

Data File : VV012902.D
Acq On : 18 Sep 2019 18:08
Operator : SY/MD
Sample : K4954-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWK25

Quant Time: Sep 19 01:59:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	369108	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368532	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	134742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146635	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	135971	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	180946	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.00	46	329292	43.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.08%
24) Chloroform-d	4.40	84	261988	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	139086	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	538467	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	169963	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.36	98	422946	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.67	79	52968	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.14	63	221921	39.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120259	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	145692	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

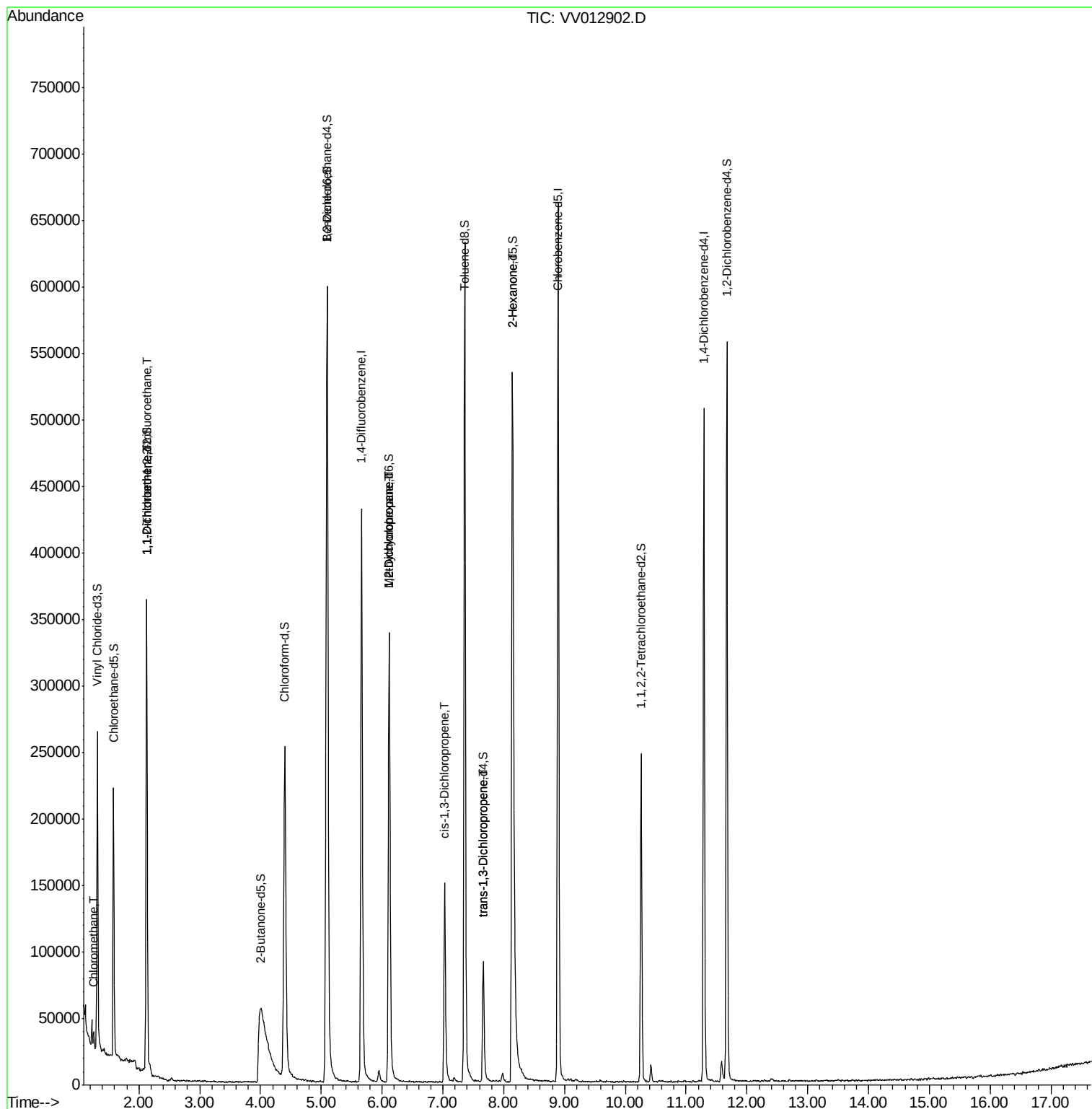
						Qvalue
3) Chloromethane	1.25	50	8714	0.339	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2220	0.102	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1731	0.088	ug/L #	1
35) Methylcyclohexane	6.12	83	40066	1.212	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	18187	0.698	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	3998	0.116	ug/L #	52
44) trans-1,3-Dichloropropene	7.67	75	2739	0.099	ug/L	84
48) 2-Hexanone	8.14	43	37958	3.131	ug/L #	82

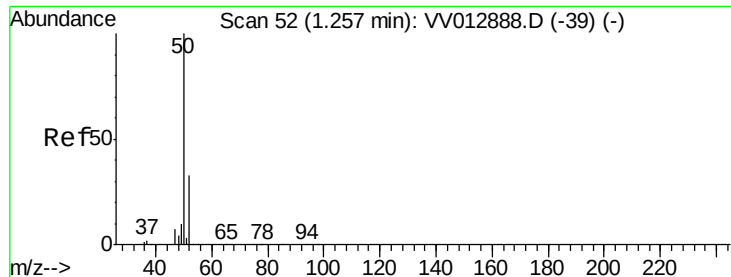
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.339 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Acq: 18 Sep 2019 18:08

Instrument :

MSVOA_V

ClientSampleId :

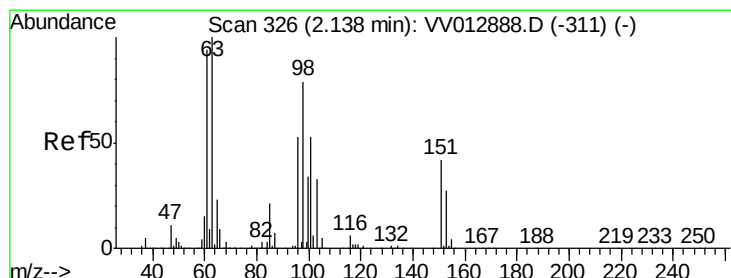
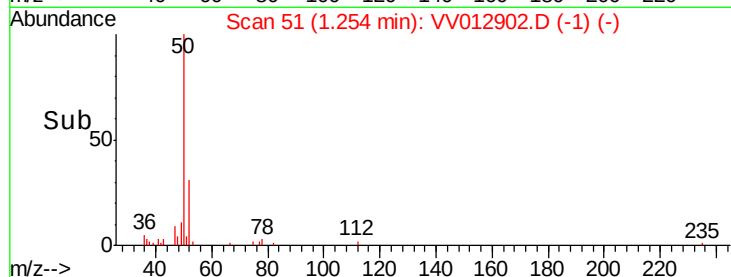
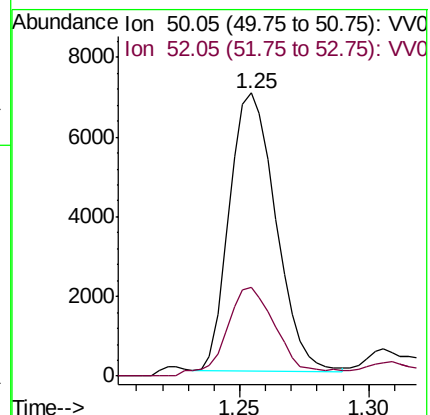
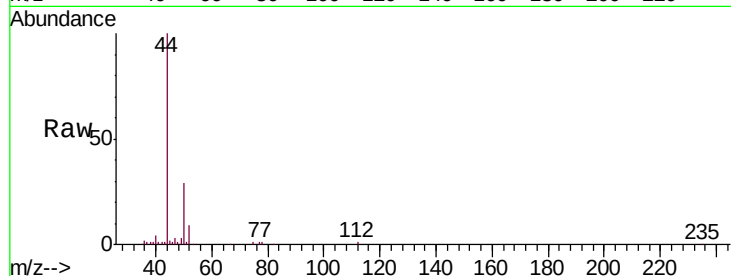
CWK25

Tgt Ion: 50 Resp: 8714

Ion Ratio Lower Upper

50 100

52 31.3 22.8 42.4



#10

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

Concen: 0.102 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012902.D

Acq: 18 Sep 2019 18:08

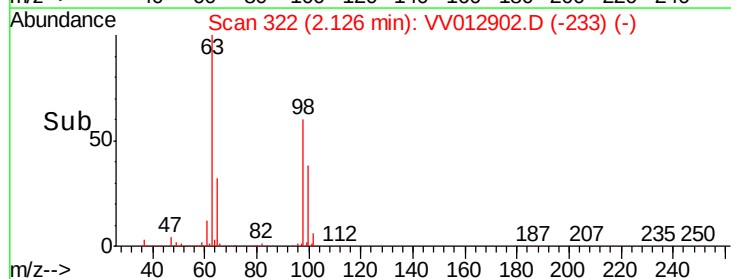
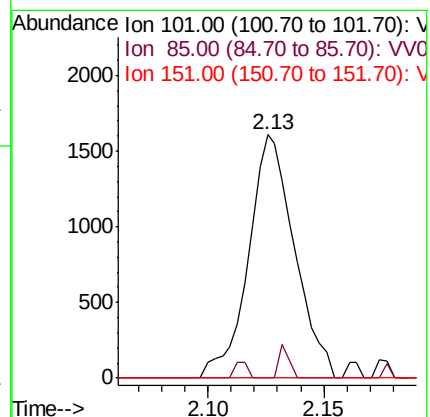
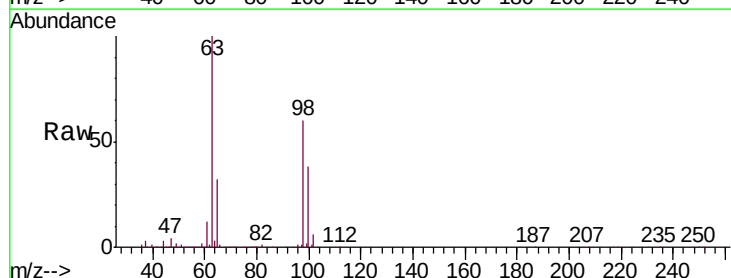
Tgt Ion: 101 Resp: 2220

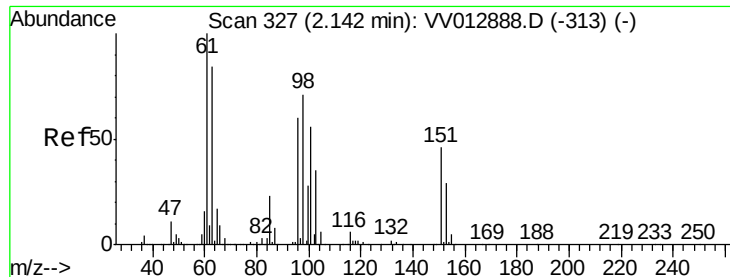
Ion Ratio Lower Upper

101 100

85 2.9 33.5 50.3#

151 0.0 64.0 96.0#





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012902.D

Acq: 18 Sep 2019 18:08

Instrument :

MSVOA_V

ClientSampleId :

CWK25

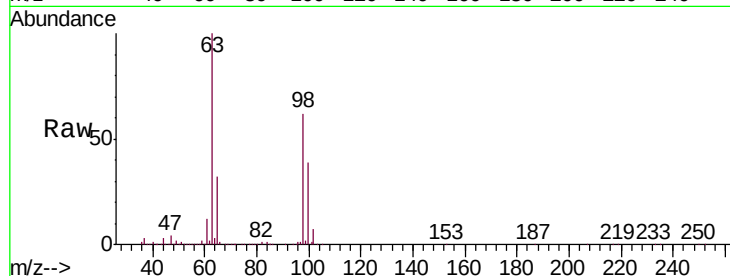
Tgt Ion: 96 Resp: 1731

Ion Ratio Lower Upper

96 100

61 1376.7 116.1 215.5#

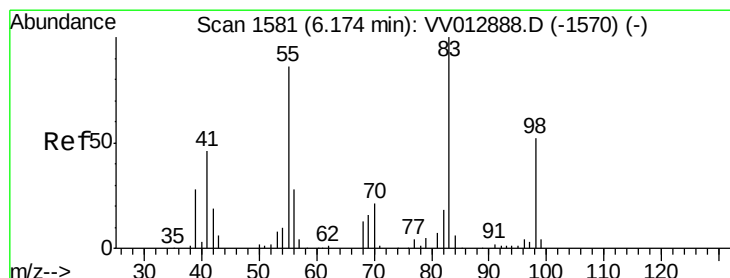
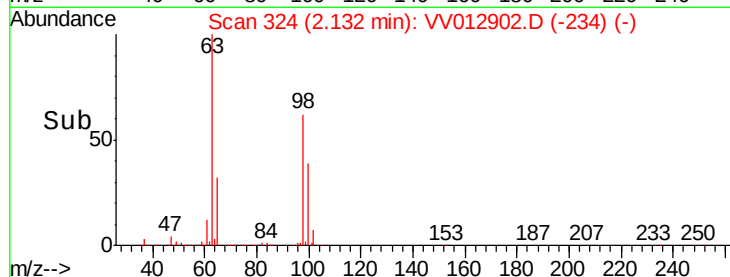
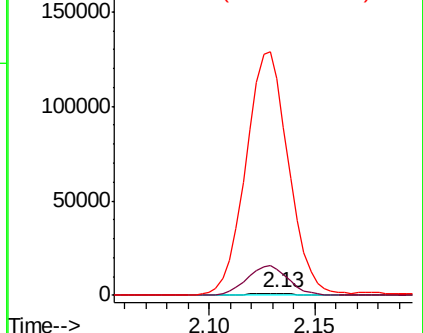
63 11268.6 113.3 210.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#35

Methylcyclohexane

Concen: 1.212 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012902.D

Acq: 18 Sep 2019 18:08

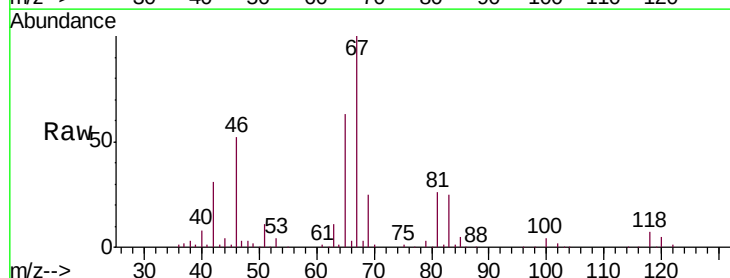
Tgt Ion: 83 Resp: 40066

Ion Ratio Lower Upper

83 100

55 0.9 63.8 95.6#

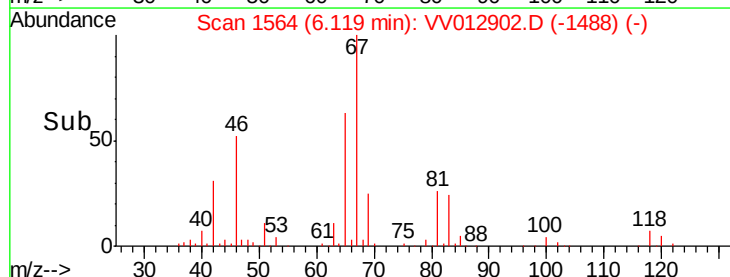
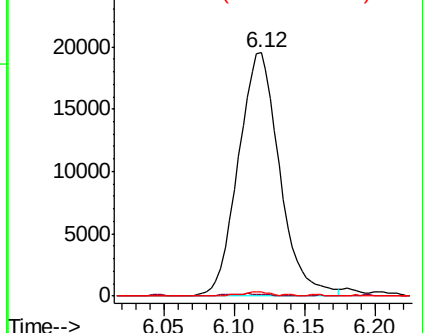
98 1.2 38.2 57.4#

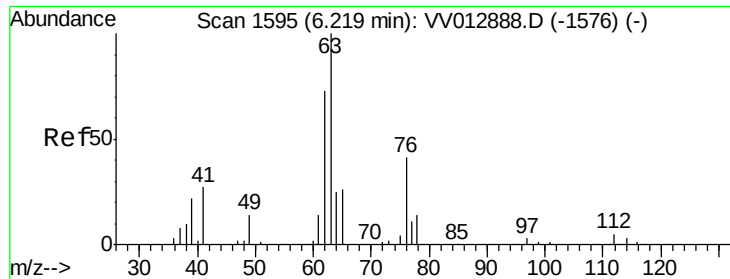


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

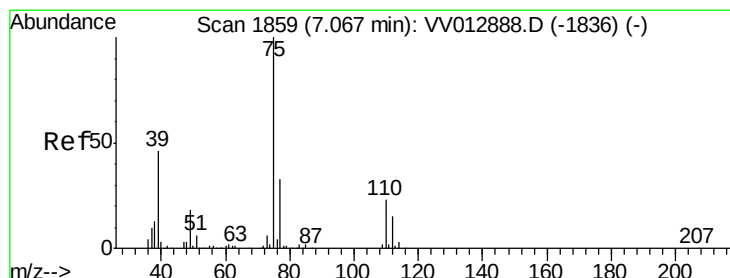
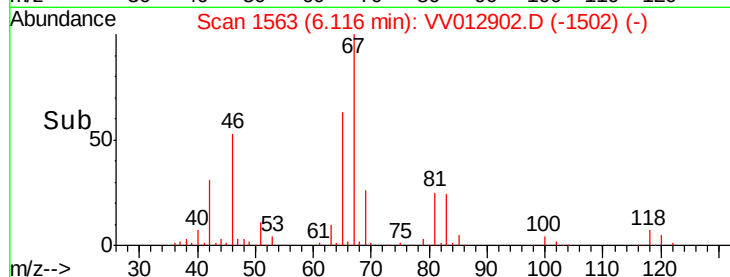
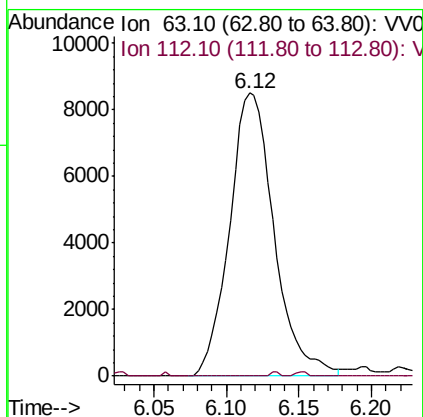
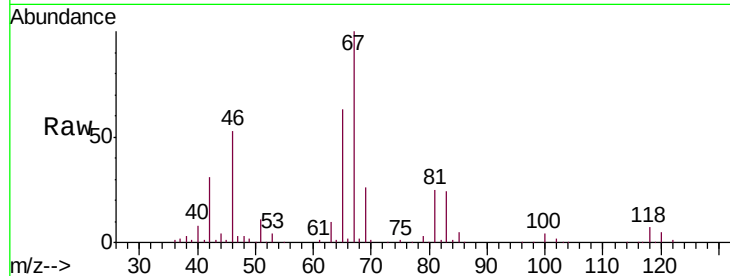




#37
 1,2-Dichloropropane
 Concen: 0.698 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012902.D
 Acq: 18 Sep 2019 18:08

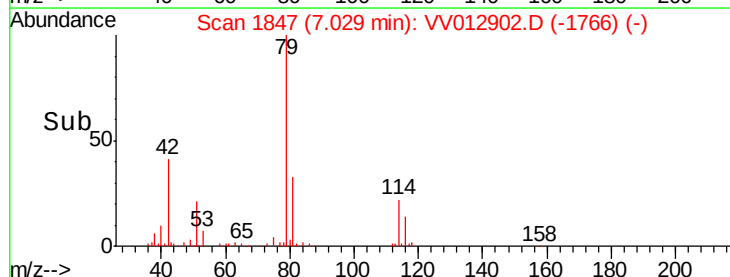
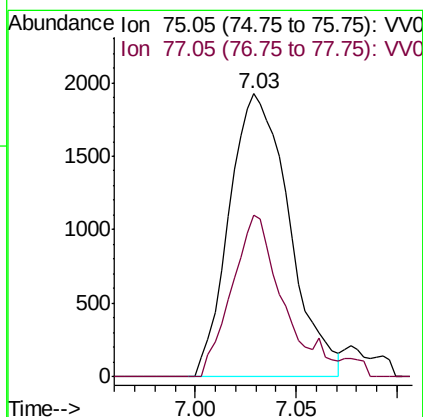
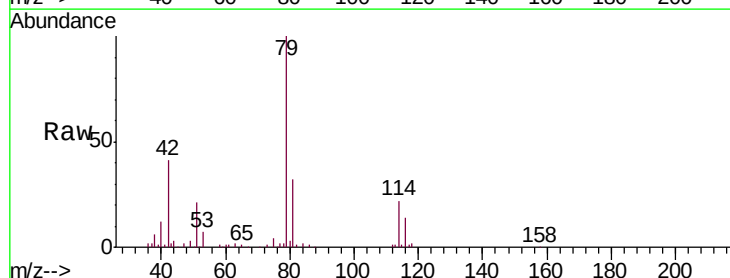
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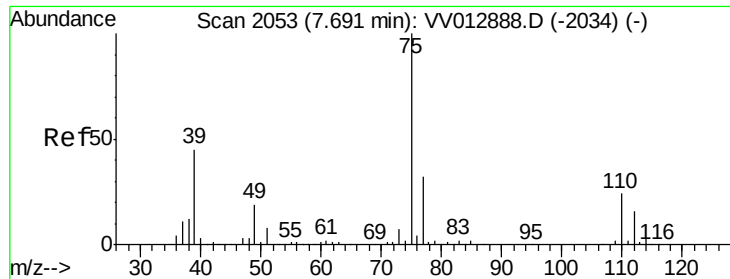
Tgt Ion: 63 Resp: 18187
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012902.D
 Acq: 18 Sep 2019 18:08

Tgt Ion: 75 Resp: 3998
 Ion Ratio Lower Upper
 75 100
 77 57.3 21.6 40.0#

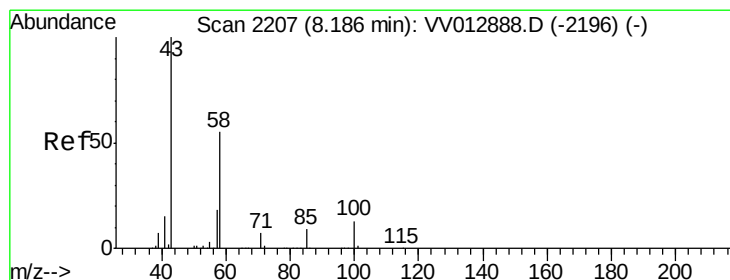
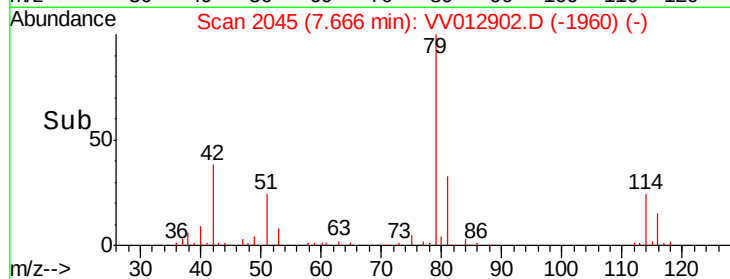
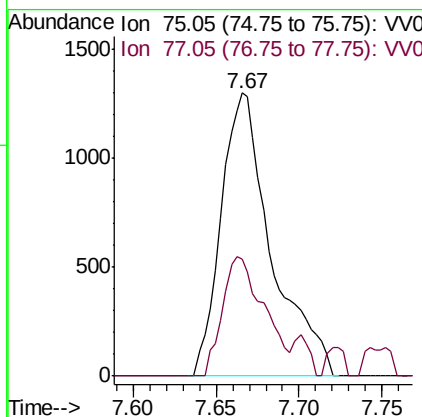
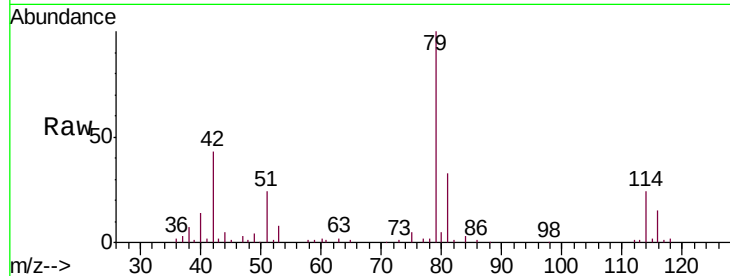




#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012902.D
Acq: 18 Sep 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
CWK25

Tgt Ion: 75 Resp: 2739
Ion Ratio Lower Upper
75 100
77 41.3 22.5 41.7



#48
2-Hexanone
Concen: 3.131 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.04 min
Lab File: VV012902.D
Acq: 18 Sep 2019 18:08

Tgt Ion: 43 Resp: 37958
Ion Ratio Lower Upper
43 100
58 46.1 44.5 66.7
57 32.1 15.0 22.6#
100 2.9 9.7 14.5#

