

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010189.D
 Acq On : 08 Apr 2019 22:24
 Operator : SY/MD
 Sample : VV0408SBL02
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Quant Time: Apr 09 07:38:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222042	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	197704	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87637	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	67214	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
7) Chloroethane-d5	1.56	69	77493	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
10) 1,1-Dichloroethene-d2	2.11	63	126804	16.91	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.64%
20) 2-Butanone-d5	3.94	46	57636	68.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.28%#
24) Chloroform-d	4.39	84	118513	21.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.76%
26) 1,2-Dichloroethane-d4	5.08	65	72180	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.24%
29) Benzene-d6	5.09	84	247122	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	6.12	67	70001	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.52%
37) Toluene-d8	7.36	98	233091	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.40%
38) trans-1,3-Dichloropropene-	7.66	79	27361	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.60%
39) 2-Hexanone-d5	8.14	63	37689	62.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72255	24.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	78830	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

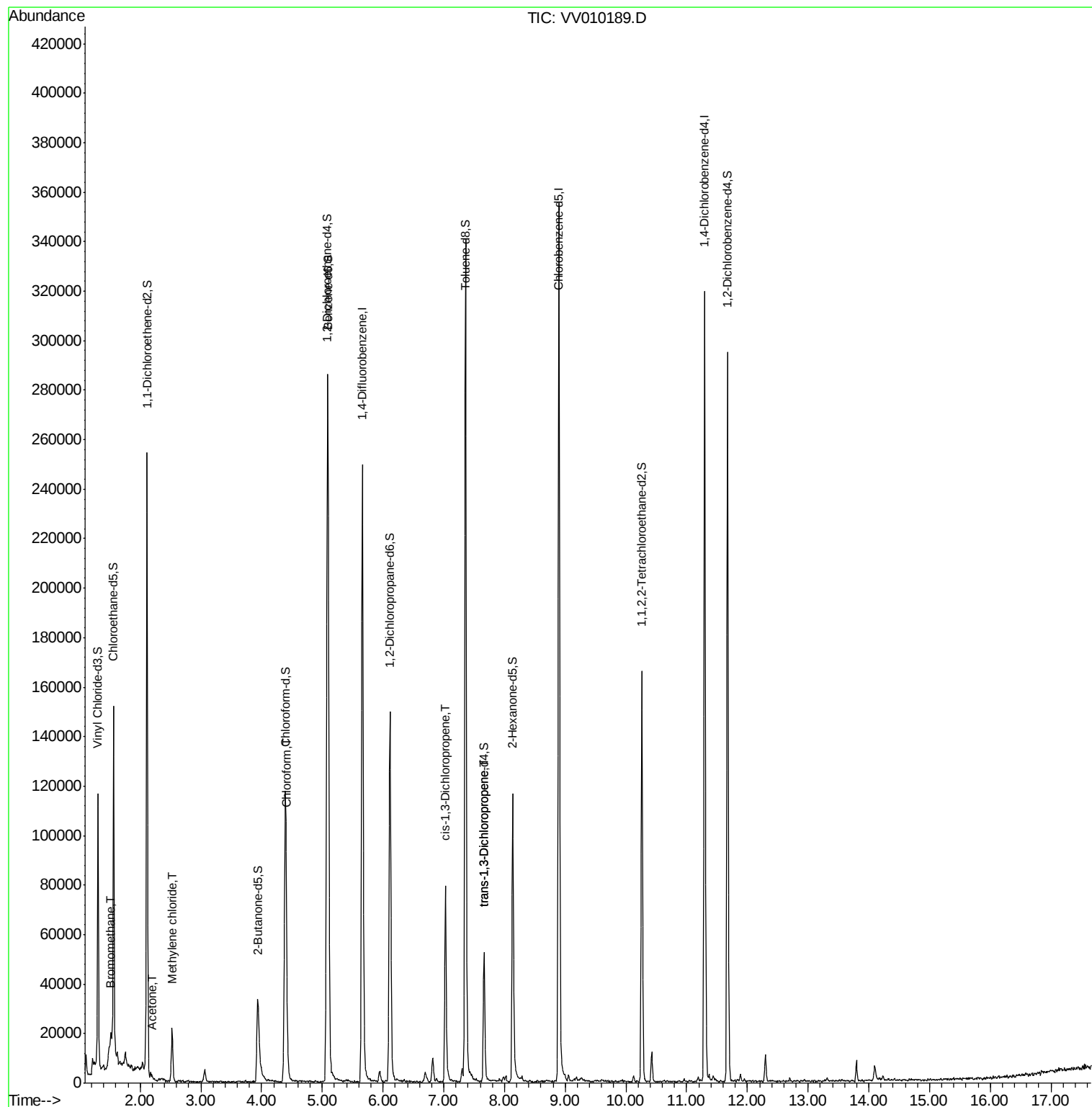
					Ovalue
6) Bromomethane	1.52	94	1198	0.340 ug/L	99
13) Acetone	2.19	43	1905	2.278 ug/L	58
16) Methylene chloride	2.53	84	9183	2.354 ug/L	89
25) Chloroform	4.42	83	5478	1.085 ug/L #	70
42) cis-1,3-Dichloropropene	7.03	75	2332	0.659 ug/L #	47
45) trans-1,3-Dichloropropene	7.67	75	1657	0.551 ug/L	96

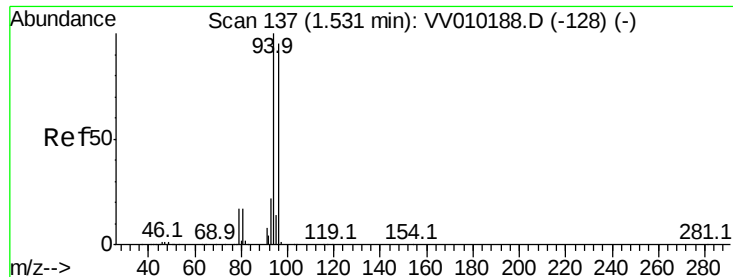
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.340 ug/L

RT: 1.52 min Scan# 134

Delta R.T. -0.01 min

Lab File: VV010189.D

Acq: 08 Apr 2019 22:24

Instrument :

MSVOA_V

ClientSampled :

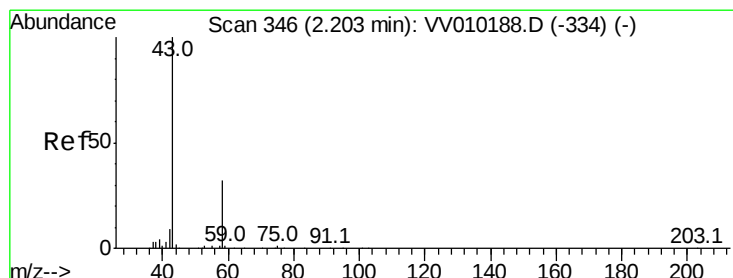
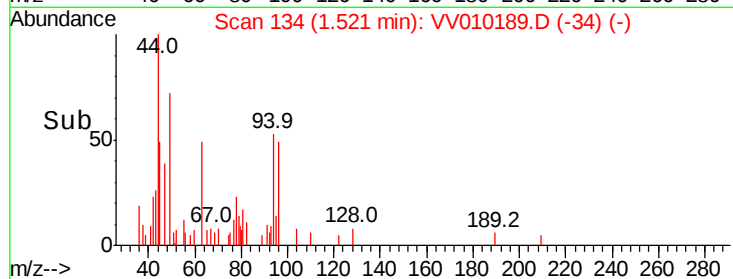
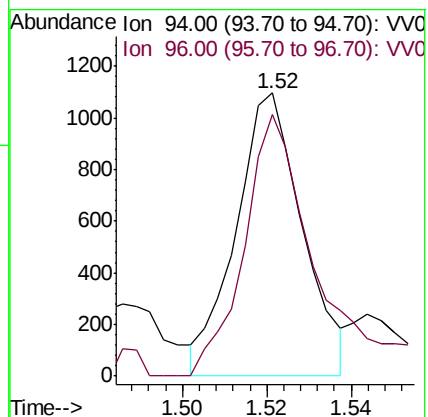
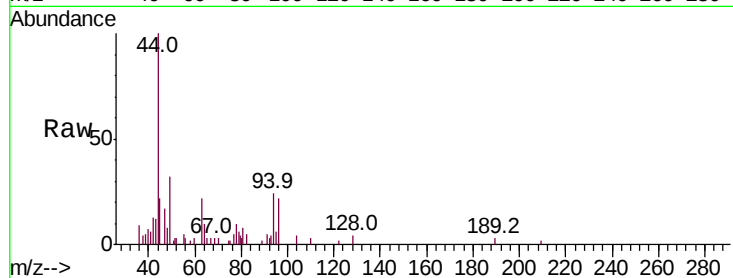
VBLK64

Tot Ion: 94 Resp: 1198

Ion Ratio Lower Upper

94 100

96 94.9 9.4 177.8



#13

Acetone

Concen: 2.278 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010189.D

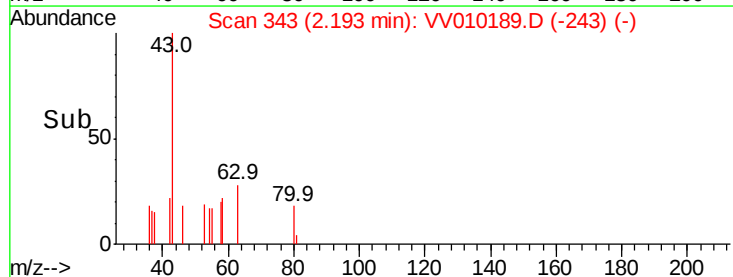
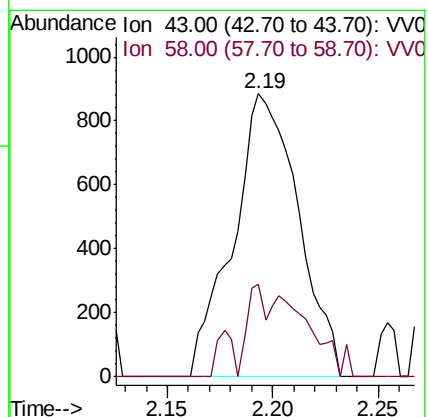
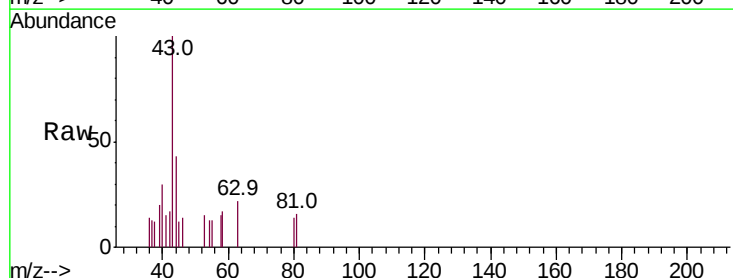
Acq: 08 Apr 2019 22:24

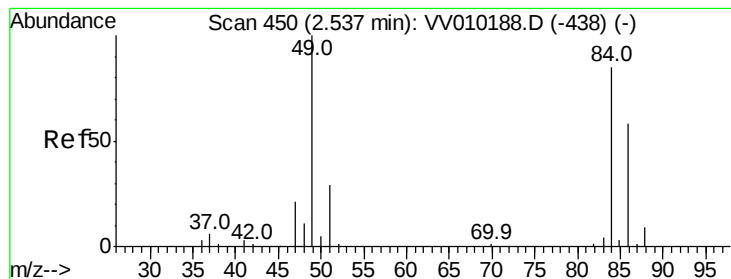
Tgt Ion: 43 Resp: 1905

Ion Ratio Lower Upper

43 100

58 8.9 0.0 64.6





#16

Methvlene chloride

Concen: 2.354 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010189.D

Acq: 08 Apr 2019 22:24

Instrument :

MSVOA_V

ClientSampleId :

VBLK64

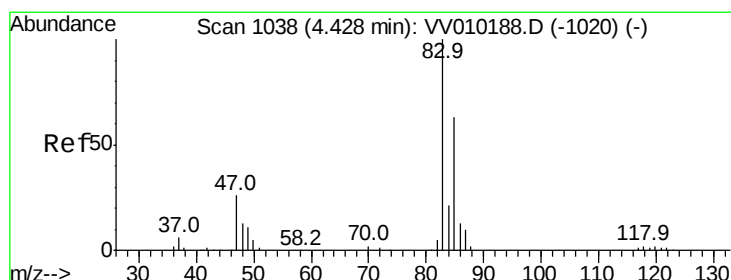
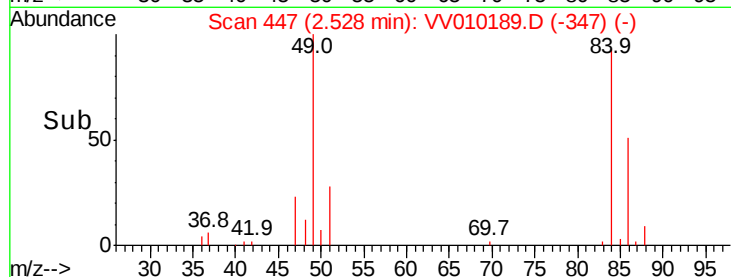
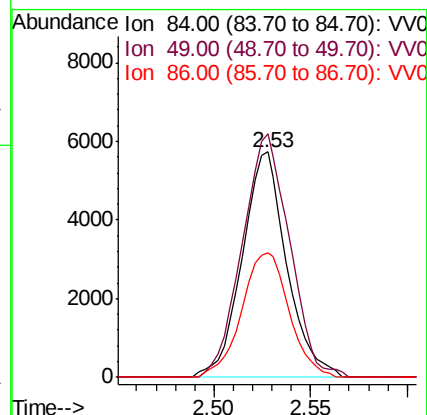
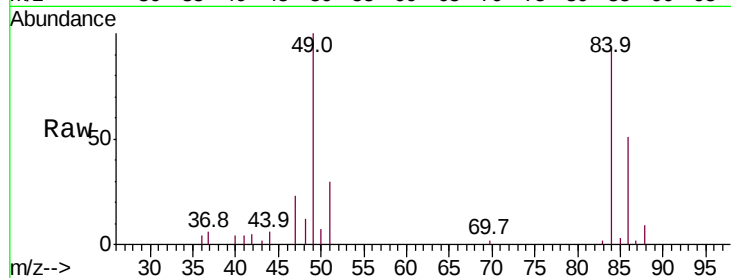
Tot Ion: 84 Resp: 9183

Ion Ratio Lower Upper

84 100

49 108.0 84.3 156.5

86 55.5 45.4 84.2



#25

Chloroform

Concen: 1.085 ug/L

RT: 4.42 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VV010189.D

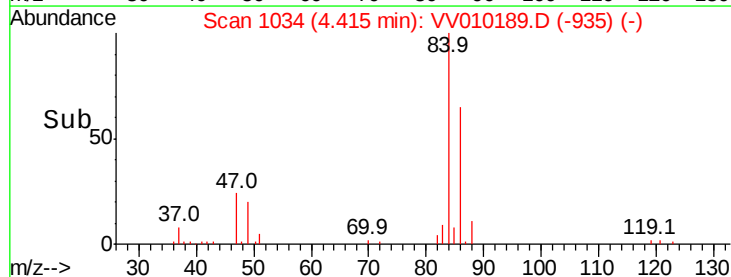
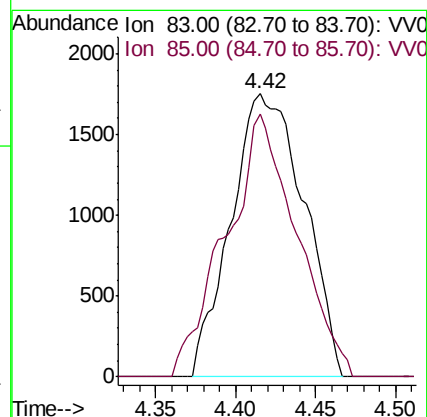
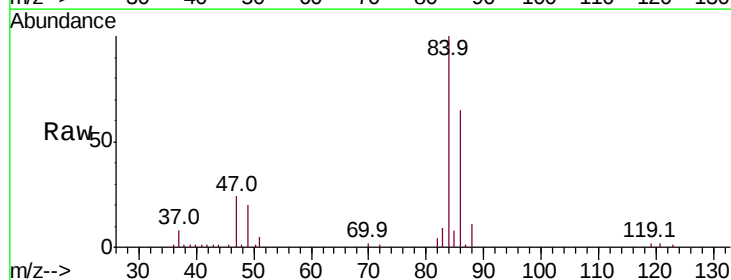
Acq: 08 Apr 2019 22:24

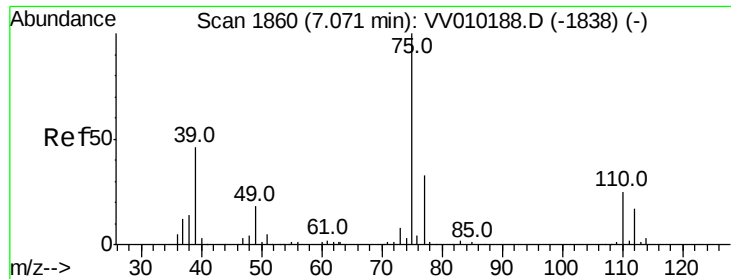
Tgt Ion: 83 Resp: 5478

Ion Ratio Lower Upper

83 100

85 90.3 46.4 86.2#



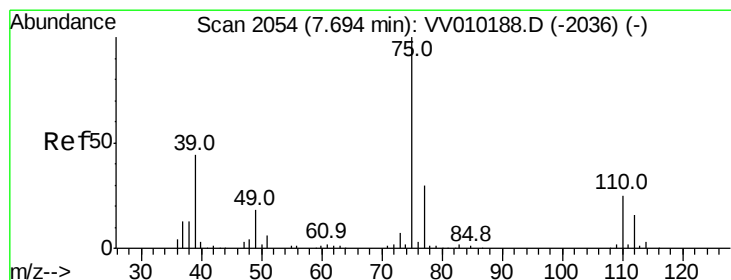
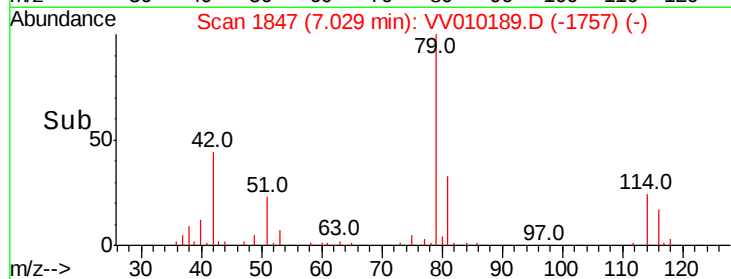
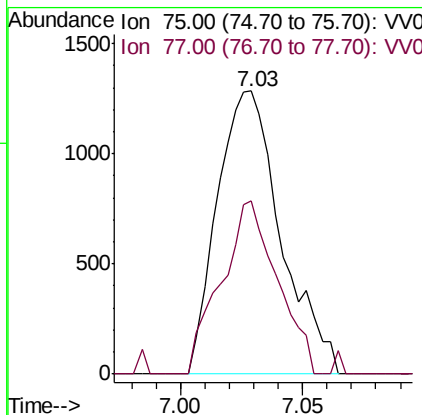
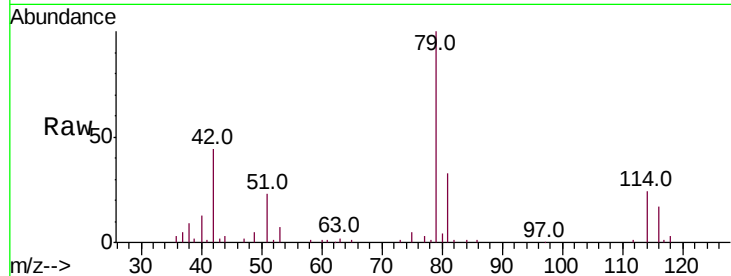


#42

cis-1,3-Dichloropropene
Concen: 0.659 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010189.D
Acq: 08 Apr 2019 22:24

Instrument :
MSVOA_V
ClientSampled :
VBLK64

Tot Ion: 75 Resp: 2332
Ion Ratio Lower Upper
75 100
77 61.1 22.1 41.1#



#45

trans-1,3-Dichloropropene
Concen: 0.551 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010189.D
Acq: 08 Apr 2019 22:24

Tgt Ion: 75 Resp: 1657
Ion Ratio Lower Upper
75 100
77 35.9 23.5 43.7

