

Data File : VV009002.D
Acq On : 18 Dec 2018 00:29
Operator : SY/MD
Sample : J6422-05
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLC9

Quant Time: Dec 18 03:42:58 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	192825	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181676	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52825	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.82%
7) Chloroethane-d5	1.56	69	41199	58.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.28%
11) 1,1-Dichloroethene-d2	2.13	63	98873	37.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.36%
21) 2-Butanone-d5	3.93	46	84670	112.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.62%
24) Chloroform-d	4.41	84	115046	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	5.08	65	78208	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
32) Benzene-d6	5.10	84	238928	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	72810	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.98%
41) Toluene-d8	7.36	98	222364	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.67	79	32939	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
47) 2-Hexanone-d5	8.13	63	54396	99.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89025	46.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	78822	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

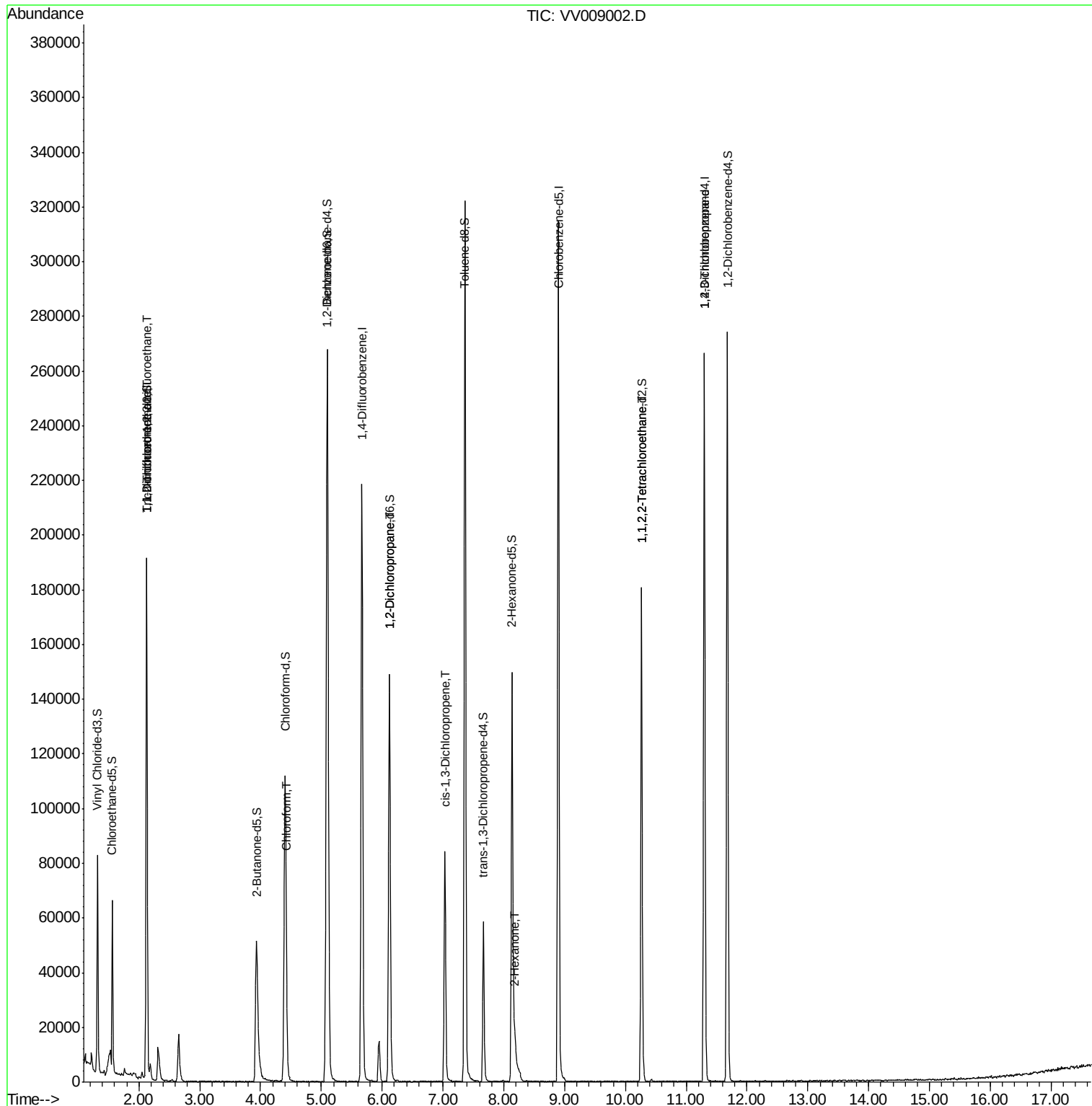
					Qvalue	
9) Trichlorofluoromethane	2.13	101	898	0.418	ug/L #	28
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	898	0.682	ug/L #	18
25) Chloroform	4.43	83	6320	2.650	ug/L	83
37) 1,2-Dichloropropane	6.12	63	8191	6.327	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2160	1.046	ug/L #	70
48) 2-Hexanone	8.19	43	4229	3.395	ug/L #	70
58) 1,1,2,2-Tetrachloroethane	10.27	83	755	0.392	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	7687	4.715	ug/L #	78

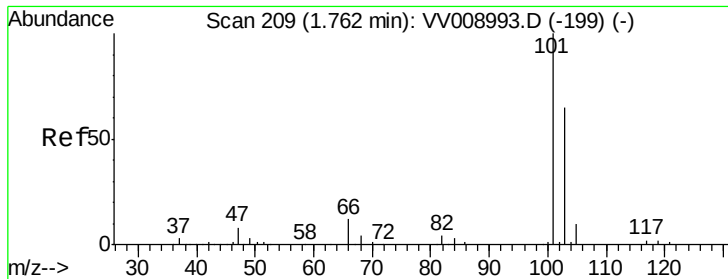
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
C0LC9

Quant Time: Dec 18 03:42:58 2018
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#9

Trichlorofluoromethane

Concen: 0.418 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV009002.D

Acq: 18 Dec 2018 00:29

Instrument :

MSVOA_V

ClientSampleId :

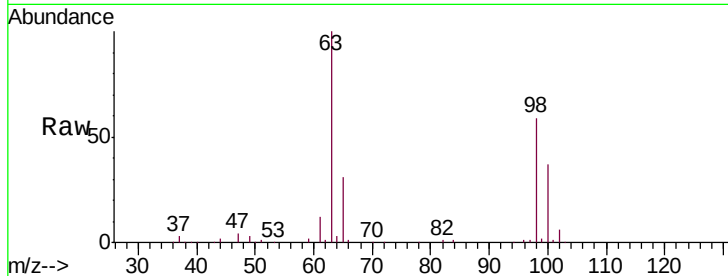
C0LC9

Tgt Ion:101 Resp: 898

Ion Ratio Lower Upper

101 100

103 8.1 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.13

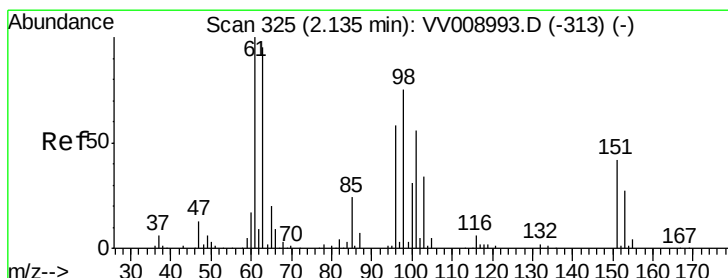
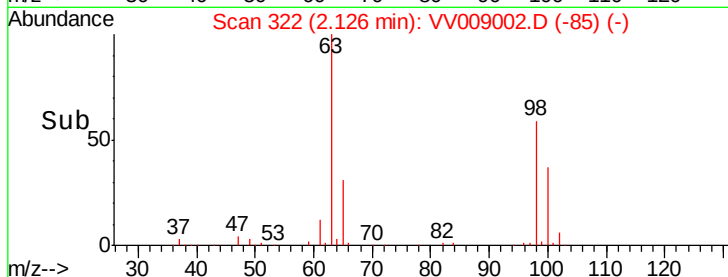
600

400

200

0

Time-->



#10

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

Concen: 0.682 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009002.D

Acq: 18 Dec 2018 00:29

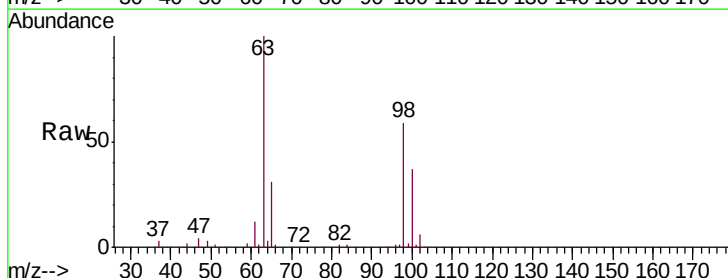
Tgt Ion:101 Resp: 898

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

1000

800

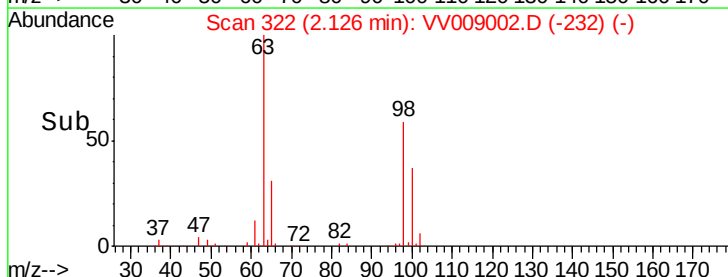
600

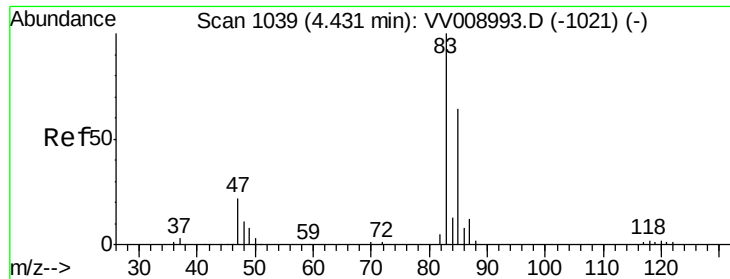
400

200

0

Time-->

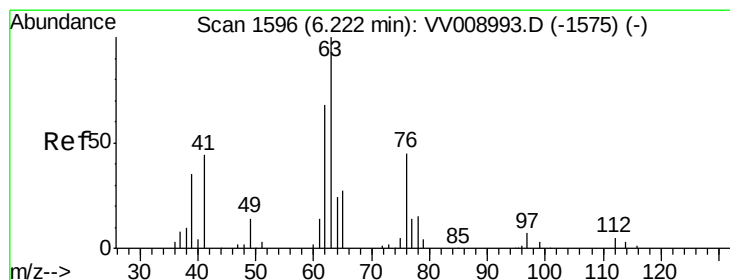
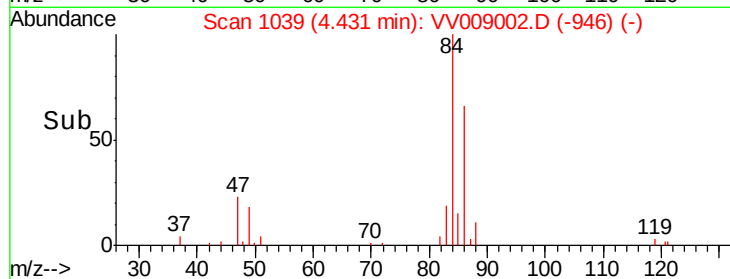
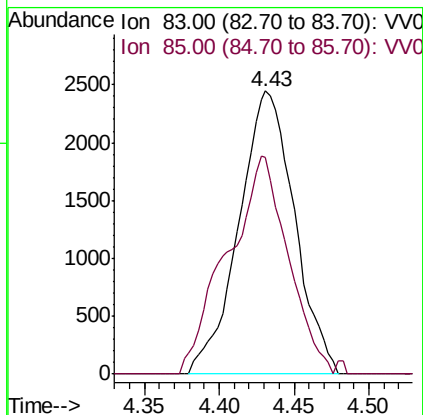
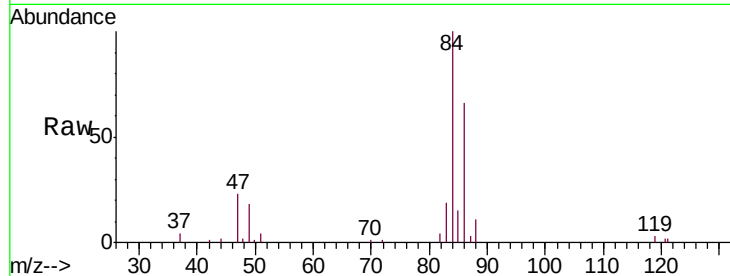




#25
Chloroform
Concen: 2.650 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV009002.D
Acq: 18 Dec 2018 00:29

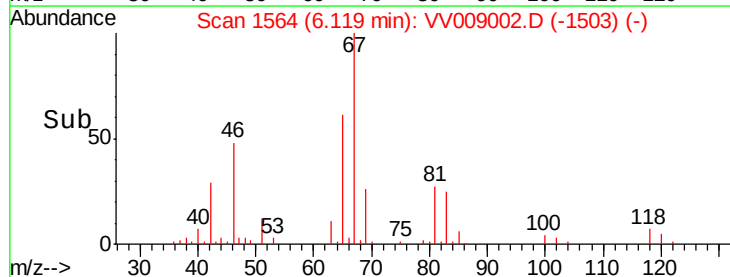
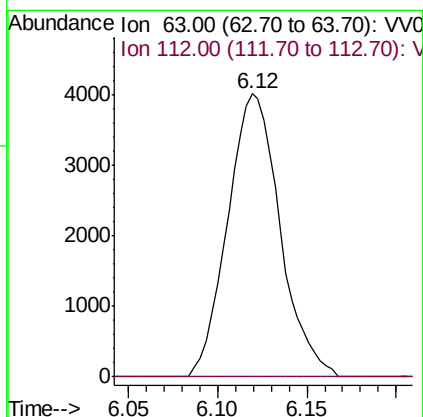
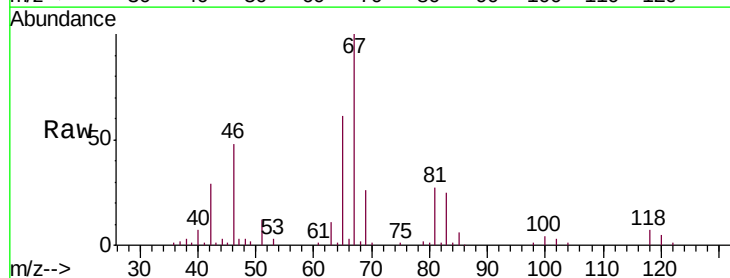
Instrument :
MSVOA_V
ClientSampled :
COLC9

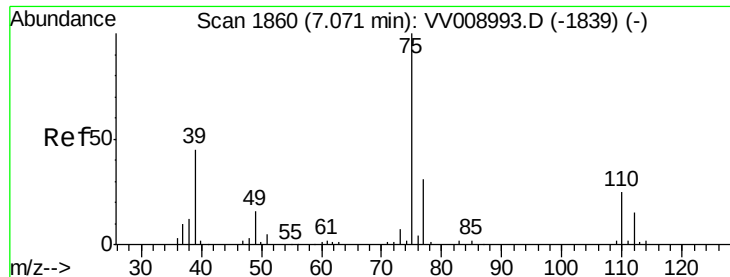
Tgt Ion: 83 Resp: 6320
Ion Ratio Lower Upper
83 100
85 76.6 44.3 82.3



#37
1,2-Dichloropropane
Concen: 6.327 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009002.D
Acq: 18 Dec 2018 00:29

Tgt Ion: 63 Resp: 8191
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

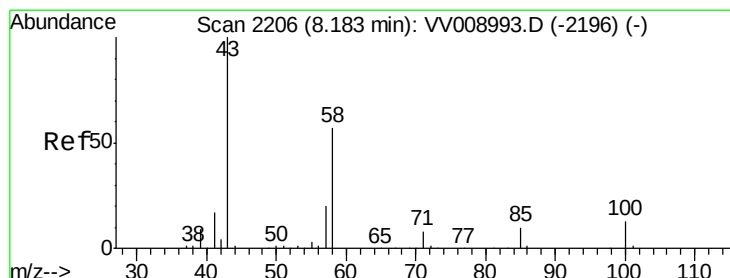
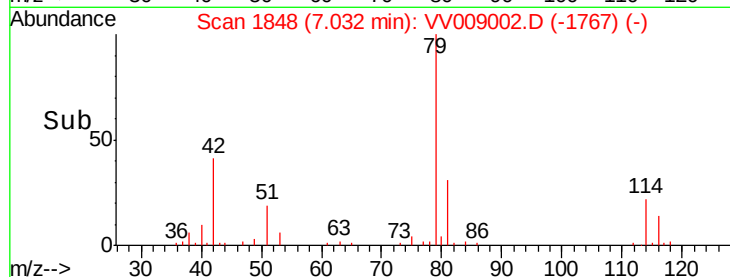
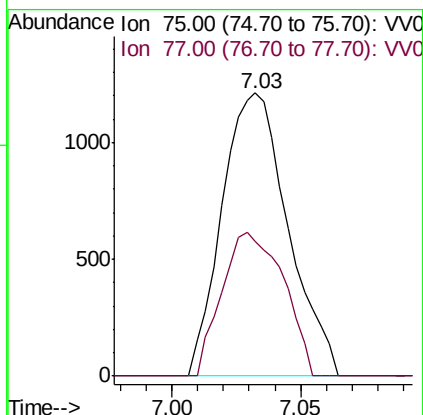
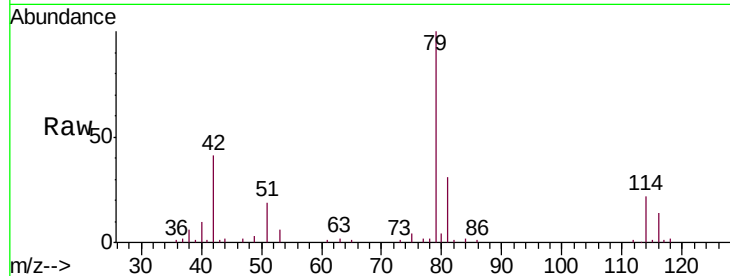




#39
 cis-1,3-Dichloropropene
 Concen: 1.046 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009002.D
 Acq: 18 Dec 2018 00:29

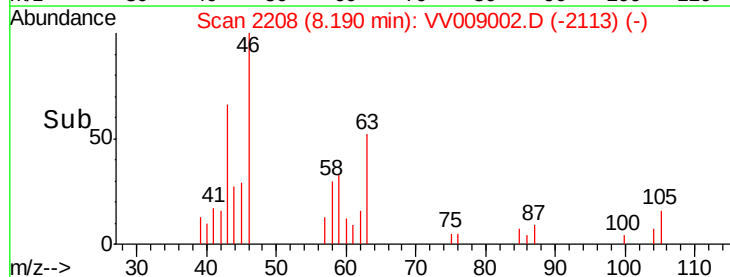
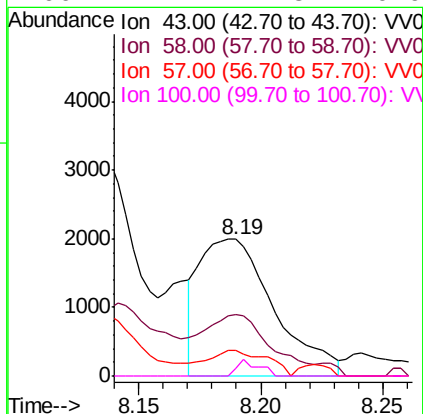
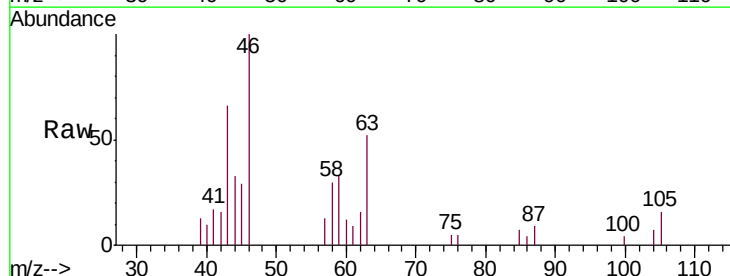
Instrument :
 MSVOA_V
 ClientSampled :
 C0LC9

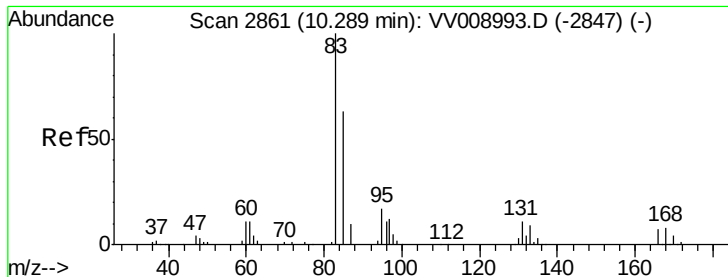
Tgt Ion: 75 Resp: 2160
 Ion Ratio Lower Upper
 75 100
 77 47.6 21.8 40.4#



#48
 2-Hexanone
 Concen: 3.395 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: VV009002.D
 Acq: 18 Dec 2018 00:29

Tgt Ion: 43 Resp: 4229
 Ion Ratio Lower Upper
 43 100
 58 28.9 42.7 64.1#
 57 11.2 15.7 23.5#
 100 2.2 11.3 16.9#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.392 ug/L

RT: 10.27 min Scan# 2856

Delta R.T. -0.02 min

Lab File: VV009002.D

Acq: 18 Dec 2018 00:29

Instrument :

MSVOA_V

ClientSampled :

C0LC9

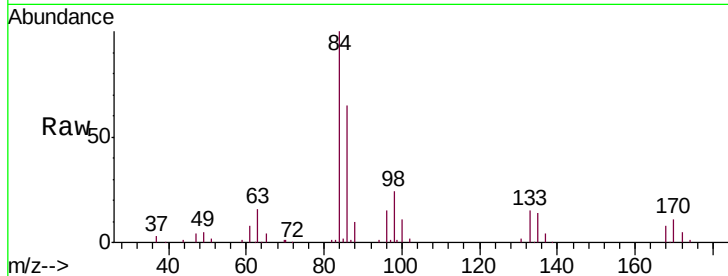
Tgt Ion: 83 Resp: 755

Ion Ratio Lower Upper

83 100

85 164.1 45.3 84.1#

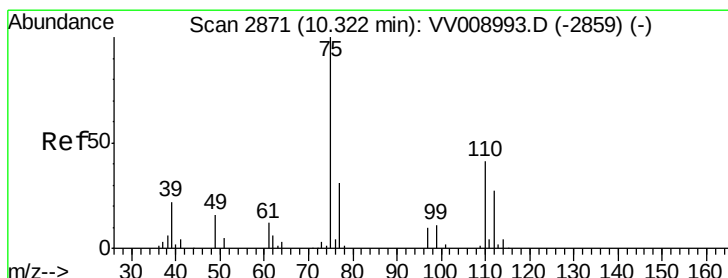
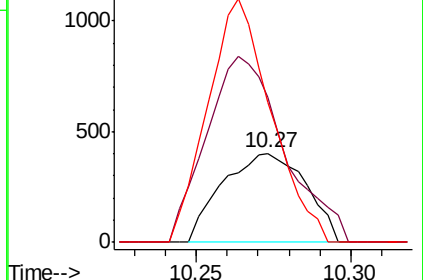
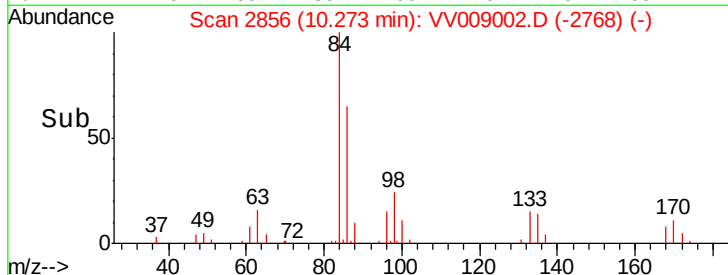
131 157.9 9.2 13.8#



Abundance Ion 83.00 (82.70 to 83.70): VV008993.D (-2847) (-)

Ion 85.00 (84.70 to 85.70): VV008993.D (-2847) (-)

Ion 131.00 (130.70 to 131.70): VV008993.D (-2847) (-)



#59

1,2,3-Trichloropropane

Concen: 4.715 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009002.D

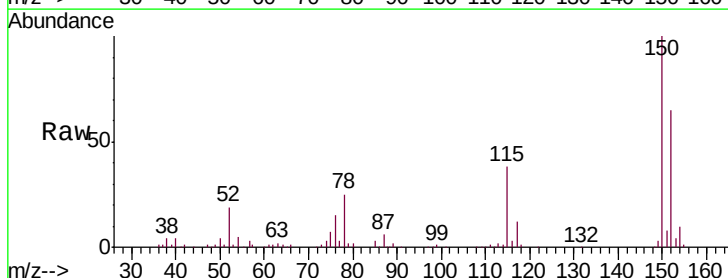
Acq: 18 Dec 2018 00:29

Tgt Ion: 75 Resp: 7687

Ion Ratio Lower Upper

75 100

77 44.4 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV008993.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008993.D (-2859) (-)

