

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009174.D
 Acq On : 04 Jan 2019 22:17
 Operator : SY/MD
 Sample : K1051-04
 Misc : 6.57 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X2

Quant Time: Jan 05 05:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	181010	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171597	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85272	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24203	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	24737	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	2.20	63	237	0.06	ug/L	0.07
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.24%#
20) 2-Butanone-d5	3.96	46	33724	38.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.44%
24) Chloroform-d	4.40	84	85866	22.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.08	65	51945	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	5.10	84	169763	22.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.80%
33) 1,2-Dichloropropane-d6	6.12	67	51693	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	7.36	98	150067	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	7.67	79	22288	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	8.14	63	22717	43.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59628	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	65865	22.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.40%

Target Compounds

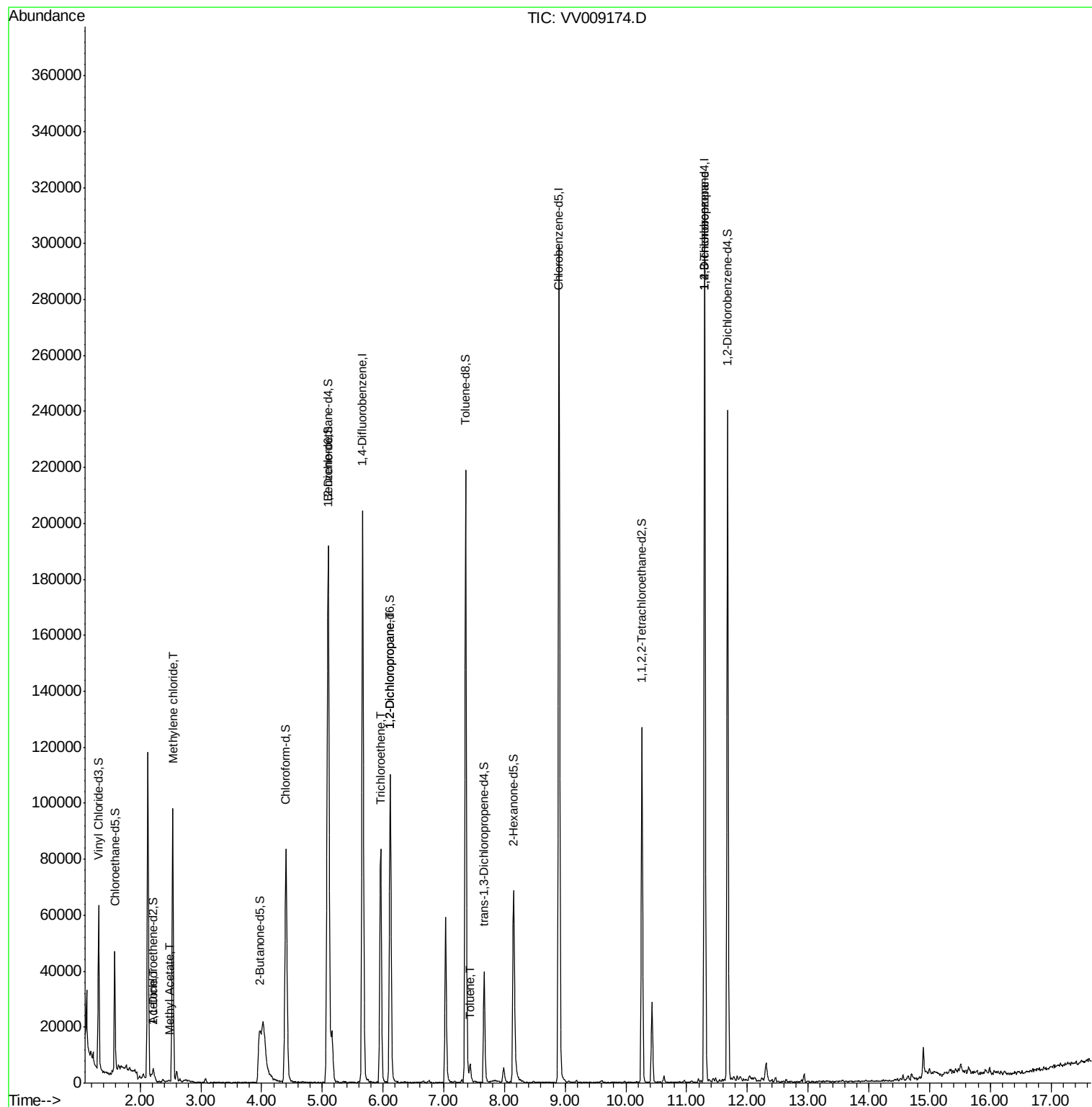
					Qvalue
13) Acetone	2.22	43	7714	6.249 ug/L	97
15) Methyl Acetate	2.48	43	757	0.496 ug/L #	51
16) Methylene chloride	2.54	84	42117	15.574 ug/L	94
35) Trichloroethene	5.96	95	28889	10.870 ug/L	98
40) 1,2-Dichloropropane	6.12	63	5877	2.643 ug/L #	85
44) Toluene	7.43	91	4650	0.468 ug/L	91
59) 1,2,3-Trichloropropane	11.30	75	9299	4.419 ug/L	92

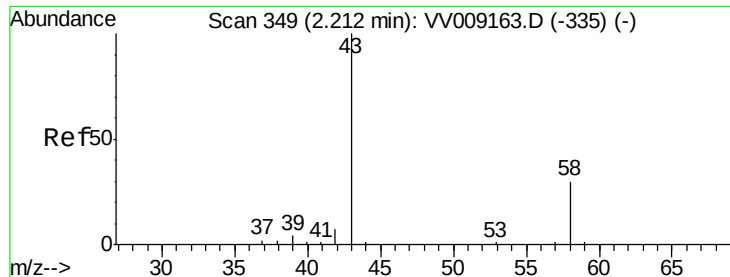
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009174.D
Acq On : 04 Jan 2019 22:17
Operator : SY/MD
Sample : K1051-04
Misc : 6.57 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9X2

Quant Time: Jan 05 05:04:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.249 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV009174.D

Acq: 04 Jan 2019 22:17

Instrument :

MSVOA_V

ClientSampled :

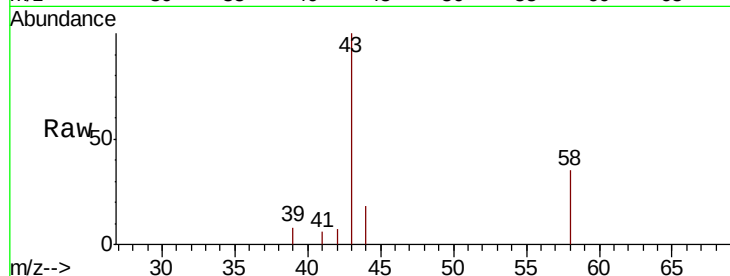
BE9X2

Tgt Ion: 43 Resp: 7714

Ion Ratio Lower Upper

43 100

58 31.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009163.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009163.D (-335) (-)

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

2.22

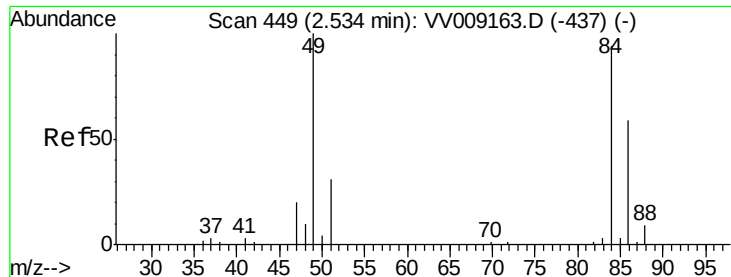
2.22

2.22

2.22

2.22

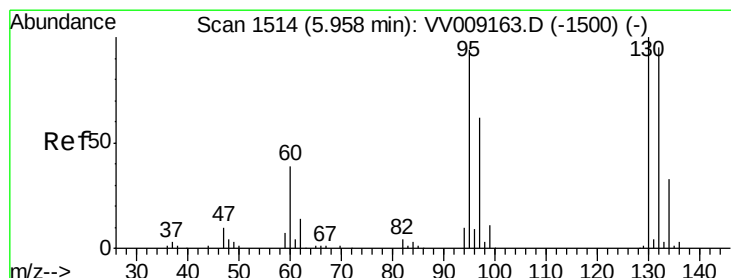
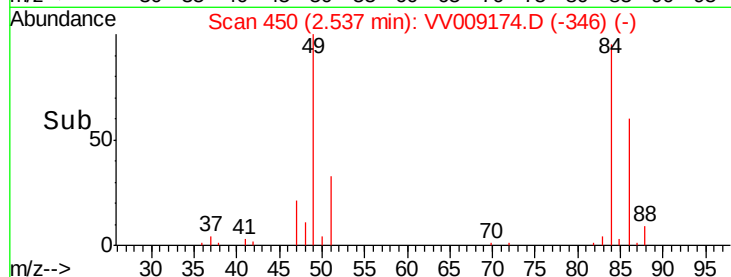
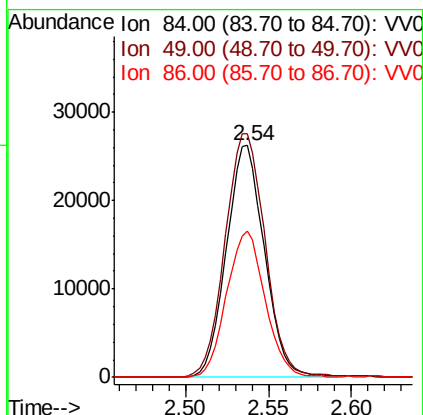
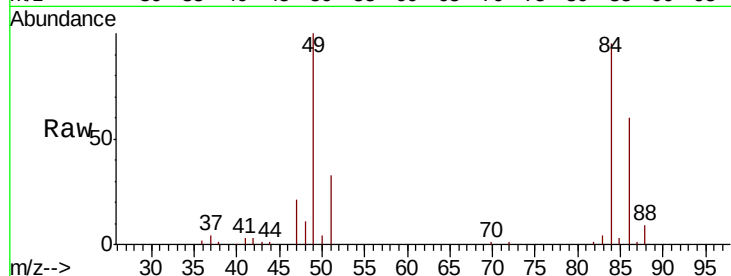
2.22



#16
Methylene chloride
Concen: 15.574 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009174.D
Acq: 04 Jan 2019 22:17

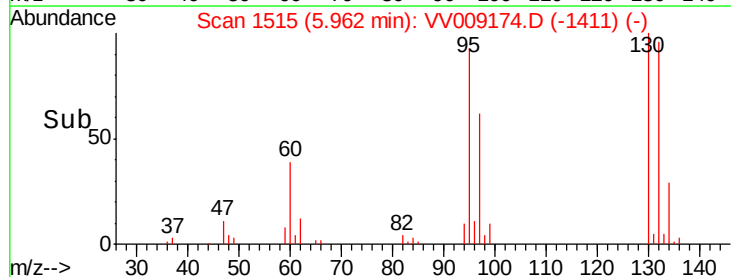
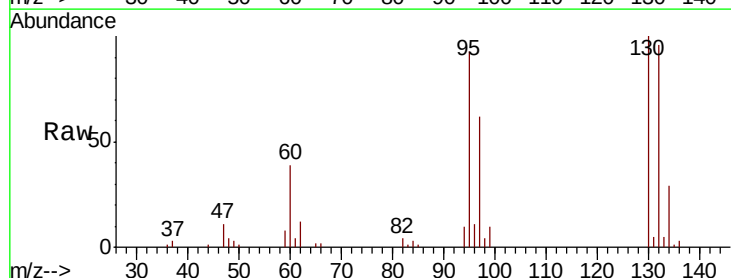
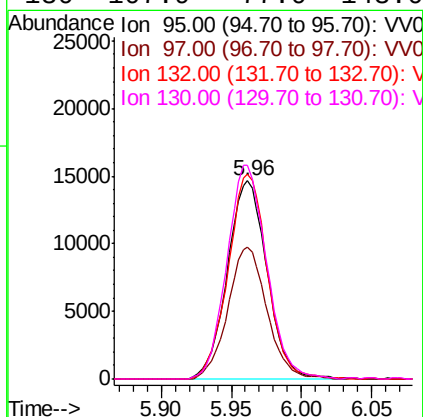
Instrument :
MSVOA_V
ClientSampled :
BE9X2

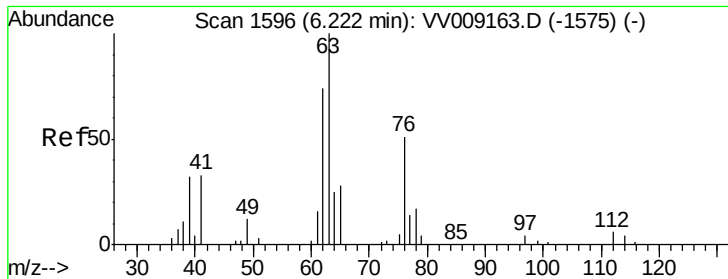
Tgt Ion: 84 Resp: 42117
Ion Ratio Lower Upper
84 100
49 104.9 77.6 144.2
86 63.0 47.4 88.0



#35
Trichloroethene
Concen: 10.870 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009174.D
Acq: 04 Jan 2019 22:17

Tgt Ion: 95 Resp: 28889
Ion Ratio Lower Upper
95 100
97 65.4 46.2 85.8
132 101.5 73.9 137.3
130 107.9 77.0 143.0

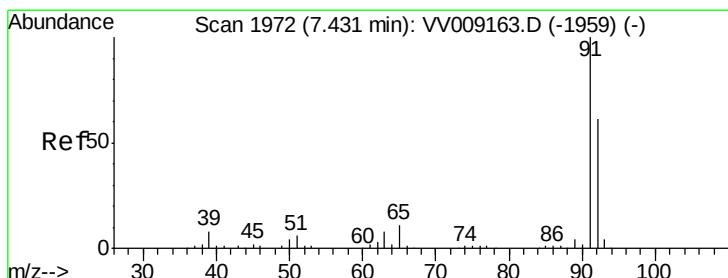
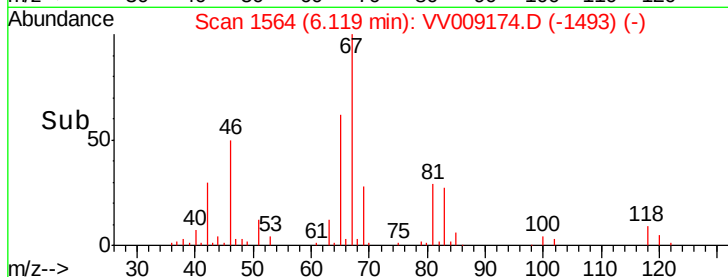
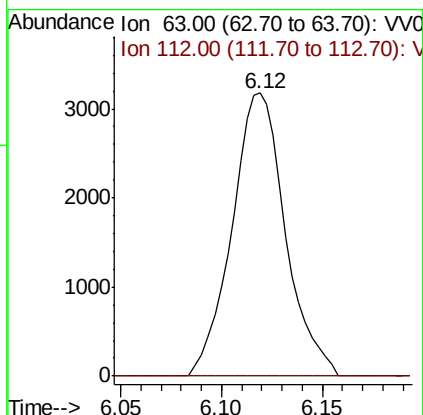
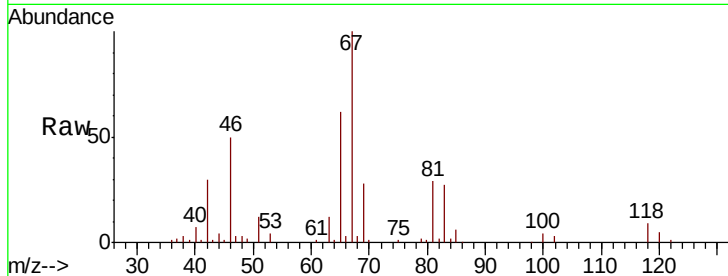




#40
 1,2-Dichloropropane
 Concen: 2.643 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009174.D
 Acq: 04 Jan 2019 22:17

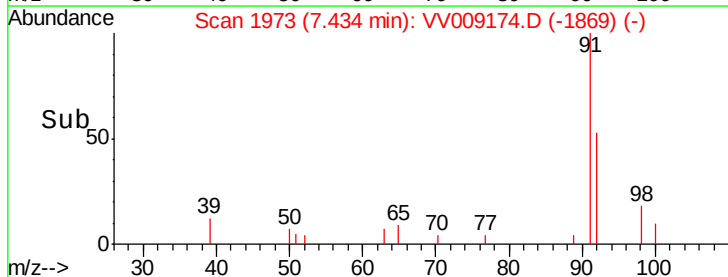
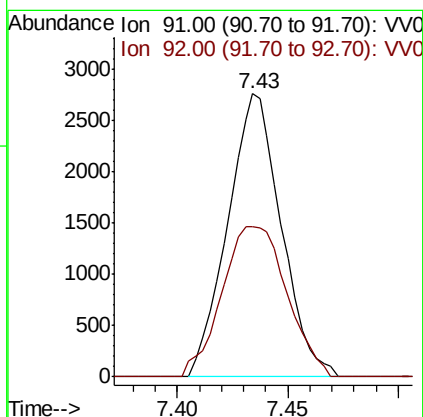
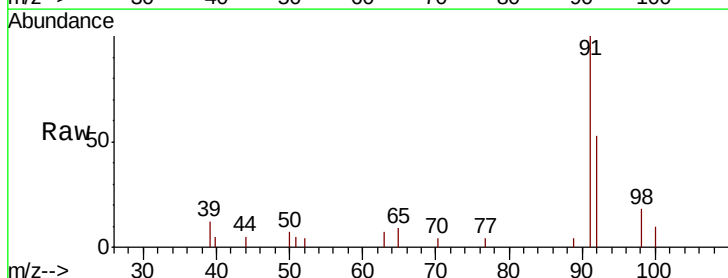
Instrument :
 MSVOA_V
 ClientSampled :
 BE9X2

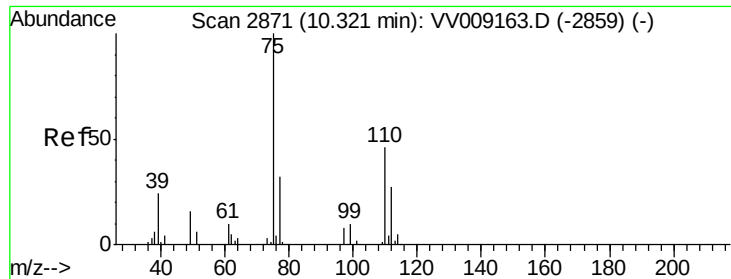
Tgt Ion: 63 Resp: 5877
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#44
 Toluene
 Concen: 0.468 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009174.D
 Acq: 04 Jan 2019 22:17

Tgt Ion: 91 Resp: 4650
 Ion Ratio Lower Upper
 91 100
 92 53.1 41.7 77.5





#59
 1,2,3-Trichloropropane
 Concen: 4.419 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009174.D
 Acq: 04 Jan 2019 22:17

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X2

Tgt Ion: 75 Resp: 9299
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.0 37.6

