

Data File : VV010435.D
Acq On : 23 Apr 2019 04:07
Operator : SY/MD
Sample : K2456-18
Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN8

Quant Time: Apr 23 07:59:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	395968	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	376593	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	162440	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	75041	13.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.04%
7) Chloroethane-d5	1.56	69	71937	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.80%
10) 1,1-Dichloroethene-d2	2.11	63	120684	11.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.40%
20) 2-Butanone-d5	3.92	46	69599	54.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.12%
24) Chloroform-d	4.39	84	201211	20.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.16%
26) 1,2-Dichloroethane-d4	5.07	65	142028	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	5.09	84	384548	22.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.48%
33) 1,2-Dichloropropane-d6	6.11	67	124014	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.72%
37) Toluene-d8	7.35	98	352487	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.72%
38) trans-1,3-Dichloropropene-	7.66	79	49859	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.96%
39) 2-Hexanone-d5	8.13	63	45693	44.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	112776	22.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	136922	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

Target Compounds

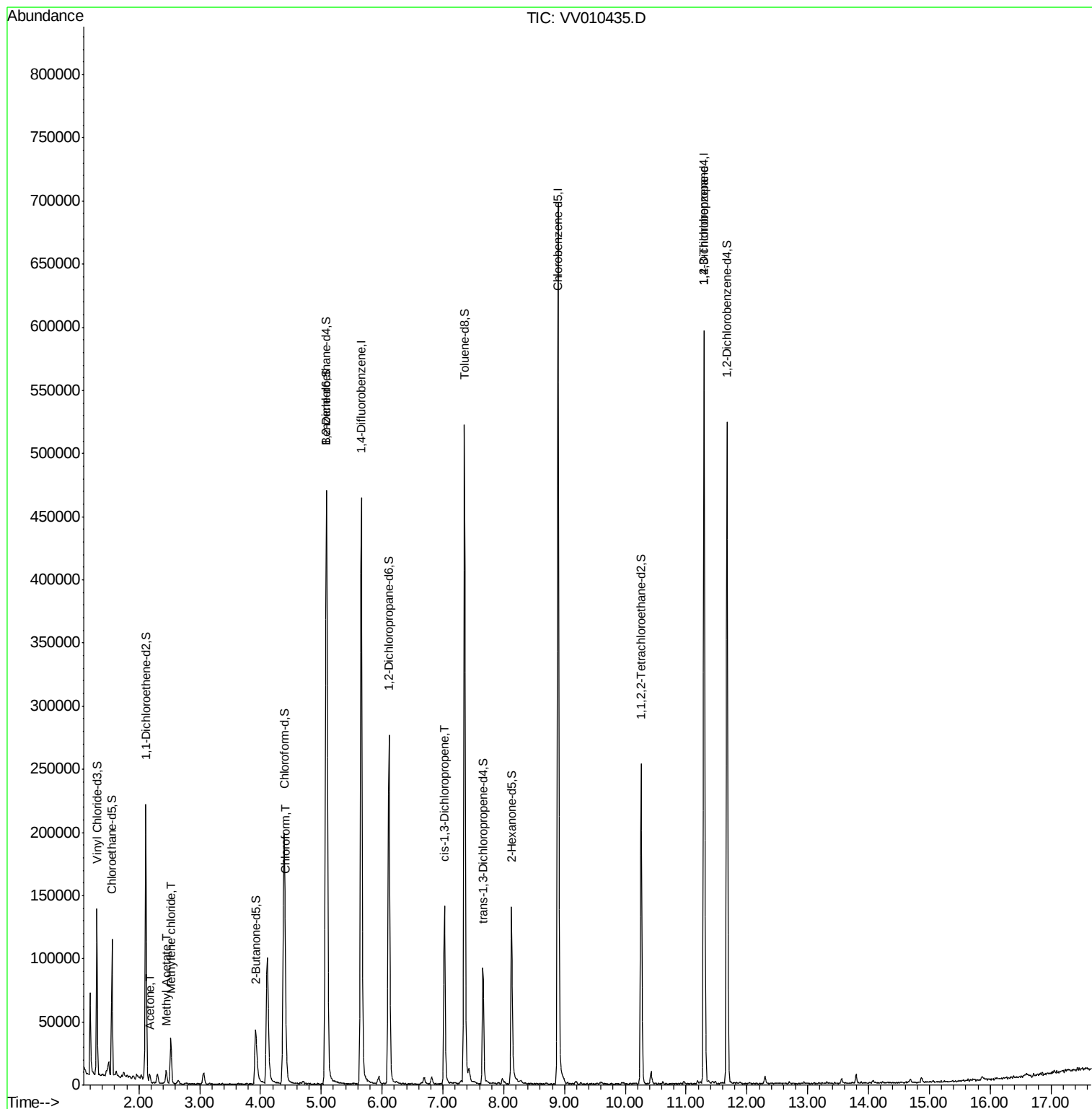
					Qvalue
13) Acetone	2.18	43	4568	3.341 ug/L	97
15) Methyl Acetate	2.45	43	10827	5.320 ug/L	96
16) Methylene chloride	2.52	84	14449	2.488 ug/L	94
25) Chloroform	4.42	83	15669	1.655 ug/L	80
42) cis-1,3-Dichloropropene	7.02	75	4481	0.662 ug/L	85
59) 1,2,3-Trichloropropane	11.29	75	18512	5.249 ug/L	93

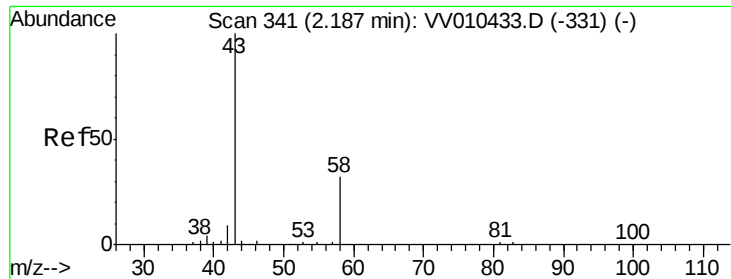
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.341 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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Acq: 23 Apr 2019 04:07

Instrument :

MSVOA_V

ClientSampleId :

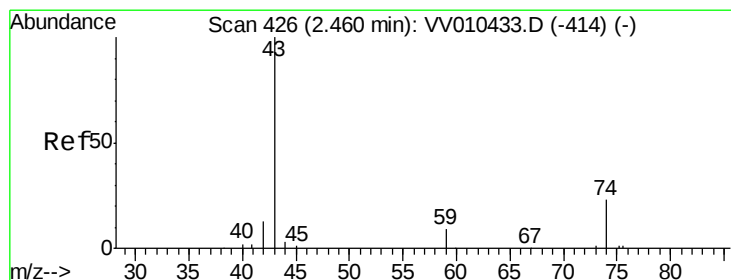
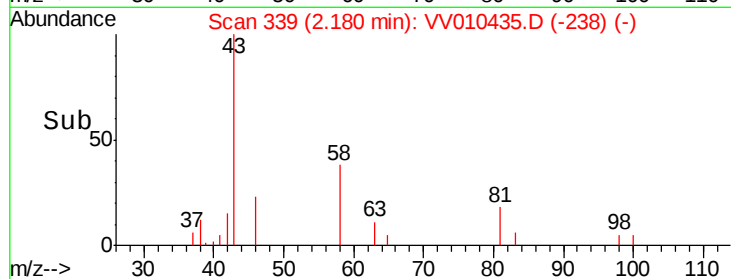
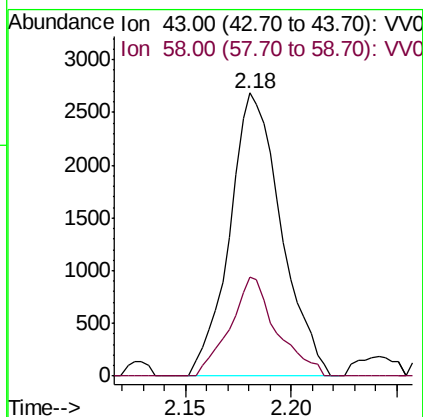
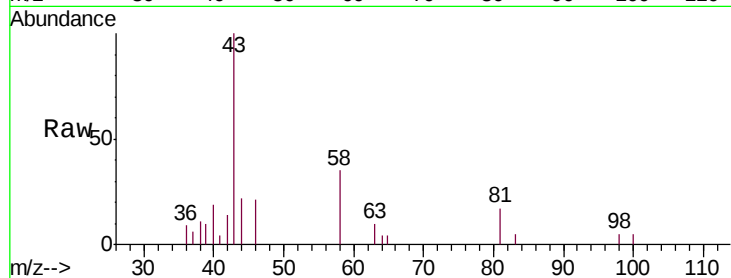
GAHN8

Tgt Ion: 43 Resp: 4568

Ion Ratio Lower Upper

43 100

58 31.6 0.0 66.4



#15

Methyl Acetate

Concen: 5.320 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VV010435.D

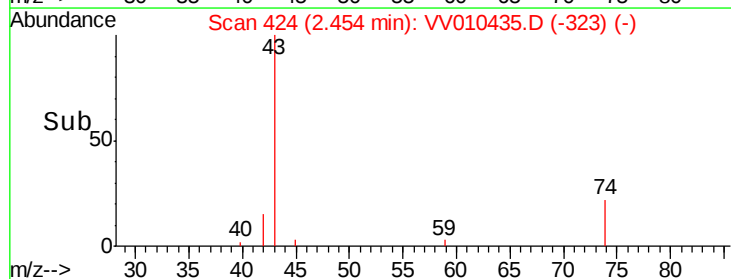
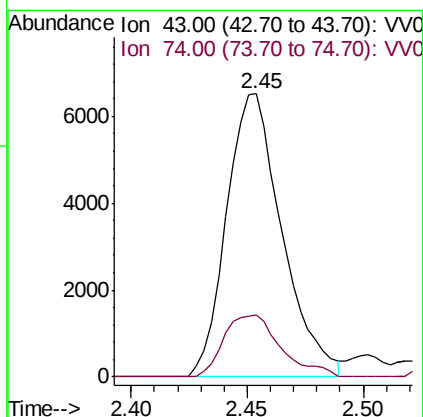
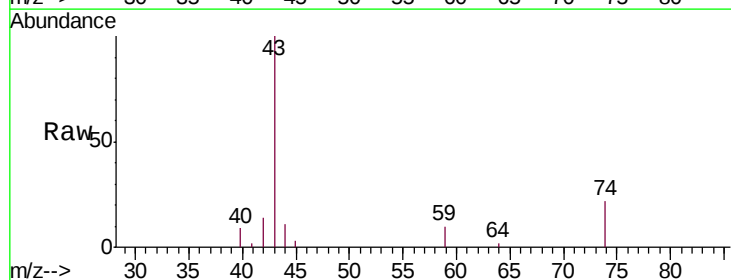
Acq: 23 Apr 2019 04:07

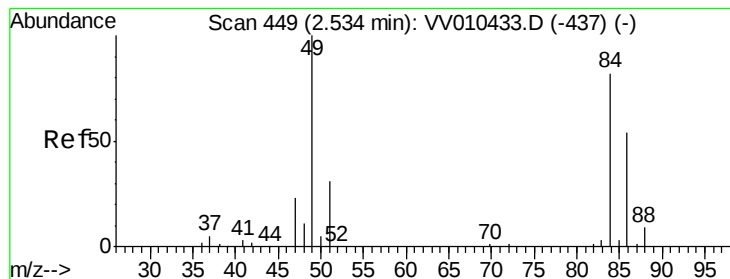
Tgt Ion: 43 Resp: 10827

Ion Ratio Lower Upper

43 100

74 22.5 19.8 29.6





#16

Methylene chloride

Concen: 2.488 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

Lab File: VV010435.D

Acq: 23 Apr 2019 04:07

Instrument :

MSVOA_V

ClientSampleId :

GAHN8

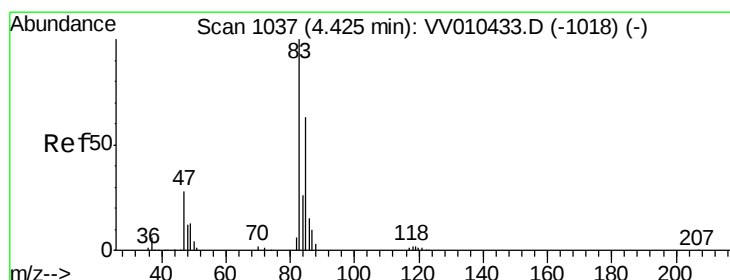
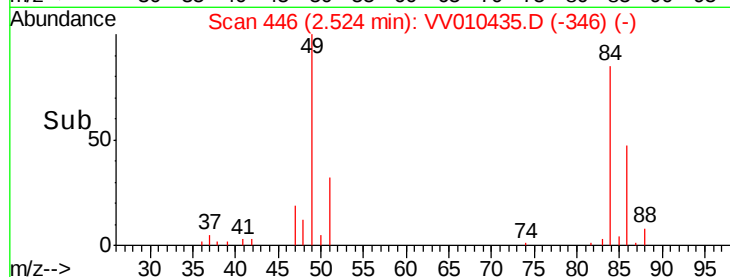
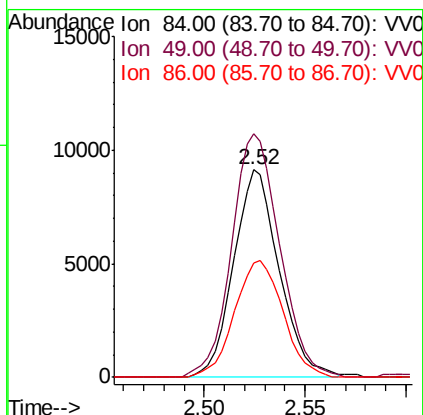
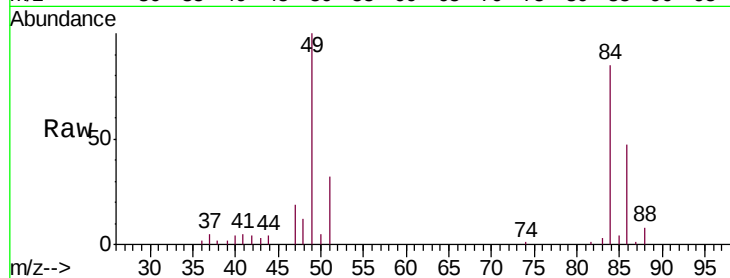
Tgt Ion: 84 Resp: 14449

Ion Ratio Lower Upper

84 100

49 117.5 85.0 158.0

86 55.1 43.9 81.5



#25

Chloroform

Concen: 1.655 ug/L

RT: 4.42 min Scan# 1034

Delta R.T. -0.01 min

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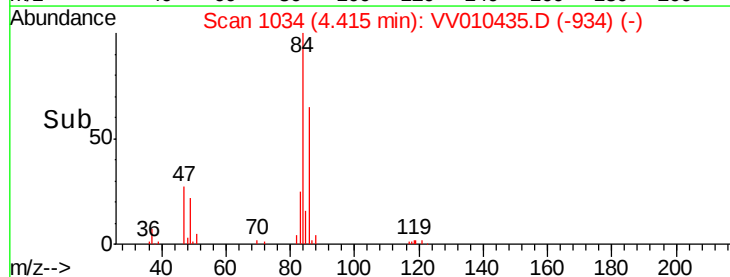
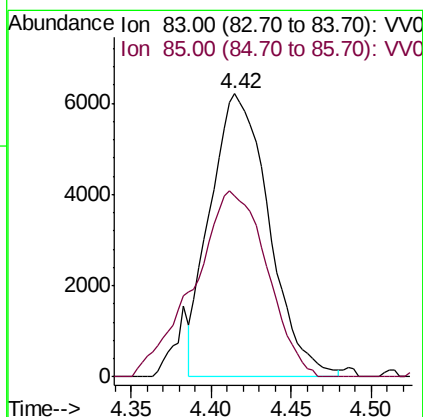
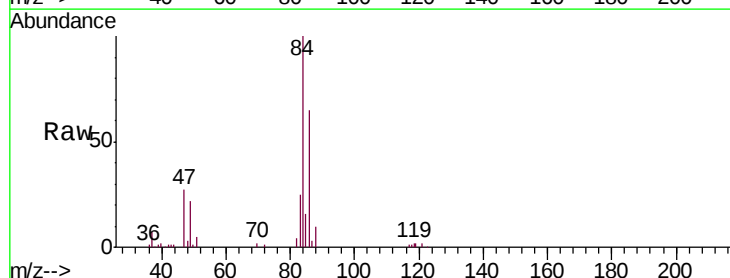
Acq: 23 Apr 2019 04:07

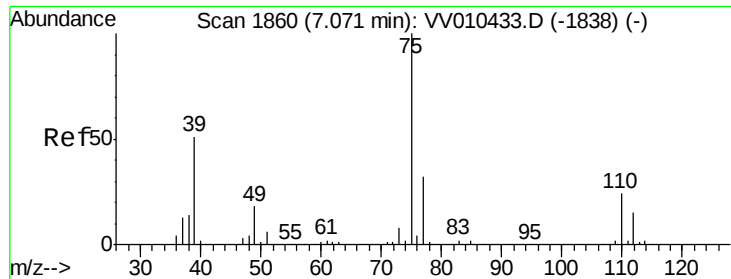
Tgt Ion: 83 Resp: 15669

Ion Ratio Lower Upper

83 100

85 81.8 46.1 85.5

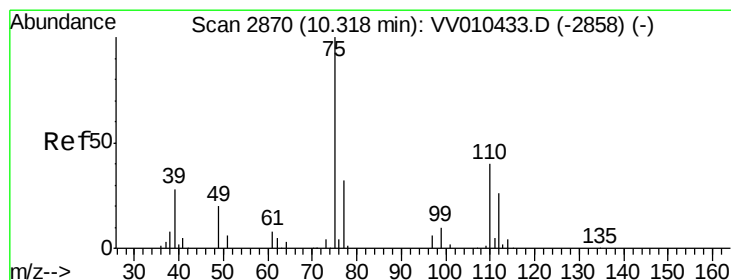
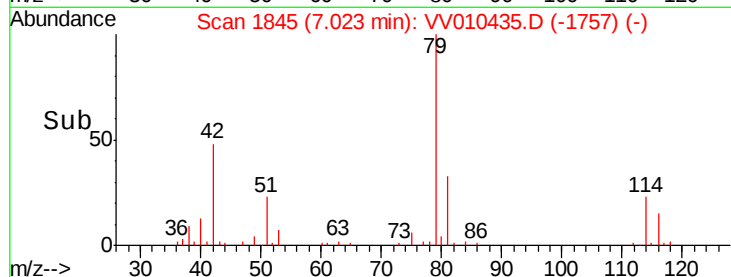
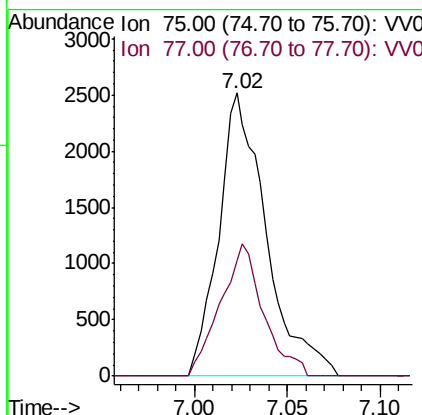
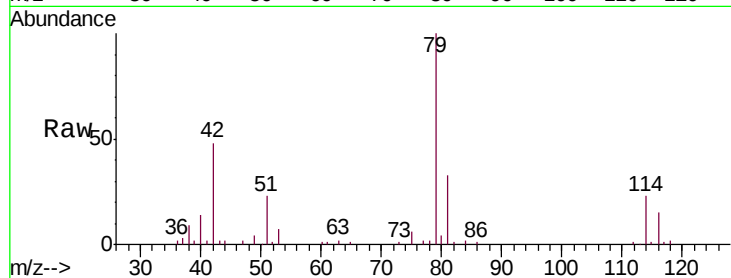




#42
 cis-1,3-Dichloropropene
 Concen: 0.662 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV010435.D
 Acq: 23 Apr 2019 04:07

Instrument :
 MSVOA_V
 ClientSampled :
 GAHN8

Tgt Ion: 75 Resp: 4481
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.9 42.5



#59
 1,2,3-Trichloropropane
 Concen: 5.249 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010435.D
 Acq: 23 Apr 2019 04:07

Tgt Ion: 75 Resp: 18512
 Ion Ratio Lower Upper
 75 100
 77 36.8 26.2 39.2

