

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
 Data File : VV010033.D
 Acq On : 30 Mar 2019 21:07
 Operator : SY/MD
 Sample : K2119-01
 Misc : 5.30G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF598

Quant Time: Mar 30 23:36:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	107033	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41840	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43155	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	1.56	69	51659	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
10) 1,1-Dichloroethene-d2	2.12	63	95532	16.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	3.94	46	26433	65.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.62%
24) Chloroform-d	4.40	84	58155	21.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.32%
26) 1,2-Dichloroethane-d4	5.08	65	45541	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.00%
29) Benzene-d6	5.10	84	127781	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	6.12	67	42991	26.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.16%
37) Toluene-d8	7.36	98	105569	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.04%
38) trans-1,3-Dichloropropene-	7.67	79	13584	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	8.13	63	19815	64.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47125	28.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	38973	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

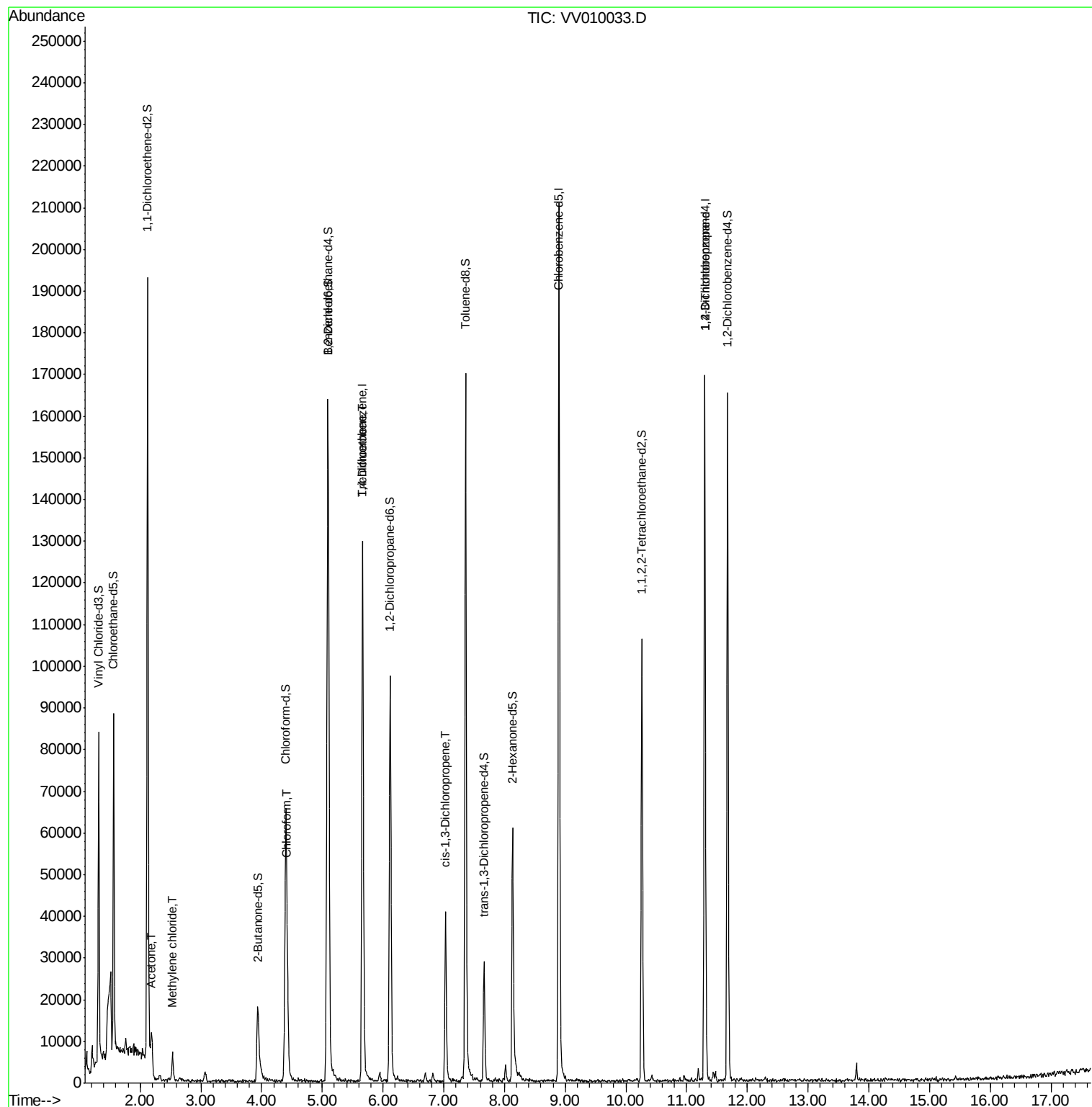
					Qvalue
13) Acetone	2.19	43	4401	7.182 ug/L	94
16) Methylene chloride	2.53	84	2664	1.511 ug/L	94
25) Chloroform	4.43	83	11258	3.970 ug/L	90
35) Trichloroethene	5.67	95	3477	2.234 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1231	0.573 ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	7078	5.966 ug/L	98

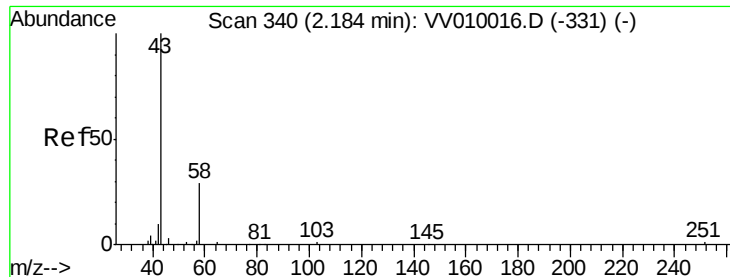
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.182 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010033.D

Acq: 30 Mar 2019 21:07

Instrument :

MSVOA_V

ClientSampleId :

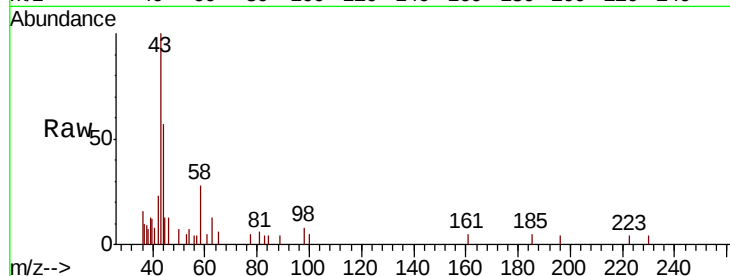
BF598

Tgt Ion: 43 Resp: 4401

Ion Ratio Lower Upper

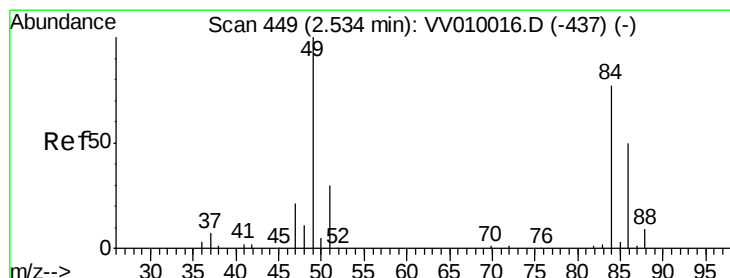
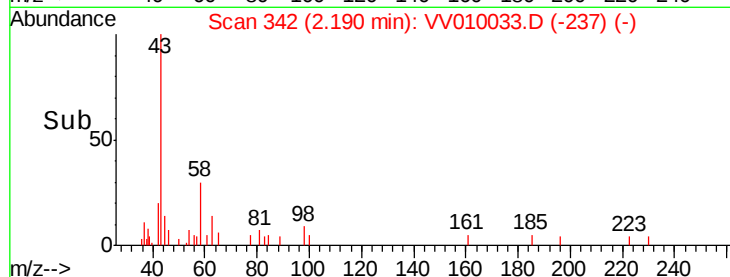
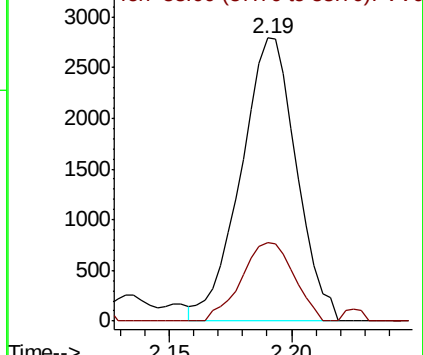
43 100

58 26.3 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.511 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010033.D

Acq: 30 Mar 2019 21:07

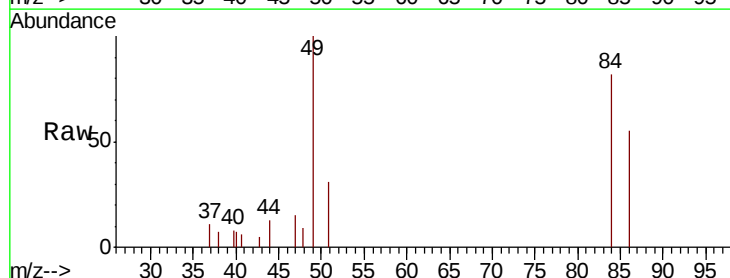
Tgt Ion: 84 Resp: 2664

Ion Ratio Lower Upper

84 100

49 121.7 90.4 167.8

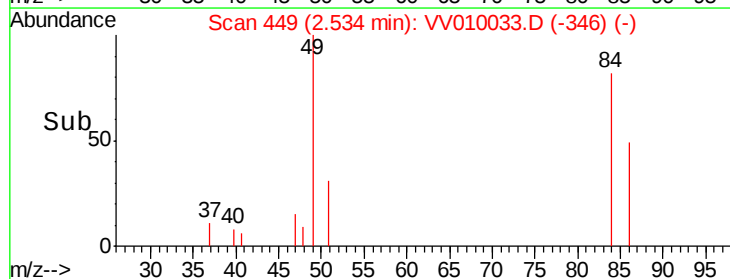
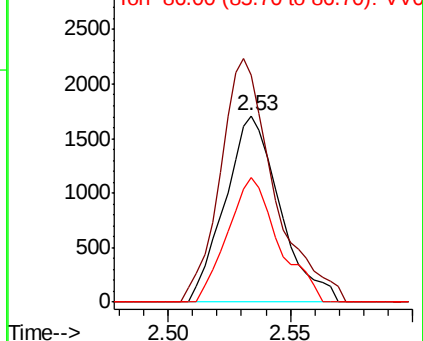
86 66.9 44.0 81.6

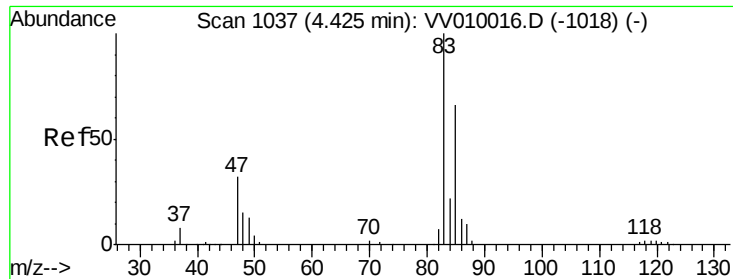


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

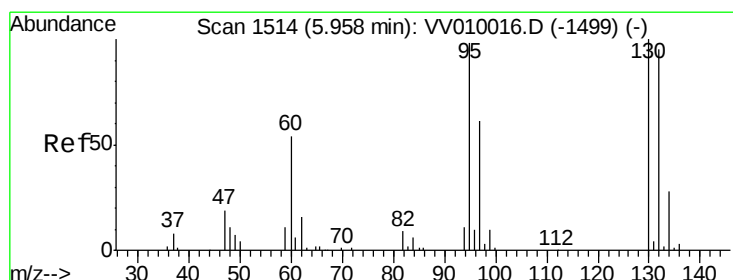
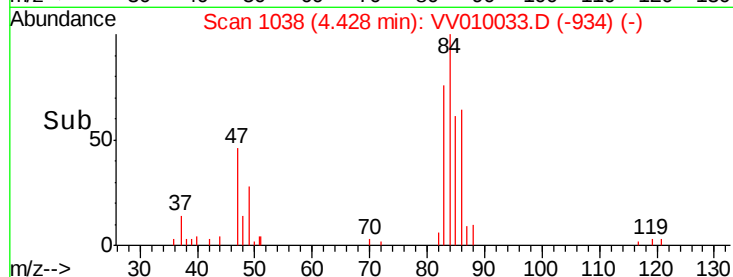
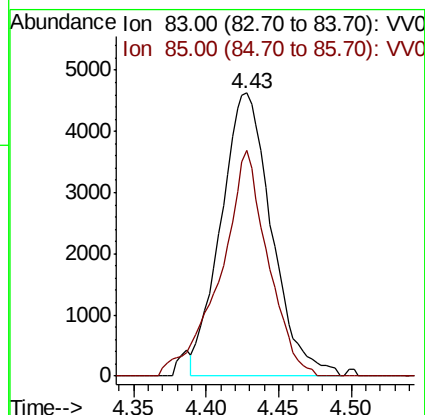
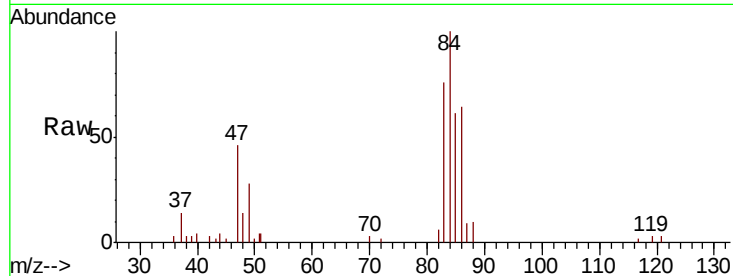




#25
Chloroform
Concen: 3.970 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010033.D
Acq: 30 Mar 2019 21:07

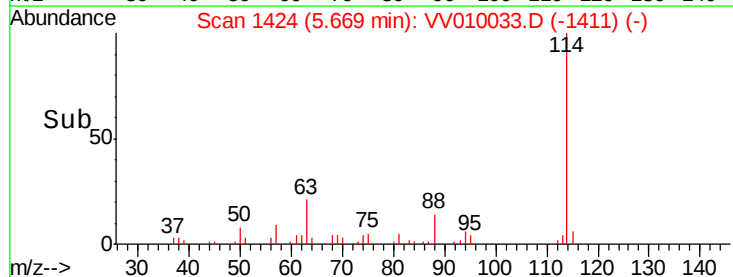
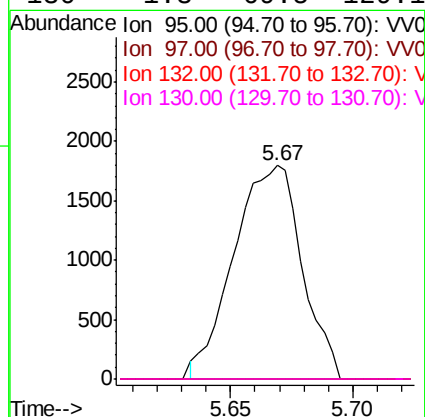
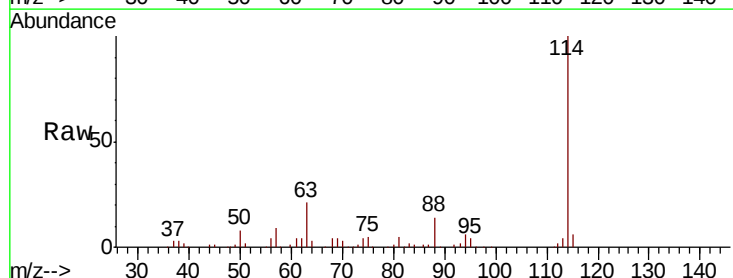
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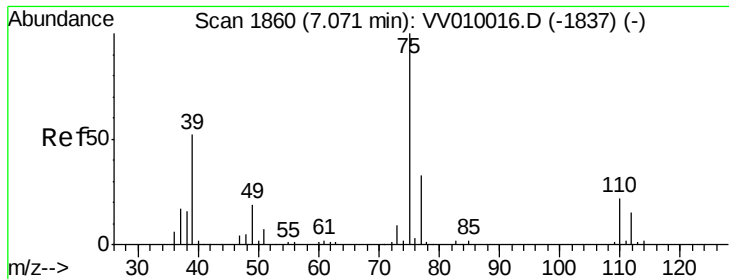
Tgt Ion: 83 Resp: 11258
Ion Ratio Lower Upper
83 100
85 74.1 46.1 85.7



#35
Trichloroethene
Concen: 2.234 ug/L
RT: 5.67 min Scan# 1424
Delta R.T. -0.29 min
Lab File: VV010033.D
Acq: 30 Mar 2019 21:07

Tgt Ion: 95 Resp: 3477
Ion Ratio Lower Upper
95 100
97 0.0 46.3 85.9#
132 0.0 69.3 128.7#
130 1.3 69.5 129.1#



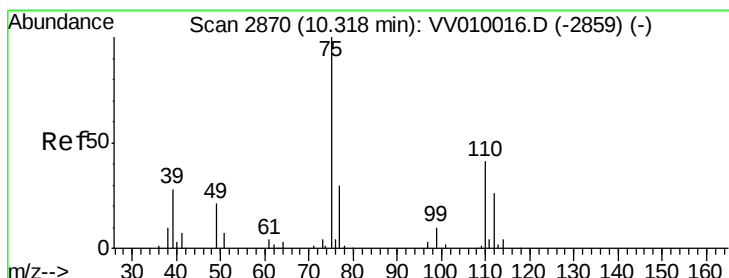
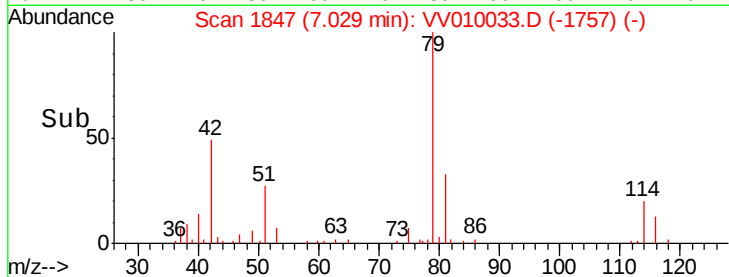
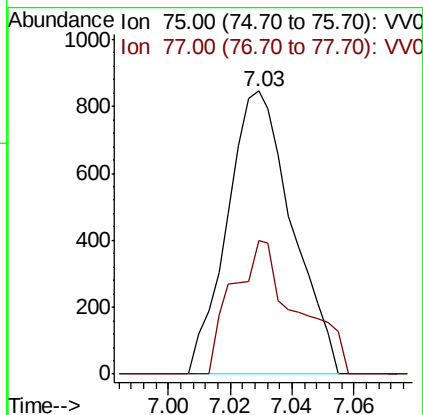
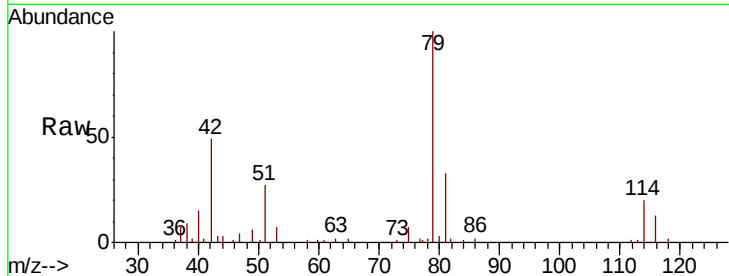


#42

cis-1,3-Dichloropropene
Concen: 0.573 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010033.D
Acq: 30 Mar 2019 21:07

Instrument :
MSVOA_V
ClientSampled :
BF598

Tgt Ion: 75 Resp: 1231
Ion Ratio Lower Upper
75 100
77 47.3 21.8 40.6#



#59

1,2,3-Trichloropropane
Concen: 5.966 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010033.D
Acq: 30 Mar 2019 21:07

Tgt Ion: 75 Resp: 7078
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2

