

Data File : VV009320.D
Acq On : 21 Feb 2019 13:08
Operator : SY/MD
Sample : K1543-04
Misc : 3.97G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5X1

Quant Time: Feb 22 04:56:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 04:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158091	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145471	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66851	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48788	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	69143	27.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.16%
10) 1,1-Dichloroethene-d2	2.13	63	98317	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.04%
20) 2-Butanone-d5	3.95	46	27027	36.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.44%
24) Chloroform-d	4.40	84	88562	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	5.08	65	50679	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.84%
29) Benzene-d6	5.10	84	185999	25.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.96%
33) 1,2-Dichloropropane-d6	6.12	67	59021	27.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.96%
37) Toluene-d8	7.36	98	174880	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.72%
38) trans-1,3-Dichloropropene-	7.67	79	26161	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.92%
39) 2-Hexanone-d5	8.14	63	24985	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56060	23.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	62148	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds

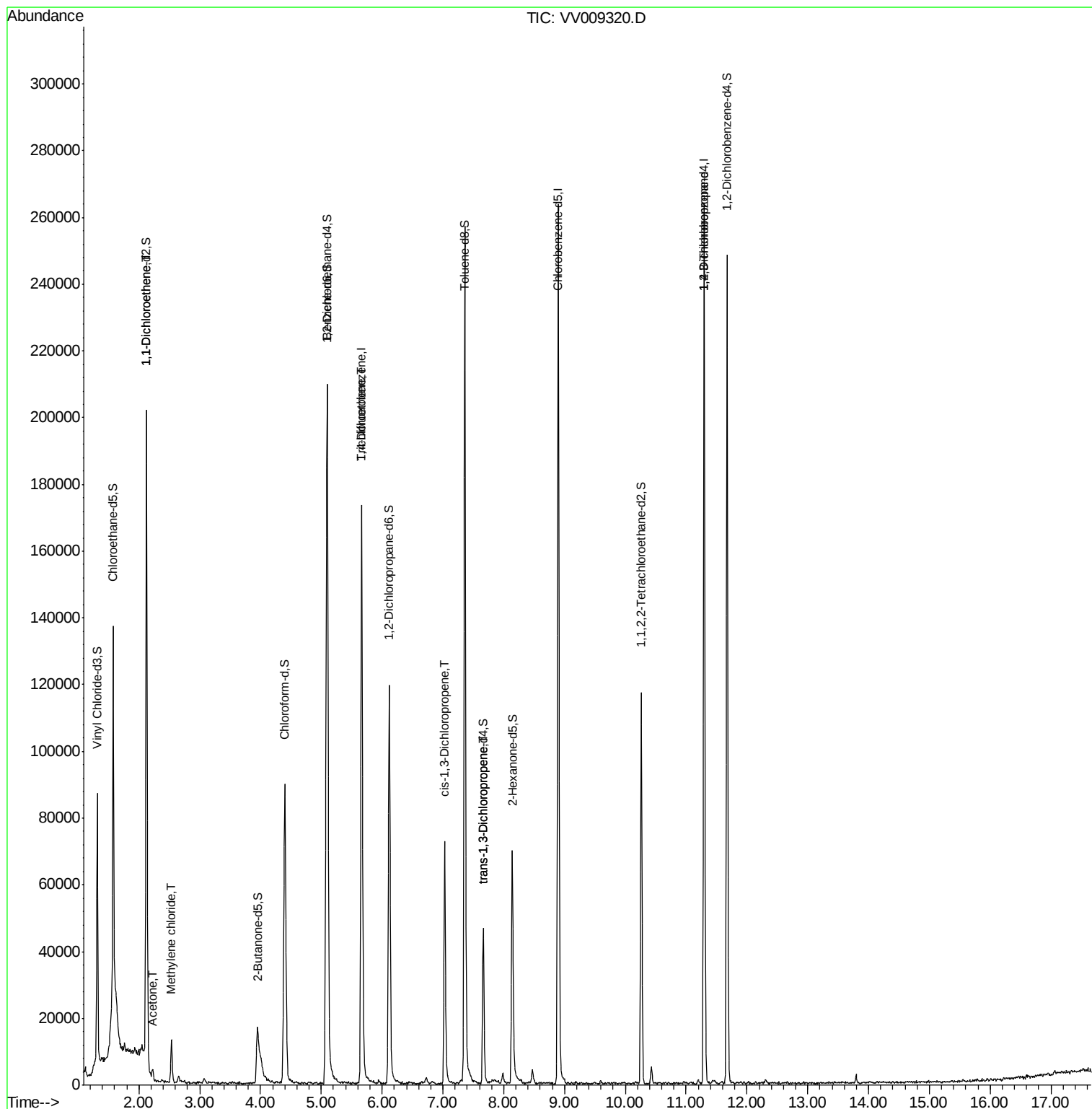
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1149	0.495 ug/L #	1
13) Acetone	2.21	43	832	1.156 ug/L	57
16) Methylene chloride	2.53	84	5829	2.437 ug/L	98
35) Trichloroethene	5.66	95	4244	1.918 ug/L #	4
42) cis-1,3-Dichloropropene	7.03	75	2097	0.640 ug/L #	74
45) trans-1,3-Dichloropropene	7.66	75	1333	0.465 ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	9491	5.460 ug/L	95

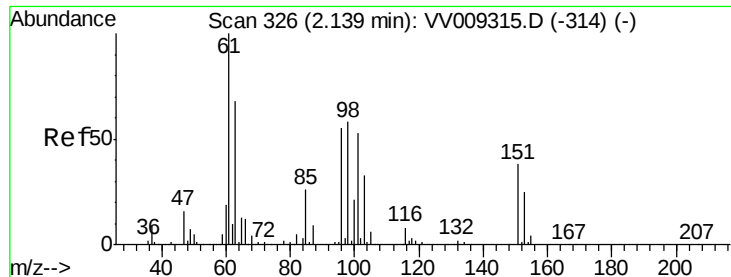
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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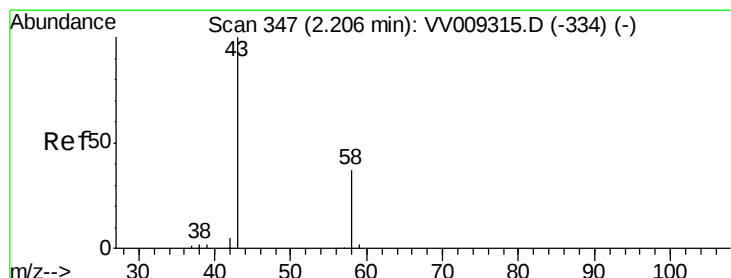
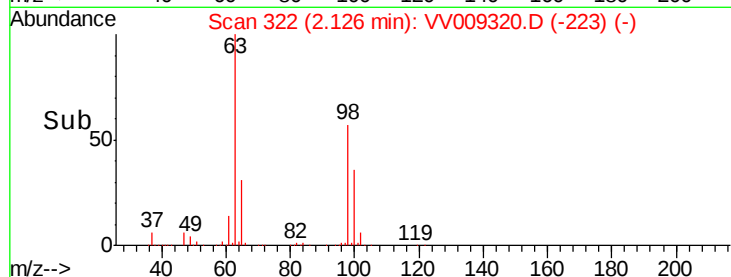
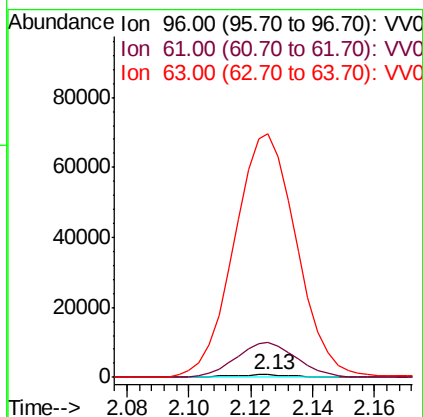
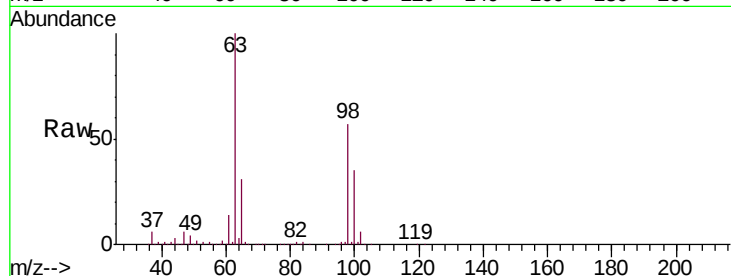




#12
 1,1-Dichloroethene
 Concen: 0.495 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV009320.D
 Acq: 21 Feb 2019 13:08

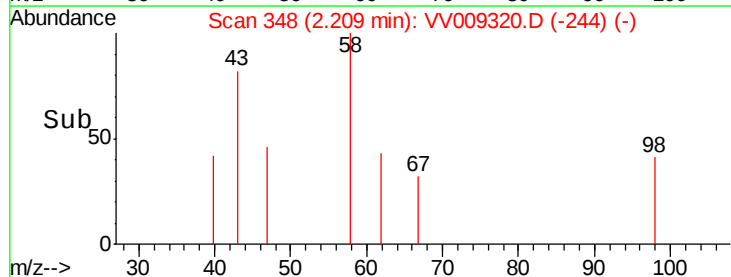
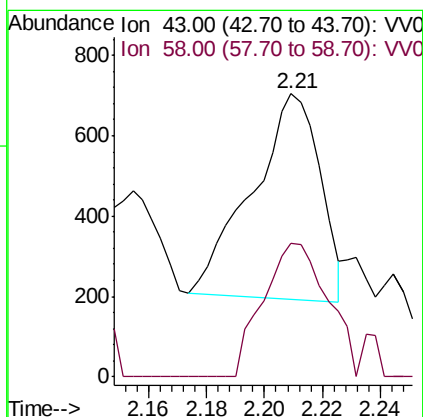
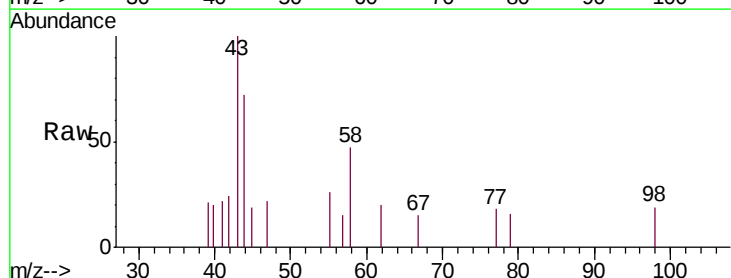
Instrument :
 MSVOA_V
 ClientSampleId :
 BF5X1

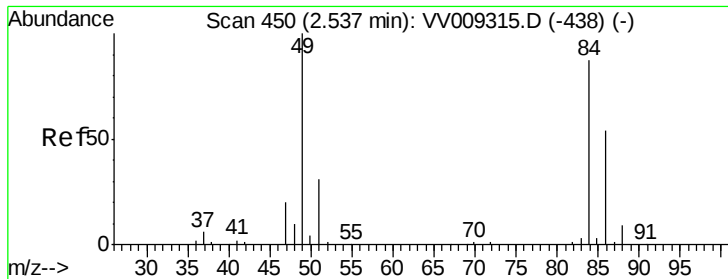
Tgt Ion: 96 Resp: 1149
 Ion Ratio Lower Upper
 96 100
 61 1355.4 123.3 228.9#
 63 9494.1 88.4 164.2#



#13
 Acetone
 Concen: 1.156 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VV009320.D
 Acq: 21 Feb 2019 13:08

Tgt Ion: 43 Resp: 832
 Ion Ratio Lower Upper
 43 100
 58 61.5 0.0 72.0

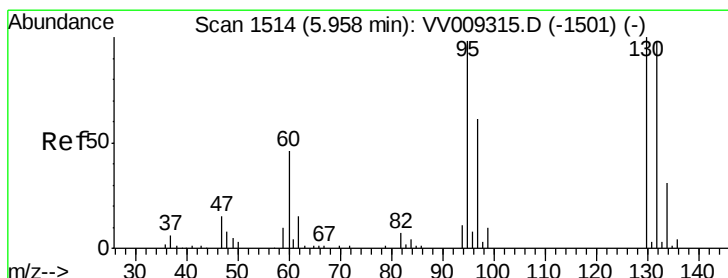
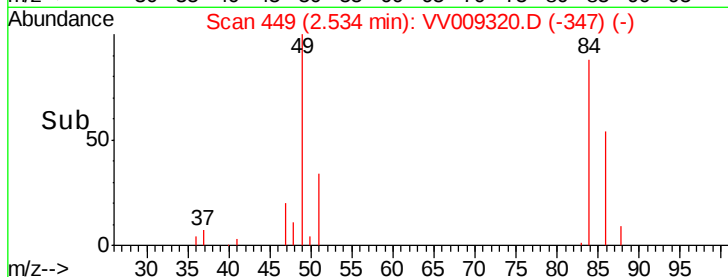
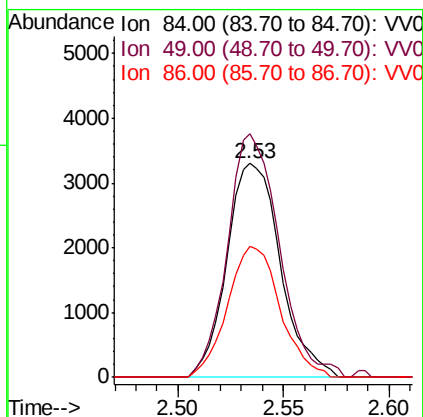
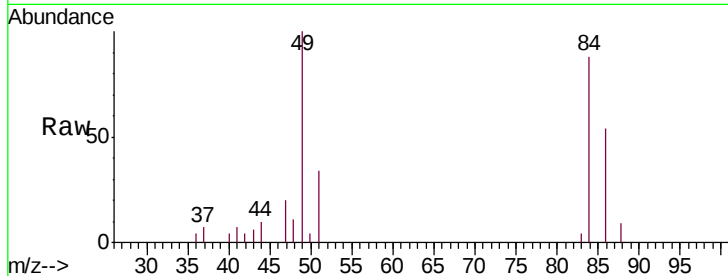




#16
Methylene chloride
Concen: 2.437 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009320.D
Acq: 21 Feb 2019 13:08

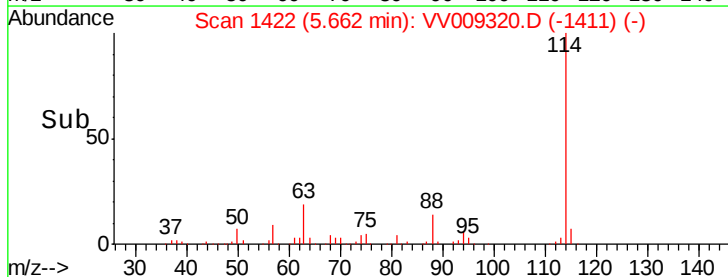
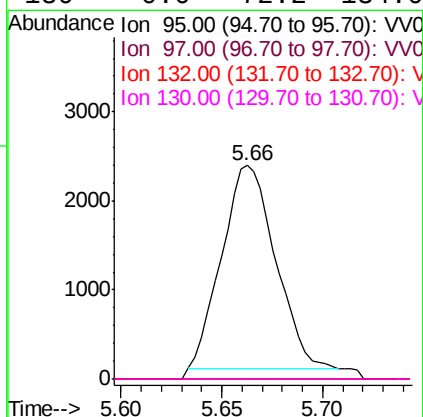
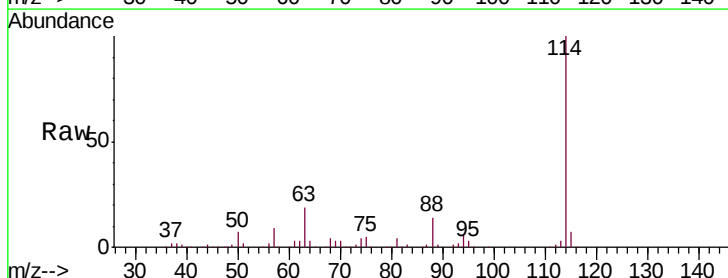
Instrument :
MSVOA_V
ClientSampleId :
BF5X1

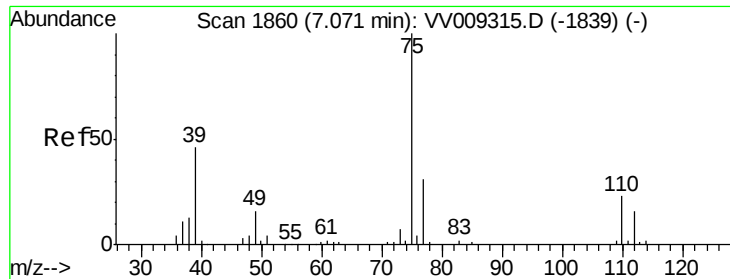
Tgt Ion: 84 Resp: 5829
Ion Ratio Lower Upper
84 100
49 114.0 78.7 146.1
86 61.3 44.0 81.6



#35
Trichloroethene
Concen: 1.918 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009320.D
Acq: 21 Feb 2019 13:08

Tgt Ion: 95 Resp: 4244
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 68.7 127.5#
130 0.0 72.2 134.0#



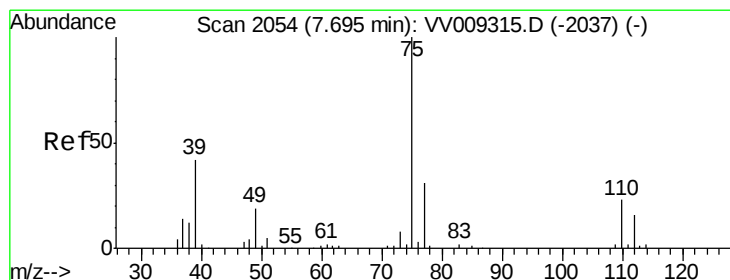
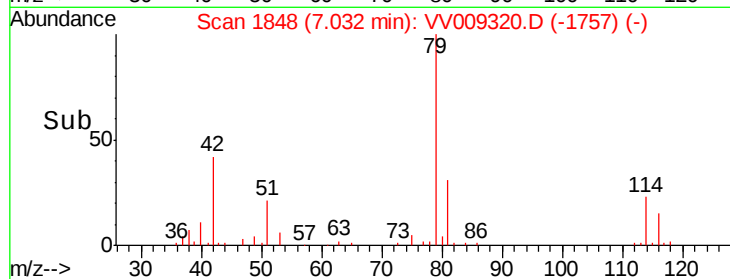
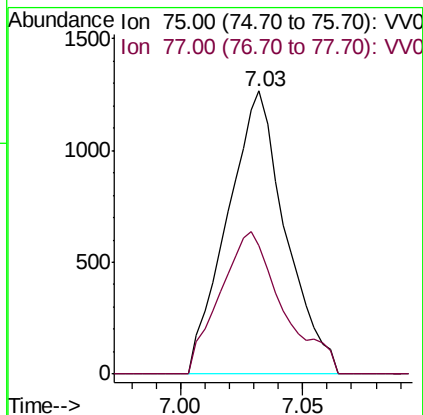
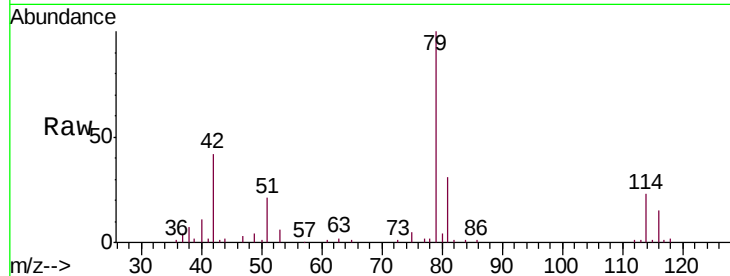


#42

cis-1,3-Dichloropropene
Concen: 0.640 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009320.D
Acq: 21 Feb 2019 13:08

Instrument :
MSVOA_V
ClientSampled :
BF5X1

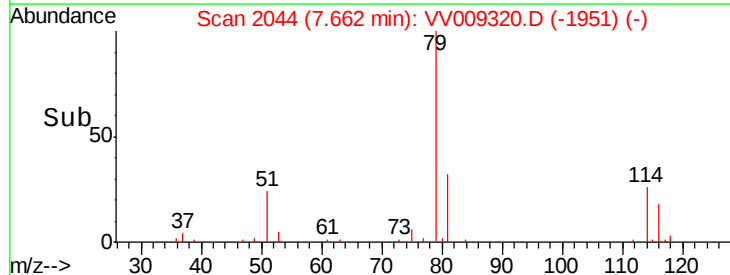
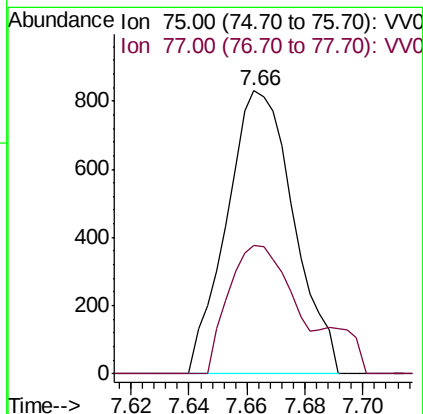
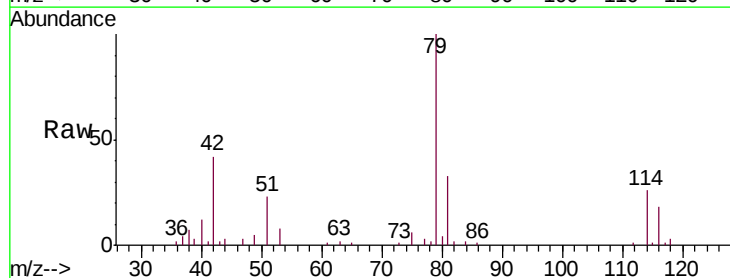
Tgt Ion: 75 Resp: 2097
Ion Ratio Lower Upper
75 100
77 45.5 22.0 40.8#

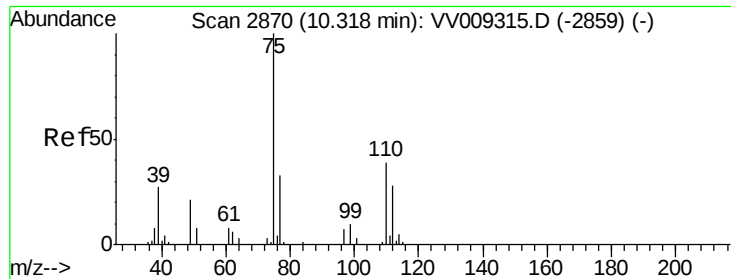


#45

trans-1,3-Dichloropropene
Concen: 0.465 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009320.D
Acq: 21 Feb 2019 13:08

Tgt Ion: 75 Resp: 1333
Ion Ratio Lower Upper
75 100
77 45.5 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 5.460 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV009320.D
 Acq: 21 Feb 2019 13:08

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5X1

Tgt Ion: 75 Resp: 9491
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.3 39.5

