

Data File : VV009000.D
Acq On : 17 Dec 2018 23:41
Operator : SY/MD
Sample : J6422-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LC7

Quant Time: Dec 18 03:42:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195331	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181428	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52856	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.68%
7) Chloroethane-d5	1.57	69	42318	58.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.90%
11) 1,1-Dichloroethene-d2	2.13	63	100416	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.56%
21) 2-Butanone-d5	3.93	46	90012	118.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.18%
24) Chloroform-d	4.41	84	119414	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	5.08	65	79859	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
32) Benzene-d6	5.10	84	247719	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.12	67	75007	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.10%
41) Toluene-d8	7.36	98	229882	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%
43) trans-1,3-Dichloropropene-	7.67	79	34607	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.90%
47) 2-Hexanone-d5	8.13	63	58251	107.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.13%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91117	48.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	80296	50.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.72%

Target Compounds

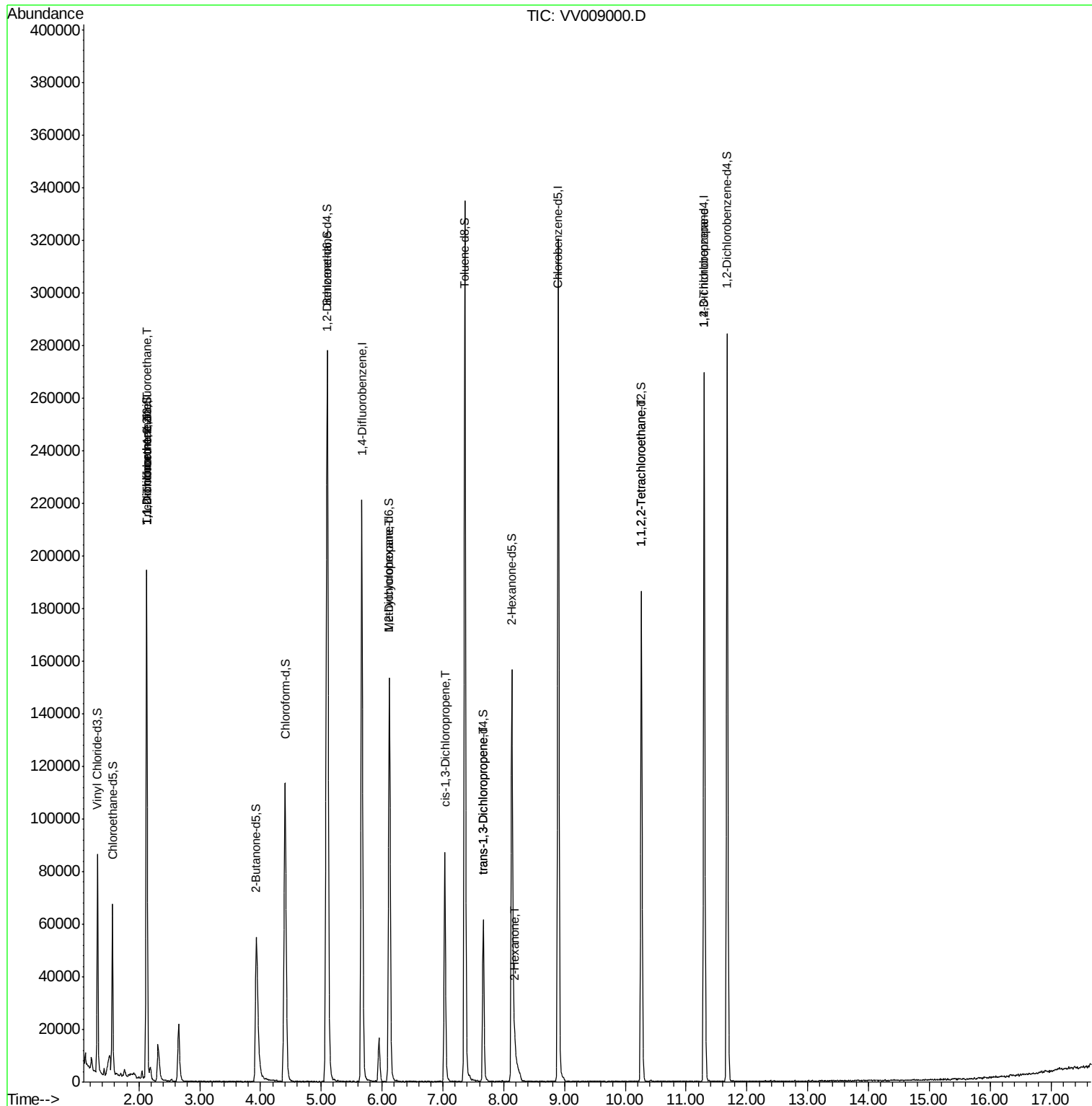
						Qvalue
9) Trichlorofluoromethane	2.13	101	1002	0.460	ug/L #	27
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1002	0.752	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	930	0.767	ug/L #	1
35) Methylcyclohexane	6.12	83	18626	8.700	ug/L #	20
39) cis-1,3-Dichloropropene	7.03	75	2161	1.048	ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	1384	0.720	ug/L	86
48) 2-Hexanone	8.19	43	3118	2.506	ug/L #	69
58) 1,1,2,2-Tetrachloroethane	10.27	83	740	0.385	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8007	4.917	ug/L #	87

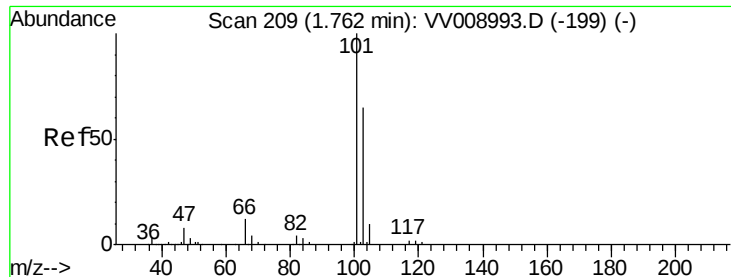
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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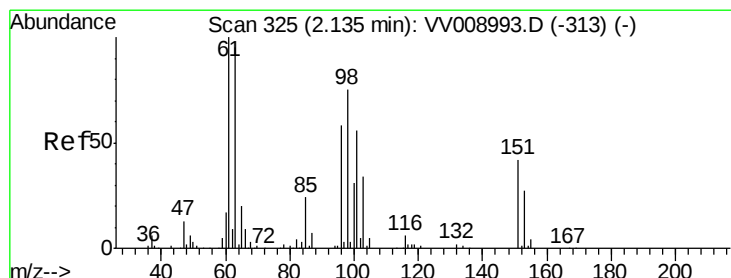
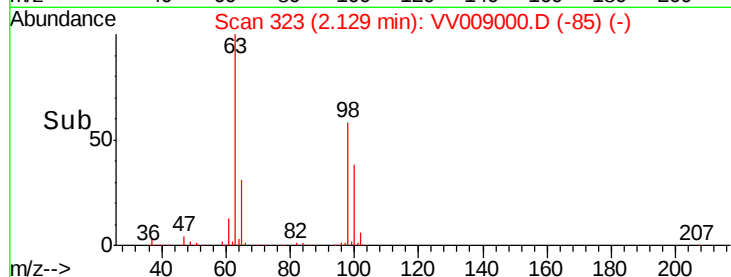
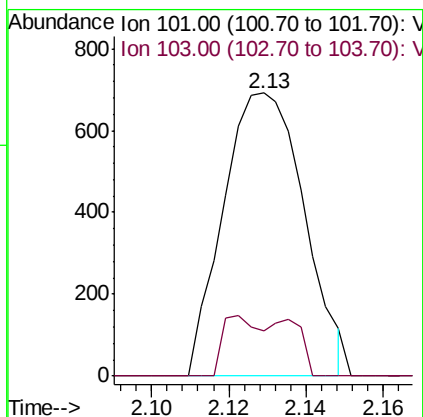
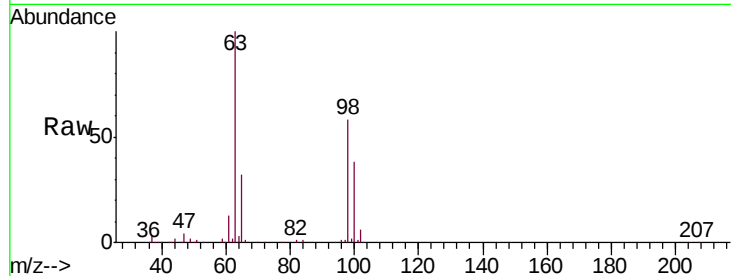


#9

Trichlorofluoromethane
 Concen: 0.460 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV009000.D
 Acq: 17 Dec 2018 23:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0LC7

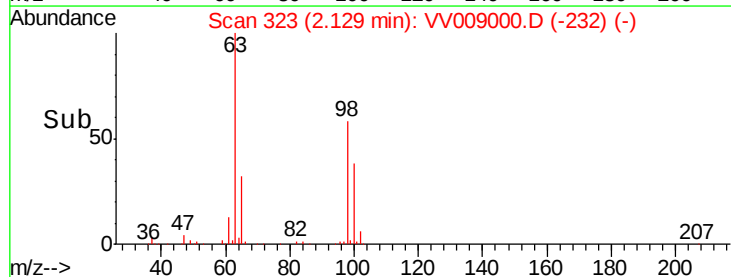
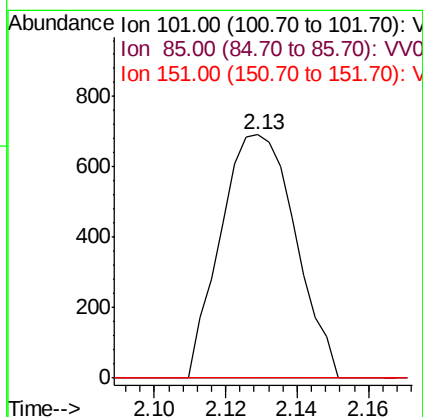
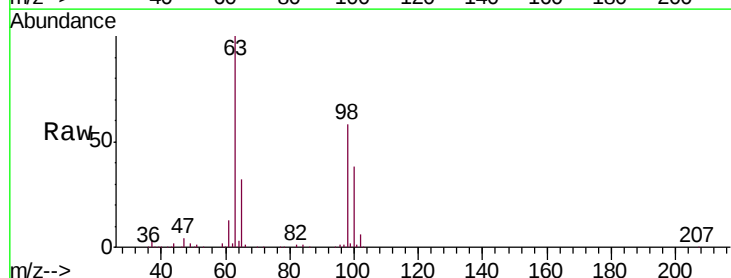
Tgt Ion:101 Resp: 1002
 Ion Ratio Lower Upper
 101 100
 103 7.4 51.5 77.3#

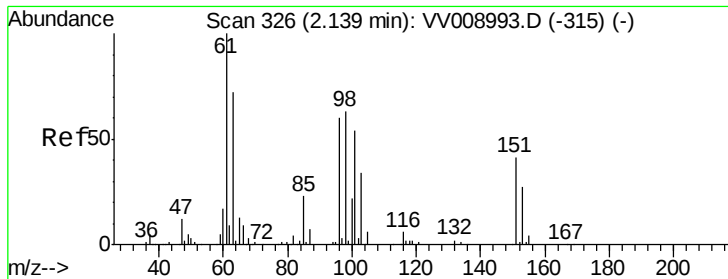


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.752 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV009000.D
 Acq: 17 Dec 2018 23:41

Tgt Ion:101 Resp: 1002
 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: 0.767 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009000.D

Acq: 17 Dec 2018 23:41

Instrument :

MSVOA_V

ClientSampleId :

C0LC7

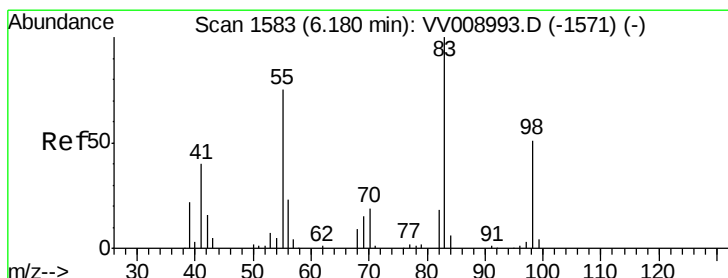
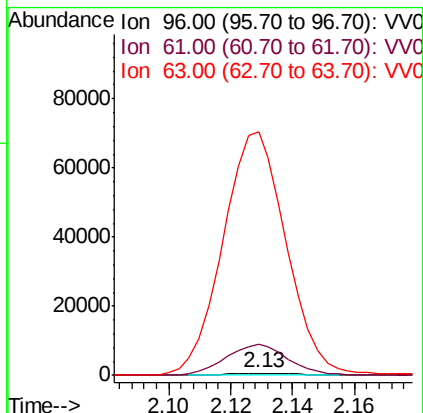
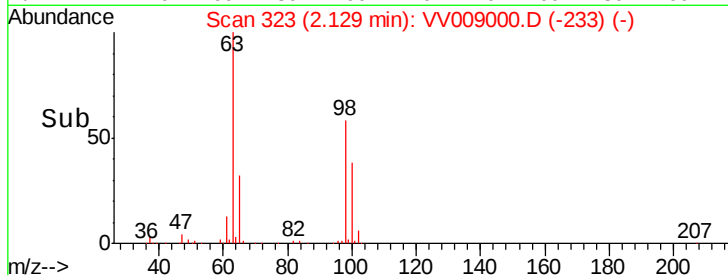
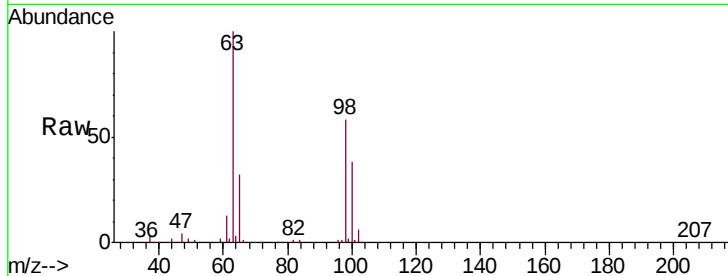
Tgt Ion: 96 Resp: 930

Ion Ratio Lower Upper

96 100

61 1516.6 119.1 221.3#

63 12061.6 96.0 178.2#



#35

Methylcyclohexane

Concen: 8.700 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV009000.D

Acq: 17 Dec 2018 23:41

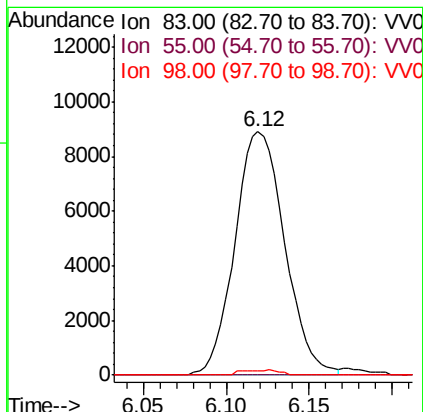
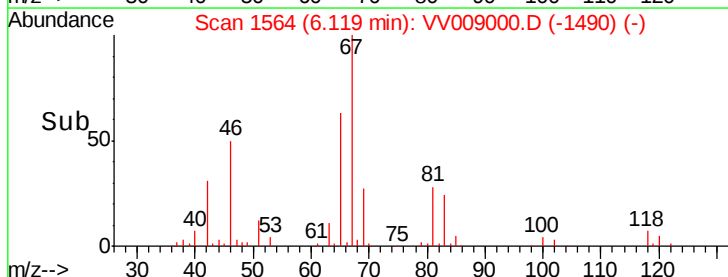
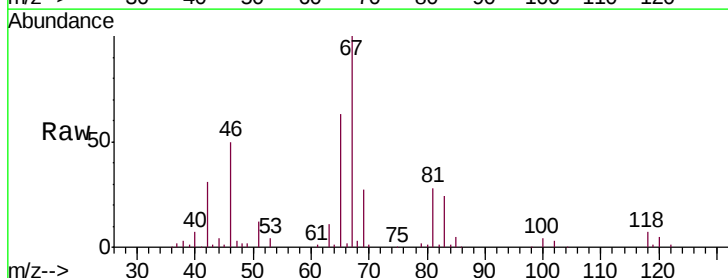
Tgt Ion: 83 Resp: 18626

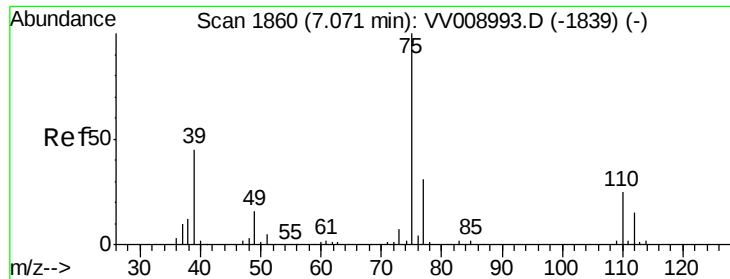
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 0.8 39.0 58.4#

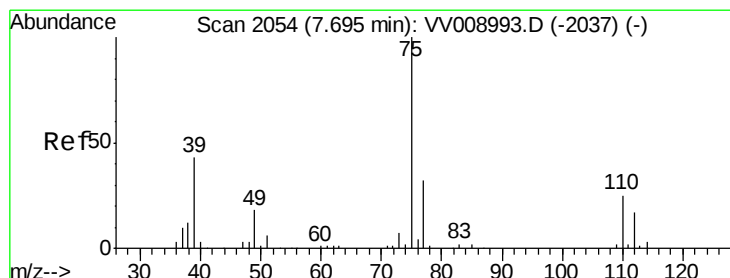
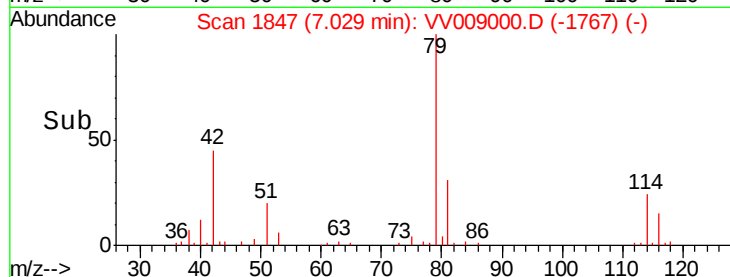
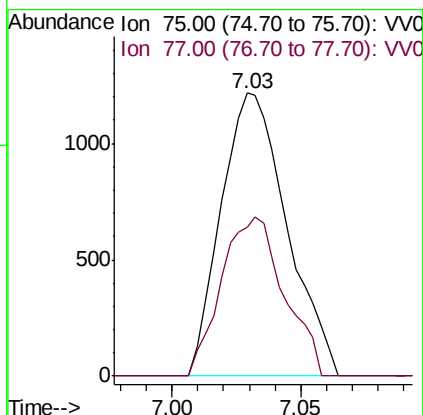
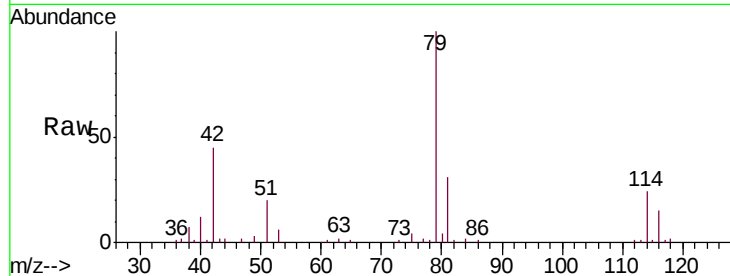




#39
 cis-1,3-Dichloropropene
 Concen: 1.048 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009000.D
 Acq: 17 Dec 2018 23:41

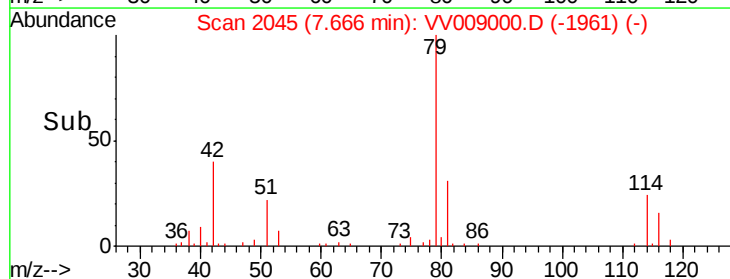
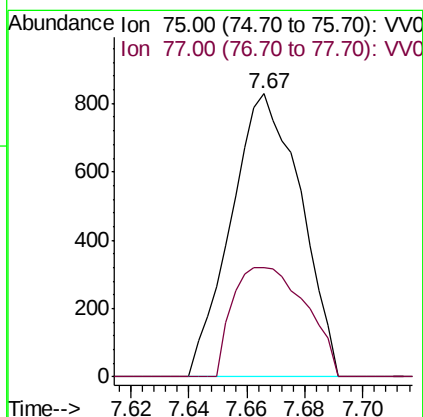
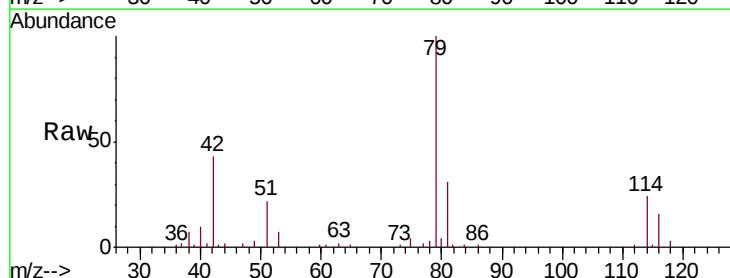
Instrument :
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 C0LC7

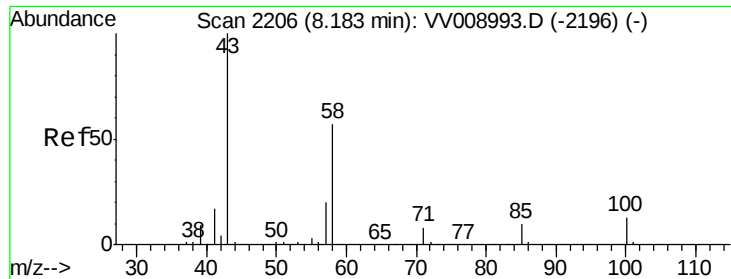
Tgt Ion: 75 Resp: 2161
 Ion Ratio Lower Upper
 75 100
 77 52.6 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.720 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV009000.D
 Acq: 17 Dec 2018 23:41

Tgt Ion: 75 Resp: 1384
 Ion Ratio Lower Upper
 75 100
 77 38.4 21.6 40.2

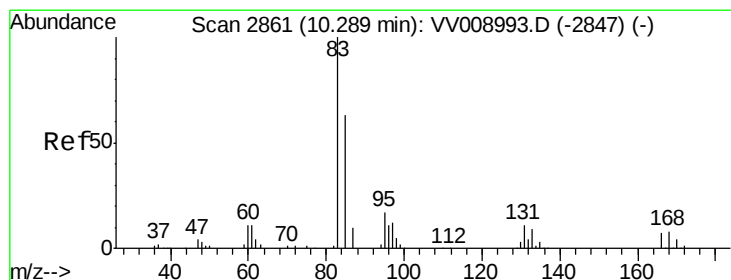
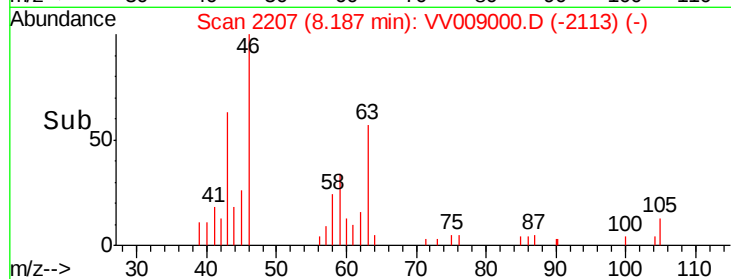
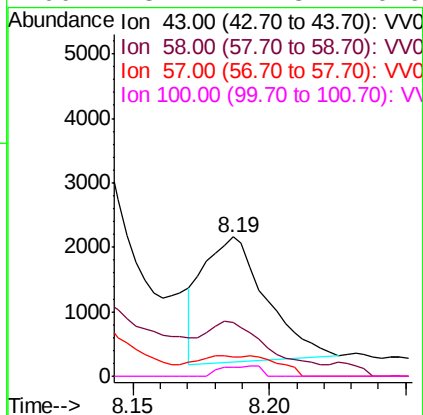
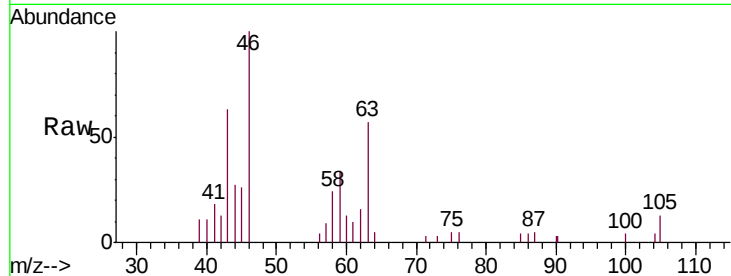




#48
2-Hexanone
Concen: 2.506 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009000.D
Acq: 17 Dec 2018 23:41

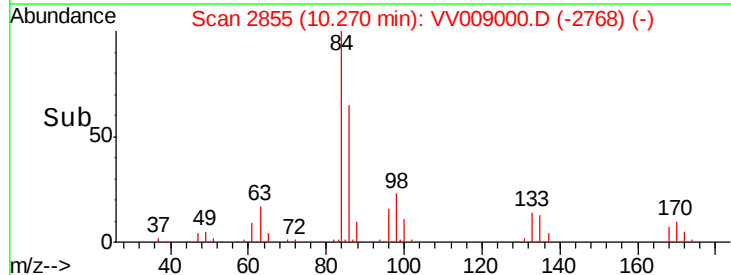
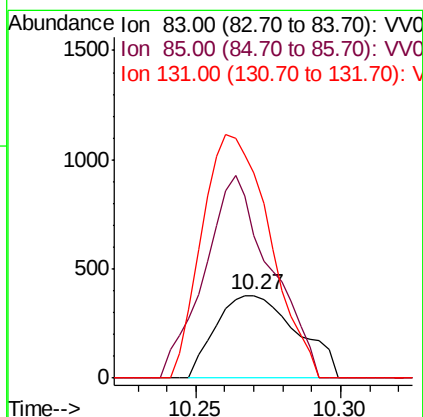
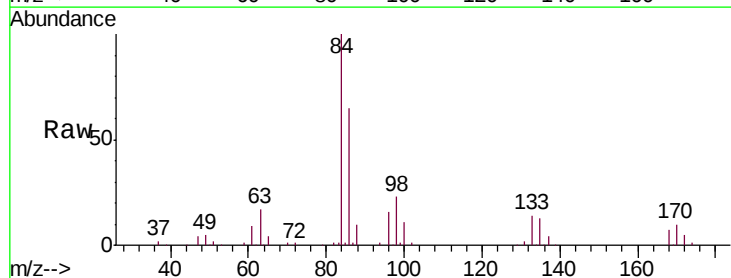
Instrument :
MSVOA_V
ClientSampleId :
COLC7

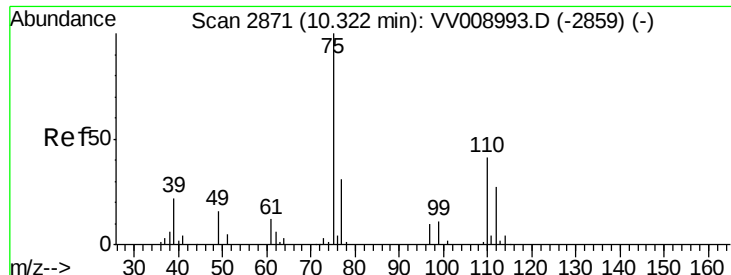
Tgt Ion: 43 Resp: 3118
Ion Ratio Lower Upper
43 100
58 31.8 42.7 64.1#
57 3.4 15.7 23.5#
100 3.2 11.3 16.9#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.385 ug/L
RT: 10.27 min Scan# 2855
Delta R.T. -0.02 min
Lab File: VV009000.D
Acq: 17 Dec 2018 23:41

Tgt Ion: 83 Resp: 740
Ion Ratio Lower Upper
83 100
85 172.8 45.3 84.1#
131 248.7 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 4.917 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009000.D

Acq: 17 Dec 2018 23:41

Instrument :

MSVOA_V

ClientSampleId :

C0LC7

Tgt Ion: 75 Resp: 8007

Ion Ratio Lower Upper

75 100

77 39.5 25.8 38.8#

