

Data File : VV009014.D
Acq On : 18 Dec 2018 15:35
Operator : SY/MD
Sample : J6418-03
Misc : 3.97G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZZ1

Quant Time: Dec 19 06:22:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	283813	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90138	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71173	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.92%
7) Chloroethane-d5	1.58	69	64139	29.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.24%
10) 1,1-Dichloroethene-d2	2.13	63	140458	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.52%
20) 2-Butanone-d5	3.94	46	39479	36.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.84%
24) Chloroform-d	4.40	84	170386	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	5.08	65	102179	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	5.10	84	347147	26.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.44%
33) 1,2-Dichloropropane-d6	6.12	67	102870	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.52%
37) Toluene-d8	7.36	98	305593	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	7.67	79	41017	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.32%
39) 2-Hexanone-d5	8.14	63	24111	35.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69993	22.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	82766	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

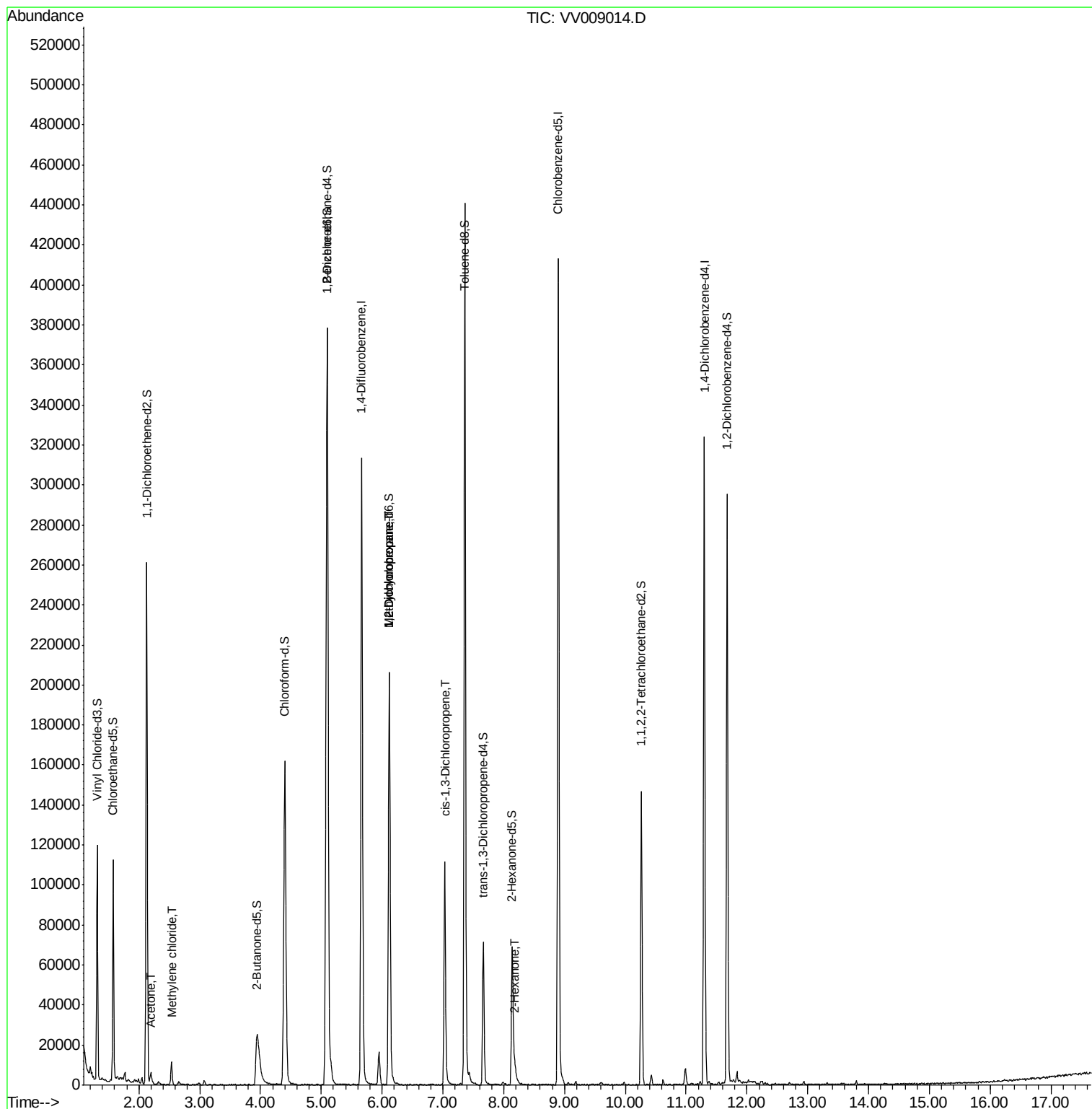
					Qvalue
13) Acetone	2.20	43	6031	3.828 ug/L	90
16) Methylene chloride	2.54	84	4926	1.031 ug/L	93
36) Methylcyclohexane	6.12	83	25032	3.650 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	11160	3.260 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	3171	0.633 ug/L #	72
49) 2-Hexanone	8.19	43	4852	2.535 ug/L #	66

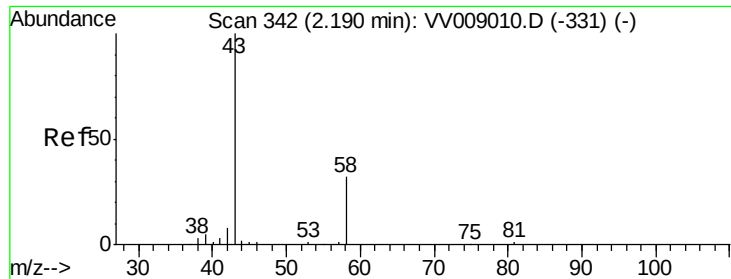
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.828 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV009014.D

Acq: 18 Dec 2018 15:35

Instrument :

MSVOA_V

ClientSampleId :

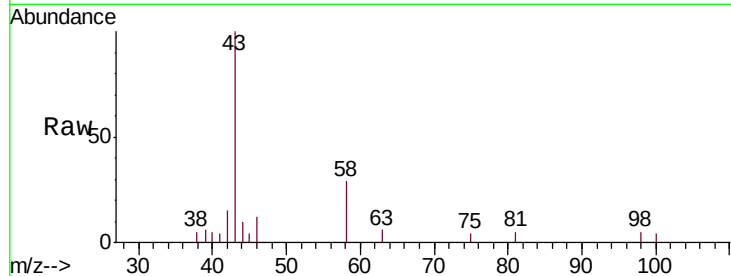
BEZZ1

Tgt Ion: 43 Resp: 6031

Ion Ratio Lower Upper

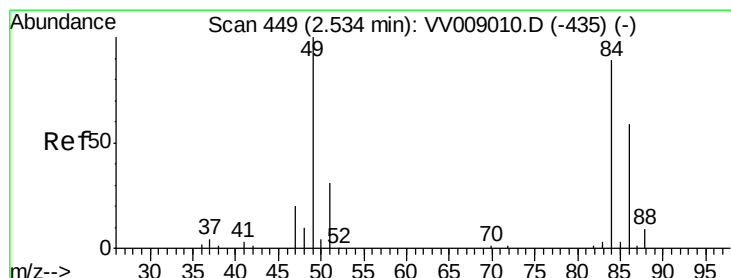
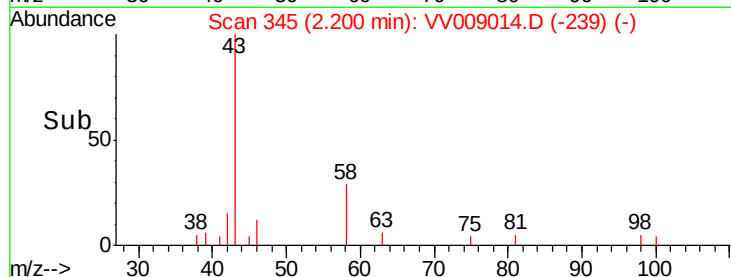
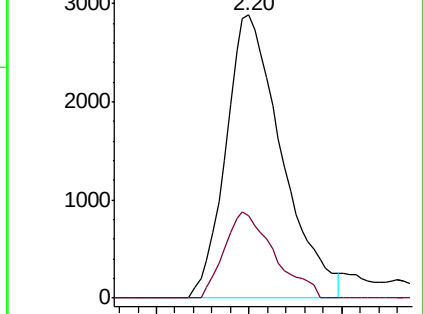
43 100

58 27.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009014.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV009014.D (-345) (-)



#16

Methylene chloride

Concen: 1.031 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009014.D

Acq: 18 Dec 2018 15:35

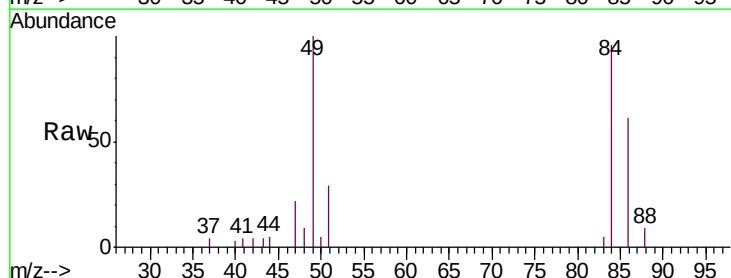
Tgt Ion: 84 Resp: 4926

Ion Ratio Lower Upper

84 100

49 104.5 80.5 149.5

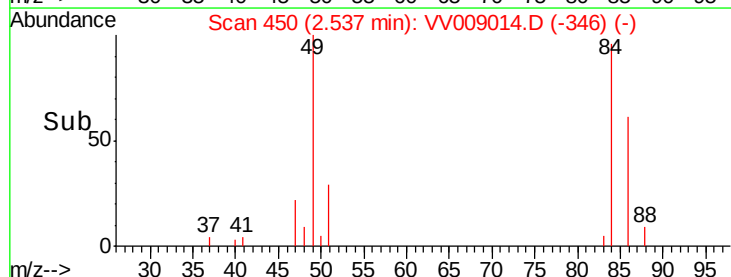
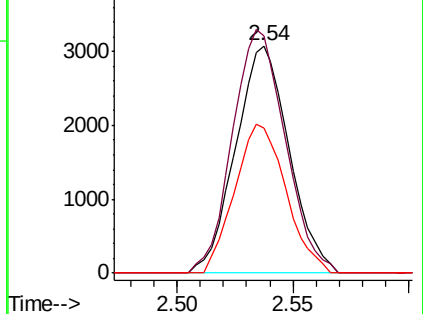
86 63.6 45.5 84.5

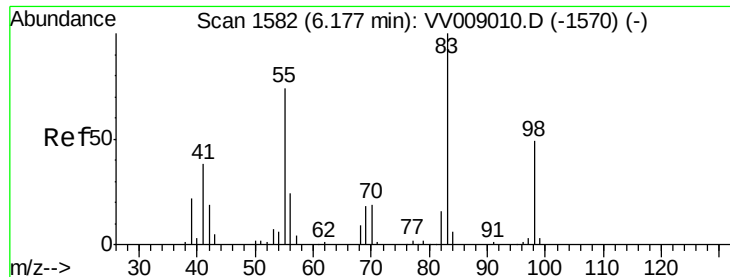


Abundance Ion 84.00 (83.70 to 84.70): VV009014.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009014.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009014.D (-346) (-)

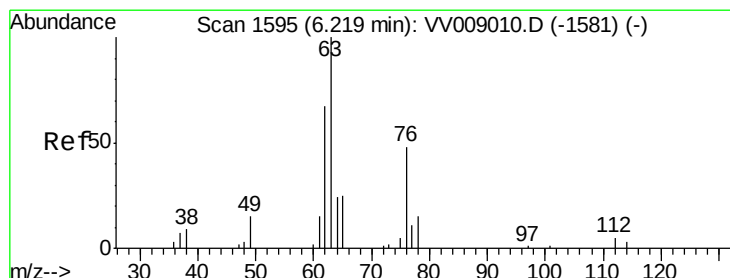
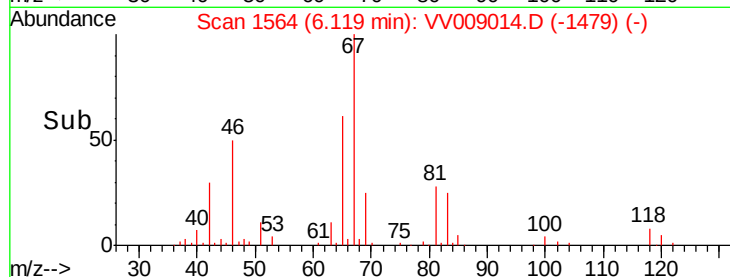
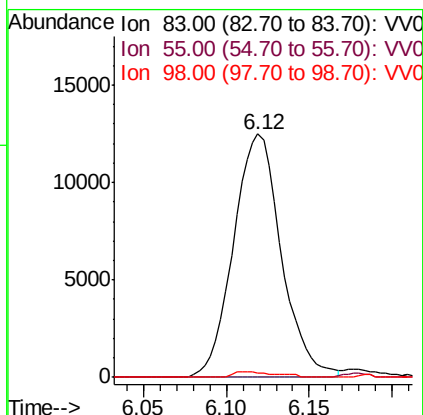
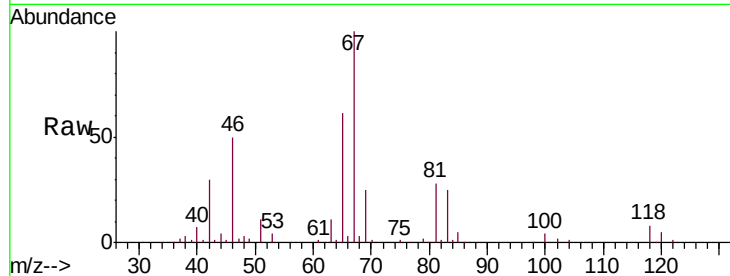




#36
Methylcyclohexane
Concen: 3.650 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009014.D
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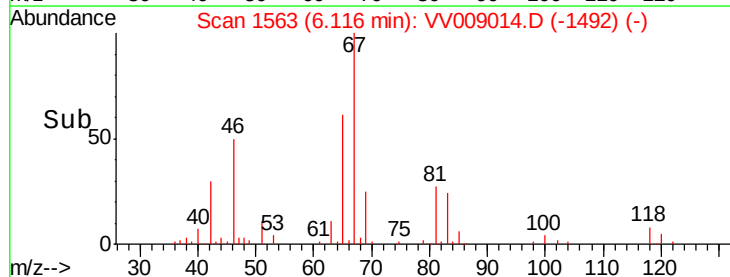
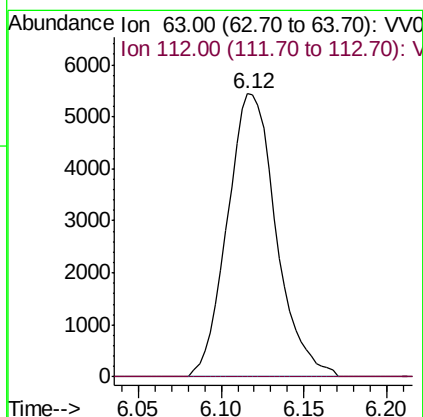
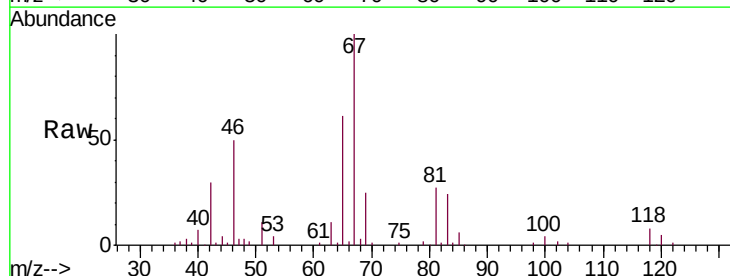
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BEZZ1

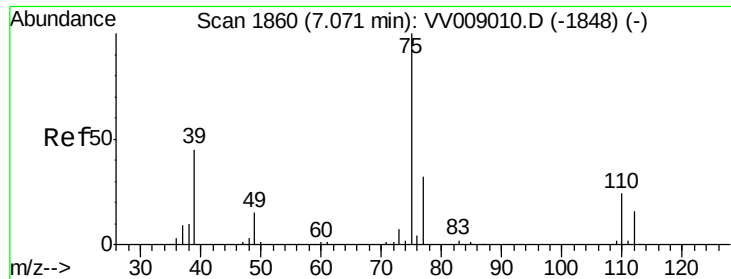
Tgt Ion: 83 Resp: 25032
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 1.7 37.8 56.8#



#40
1,2-Dichloropropane
Concen: 3.260 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009014.D
Acq: 18 Dec 2018 15:35

Tgt Ion: 63 Resp: 11160
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



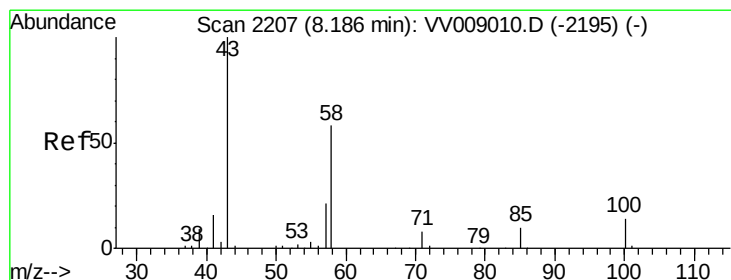
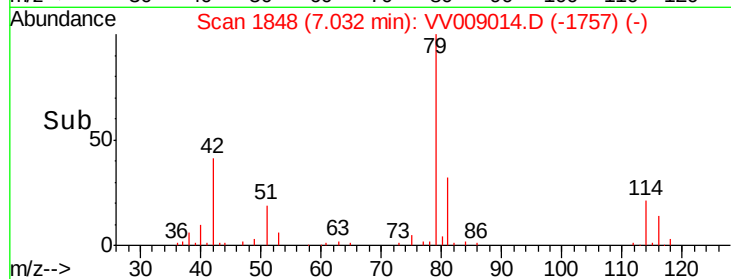
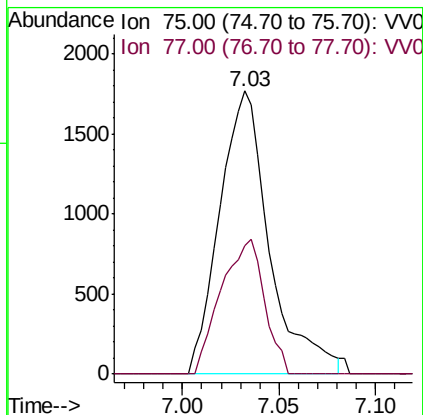
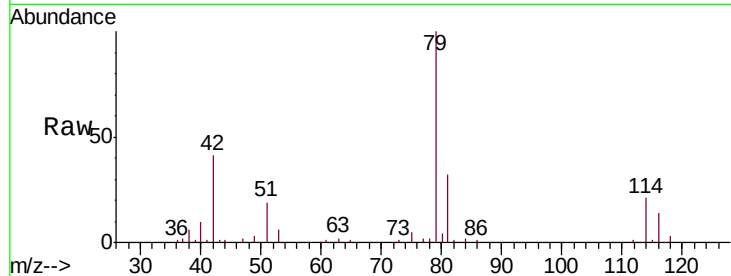


#42

cis-1,3-Dichloropropene
Concen: 0.633 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009014.D
Acq: 18 Dec 2018 15:35

Instrument :
MSVOA_V
ClientSampled :
BEZZ1

Tgt Ion: 75 Resp: 3171
Ion Ratio Lower Upper
75 100
77 45.6 21.3 39.6#



#49

2-Hexanone
Concen: 2.535 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009014.D
Acq: 18 Dec 2018 15:35

Tgt Ion: 43 Resp: 4852
Ion Ratio Lower Upper
43 100
58 30.8 43.9 65.9#
57 3.0 15.7 23.5#
100 0.0 11.0 16.4#

