

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010163.D
 Acq On : 06 Apr 2019 19:31
 Operator : SY/MD
 Sample : K2168-12
 Misc : 5.96G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF637

Quant Time: Apr 07 00:54:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198404	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199243	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95607	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42974	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.72%
7) Chloroethane-d5	1.58	69	44182	13.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.56%
10) 1,1-Dichloroethene-d2	2.13	63	90702	13.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.16%
20) 2-Butanone-d5	3.94	46	38446	50.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.74%
24) Chloroform-d	4.40	84	112039	22.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	5.08	65	69331	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.16%
29) Benzene-d6	5.10	84	224331	21.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.84%
33) 1,2-Dichloropropane-d6	6.12	67	71904	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	7.36	98	214026	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.00%
38) trans-1,3-Dichloropropene-	7.66	79	27065	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.04%
39) 2-Hexanone-d5	8.13	63	30082	49.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68721	22.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	90048	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

Target Compounds

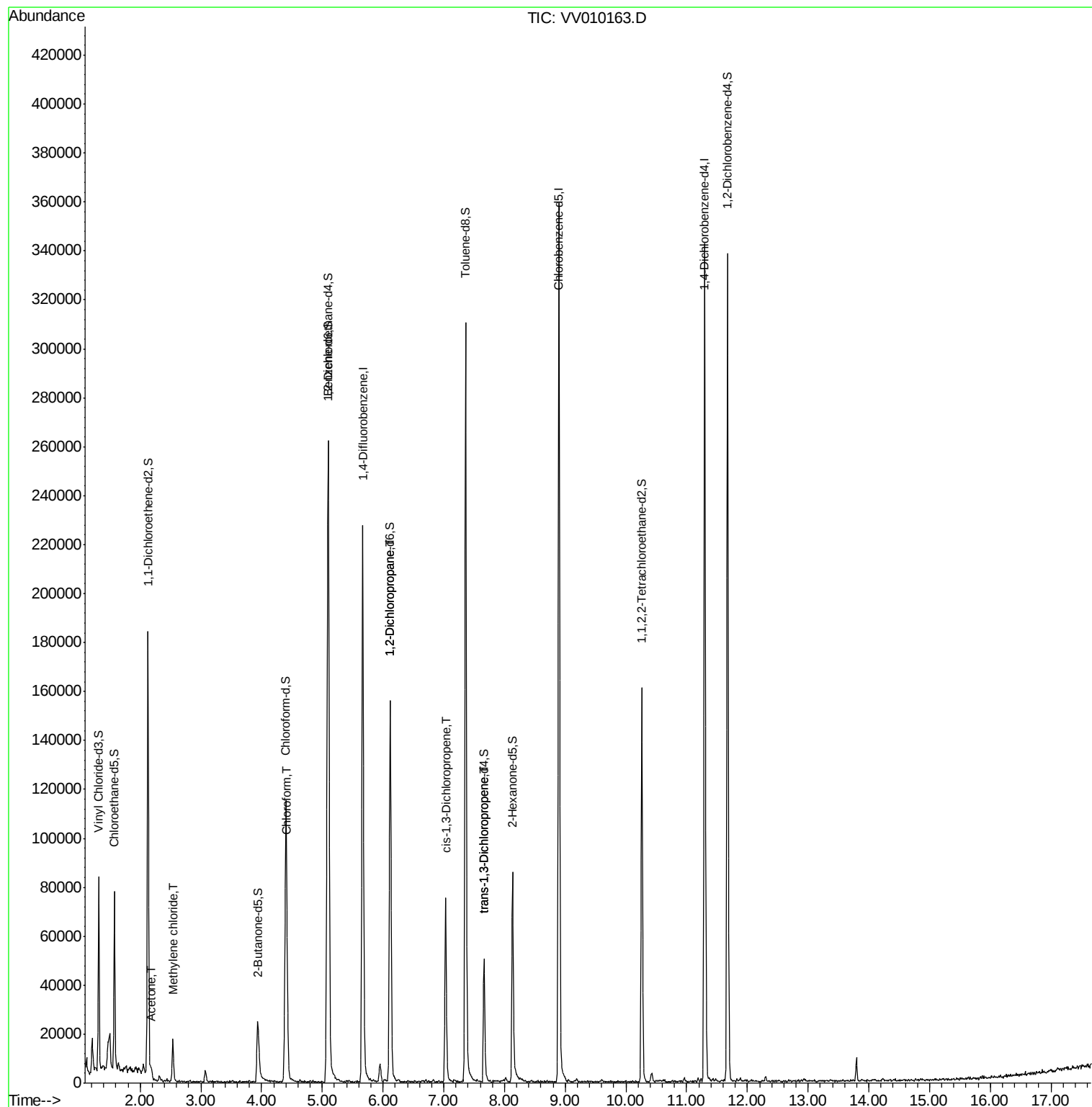
					Qvalue
13) Acetone	2.19	43	2045	2.737 ug/L	67
16) Methylene chloride	2.54	84	6944	1.992 ug/L	90
25) Chloroform	4.42	83	3012	0.668 ug/L	83
40) 1,2-Dichloropropane	6.12	63	9023	3.665 ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	2436	0.684 ug/L	95
45) trans-1,3-Dichloropropene	7.66	75	1750	0.577 ug/L	95

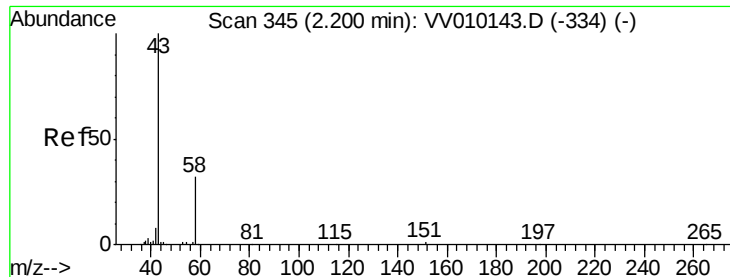
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration

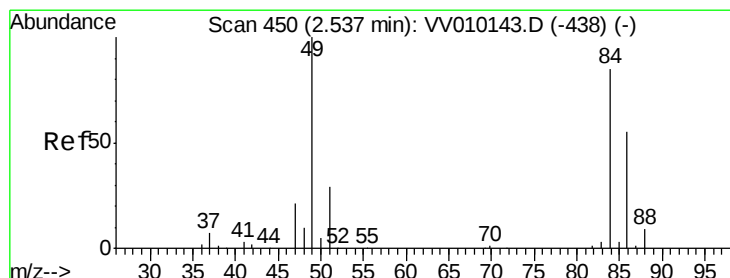
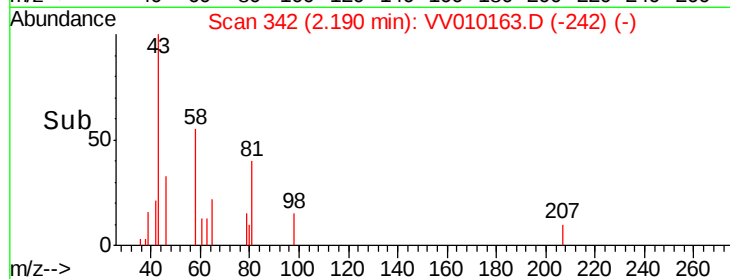
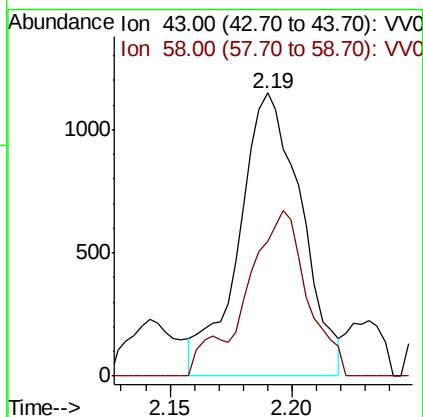
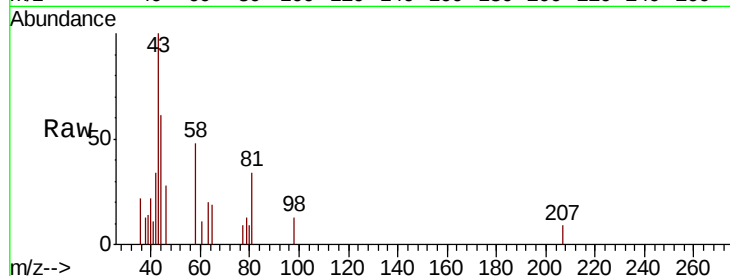




#13
Acetone
Concen: 2.737 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010163.D
Acq: 06 Apr 2019 19:31

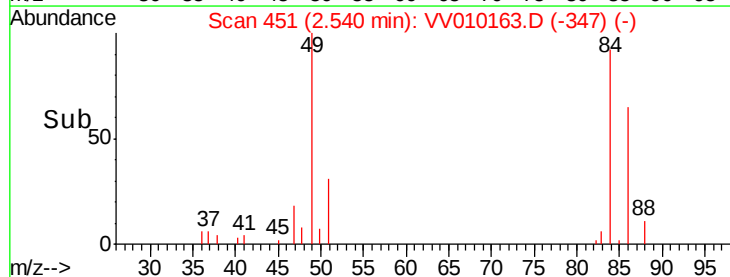
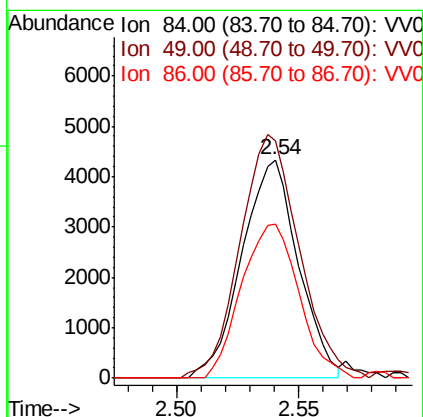
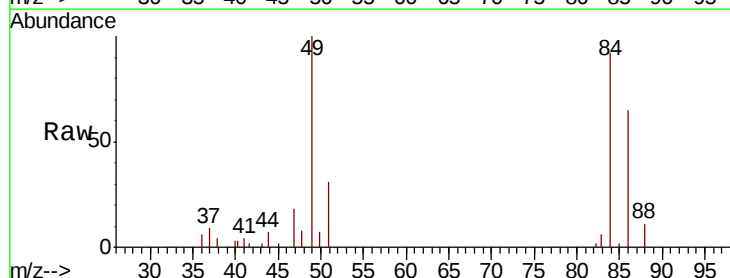
Instrument :
MSVOA_V
ClientSampled :
BF637

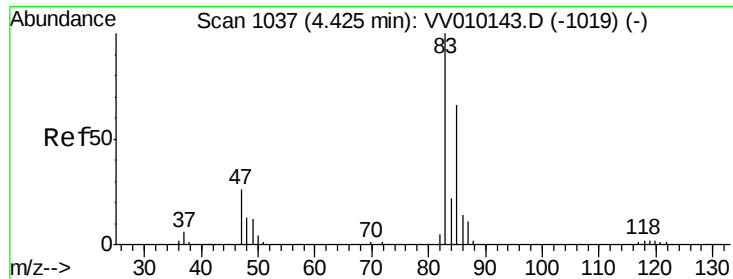
Tgt Ion: 43 Resp: 2045
Ion Ratio Lower Upper
43 100
58 50.8 0.0 64.6



#16
Methylene chloride
Concen: 1.992 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV010163.D
Acq: 06 Apr 2019 19:31

Tgt Ion: 84 Resp: 6944
Ion Ratio Lower Upper
84 100
49 108.6 84.3 156.5
86 70.7 45.4 84.2

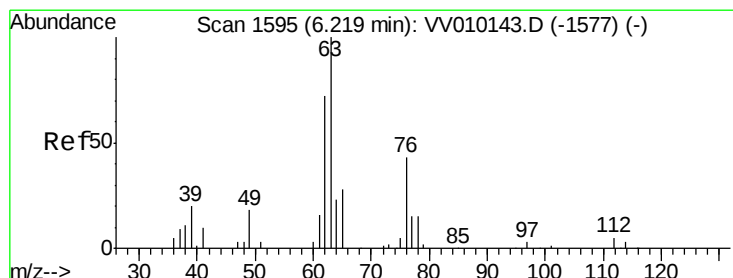
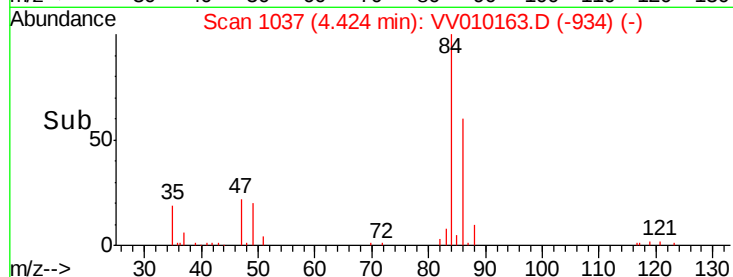
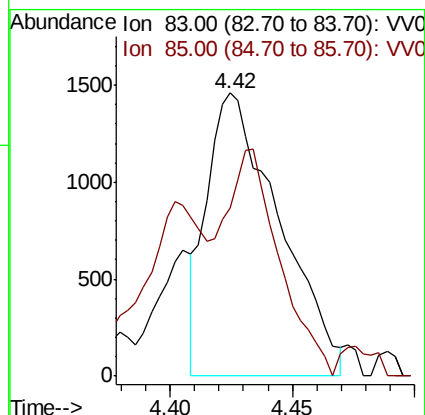
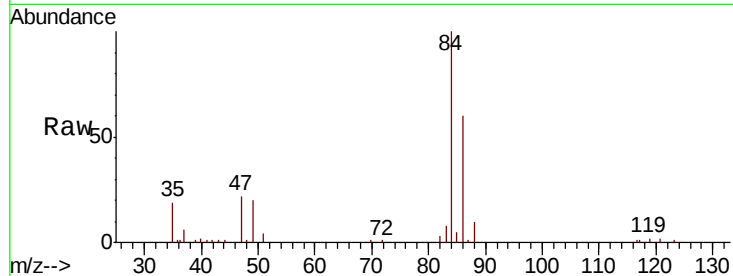




#25
 Chloroform
 Concen: 0.668 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VV010163.D
 Acq: 06 Apr 2019 19:31

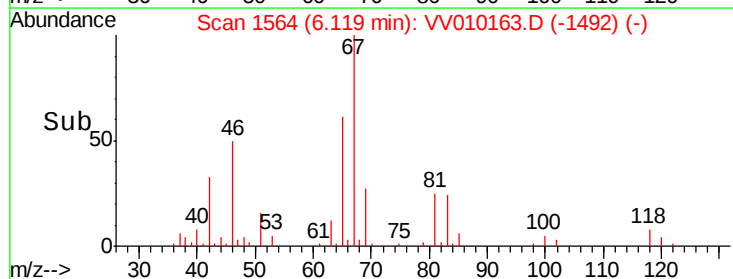
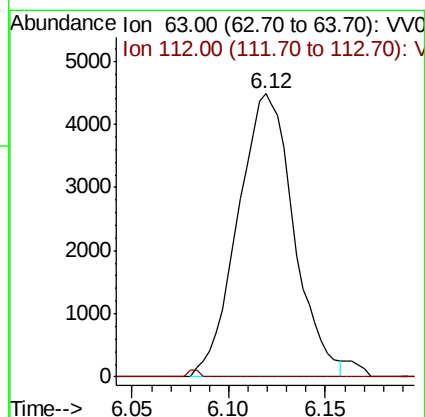
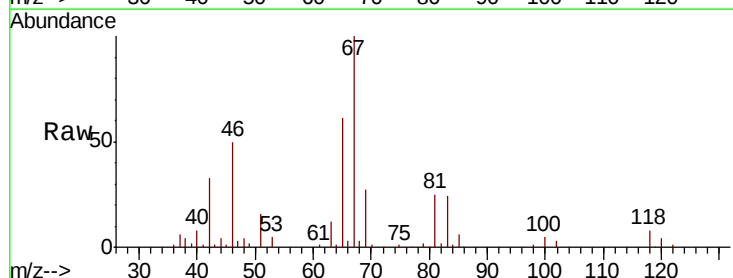
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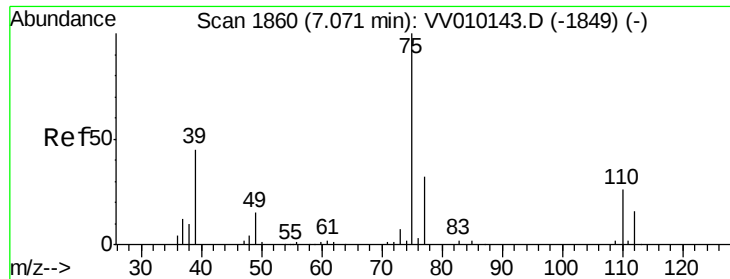
Tgt Ion: 83 Resp: 3012
 Ion Ratio Lower Upper
 83 100
 85 53.1 46.4 86.2



#40
 1,2-Dichloropropane
 Concen: 3.665 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010163.D
 Acq: 06 Apr 2019 19:31

Tgt Ion: 63 Resp: 9023
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



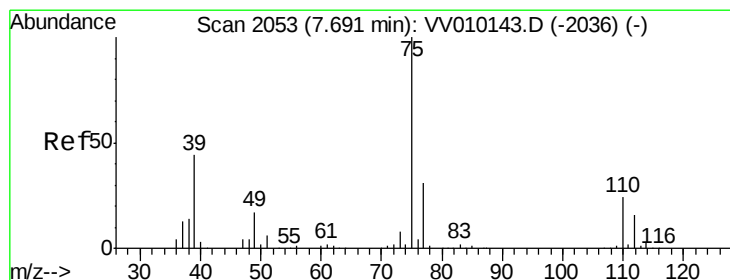
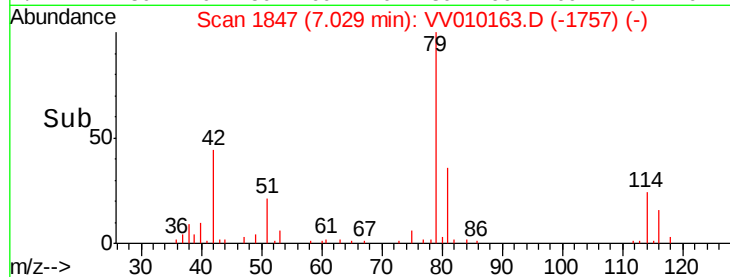
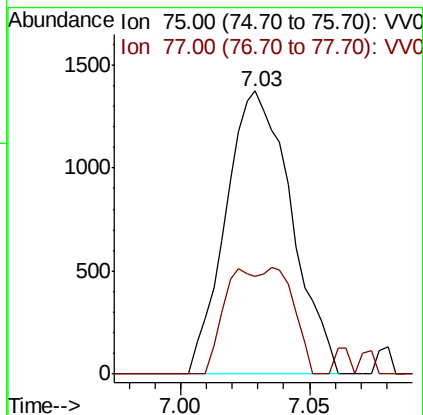
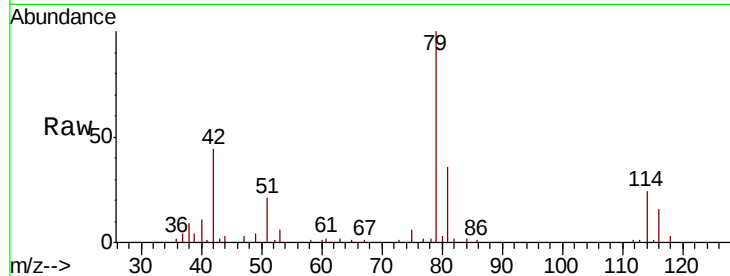


#42

cis-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010163.D
Acq: 06 Apr 2019 19:31

Instrument :
MSVOA_V
ClientSampleId :
BF637

Tgt Ion: 75 Resp: 2436
Ion Ratio Lower Upper
75 100
77 34.5 22.1 41.1



#45

trans-1,3-Dichloropropene
Concen: 0.577 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV010163.D
Acq: 06 Apr 2019 19:31

Tgt Ion: 75 Resp: 1750
Ion Ratio Lower Upper
75 100
77 36.2 23.5 43.7

