

Data File : VV009948.D
Acq On : 28 Mar 2019 01:13
Operator : SY/MD
Sample : K2101-21
Misc : 5.29G/10mL/MSVOA_V/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0LO

Quant Time: Mar 28 07:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164175	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143061	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76941	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
7) Chloroethane-d5	1.55	69	90715	25.21	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	2.11	63	121833	13.37	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.48%
20) 2-Butanone-d5	3.92	46	31752	51.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.30%
24) Chloroform-d	4.39	84	76123	18.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.80%
26) 1,2-Dichloroethane-d4	5.07	65	65613	26.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.28%
29) Benzene-d6	5.09	84	220026	29.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.16%
33) 1,2-Dichloropropane-d6	6.11	67	68232	31.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.16%#
37) Toluene-d8	7.36	98	180076	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.28%
38) trans-1,3-Dichloropropene-	7.66	79	20236	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.04%
39) 2-Hexanone-d5	8.13	63	20990	51.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49978	22.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	43278	25.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.00%

Target Compounds

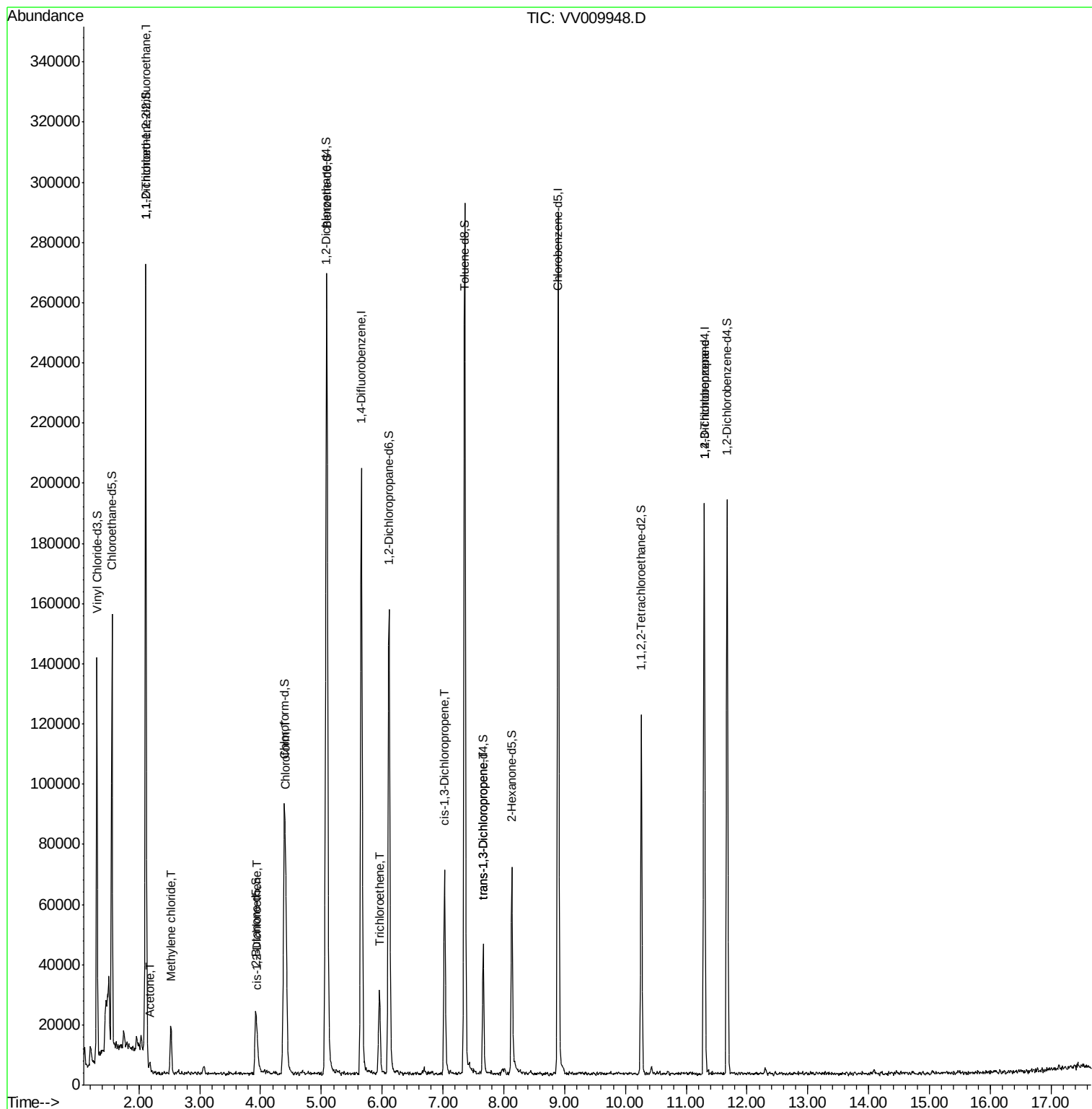
						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3640	0.769	ug/L #	63
13) Acetone	2.19	43	1336	1.421	ug/L	99
16) Methylene chloride	2.53	84	6479	2.396	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	1325	0.558	ug/L #	75
25) Chloroform	4.42	83	34912	8.026	ug/L	98
35) Trichloroethene	5.96	95	8050	3.885	ug/L	94
42) cis-1,3-Dichloropropene	7.03	75	2212	0.773	ug/L	92
45) trans-1,3-Dichloropropene	7.66	75	1524	0.650	ug/L	90
59) 1,2,3-Trichloropropane	11.30	75	6920	4.381	ug/L #	85

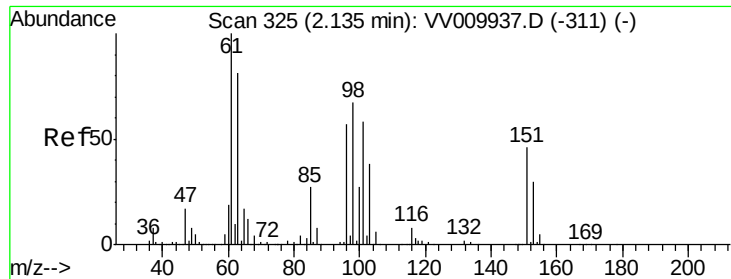
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009948.D
Acq On : 28 Mar 2019 01:13
Operator : SY/MD
Sample : K2101-21
Misc : 5.29G/10mL/MSVOA_V/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0L0

Quant Time: Mar 28 07:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.769 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV009948.D

Acq: 28 Mar 2019 01:13

Instrument :

MSVOA_V

ClientSampled :

BF0L0

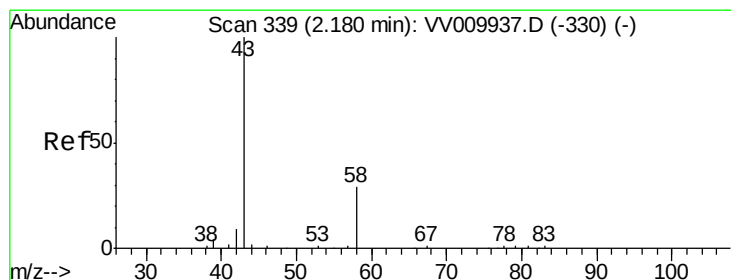
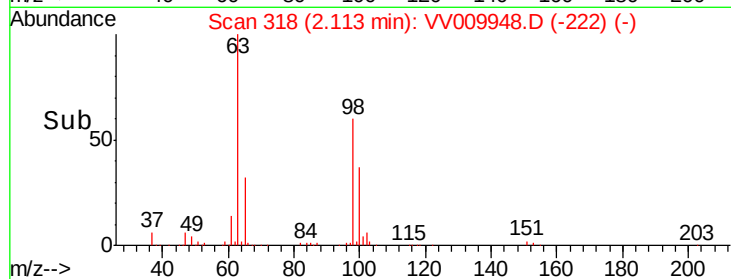
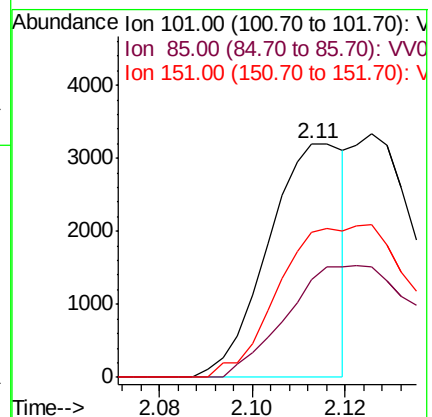
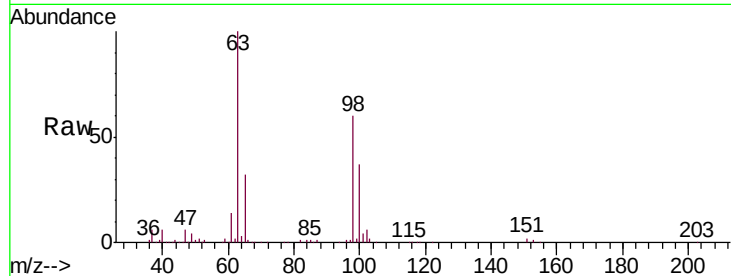
Tgt Ion: 101 Resp: 3640

Ion Ratio Lower Upper

101 100

85 84.6 36.9 55.3#

151 57.7 63.6 95.4#



#13

Acetone

Concen: 1.421 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV009948.D

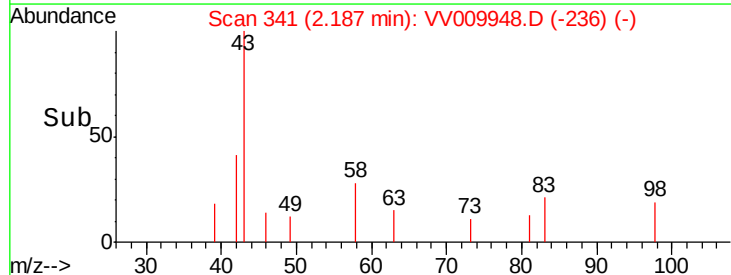
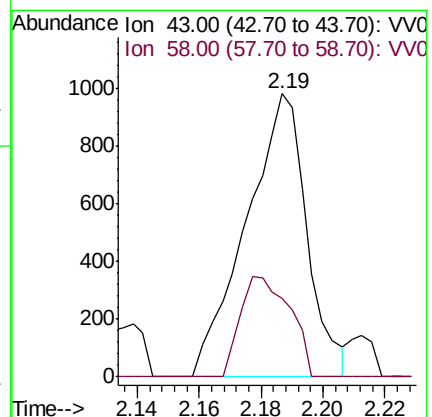
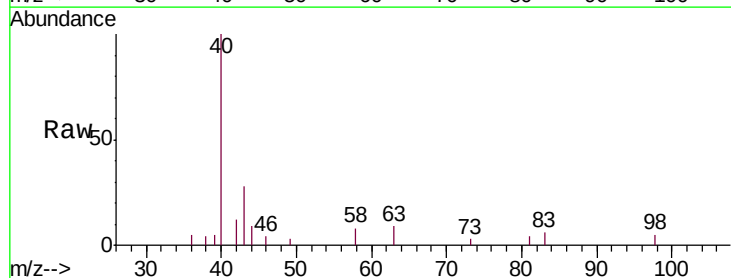
Acq: 28 Mar 2019 01:13

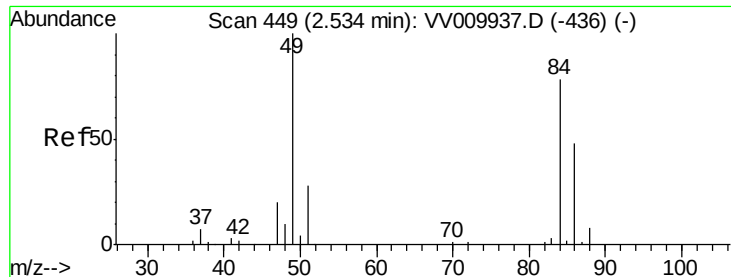
Tgt Ion: 43 Resp: 1336

Ion Ratio Lower Upper

43 100

58 28.9 0.0 59.4

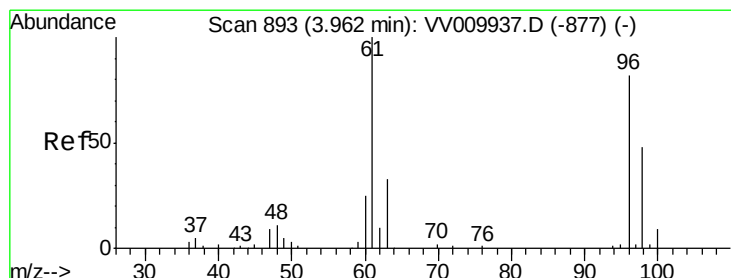
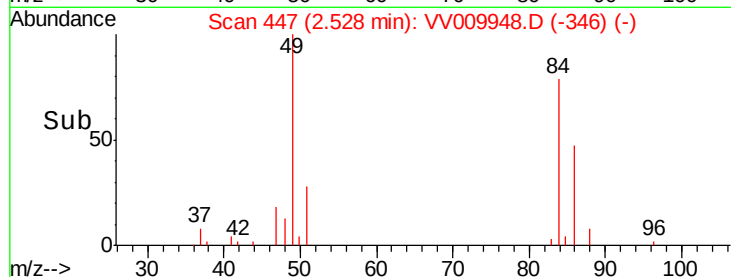
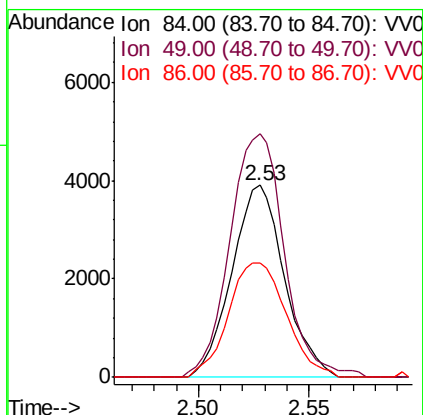
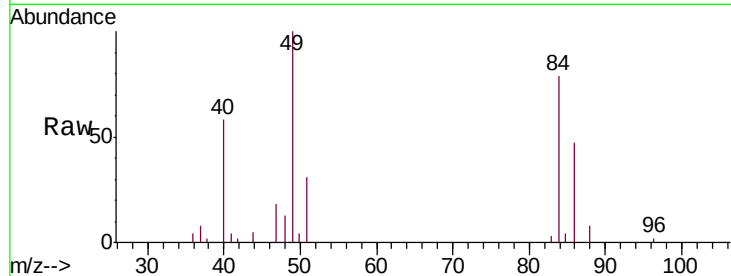




#16
Methylene chloride
Concen: 2.396 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV009948.D
Acq: 28 Mar 2019 01:13

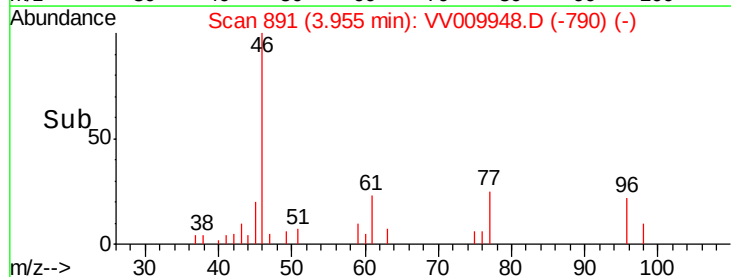
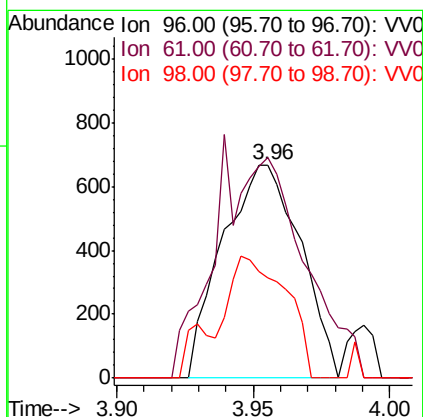
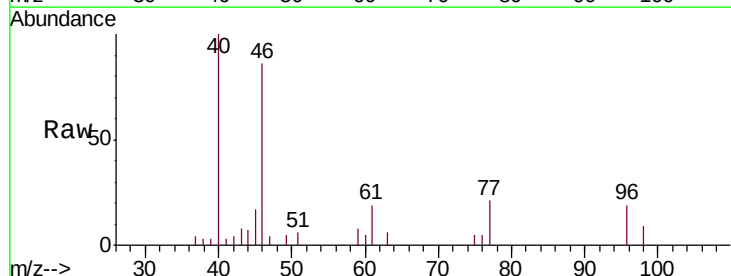
Instrument :
MSVOA_V
ClientSampleId :
BF0LO

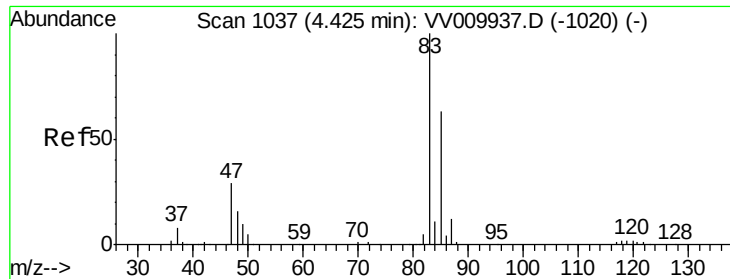
Tgt Ion: 84 Resp: 6479
Ion Ratio Lower Upper
84 100
49 126.8 90.4 167.8
86 59.6 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 0.558 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV009948.D
Acq: 28 Mar 2019 01:13

Tgt Ion: 96 Resp: 1325
Ion Ratio Lower Upper
96 100
61 103.3 91.4 169.8
98 46.8 48.0 89.2#

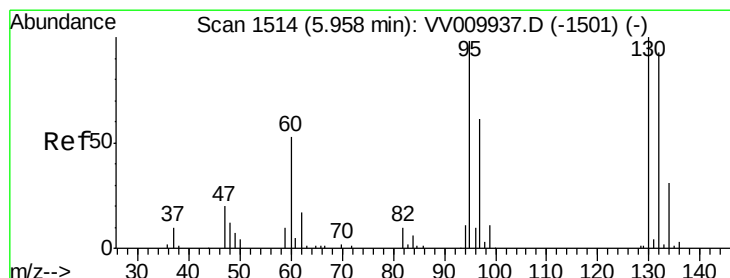
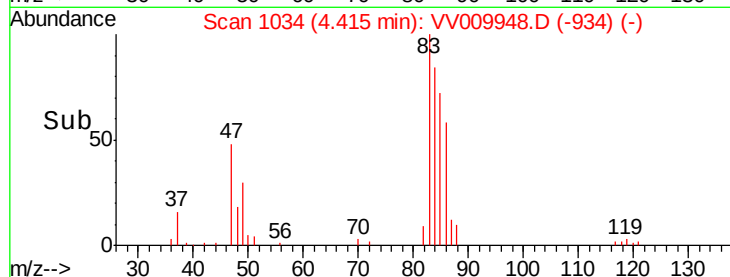
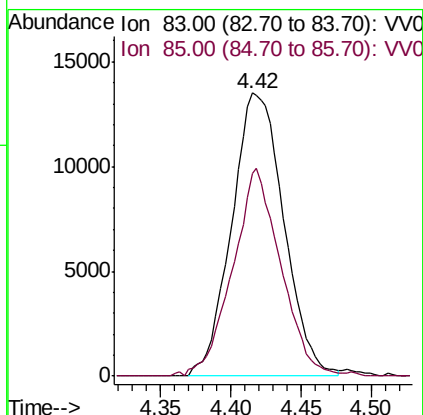
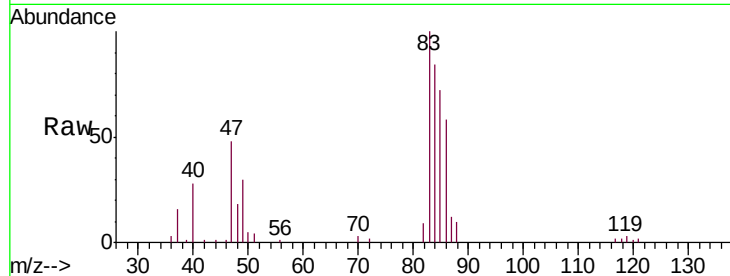




#25
Chloroform
Concen: 8.026 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV009948.D
Acq: 28 Mar 2019 01:13

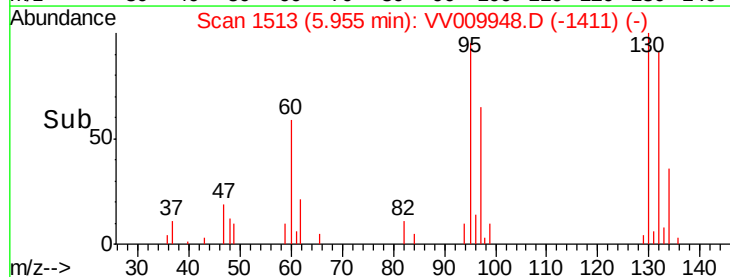
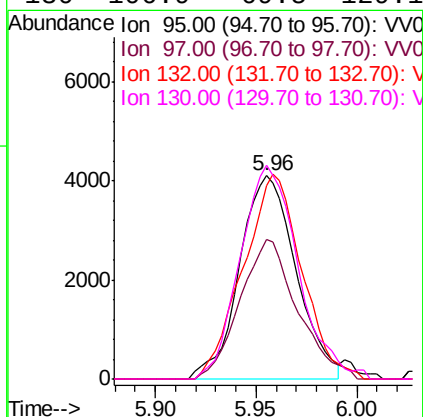
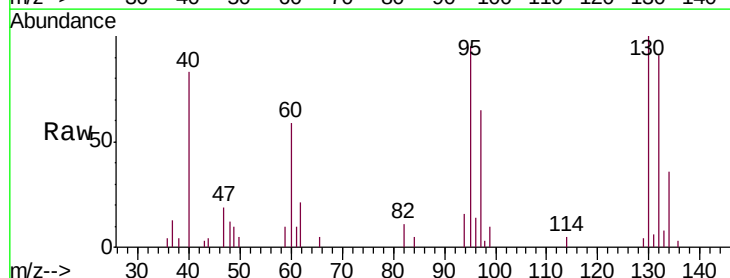
Instrument :
MSVOA_V
ClientSampleId :
BF0L0

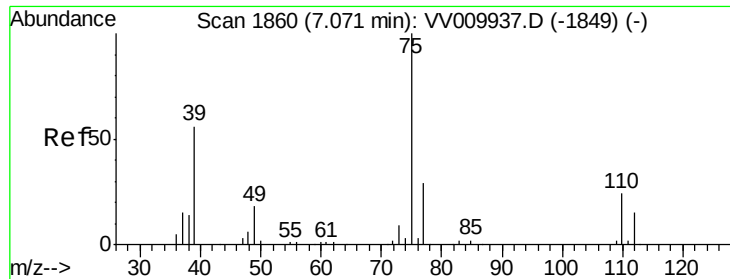
Tgt Ion: 83 Resp: 34912
Ion Ratio Lower Upper
83 100
85 67.5 46.1 85.7



#35
Trichloroethene
Concen: 3.885 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV009948.D
Acq: 28 Mar 2019 01:13

Tgt Ion: 95 Resp: 8050
Ion Ratio Lower Upper
95 100
97 69.6 46.3 85.9
132 104.0 69.3 128.7
130 106.9 69.5 129.1

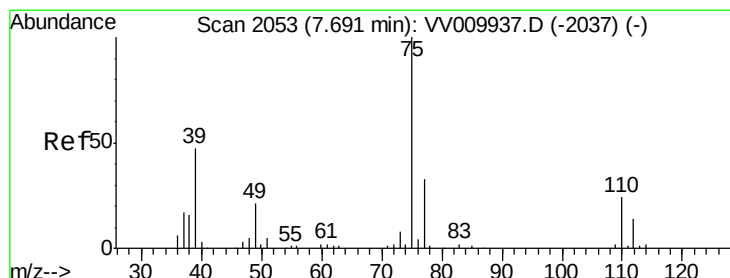
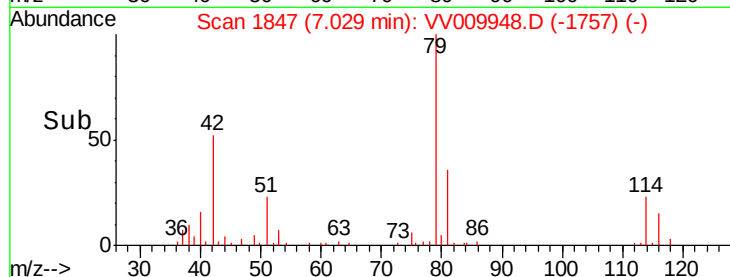
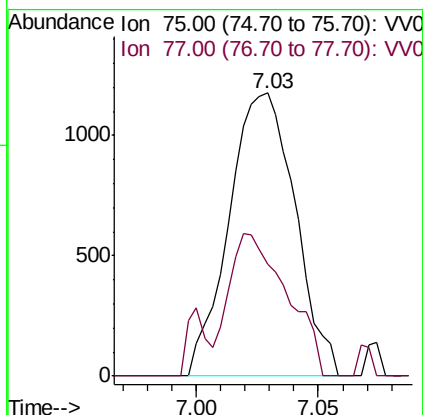
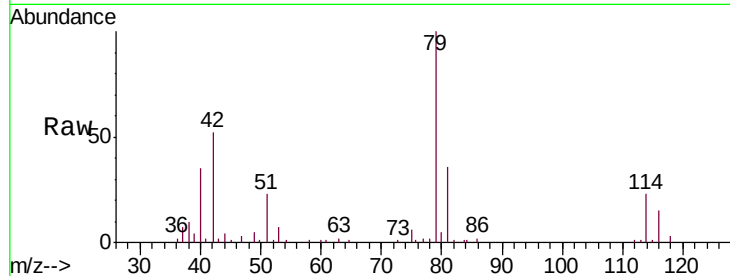




#42
 cis-1,3-Dichloropropene
 Concen: 0.773 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009948.D
 Acq: 28 Mar 2019 01:13

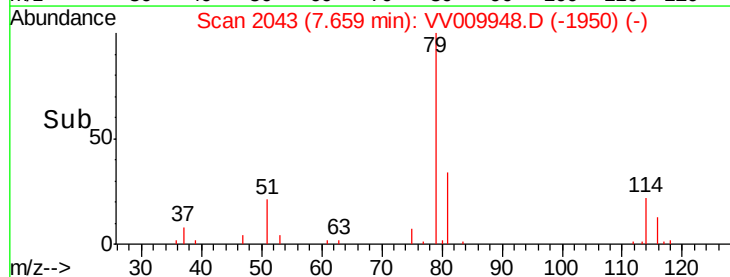
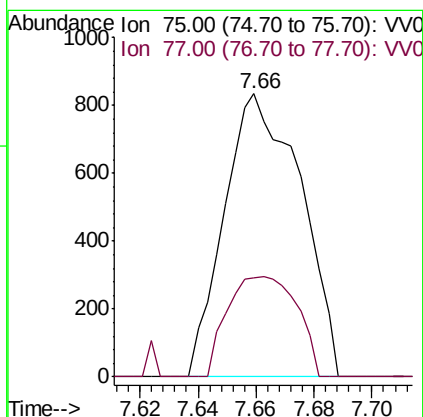
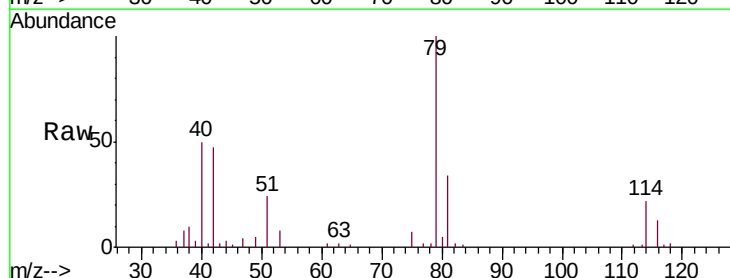
Instrument :
 MSVOA_V
 ClientSampled :
 BF0L0

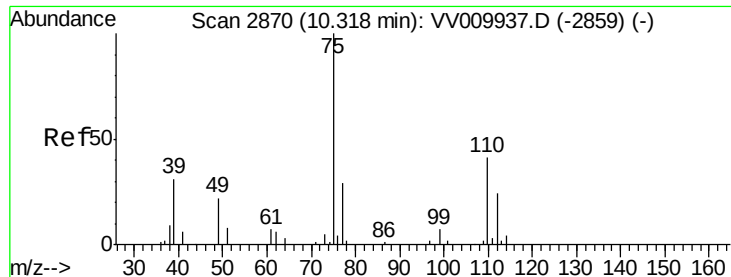
Tgt Ion: 75 Resp: 2212
 Ion Ratio Lower Upper
 75 100
 77 35.4 21.8 40.6



#45
 trans-1,3-Dichloropropene
 Concen: 0.650 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV009948.D
 Acq: 28 Mar 2019 01:13

Tgt Ion: 75 Resp: 1524
 Ion Ratio Lower Upper
 75 100
 77 34.9 20.7 38.5





#59

1,2,3-Trichloropropane

Concen: 4.381 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009948.D

Acq: 28 Mar 2019 01:13

Instrument :

MSVOA_V

ClientSampleId :

BF0L0

Tgt Ion: 75 Resp: 6920

Ion Ratio Lower Upper

75 100

77 41.0 26.2 39.2#

