

Data File : VV009335.D
Acq On : 22 Feb 2019 18:06
Operator : SY/MD
Sample : K1579-05
Misc : 7.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB602

Quant Time: Feb 23 00:40:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128587	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42159	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43504	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.72%
7) Chloroethane-d5	1.58	69	60566	29.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.72%
10) 1,1-Dichloroethene-d2	2.12	63	85869	20.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.68%
20) 2-Butanone-d5	3.95	46	26181	43.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.46%
24) Chloroform-d	4.40	84	68752	23.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.08	65	40481	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.00%
29) Benzene-d6	5.10	84	147250	25.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.44%
33) 1,2-Dichloropropane-d6	6.12	67	45650	27.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.92%
37) Toluene-d8	7.36	98	131388	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.96%
38) trans-1,3-Dichloropropene-	7.67	79	17840	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.92%
39) 2-Hexanone-d5	8.14	63	20427	43.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42823	23.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	36865	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

Target Compounds

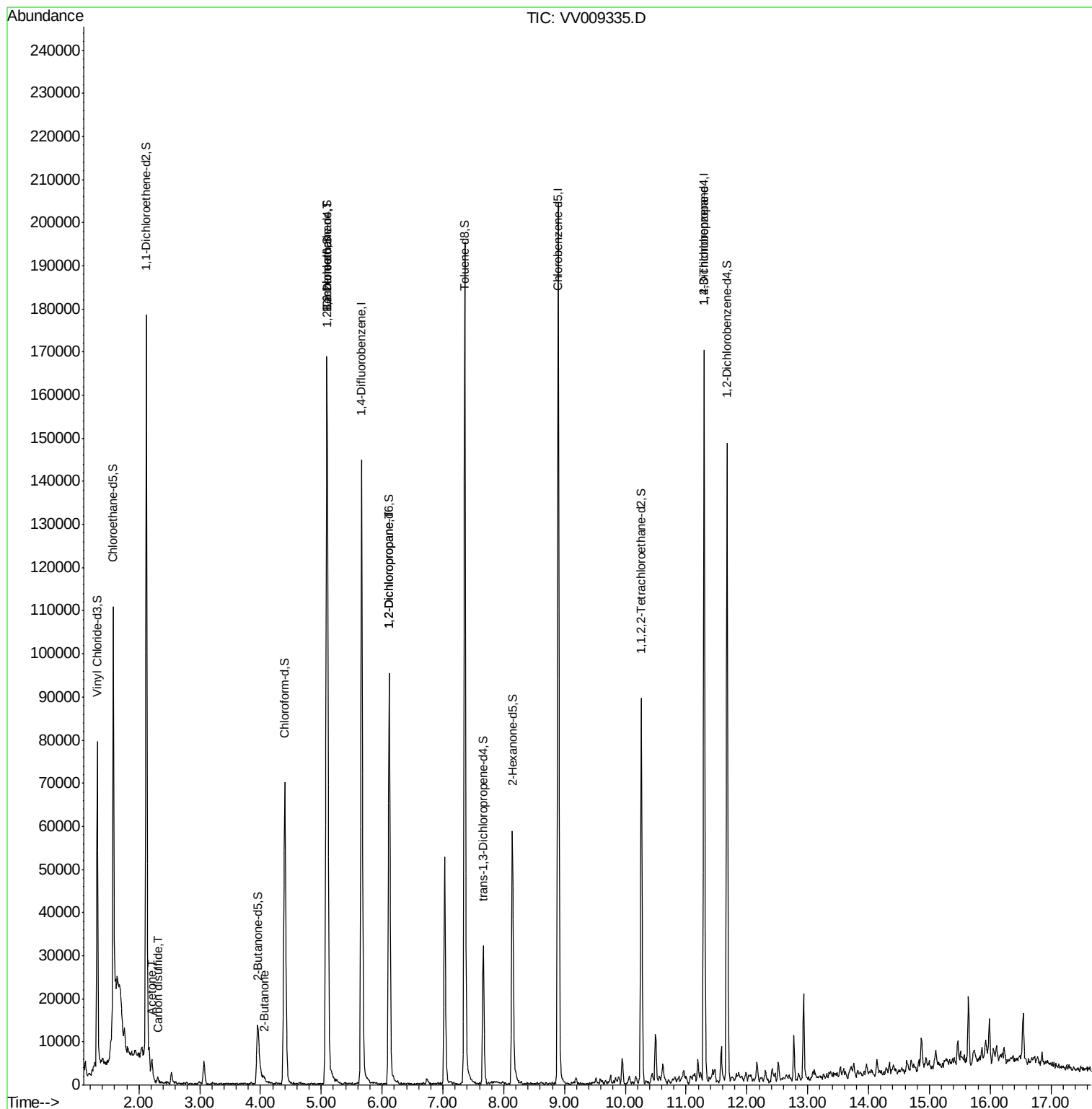
					Qvalue
13) Acetone	2.21	43	5920	10.115 ug/L	92
14) Carbon disulfide	2.31	76	1367	0.271 ug/L #	89
21) 2-Butanone	4.06	43	816	1.217 ug/L	80
27) 1,2-Dichloroethane	5.10	62	763	0.375 ug/L #	72
40) 1,2-Dichloropropane	6.12	63	5148	3.416 ug/L #	85
59) 1,2,3-Trichloropropane	11.30	75	6390	4.709 ug/L	95

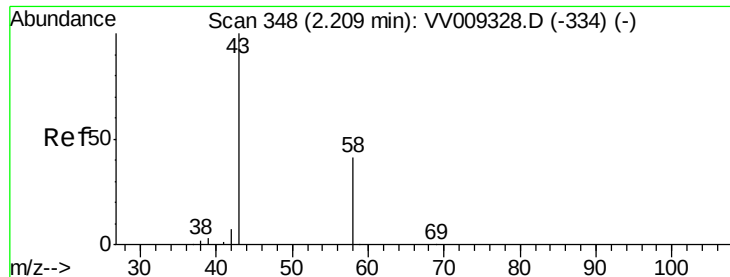
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.115 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

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Acq: 22 Feb 2019 18:06

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MSVOA_V

ClientSampleId :

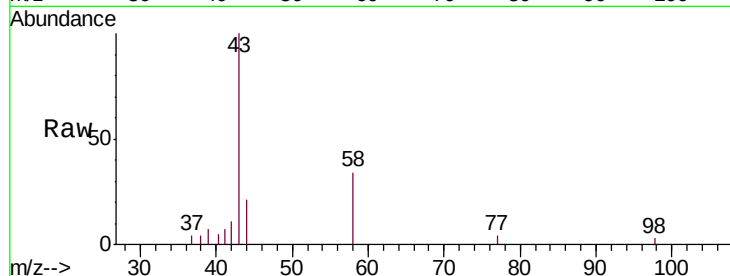
DB602

Tgt Ion: 43 Resp: 5920

Ion Ratio Lower Upper

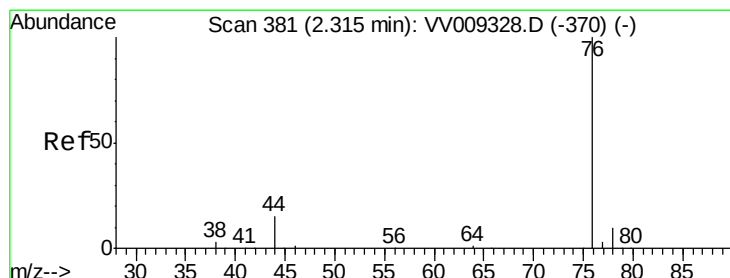
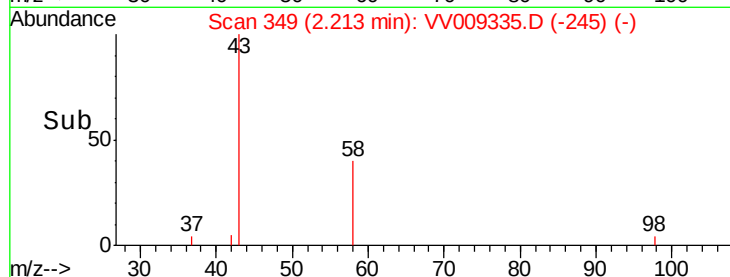
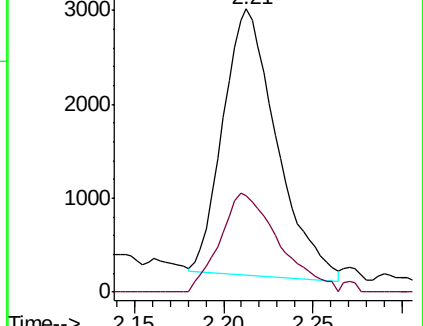
43 100

58 40.8 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009335.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV009335.D (-245) (-)



#14

Carbon disulfide

Concen: 0.271 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV009335.D

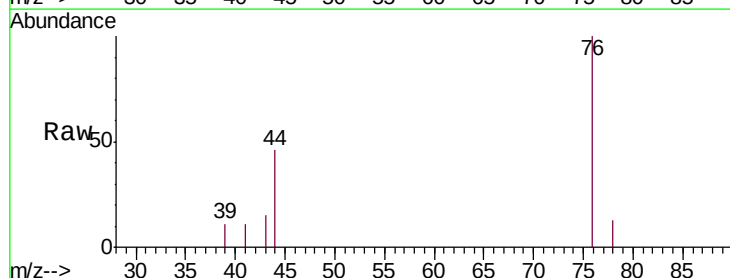
Acq: 22 Feb 2019 18:06

Tgt Ion: 76 Resp: 1367

Ion Ratio Lower Upper

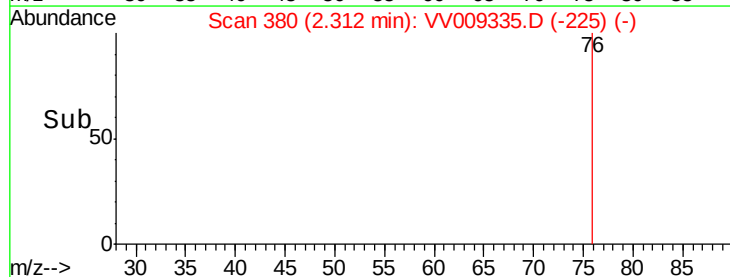
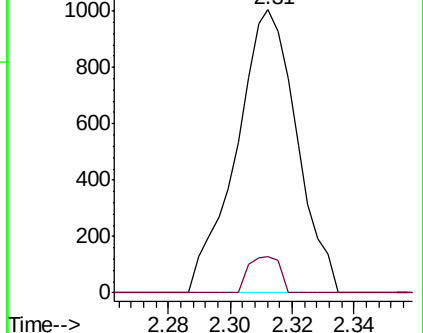
76 100

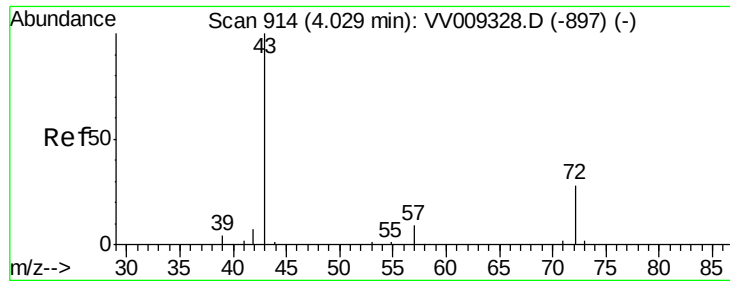
78 12.6 6.9 10.3#



Abundance Ion 76.00 (75.70 to 76.70): VV009335.D (-225) (-)

Ion 78.00 (77.70 to 78.70): VV009335.D (-225) (-)





#21

2-Butanone

Concen: 1.217 ug/L

RT: 4.06 min Scan# 923

Delta R.T. 0.03 min

Lab File: VV009335.D

Acq: 22 Feb 2019 18:06

Instrument :

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ClientSampleId :

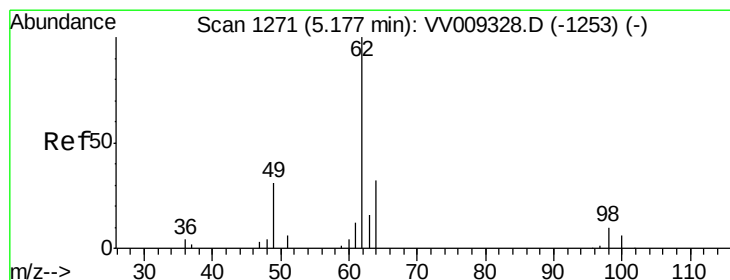
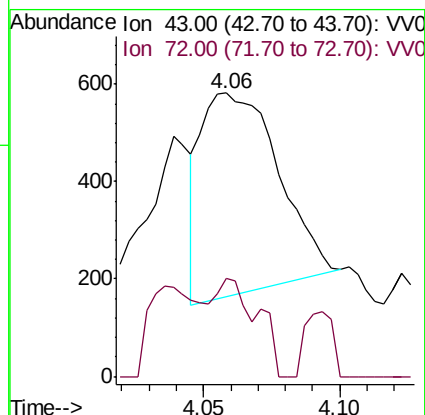
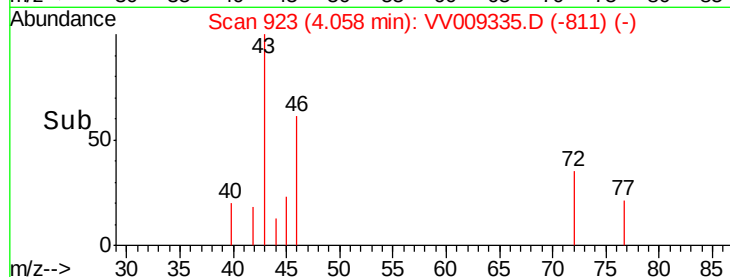
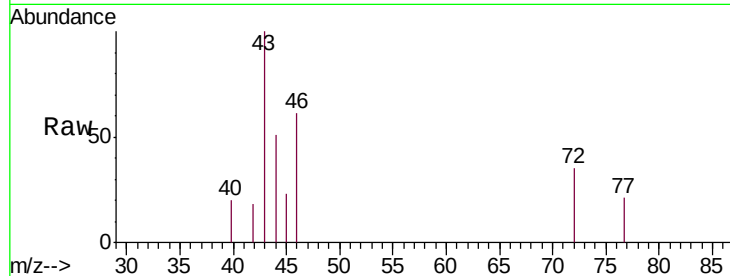
DB602

Tgt Ion: 43 Resp: 816

Ion Ratio Lower Upper

43 100

72 19.6 15.4 46.2



#27

1,2-Dichloroethane

Concen: 0.375 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV009335.D

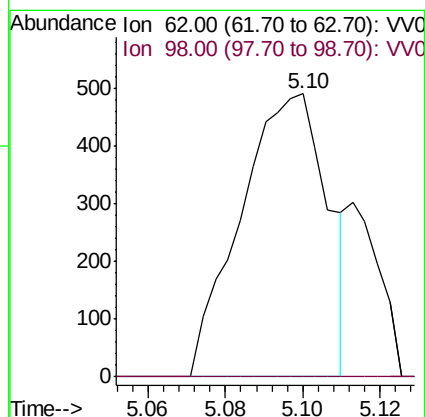
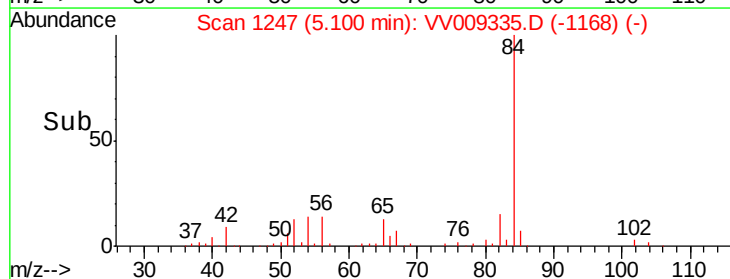
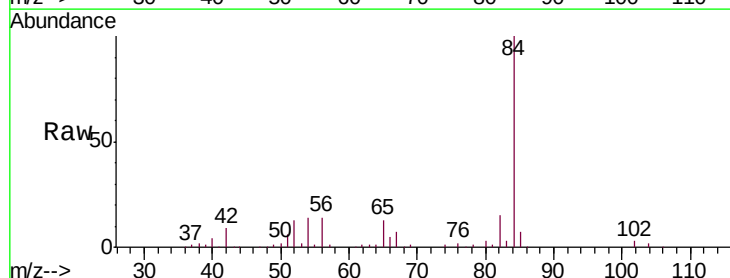
Acq: 22 Feb 2019 18:06

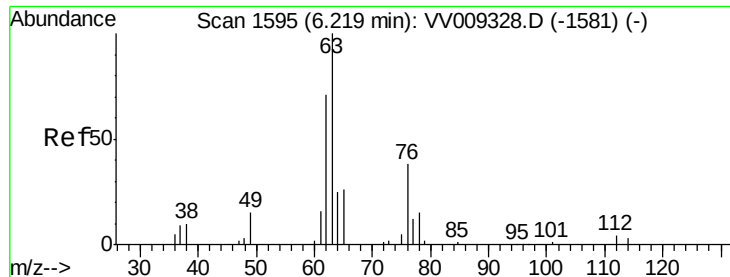
Tgt Ion: 62 Resp: 763

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#

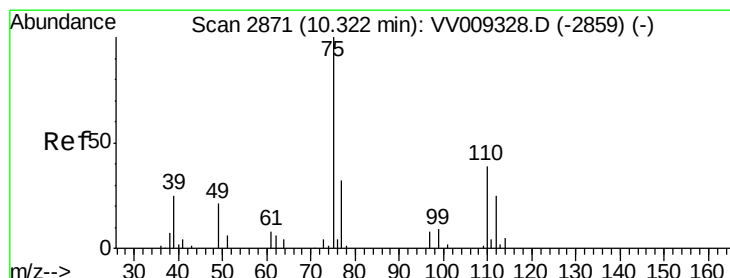
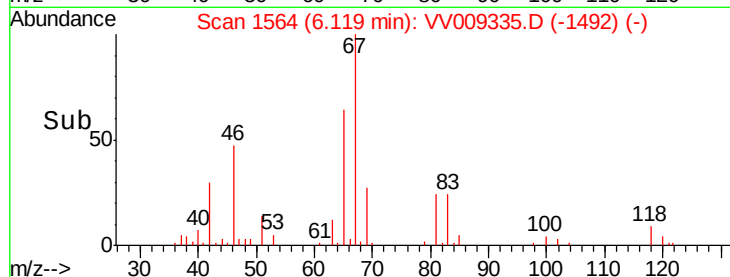
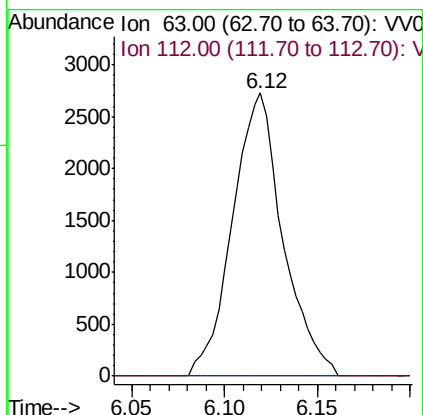
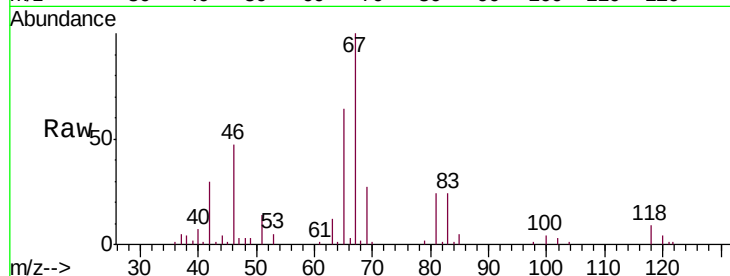




#40
 1,2-Dichloropropane
 Concen: 3.416 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009335.D
 Acq: 22 Feb 2019 18:06

Instrument :
 MSVOA_V
 ClientSampleId :
 DB602

Tgt Ion: 63 Resp: 5148
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.709 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009335.D
 Acq: 22 Feb 2019 18:06

Tgt Ion: 75 Resp: 6390
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.3 39.5

