

Data File : VV010934.D
Acq On : 16 May 2019 17:49
Operator : SY/MD
Sample : K2853-01
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5198

Quant Time: May 17 06:31:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 06:28:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133401	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	137057	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59862	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31464	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
7) Chloroethane-d5	1.57	69	26989	24.37	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.48%
10) 1,1-Dichloroethene-d2	2.12	63	48467	15.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.28%
20) 2-Butanone-d5	3.94	46	26420	49.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.82%
24) Chloroform-d	4.40	84	86440	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	5.08	65	48200	22.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.04%
29) Benzene-d6	5.09	84	164198	21.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.56%
33) 1,2-Dichloropropane-d6	6.12	67	56680	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.68%
37) Toluene-d8	7.36	98	146531	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.40%
38) trans-1,3-Dichloropropene-	7.66	79	19521	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.96%
39) 2-Hexanone-d5	8.13	63	19897	43.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50702	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	56857	22.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.96%

Target Compounds

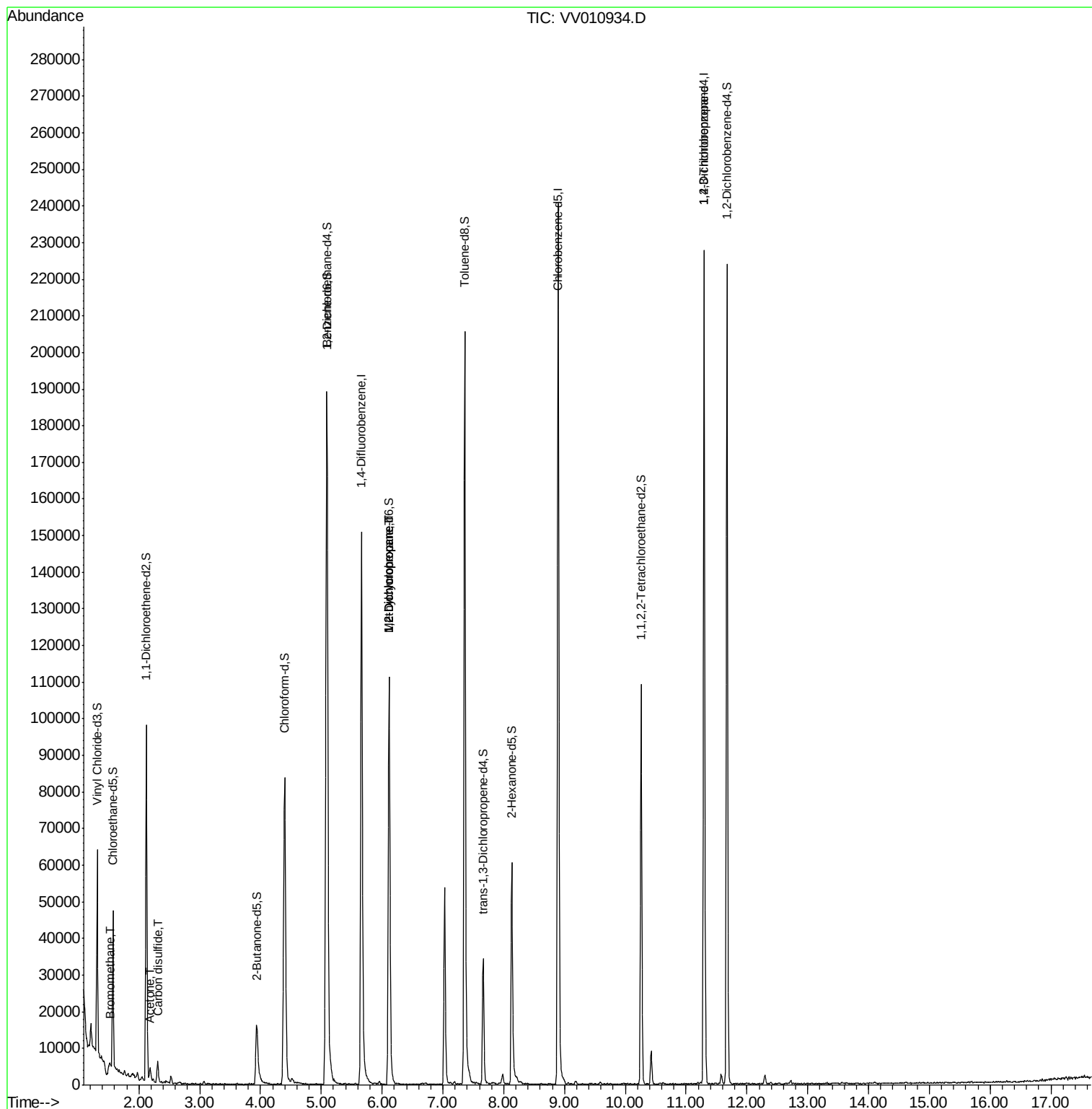
					Qvalue
6) Bromomethane	1.52	94	486	1.097 ug/L	93
13) Acetone	2.19	43	2242	4.116 ug/L	90
14) Carbon disulfide	2.31	76	3912	0.845 ug/L	98
36) Methylcyclohexane	6.11	83	11980	4.158 ug/L #	18
40) 1,2-Dichloropropane	6.12	63	5929	2.725 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	7672	4.576 ug/L	93

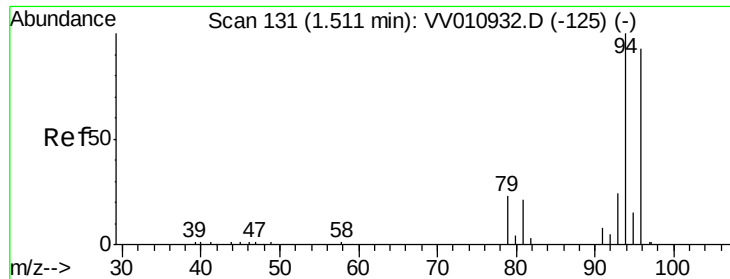
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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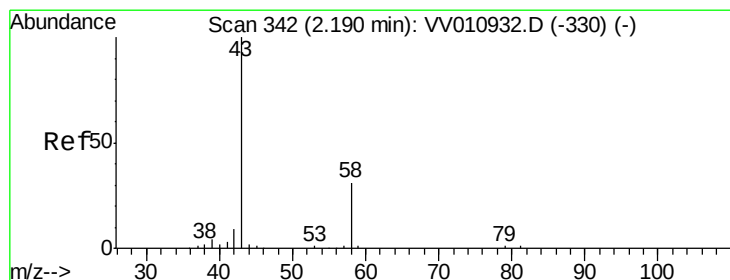
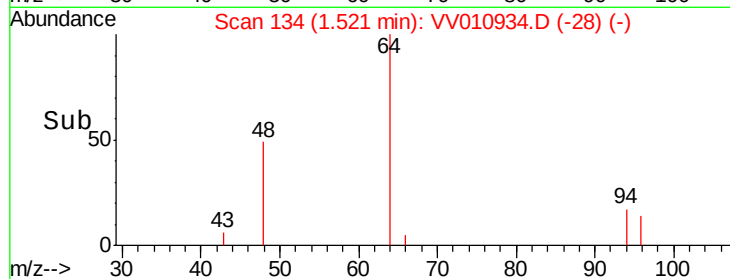
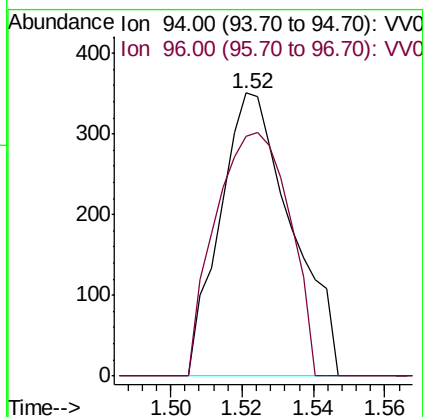
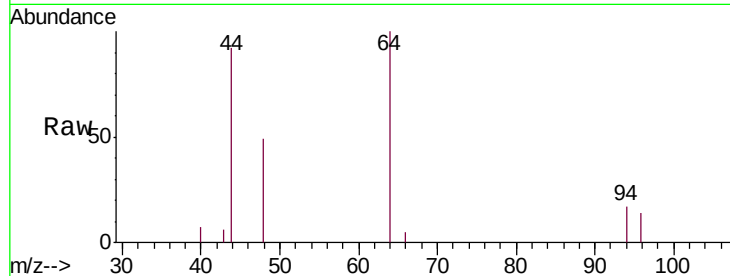




#6
Bromomethane
Concen: 1.097 ug/L
RT: 1.52 min Scan# 134
Delta R.T. 0.01 min
Lab File: VV010934.D
Acq: 16 May 2019 17:49

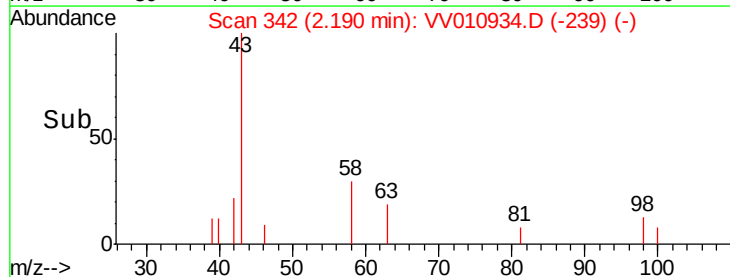
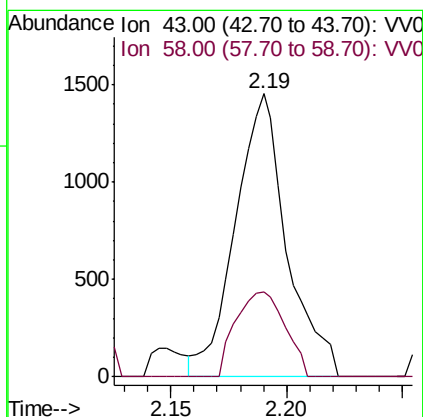
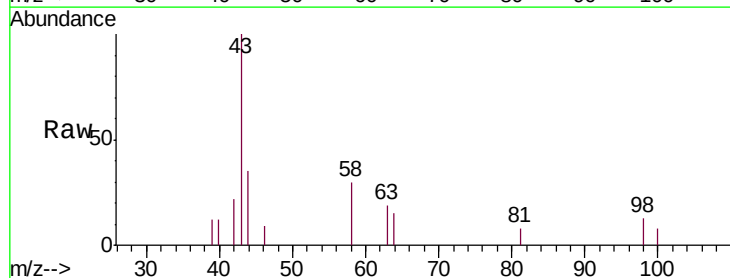
Instrument :
MSVOA_V
ClientSampled :
A5198

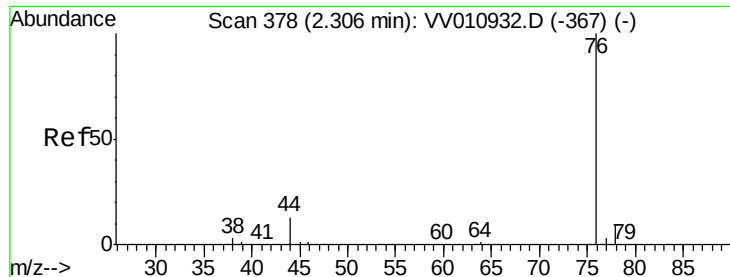
Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 89.1 9.6 181.6



#13
Acetone
Concen: 4.116 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010934.D
Acq: 16 May 2019 17:49

Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
58 28.8 0.0 69.2





#14

Carbon disulfide

Concen: 0.845 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV010934.D

Acq: 16 May 2019 17:49

Instrument :

MSVOA_V

ClientSampled :

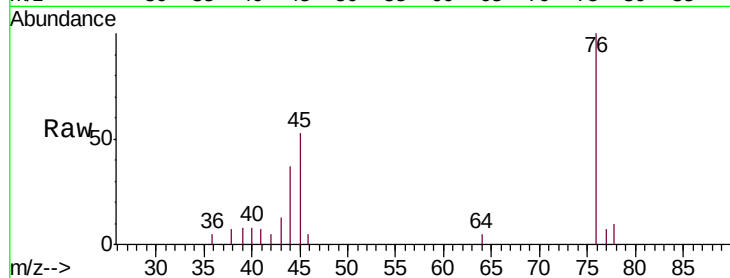
A5198

Tgt Ion: 76 Resp: 3912

Ion Ratio Lower Upper

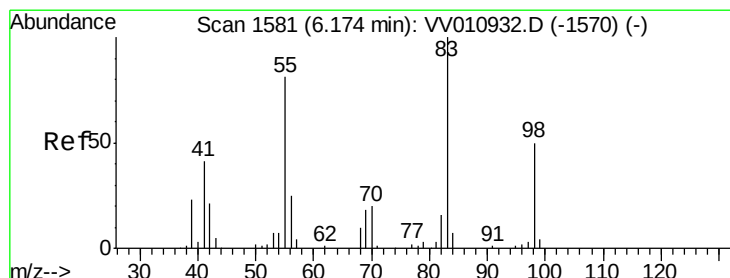
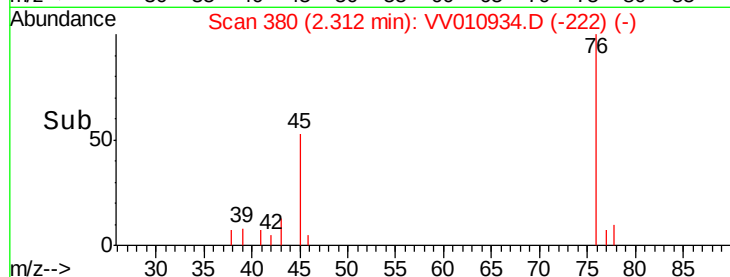
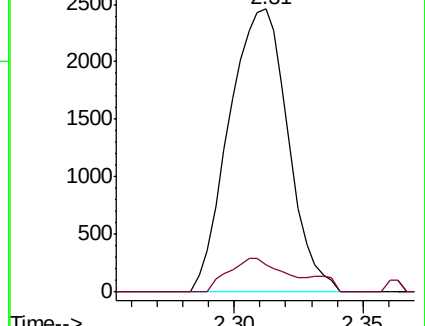
76 100

78 9.7 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010932.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV010932.D (-367) (-)



#36

Methylcyclohexane

Concen: 4.158 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV010934.D

Acq: 16 May 2019 17:49

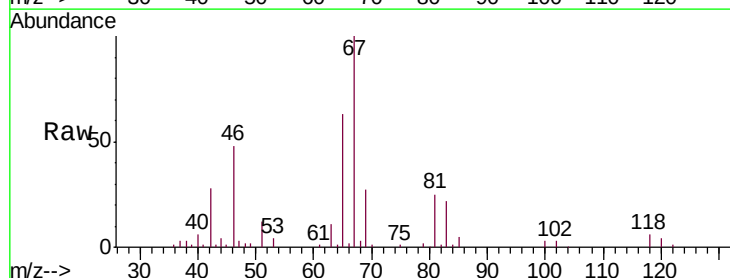
Tgt Ion: 83 Resp: 11980

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

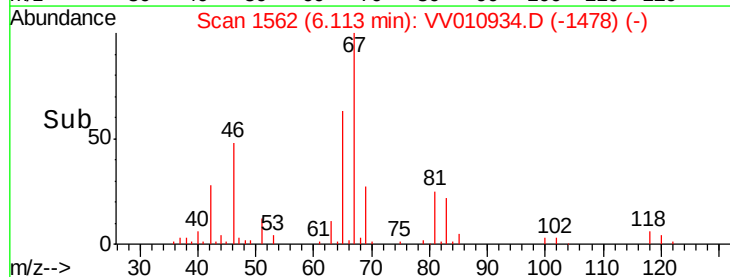
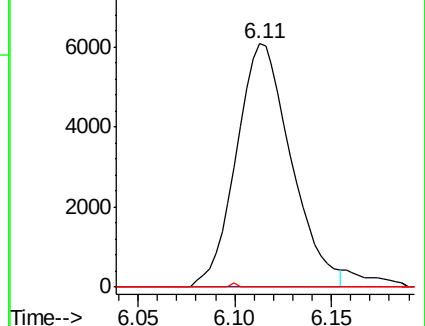
98 0.0 37.2 55.8#

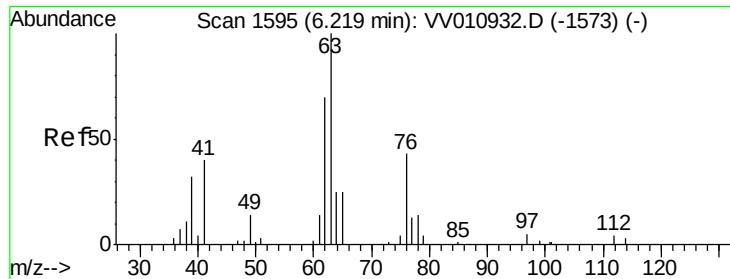


Abundance Ion 83.00 (82.70 to 83.70): VV010932.D (-1570) (-)

Ion 55.00 (54.70 to 55.70): VV010932.D (-1570) (-)

Ion 98.00 (97.70 to 98.70): VV010932.D (-1570) (-)

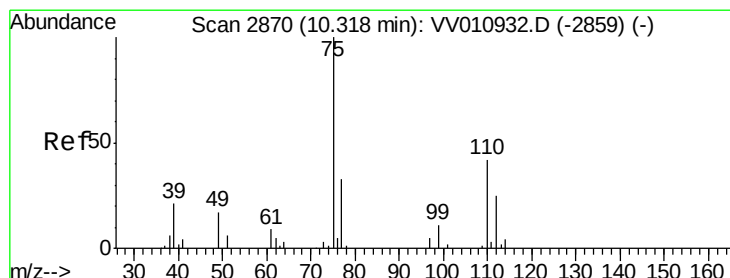
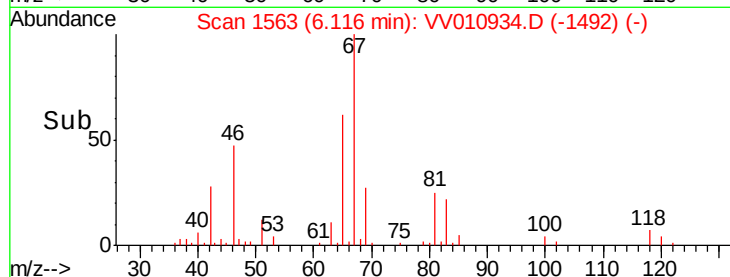
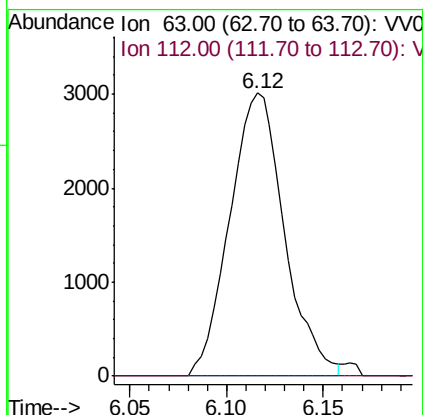
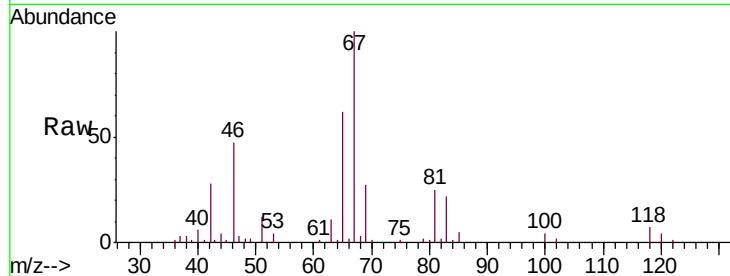




#40
 1,2-Dichloropropane
 Concen: 2.725 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010934.D
 Acq: 16 May 2019 17:49

Instrument :
 MSVOA_V
 ClientSampleId :
 A5198

Tgt Ion: 63 Resp: 5929
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.576 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010934.D
 Acq: 16 May 2019 17:49

Tgt Ion: 75 Resp: 7672
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.4 39.6

