.611 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV010249.D

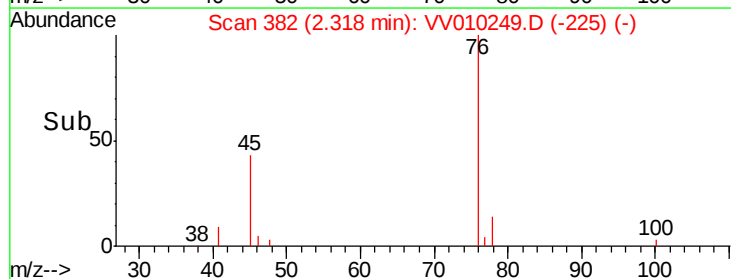
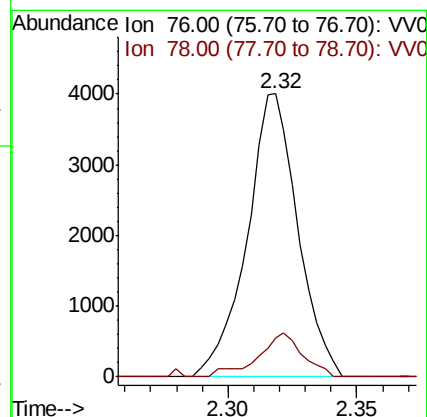
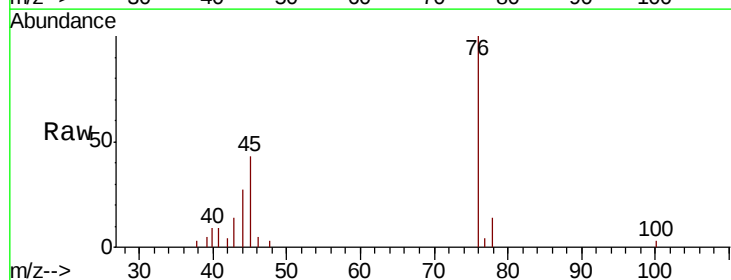
Acq: 11 Apr 2019 17:31

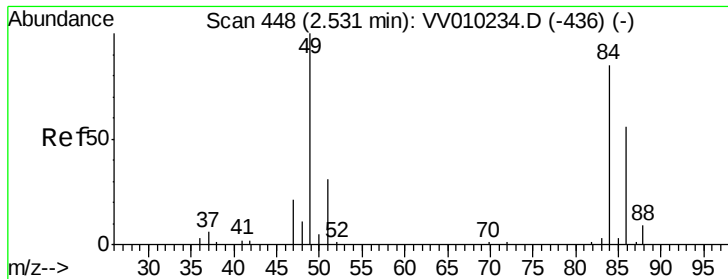
Tgt Ion: 76 Resp: 5511

Ion Ratio Lower Upper

76 100

78 13.7 7.0 10.4#

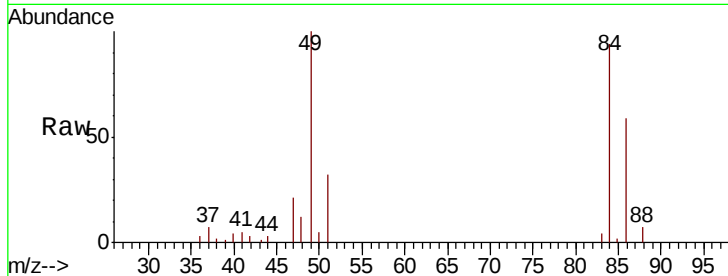




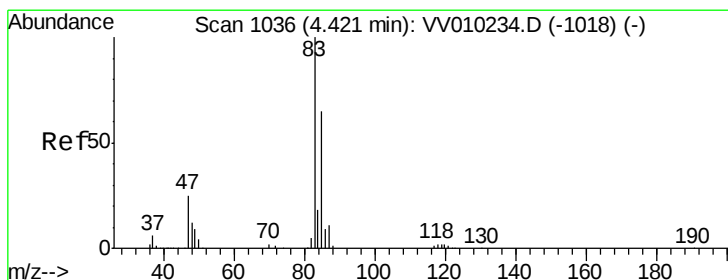
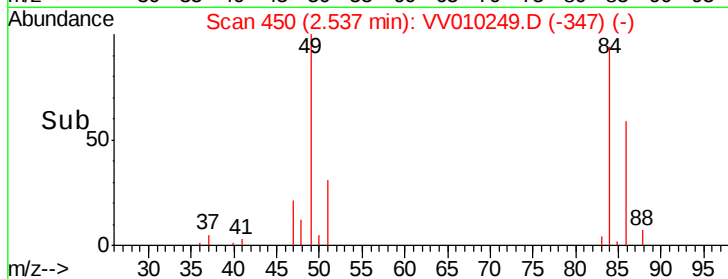
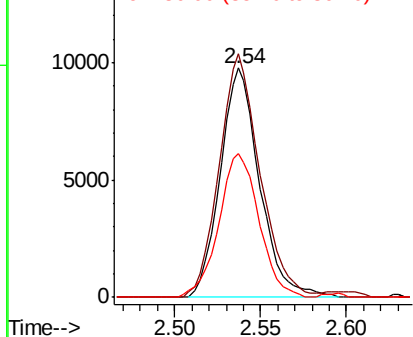
#16
Methylene chloride
Concen: 2.791 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010249.D
Acq: 11 Apr 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
BFC20

Tgt Ion: 84 Resp: 15469
Ion Ratio Lower Upper
84 100
49 106.2 79.9 148.5
86 62.9 44.5 82.7

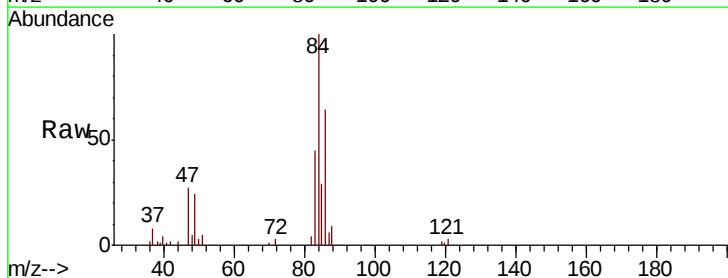


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

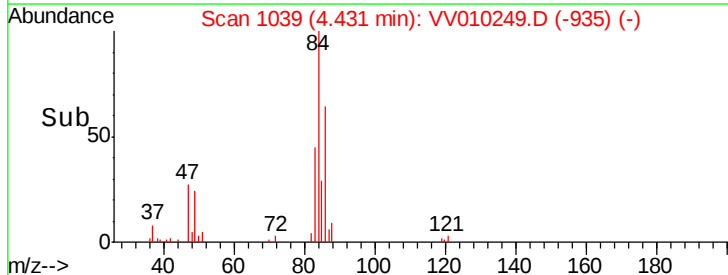
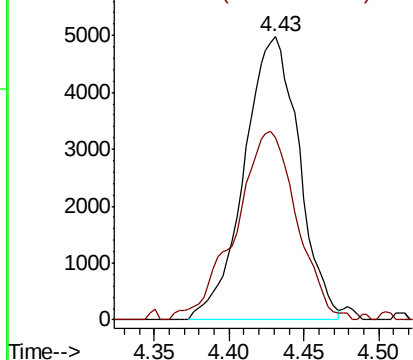


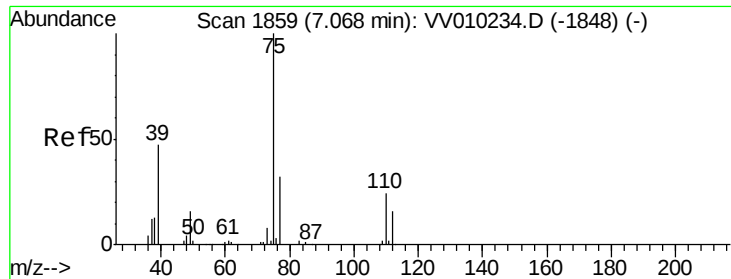
#25
Chloroform
Concen: 1.832 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010249.D
Acq: 11 Apr 2019 17:31

Tgt Ion: 83 Resp: 12698
Ion Ratio Lower Upper
83 100
85 74.1 45.4 84.2



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



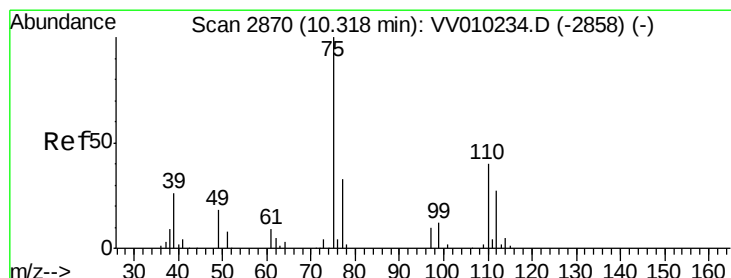
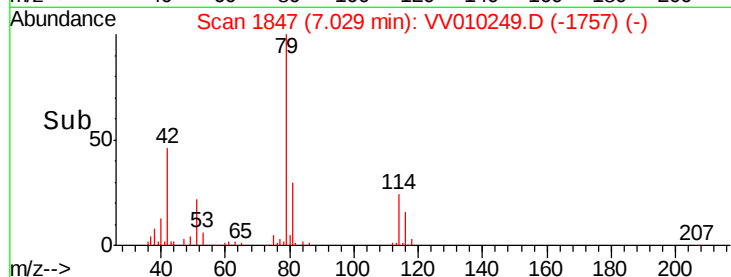
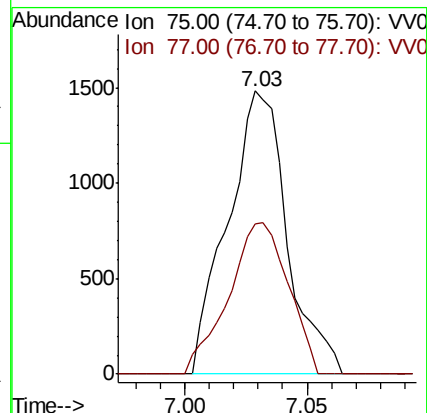
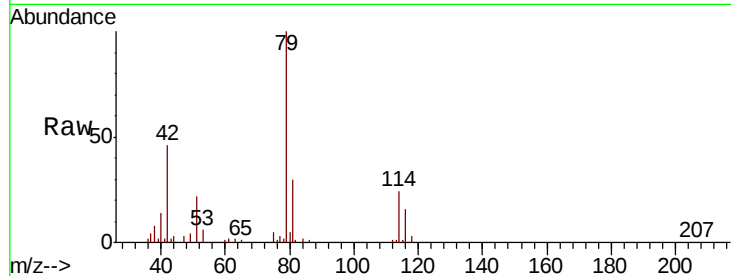


#42

cis-1,3-Dichloropropene
Concen: 0.539 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010249.D
Acq: 11 Apr 2019 17:31

Instrument :
MSVOA_V
ClientSampled :
BFC20

Tgt Ion: 75 Resp: 2500
Ion Ratio Lower Upper
75 100
77 53.0 21.9 40.7#



#59

1,2,3-Trichloropropane
Concen: 4.412 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010249.D
Acq: 11 Apr 2019 17:31

Tgt Ion: 75 Resp: 10420
Ion Ratio Lower Upper
75 100
77 36.4 26.9 40.3

