

Data File : VV008955.D
Acq On : 15 Dec 2018 01:28
Operator : SY/MD
Sample : J6387-08
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLB0

Quant Time: Dec 15 04:07:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210217	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81040	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48667	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.28%
7) Chloroethane-d5	1.56	69	38004	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.38%
11) 1,1-Dichloroethene-d2	2.13	63	101738	35.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.18%
21) 2-Butanone-d5	3.93	46	89578	109.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.29%
24) Chloroform-d	4.41	84	120671	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.08	65	79936	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
32) Benzene-d6	5.10	84	245330	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
36) 1,2-Dichloropropane-d6	6.12	67	75482	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.36	98	225648	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%
43) trans-1,3-Dichloropropene-	7.67	79	34672	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.13	63	56375	97.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.47%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92030	45.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	81657	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%

Target Compounds

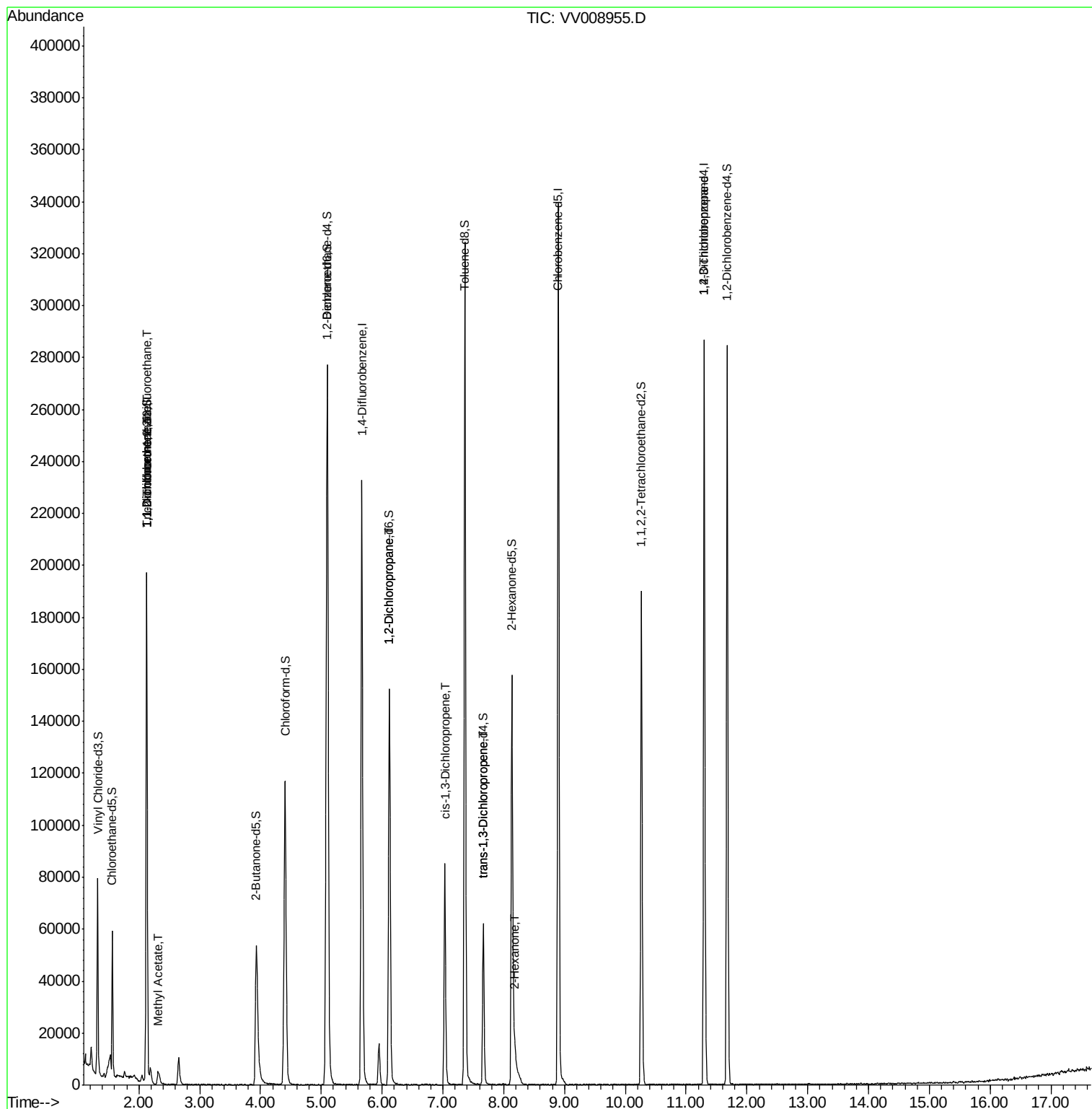
					Qvalue
9) Trichlorofluoromethane	2.13	101	903	0.385 ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	903	0.629 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	814	0.624 ug/L #	1
15) Methyl Acetate	2.32	43	2107	1.580 ug/L #	49
37) 1,2-Dichloropropane	6.12	63	8425	6.126 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2133	0.973 ug/L #	67
44) trans-1,3-Dichloropropene	7.67	75	1469	0.719 ug/L #	68
48) 2-Hexanone	8.19	43	3097	2.341 ug/L #	53
59) 1,2,3-Trichloropropane	11.30	75	8857	5.114 ug/L	90

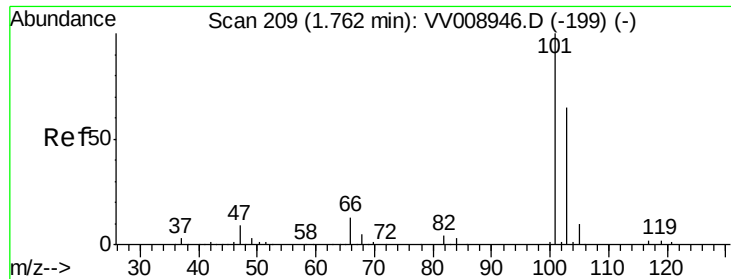
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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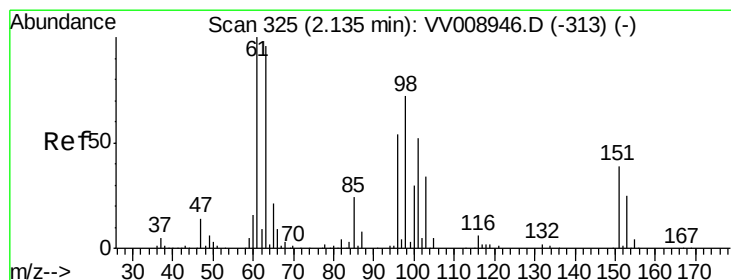
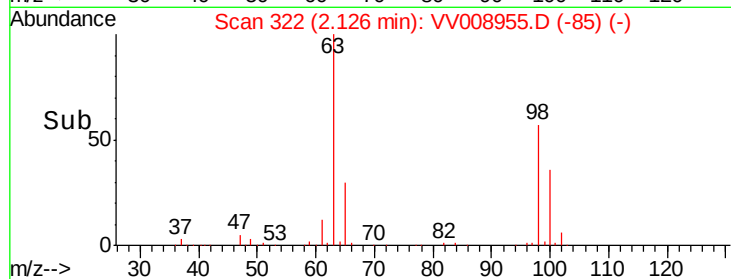
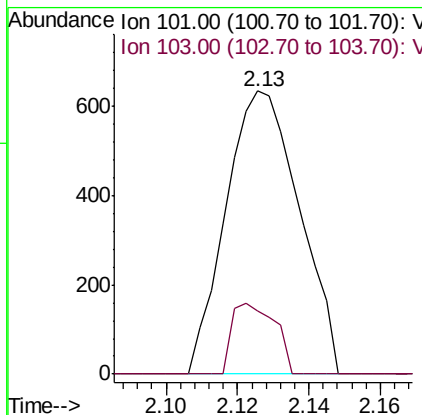
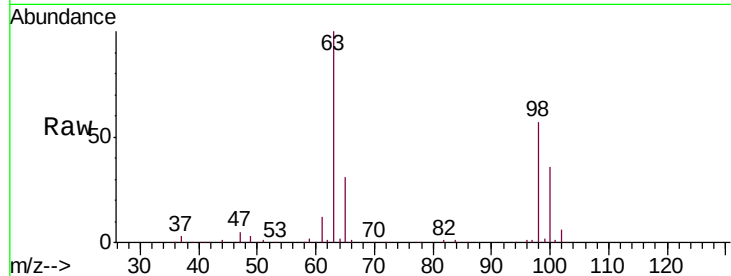


#9

Trichlorofluoromethane
 Concen: 0.385 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008955.D
 Acq: 15 Dec 2018 01:28

Instrument :
 MSVOA_V
 ClientSampleId :
 COLB0

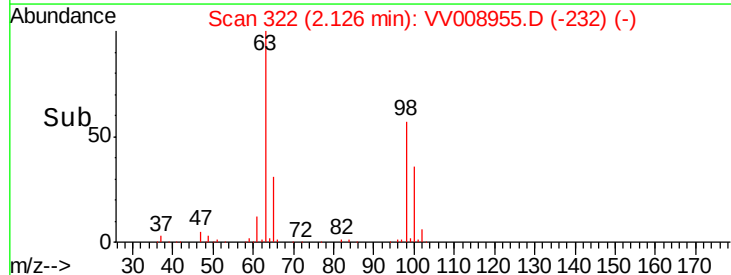
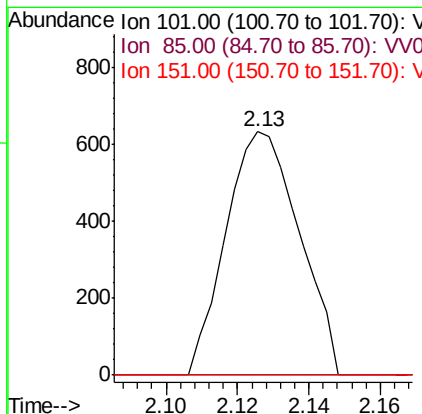
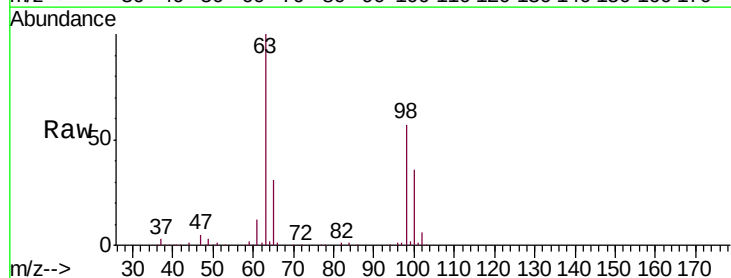
Tgt Ion:101 Resp: 903
 Ion Ratio Lower Upper
 101 100
 103 14.6 51.5 77.3#

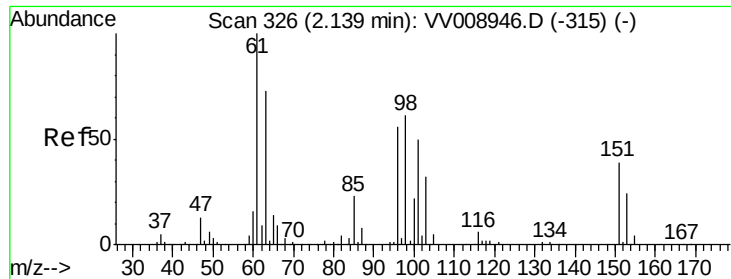


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.629 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008955.D
 Acq: 15 Dec 2018 01:28

Tgt Ion:101 Resp: 903
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

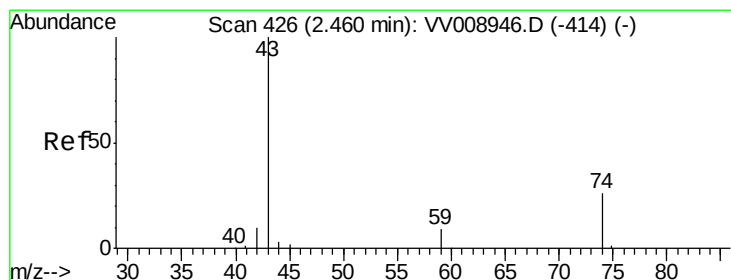
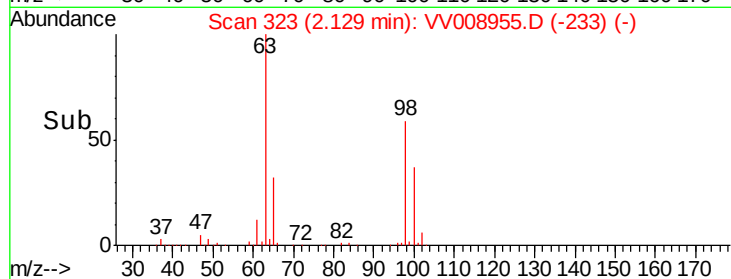
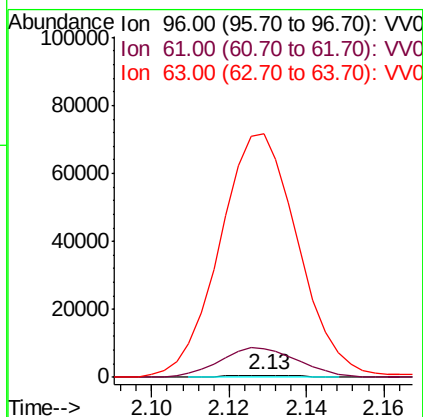
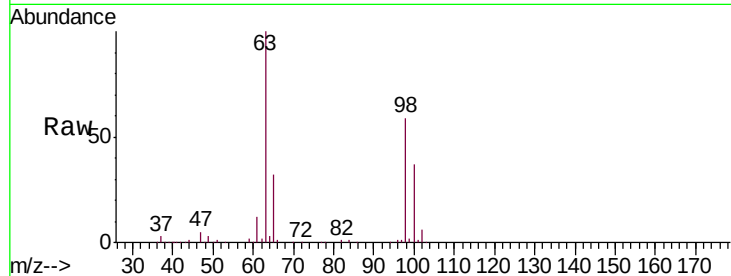




#12
 1,1-Dichloroethene
 Concen: 0.624 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008955.D
 Acq: 15 Dec 2018 01:28

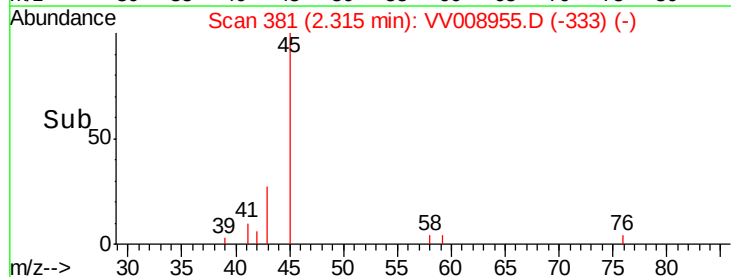
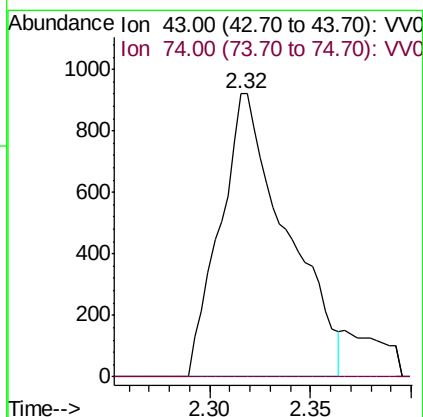
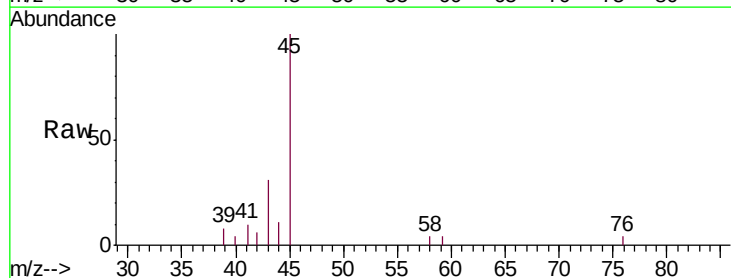
Instrument :
 MSVOA_V
 ClientSampleId :
 COLB0

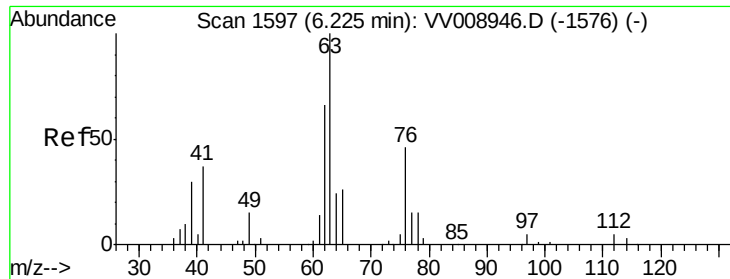
Tgt Ion: 96 Resp: 814
 Ion Ratio Lower Upper
 96 100
 61 1542.8 119.1 221.3#
 63 13003.3 96.0 178.2#



#15
 Methyl Acetate
 Concen: 1.580 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. -0.14 min
 Lab File: VV008955.D
 Acq: 15 Dec 2018 01:28

Tgt Ion: 43 Resp: 2107
 Ion Ratio Lower Upper
 43 100
 74 0.0 21.0 31.6#

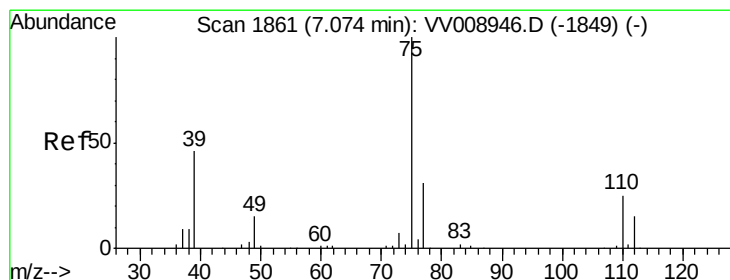
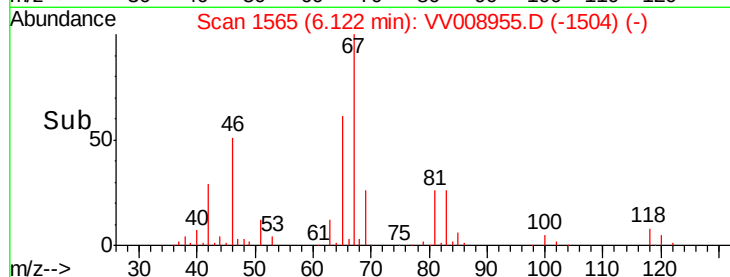
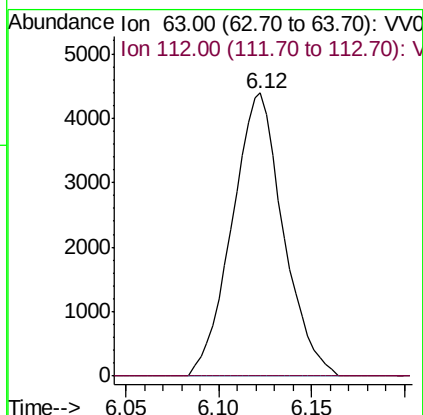
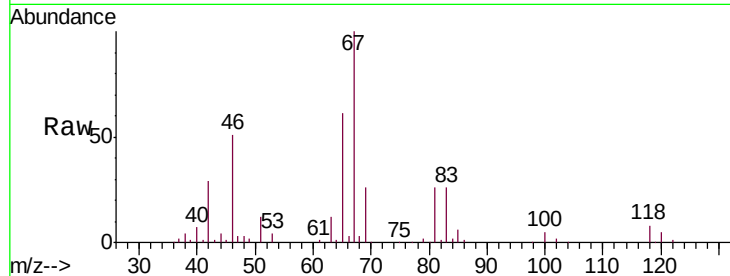




#37
 1,2-Dichloropropane
 Concen: 6.126 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008955.D
 Acq: 15 Dec 2018 01:28

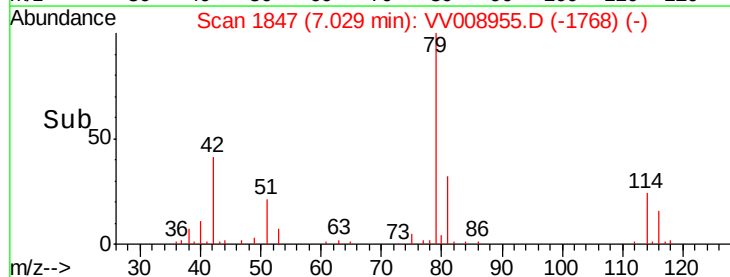
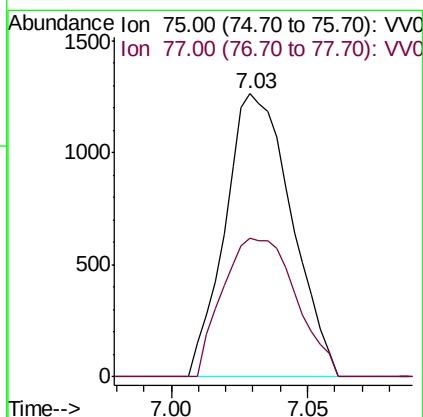
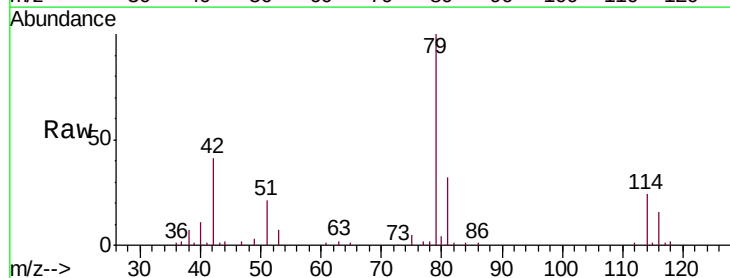
Instrument :
 MSVOA_V
 ClientSampleId :
 COLB0

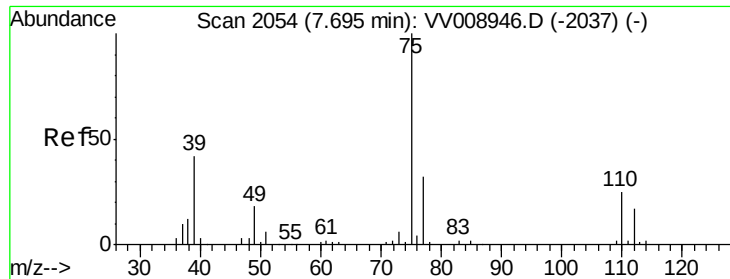
Tgt Ion: 63 Resp: 8425
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.973 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008955.D
 Acq: 15 Dec 2018 01:28

Tgt Ion: 75 Resp: 2133
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008955.D

Acq: 15 Dec 2018 01:28

Instrument :

MSVOA_V

ClientSampled :

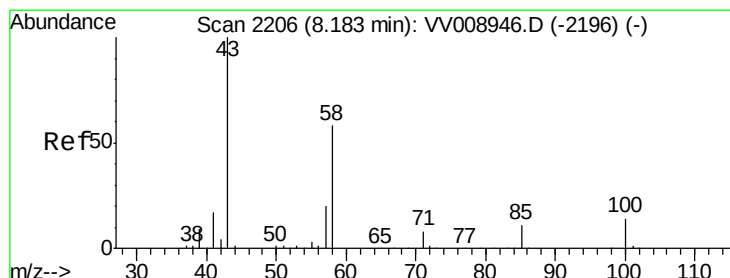
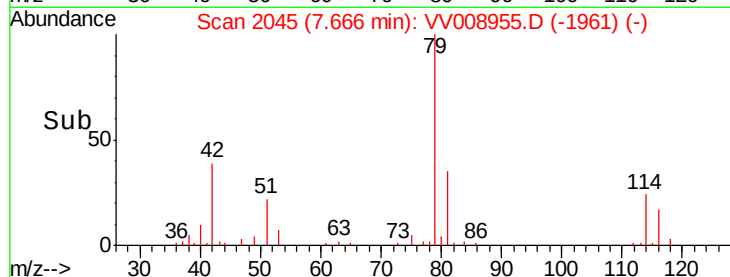
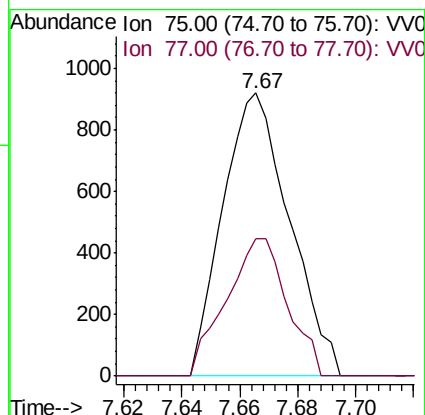
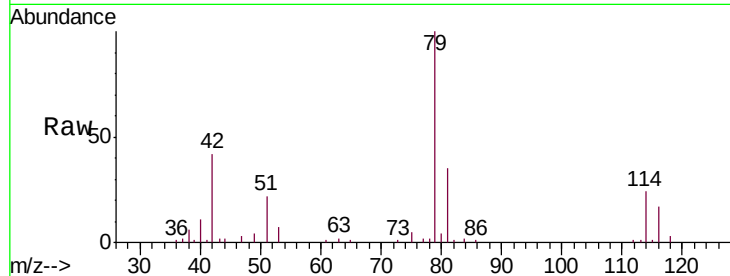
COLB0

Tgt Ion: 75 Resp: 1469

Ion Ratio Lower Upper

75 100

77 48.7 21.6 40.2#



#48

2-Hexanone

Concen: 2.341 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV008955.D

Acq: 15 Dec 2018 01:28

Tgt Ion: 43 Resp: 3097

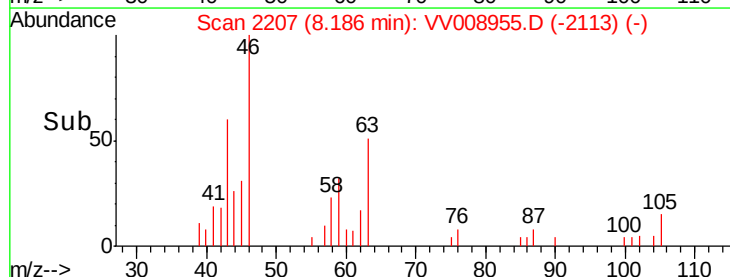
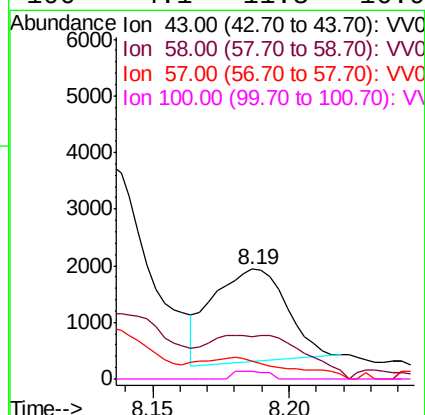
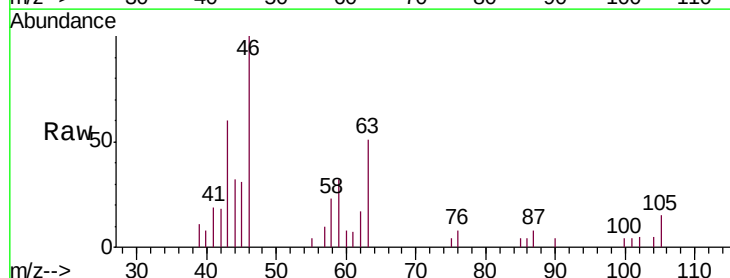
Ion Ratio Lower Upper

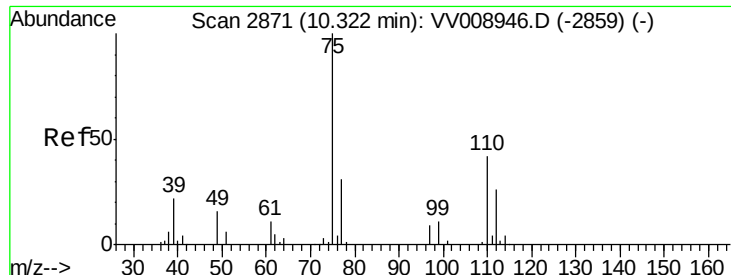
43 100

58 6.5 42.7 64.1#

57 13.2 15.7 23.5#

100 4.1 11.3 16.9#





#59

1,2,3-Trichloropropane

Concen: 5.114 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008955.D

Acq: 15 Dec 2018 01:28

Instrument :

MSVOA_V

ClientSampleId :

COLB0

Tgt Ion: 75 Resp: 8857

Ion Ratio Lower Upper

75 100

77 38.1 25.8 38.8

