

Data File : VV010904.D
Acq On : 15 May 2019 19:01
Operator : SY/MD
Sample : K2787-12
Misc : 4.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB860

Quant Time: May 16 08:12:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	48635	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	46278	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	18145	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14167	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
7) Chloroethane-d5	1.58	69	11152	27.62	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.48%
10) 1,1-Dichloroethene-d2	2.13	63	21282	18.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.60%
20) 2-Butanone-d5	3.95	46	7936	40.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.42%
24) Chloroform-d	4.40	84	30486	21.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	5.08	65	18290	22.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.64%
29) Benzene-d6	5.10	84	63571	24.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.28%
33) 1,2-Dichloropropane-d6	6.12	67	20626	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.96%
37) Toluene-d8	7.36	98	53339	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.68%
38) trans-1,3-Dichloropropene-	7.66	79	6698	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.16%
39) 2-Hexanone-d5	8.14	63	5370	34.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	16112	21.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.04%
61) 1,2-Dichlorobenzene-d4	11.68	152	18667	24.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.52%

Target Compounds

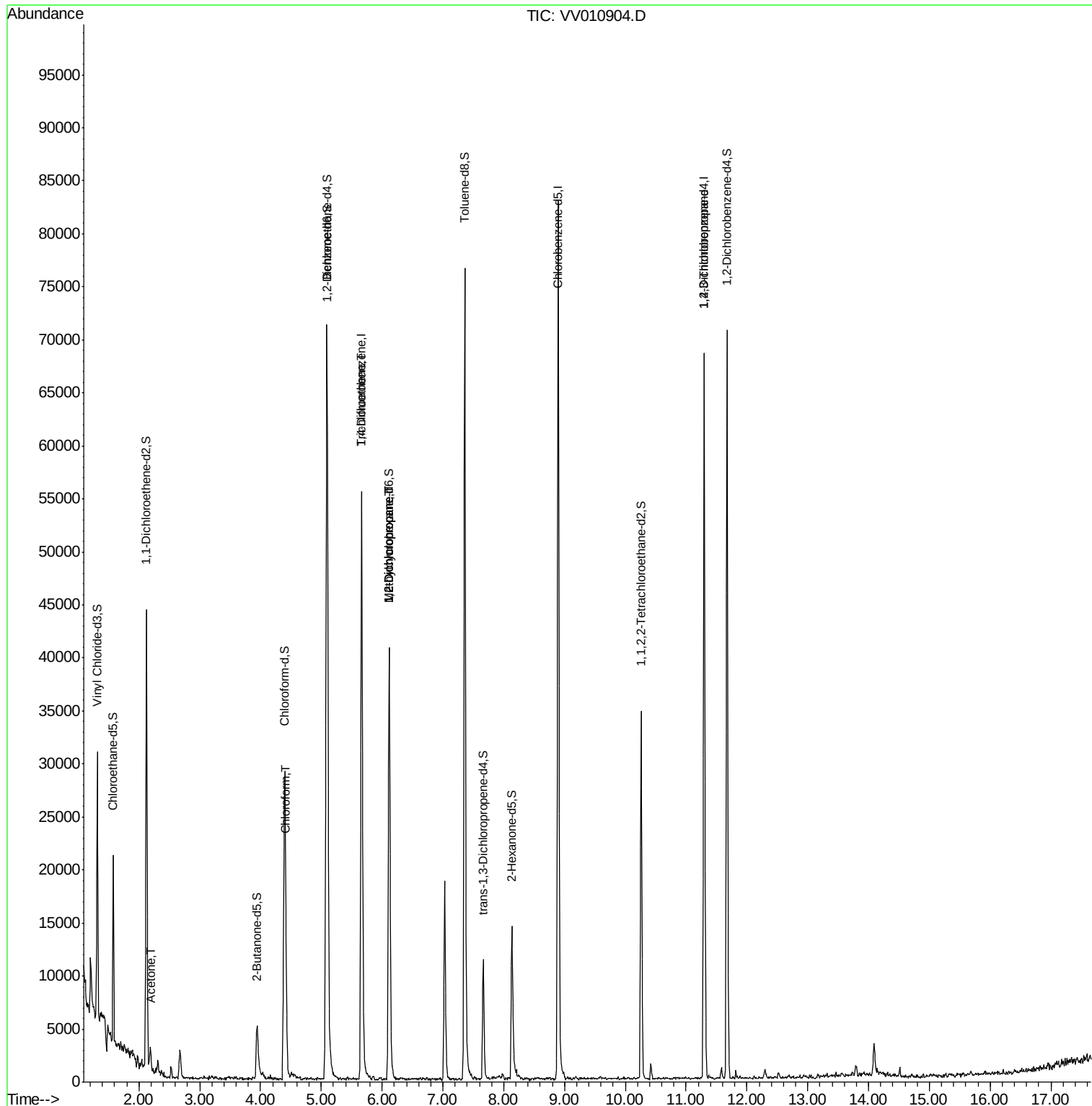
					Qvalue
13) Acetone	2.19	43	1907	9.604 ug/L	97
25) Chloroform	4.42	83	1429	1.019 ug/L #	33
35) Trichloroethene	5.65	95	612	0.875 ug/L #	5
36) Methylcyclohexane	6.11	83	2304	2.368 ug/L #	18
40) 1,2-Dichloropropane	6.12	63	2214	3.014 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	2552	4.508 ug/L #	85

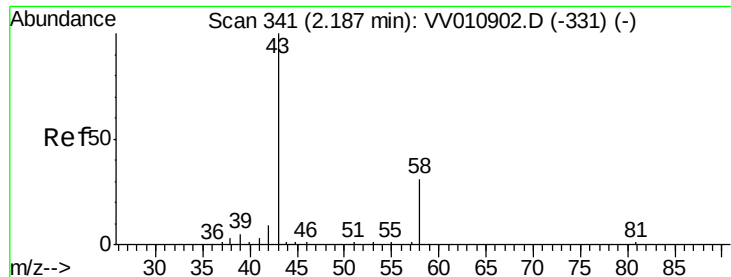
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.604 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 15 May 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

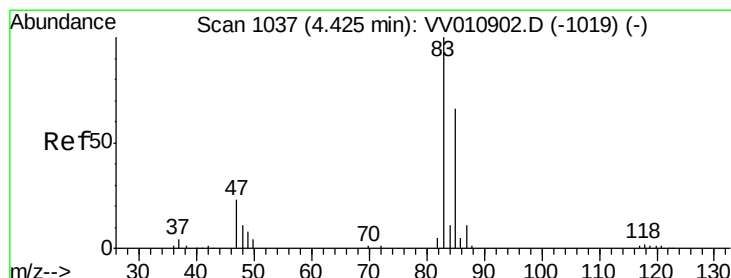
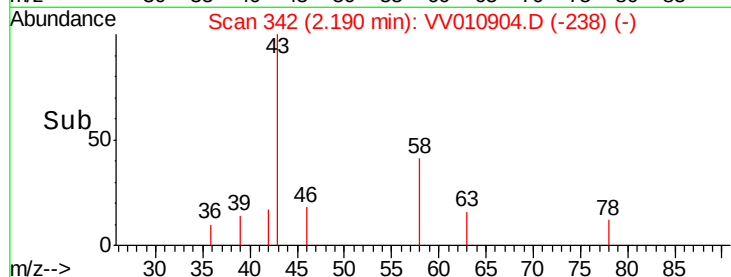
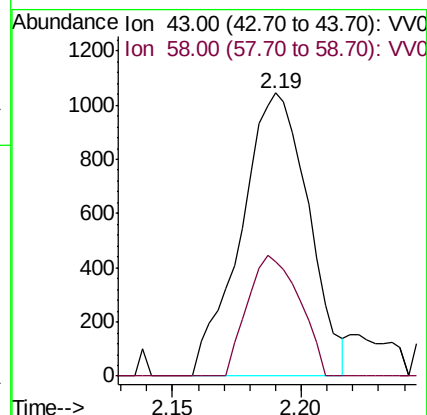
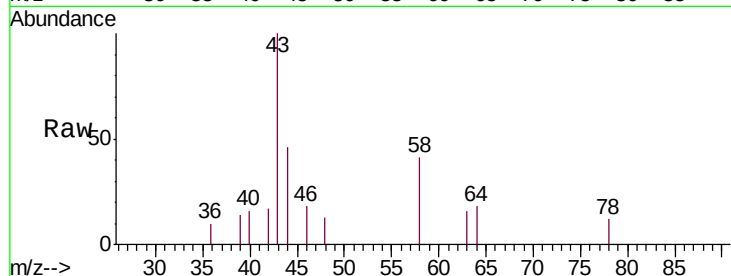
DB860

Tgt Ion: 43 Resp: 1907

Ion Ratio Lower Upper

43 100

58 33.0 0.0 69.2



#25

Chloroform

Concen: 1.019 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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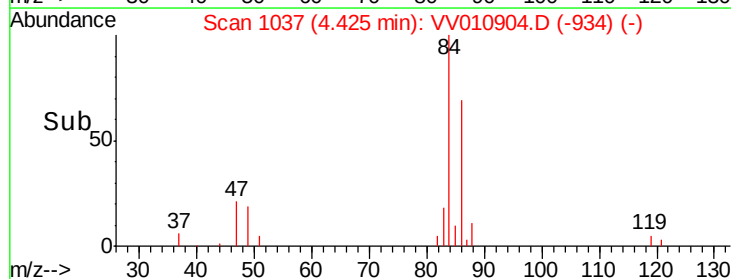
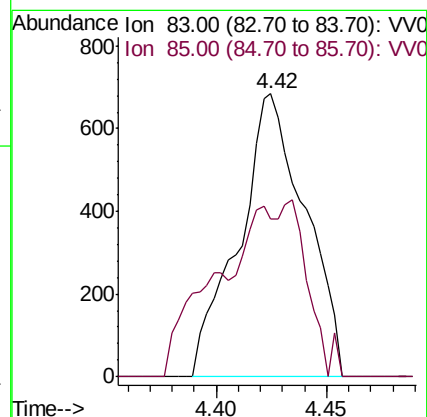
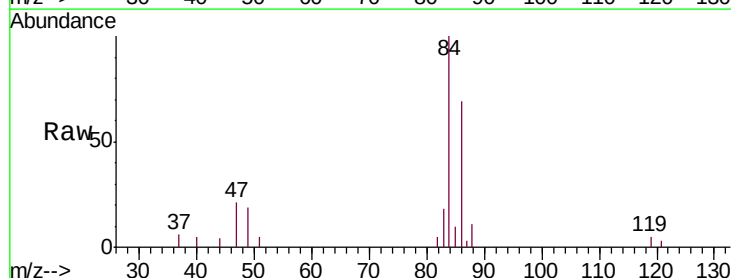
Acq: 15 May 2019 19:01

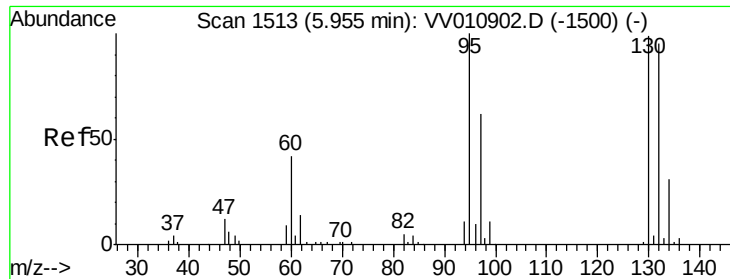
Tgt Ion: 83 Resp: 1429

Ion Ratio Lower Upper

83 100

85 12.2 45.3 84.1#





#35

Trichloroethene

Concen: 0.875 ug/L

RT: 5.65 min Scan# 1419

Delta R.T. -0.30 min

Lab File: VV010904.D

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Instrument :

MSVOA_V

ClientSampleId :

DB860

Tgt Ion: 95 Resp: 612

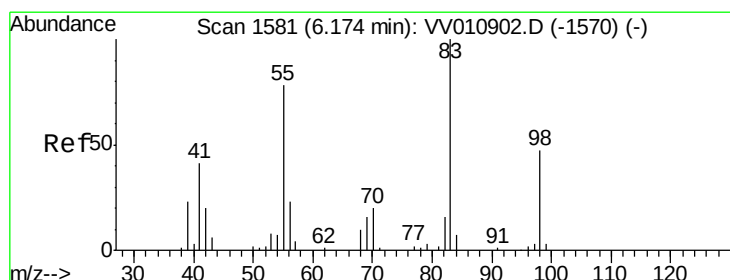
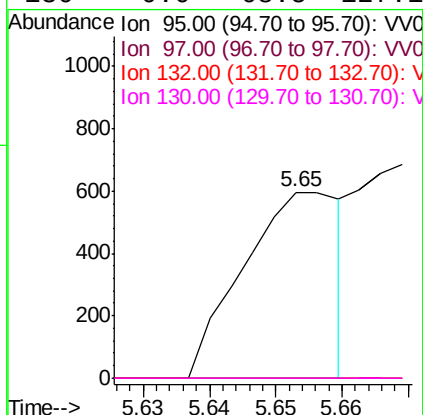
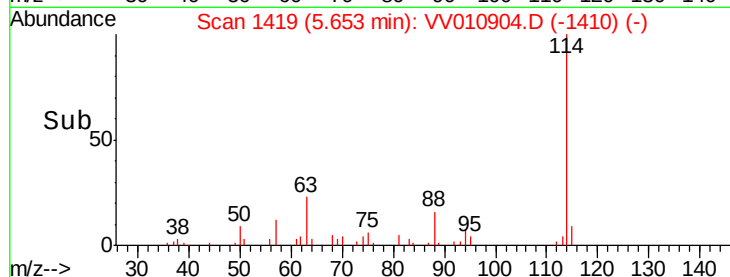
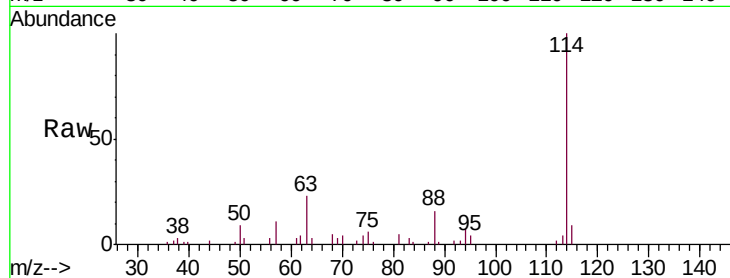
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 67.4 125.2#

130 0.0 68.5 127.1#



#36

Methylcyclohexane

Concen: 2.368 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

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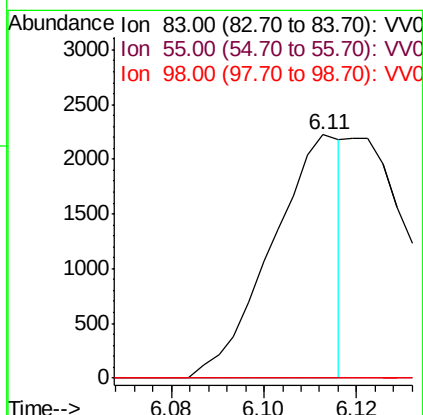
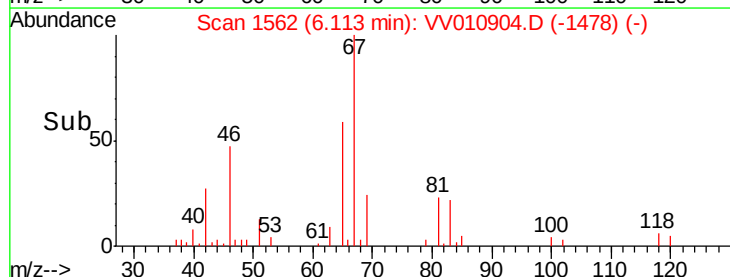
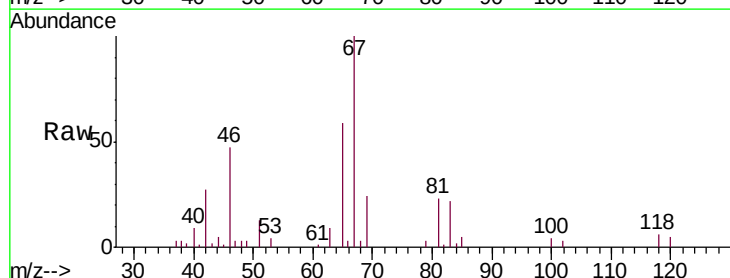
Tgt Ion: 83 Resp: 2304

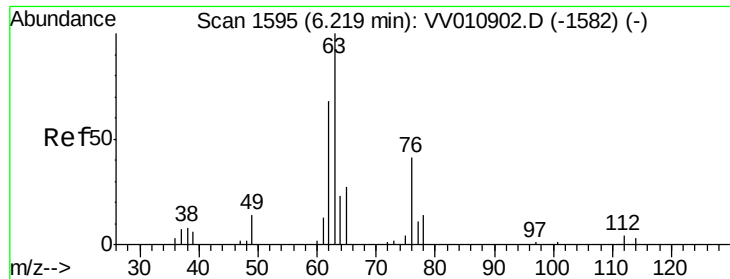
Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

98 0.0 37.2 55.8#

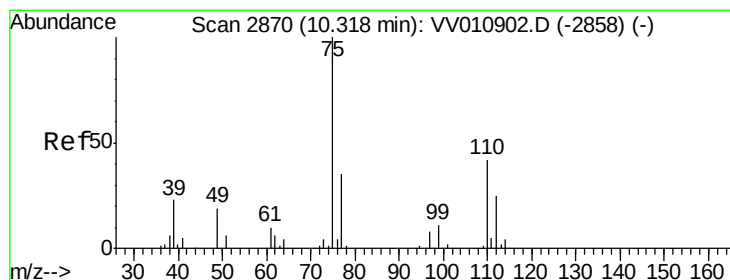
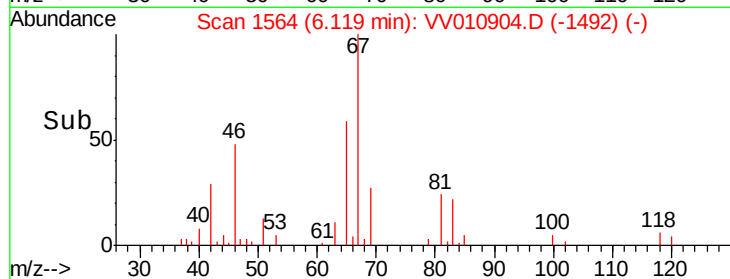
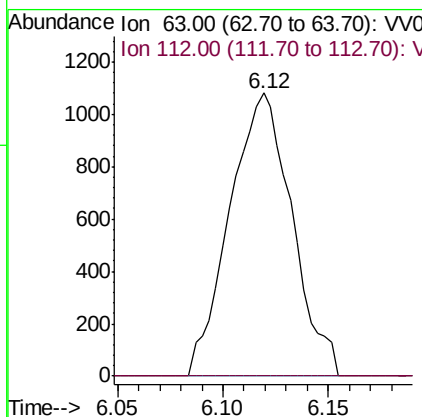
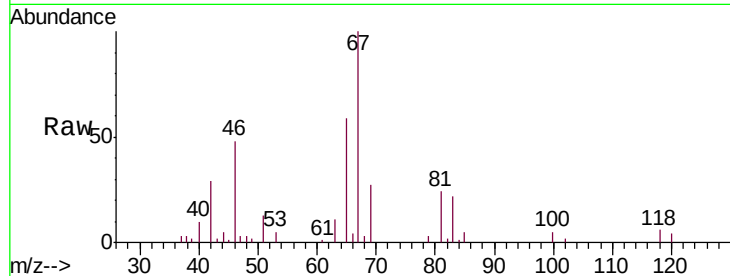




#40
 1,2-Dichloropropane
 Concen: 3.014 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010904.D
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 MSVOA_V
 ClientSampleId :
 DB860

Tgt Ion: 63 Resp: 2214
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.508 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010904.D
 Acq: 15 May 2019 19:01

Tgt Ion: 75 Resp: 2552
 Ion Ratio Lower Upper
 75 100
 77 41.7 26.4 39.6#

