

Data File : VV008714.D
Acq On : 26 Nov 2018 14:56
Operator : SY/MD
Sample : J6036-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0926

Quant Time: Nov 27 03:14:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	273020	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	254896	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107524	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80353	41.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.44%
7) Chloroethane-d5	1.57	69	64672	61.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.92%
11) 1,1-Dichloroethene-d2	2.13	63	118366	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	3.93	46	143016	91.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.10%
24) Chloroform-d	4.40	84	185685	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	123667	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.10	84	388173	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
36) 1,2-Dichloropropane-d6	6.12	67	122981	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.36	98	350394	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%
43) trans-1,3-Dichloropropene-	7.66	79	52595	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.88%
47) 2-Hexanone-d5	8.13	63	96567	86.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.17%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	151655	44.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.72%
64) 1,2-Dichlorobenzene-d4	11.68	152	122013	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	1122	0.419	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1122	0.727	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1059	0.764	ug/L #	1
25) Chloroform	4.42	83	11009	2.868	ug/L	97
35) Methylcyclohexane	6.12	83	28088	7.833	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	13644	6.164	ug/L #	94
39) cis-1,3-Dichloropropene	7.03	75	3558	1.131	ug/L #	75
44) trans-1,3-Dichloropropene	7.67	75	2577	0.901	ug/L #	82
59) 1,2,3-Trichloropropane	11.30	75	12728	4.540	ug/L	93
65) 1,2-Dichlorobenzene	11.69	146	4774	1.284	ug/L	92

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

Data File : VV008714.D

Acq On : 26 Nov 2018 14:56

Operator : SY/MD

Sample : J6036-03

Misc : 5.0 mL/MSVOA_V/WATER

```
ALS Vial      : 7      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
C0926

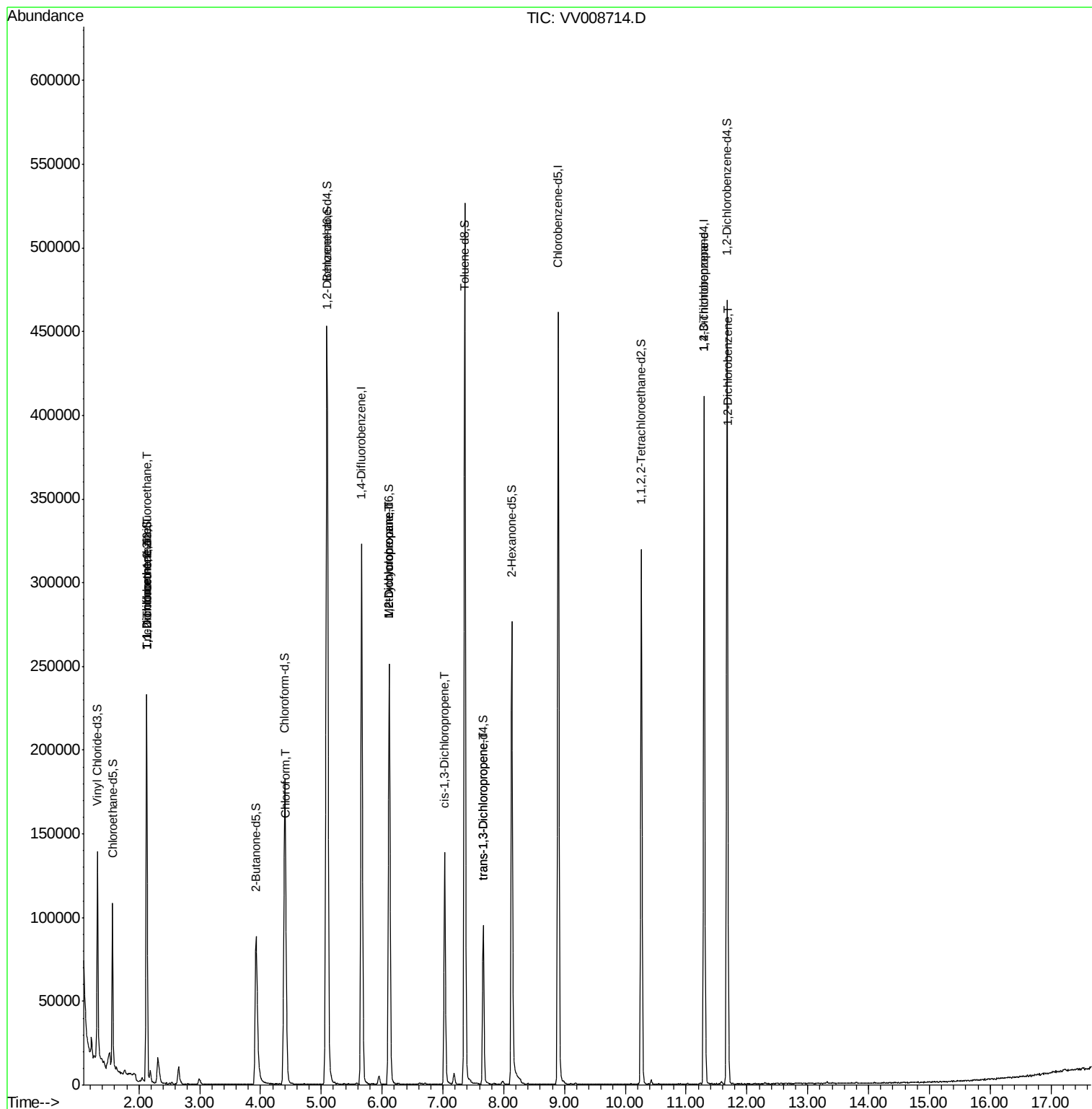
Quant Time: Nov 27 03:14:10 2018

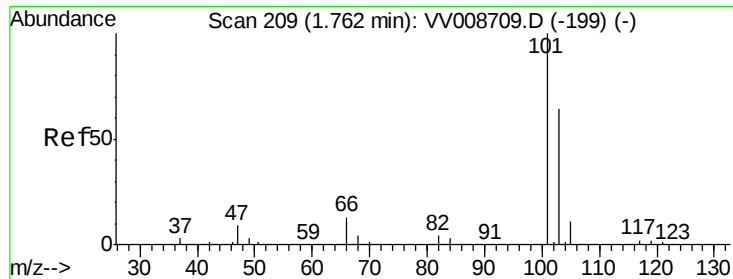
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM112018WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Nov 27 03:11:05 2018

Response via : Initial Calibration



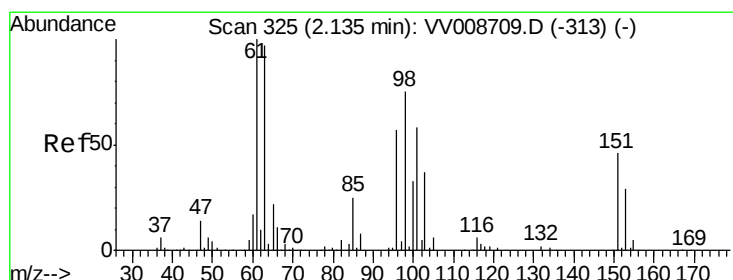
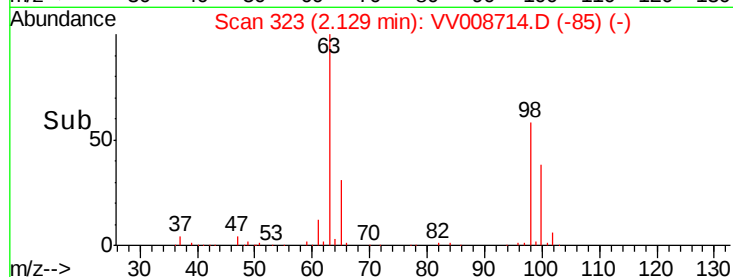
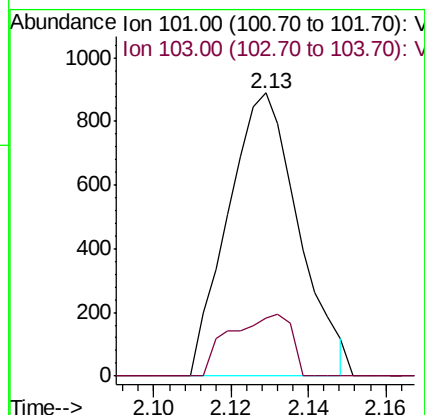
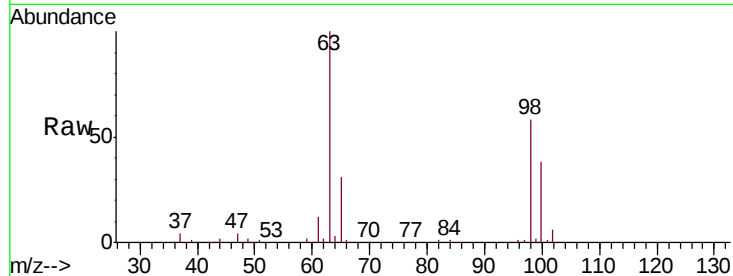


#9

Trichlorofluoromethane
 Concen: 0.419 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008714.D
 Acq: 26 Nov 2018 14:56

Instrument :
 MSVOA_V
 ClientSampleId :
 C0926

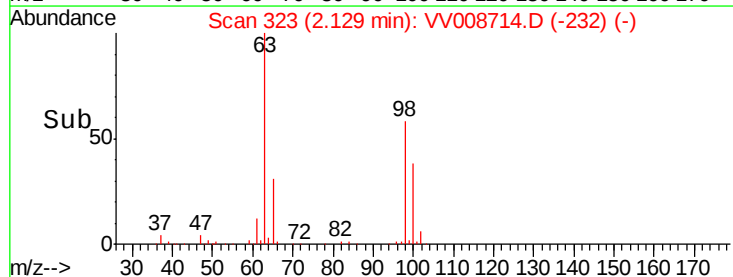
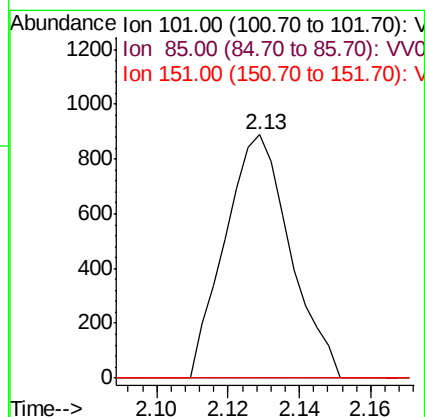
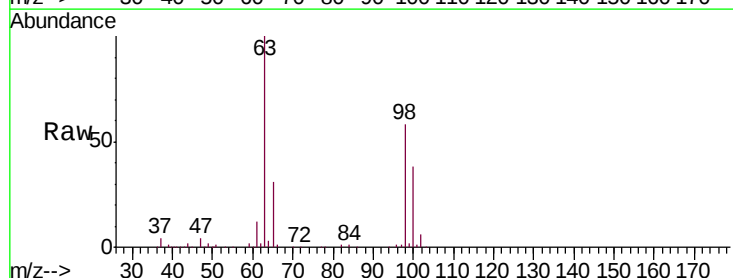
Tgt Ion:101 Resp: 1122
 Ion Ratio Lower Upper
 101 100
 103 19.0 50.2 75.4#

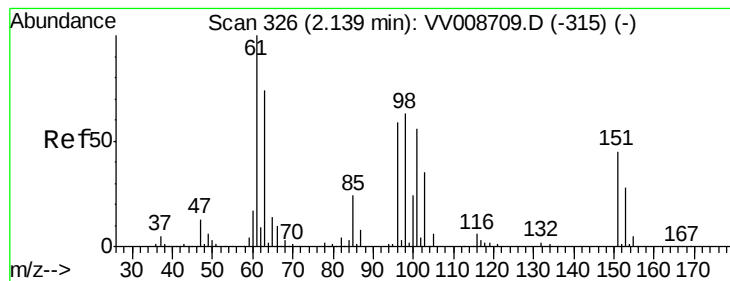


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.727 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008714.D
 Acq: 26 Nov 2018 14:56

Tgt Ion:101 Resp: 1122
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.0 55.6#
 151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 0.764 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008714.D

Acq: 26 Nov 2018 14:56

Instrument :

MSVOA_V

ClientSampleId :

C0926

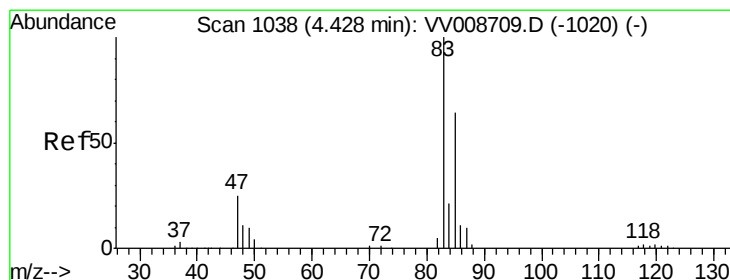
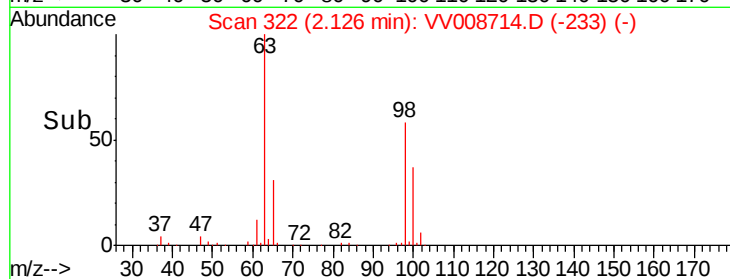
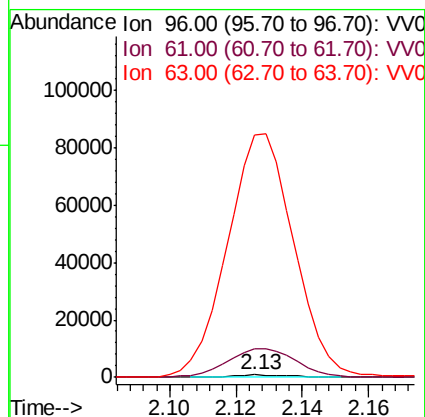
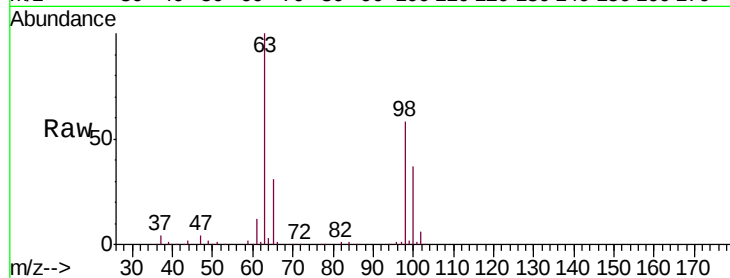
Tgt Ion: 96 Resp: 1059

Ion Ratio Lower Upper

96 100

61 1168.1 120.3 223.3#

63 10026.2 113.3 210.5#



#25

Chloroform

Concen: 2.868 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV008714.D

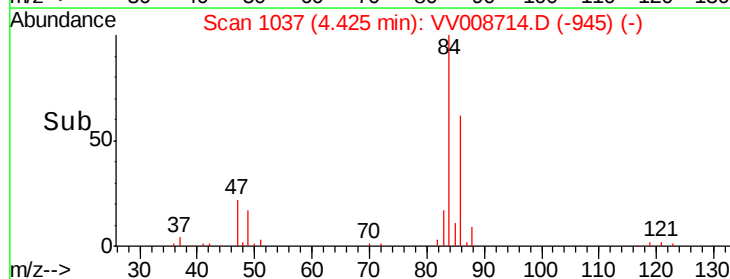
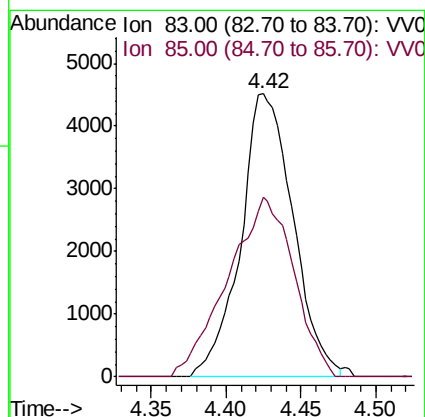
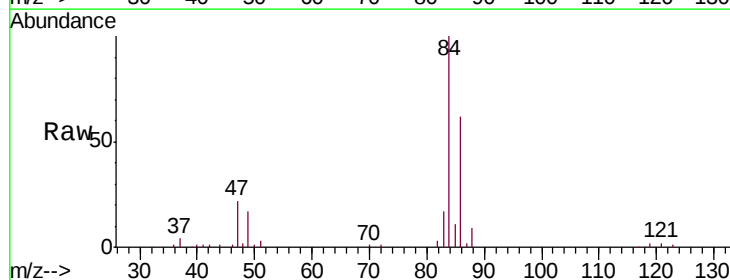
Acq: 26 Nov 2018 14:56

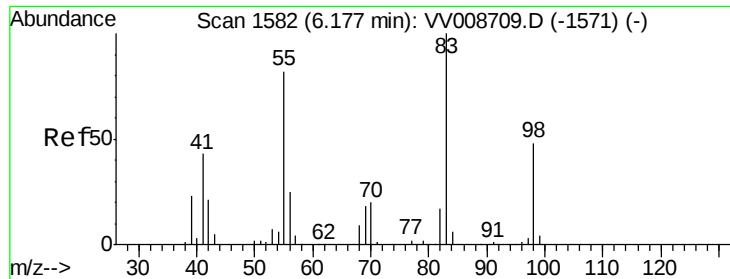
Tgt Ion: 83 Resp: 11009

Ion Ratio Lower Upper

83 100

85 63.4 42.8 79.4

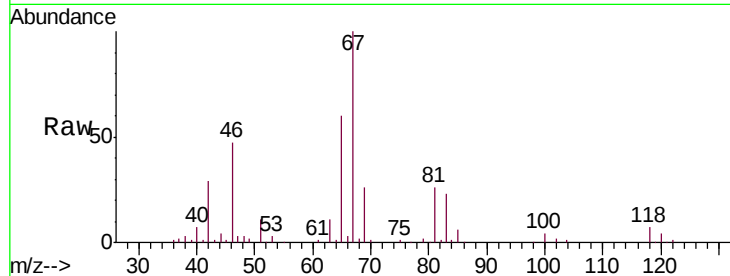




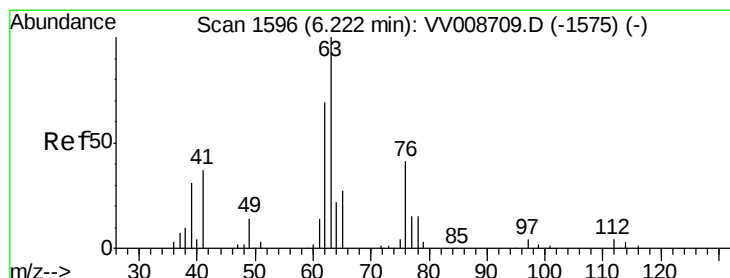
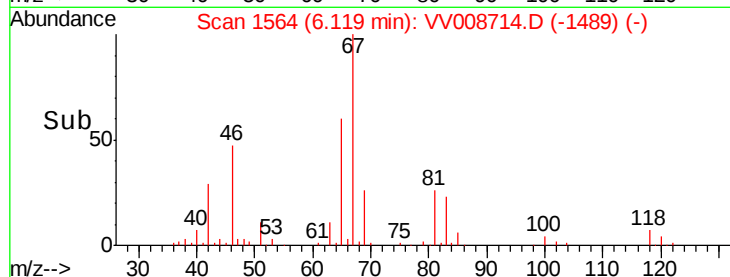
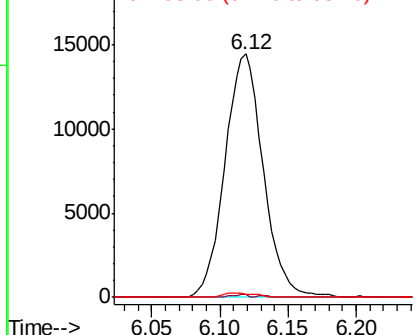
#35
Methylcyclohexane
Concen: 7.833 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008714.D
Acq: 26 Nov 2018 14:56

Instrument :
MSVOA_V
ClientSampleId :
C0926

Tgt Ion: 83 Resp: 28088
Ion Ratio Lower Upper
83 100
55 0.3 63.0 94.6#
98 1.4 35.4 53.0#

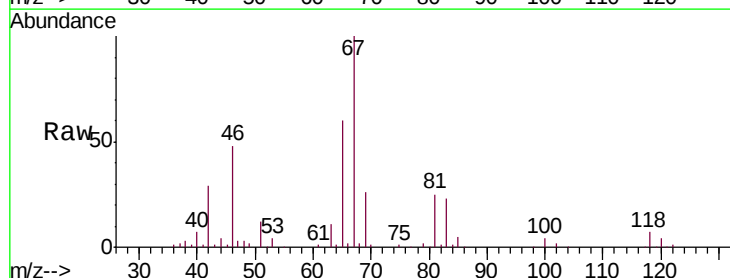


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

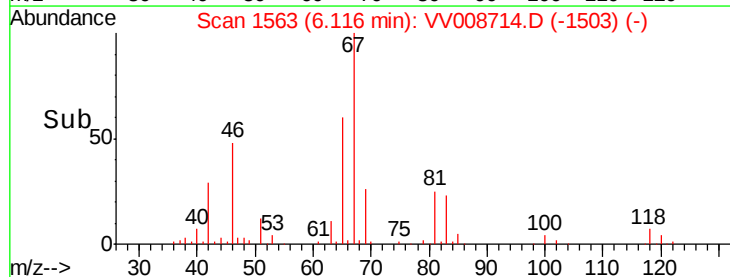
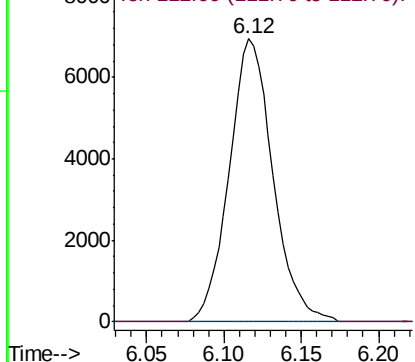


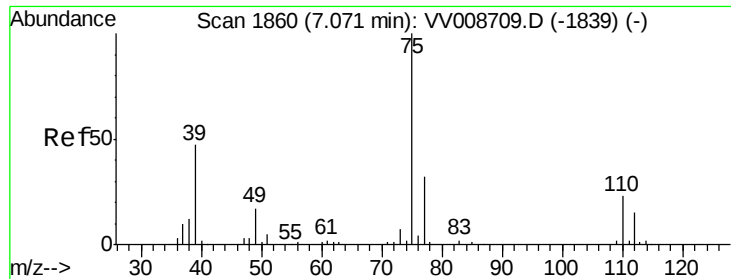
#37
1,2-Dichloropropane
Concen: 6.164 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV008714.D
Acq: 26 Nov 2018 14:56

Tgt Ion: 63 Resp: 13644
Ion Ratio Lower Upper
63 100
112 0.0 1.6 2.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

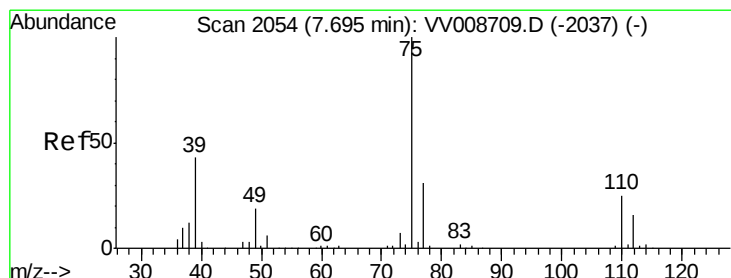
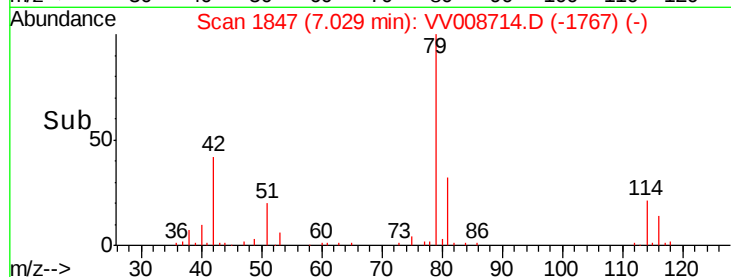
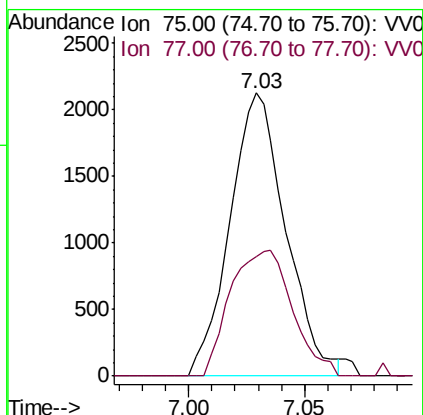
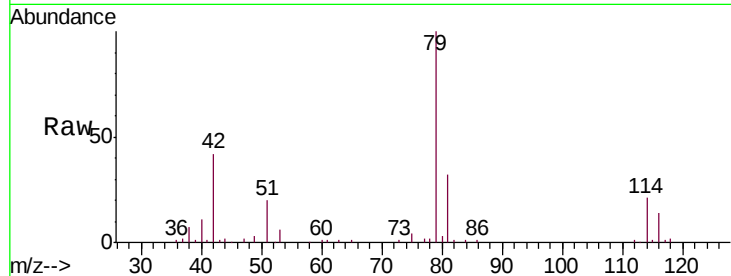




#39
 cis-1,3-Dichloropropene
 Concen: 1.131 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008714.D
 Acq: 26 Nov 2018 14:56

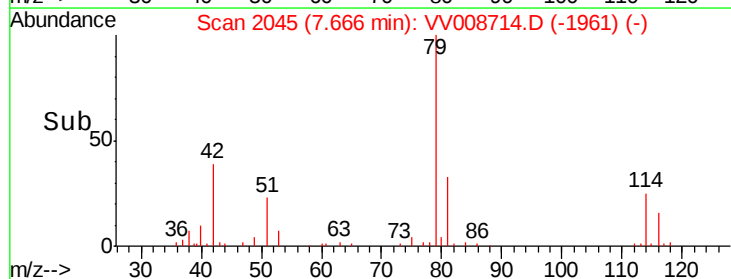
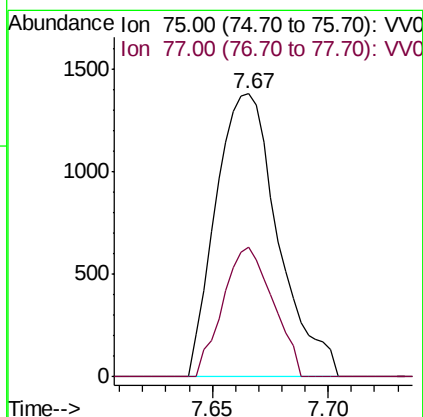
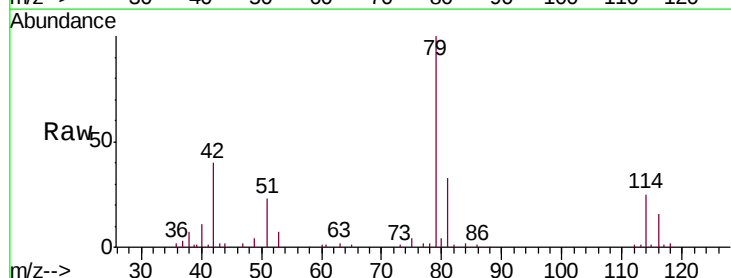
Instrument :
 MSVOA_V
 ClientSampleId :
 C0926

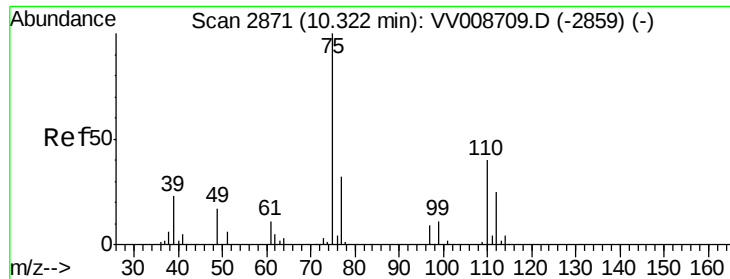
Tgt Ion: 75 Resp: 3558
 Ion Ratio Lower Upper
 75 100
 77 42.1 20.2 37.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.901 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008714.D
 Acq: 26 Nov 2018 14:56

Tgt Ion: 75 Resp: 2577
 Ion Ratio Lower Upper
 75 100
 77 45.9 24.6 45.8#

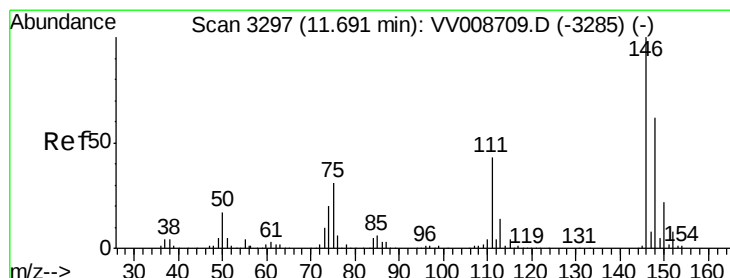
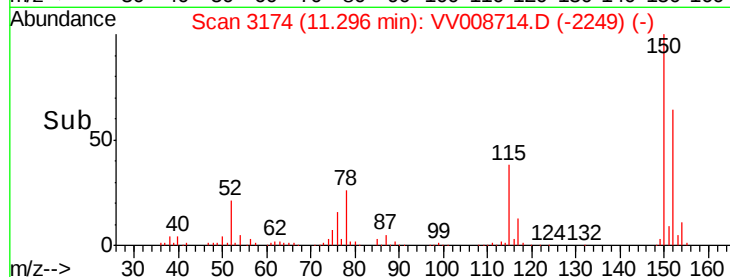
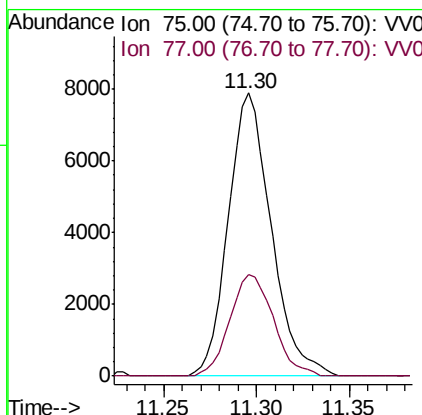
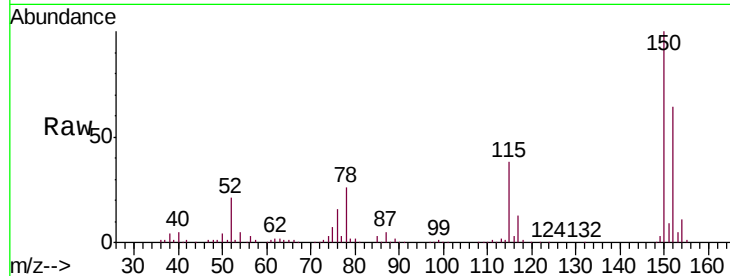




#59
 1,2,3-Trichloropropane
 Concen: 4.540 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008714.D
 Acq: 26 Nov 2018 14:56

Instrument :
 MSVOA_V
 ClientSampled :
 C0926

Tgt Ion: 75 Resp: 12728
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.0 39.0



#65
 1,2-Dichlorobenzene
 Concen: 1.284 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV008714.D
 Acq: 26 Nov 2018 14:56

Tgt Ion: 146 Resp: 4774
 Ion Ratio Lower Upper
 146 100
 111 41.0 36.5 54.7
 148 54.8 48.7 73.1

