

Data File : VV012820.D
Acq On : 16 Sep 2019 01:53
Operator : SY/MD
Sample : K4834-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MD6

Quant Time: Sep 16 08:20:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	397647	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	397852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	141266	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205972	7.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	152.80%#
7) Chloroethane-d5	1.58	69	175003	7.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	156.80%#
11) 1,1-Dichloroethene-d2	2.13	63	255432	5.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.20%
20) 2-Butanone-d5	3.97	46	420625	64.80	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.60%
24) Chloroform-d	4.40	84	328339	6.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.00%#
26) 1,2-Dichloroethane-d4	5.08	65	171537	7.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	146.20%#
32) Benzene-d6	5.09	84	670952	7.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	141.20%#
36) 1,2-Dichloropropane-d6	6.12	67	208365	6.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	138.00%
41) Toluene-d8	7.36	98	534471	6.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.40%
43) trans-1,3-Dichloropropene-	7.66	79	62177	5.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	119.80%
46) 2-Hexanone-d5	8.14	63	212190	54.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	119244	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	176816	7.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	146.40%#

Target Compounds

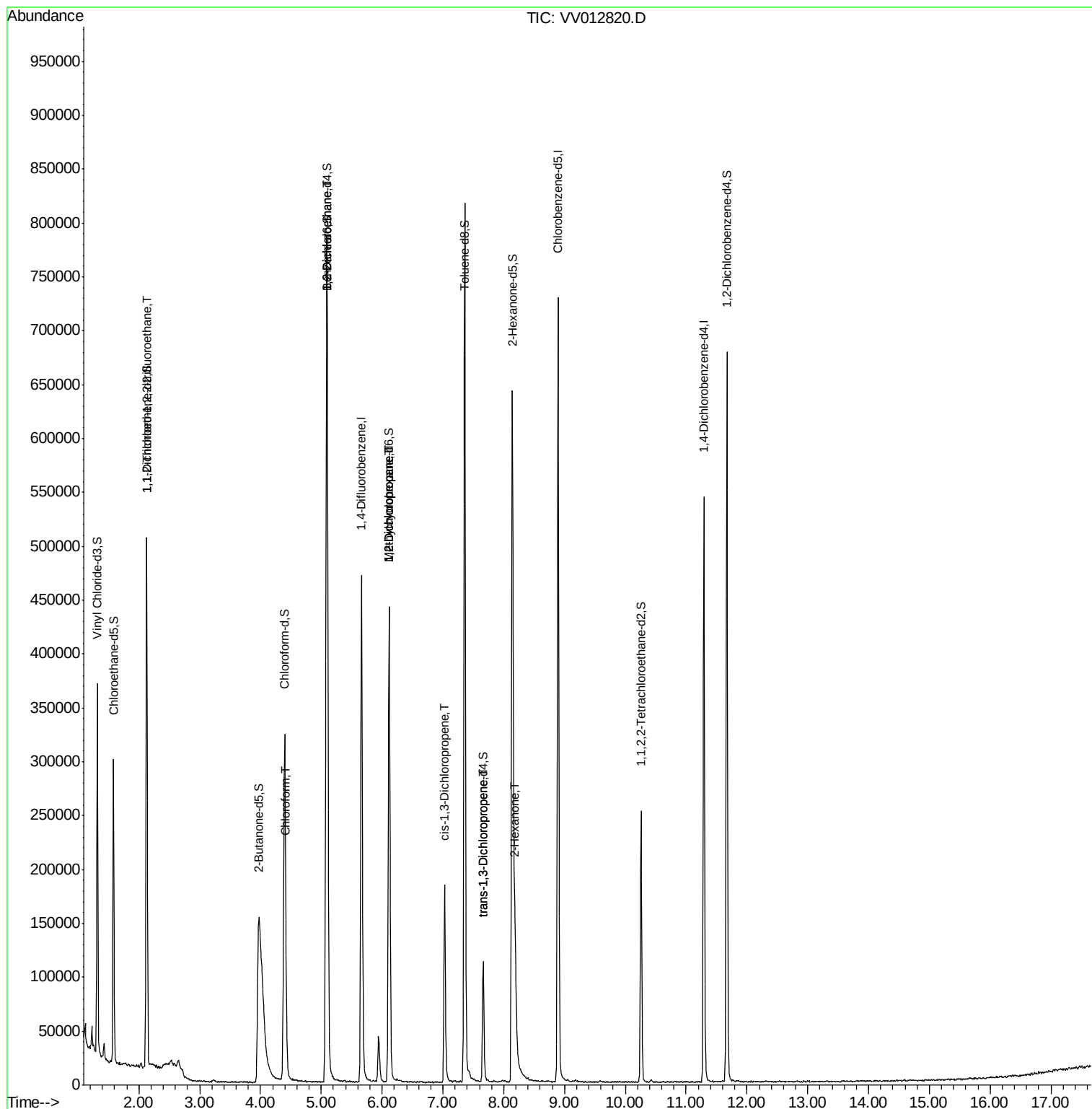
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2776	0.107	ug/L #	18
25) Chloroform	4.42	83	6732	0.117	ug/L	96
27) 1,2-Dichloroethane	5.10	62	4091	0.136	ug/L	97
35) Methylcyclohexane	6.12	83	50216	1.106	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22200	0.767	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4219	0.111	ug/L #	73
44) trans-1,3-Dichloropropene	7.66	75	3019	0.105	ug/L	94
48) 2-Hexanone	8.19	43	75943	6.611	ug/L #	91

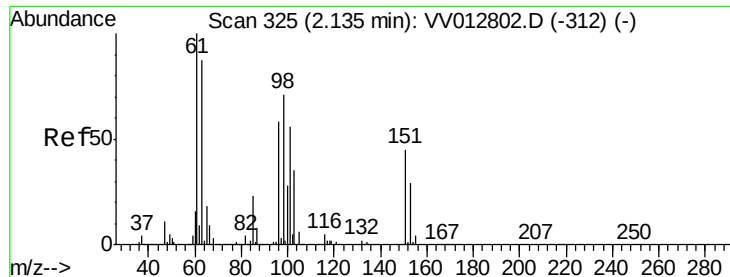
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012820.D
Acq On : 16 Sep 2019 01:53
Operator : SY/MD
Sample : K4834-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MD6

Quant Time: Sep 16 08:20:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration





#10

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

Concen: 0.107 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012820.D

Acq: 16 Sep 2019 01:53

Instrument :

MSVOA_V

ClientSampleId :

C0MD6

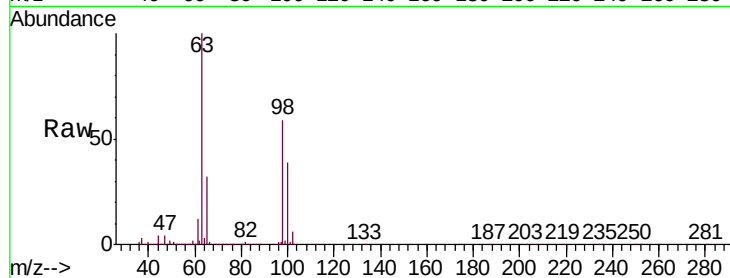
Tgt Ion:101 Resp: 2776

Ion Ratio Lower Upper

101 100

85 1.5 33.0 49.6#

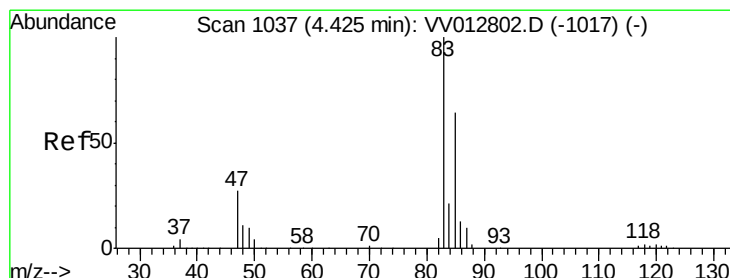
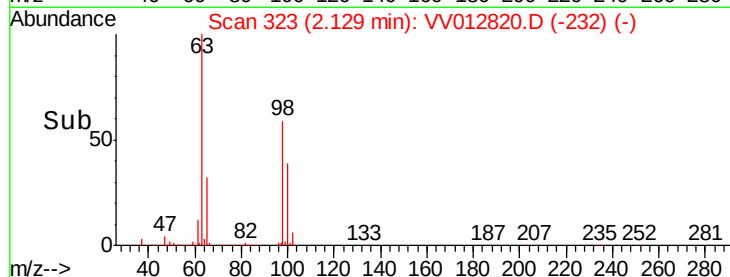
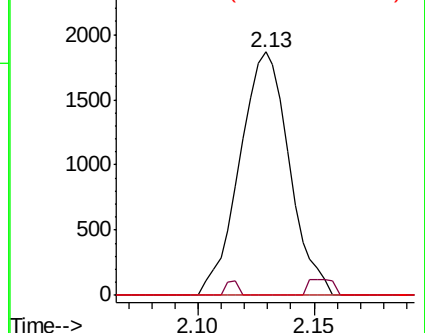
151 0.0 65.8 98.8#



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



#25

Chloroform

Concen: 0.117 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012820.D

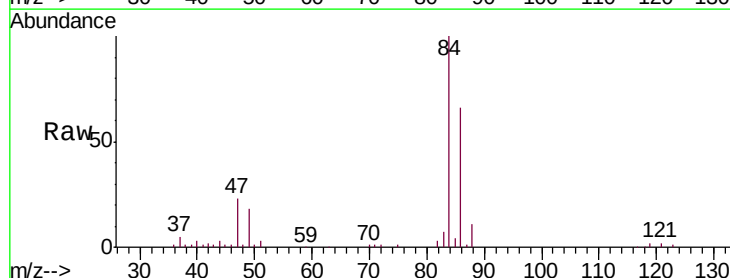
Acq: 16 Sep 2019 01:53

Tgt Ion: 83 Resp: 6732

Ion Ratio Lower Upper

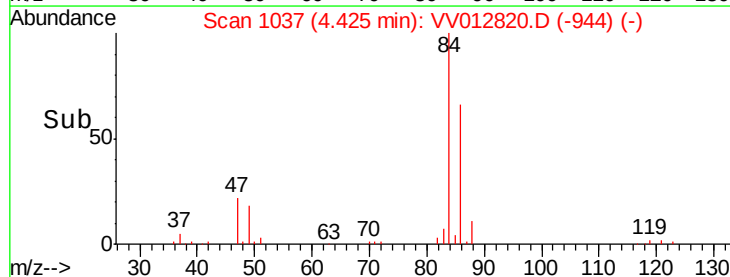
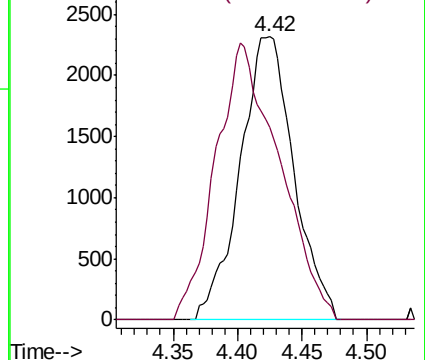
83 100

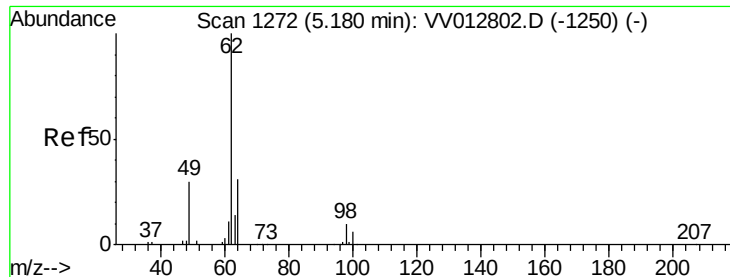
85 67.8 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

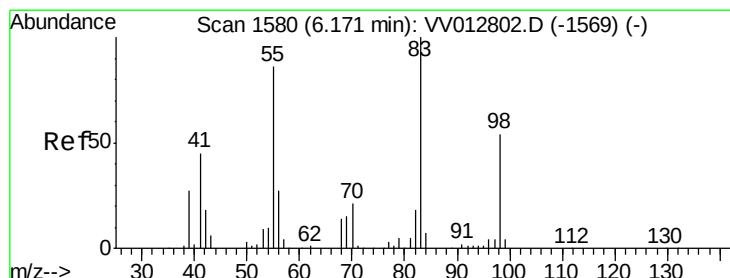
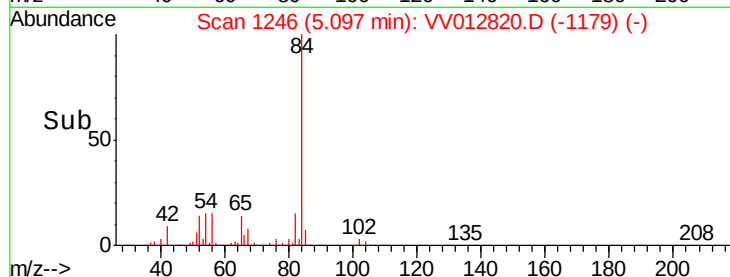
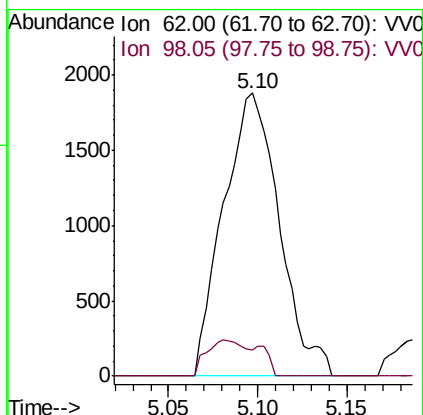
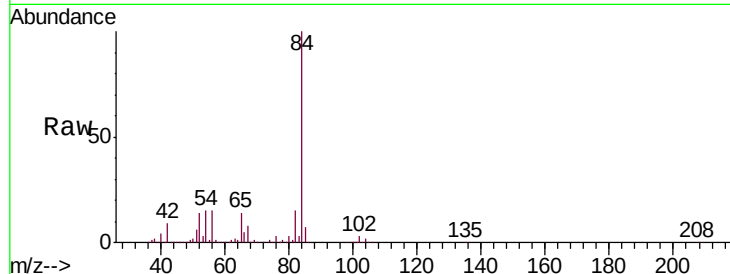




#27
 1,2-Dichloroethane
 Concen: 0.136 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV012820.D
 Acq: 16 Sep 2019 01:53

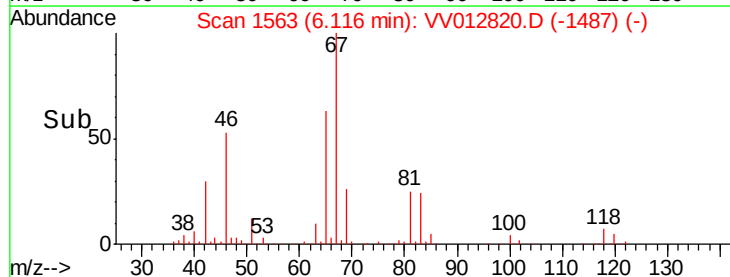
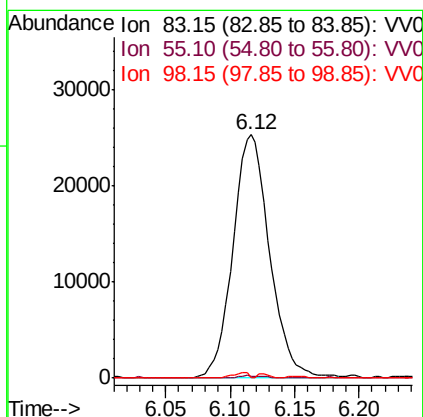
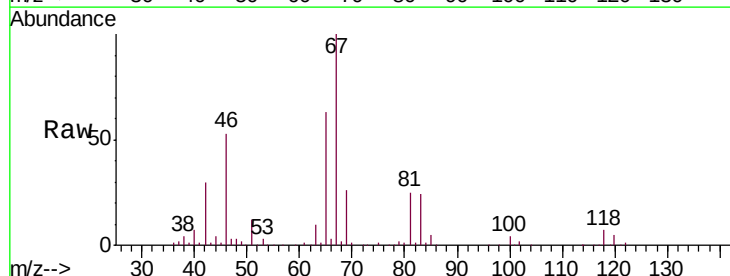
Instrument :
 MSVOA_V
 ClientSampleId :
 C0MD6

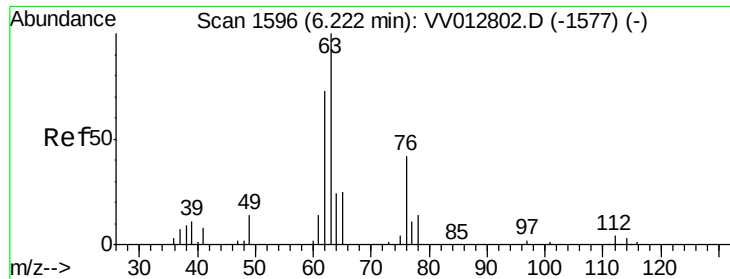
Tgt Ion: 62 Resp: 4091
 Ion Ratio Lower Upper
 62 100
 98 9.3 8.4 12.6



#35
 Methylcyclohexane
 Concen: 1.106 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV012820.D
 Acq: 16 Sep 2019 01:53

Tgt Ion: 83 Resp: 50216
 Ion Ratio Lower Upper
 83 100
 55 0.6 63.0 94.4#
 98 0.9 39.8 59.8#

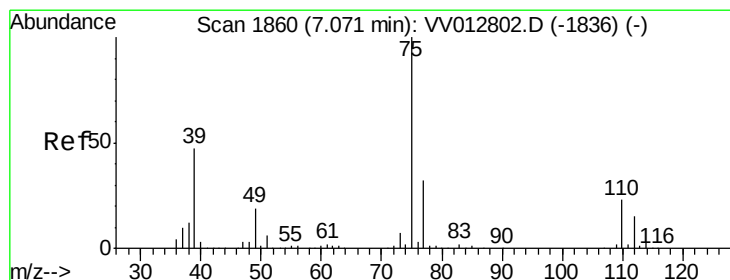
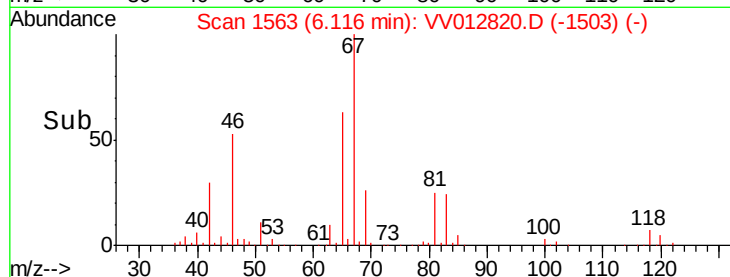
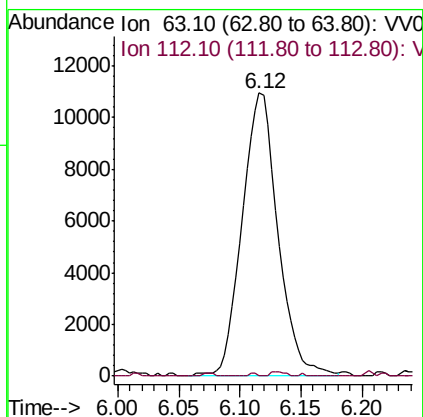
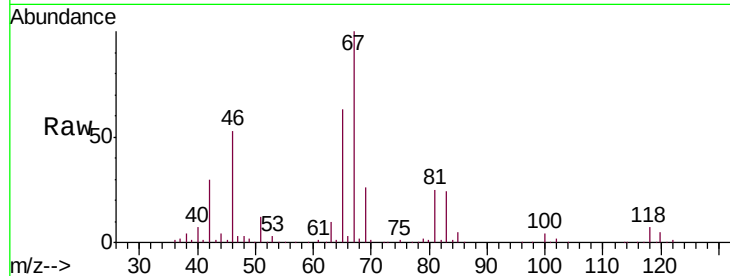




#37
 1,2-Dichloropropane
 Concen: 0.767 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV012820.D
 Acq: 16 Sep 2019 01:53

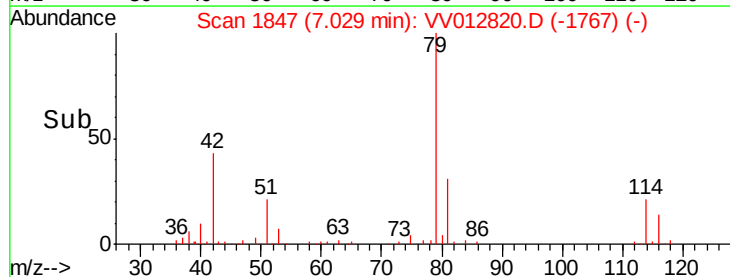
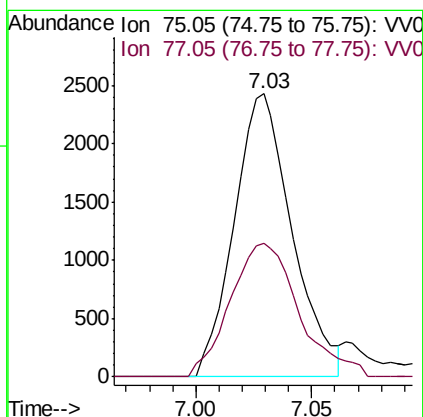
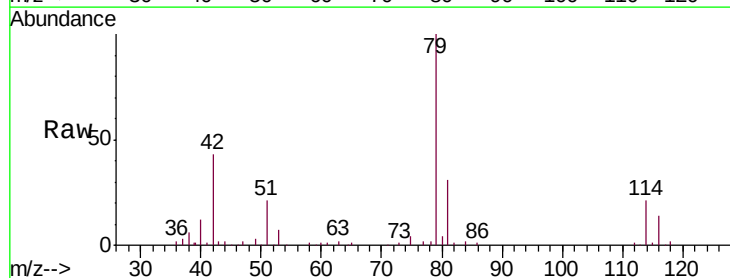
Instrument :
 MSVOA_V
 ClientSampleId :
 C0MD6

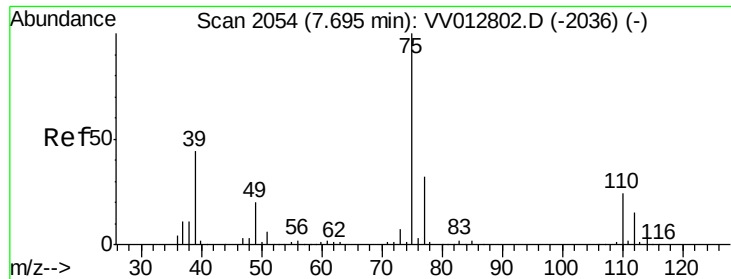
Tgt Ion: 63 Resp: 22200
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012820.D
 Acq: 16 Sep 2019 01:53

Tgt Ion: 75 Resp: 4219
 Ion Ratio Lower Upper
 75 100
 77 47.0 22.3 41.3#

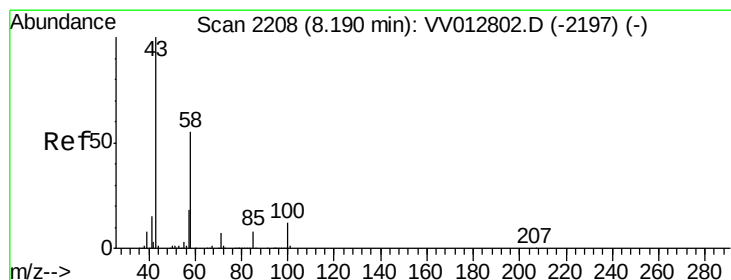
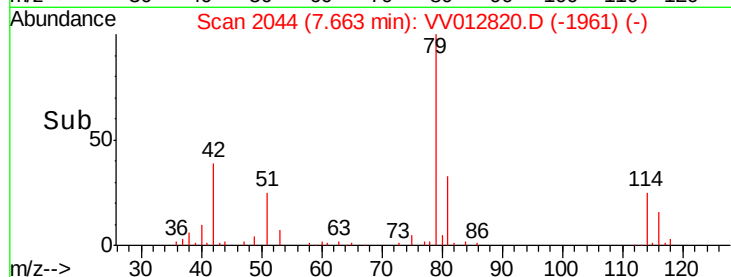
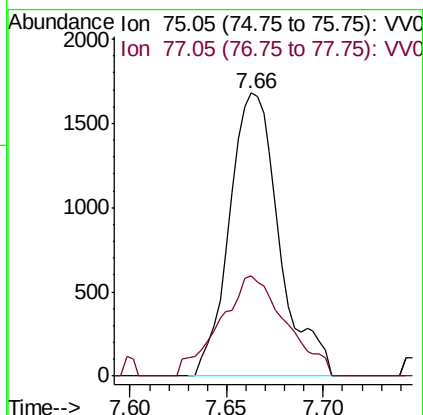
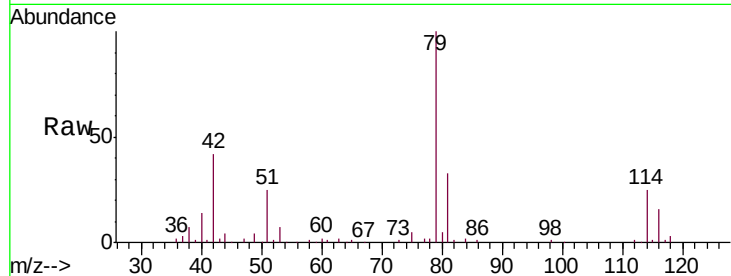




#44
trans-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012820.D
Acq: 16 Sep 2019 01:53

Instrument :
MSVOA_V
ClientSampleId :
COMD6

Tgt Ion: 75 Resp: 3019
Ion Ratio Lower Upper
75 100
77 35.4 22.4 41.6



#48
2-Hexanone
Concen: 6.611 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012820.D
Acq: 16 Sep 2019 01:53

Tgt Ion: 43 Resp: 75943
Ion Ratio Lower Upper
43 100
58 47.5 44.8 67.2
57 18.0 14.9 22.3
100 8.4 9.8 14.8#

