

Data File : VV012283.D
Acq On : 19 Aug 2019 18:06
Operator : SY/MD
Sample : K4337-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Aug 20 02:38:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	131049	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	59579	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26307	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.58	69	20323	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.13	63	39265	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.97	46	80267	44.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.92%
24) Chloroform-d	4.40	84	78598	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	42939	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	148127	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	41546	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.36	98	129128	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.67	79	17515	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.14	63	51029	39.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29229	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	55374	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

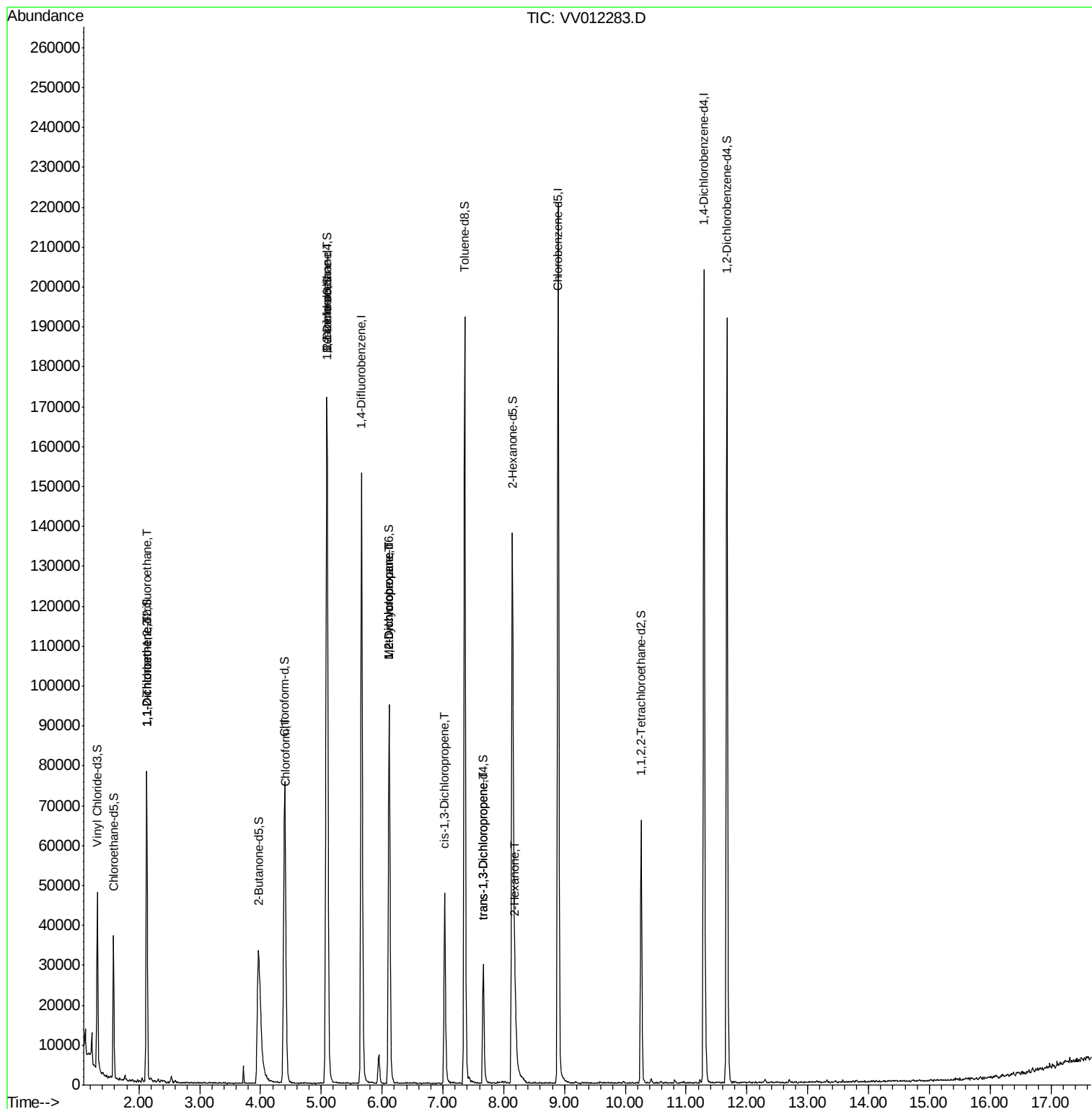
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	482	0.072	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	434	0.072	ug/L #	1
25) Chloroform	4.42	83	3886	0.206	ug/L	90
27) 1,2-Dichloroethane	5.09	62	856	0.079	ug/L #	74
35) Methylcyclohexane	6.12	83	12123	0.787	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	5575	0.679	ug/L #	81
39) cis-1,3-Dichloropropene	7.03	75	1353	0.104	ug/L #	81
44) trans-1,3-Dichloropropene	7.67	75	993	0.095	ug/L #	68
48) 2-Hexanone	8.19	43	11299	3.640	ug/L #	87

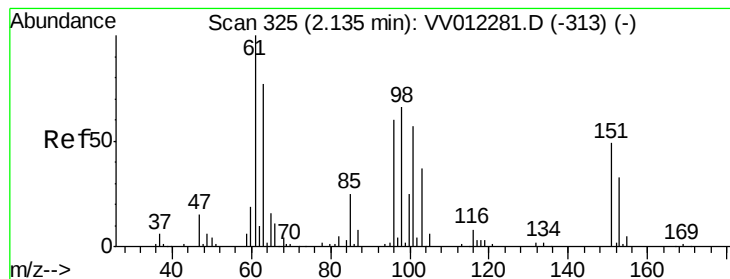
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV012283.D

Acq: 19 Aug 2019 18:06

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

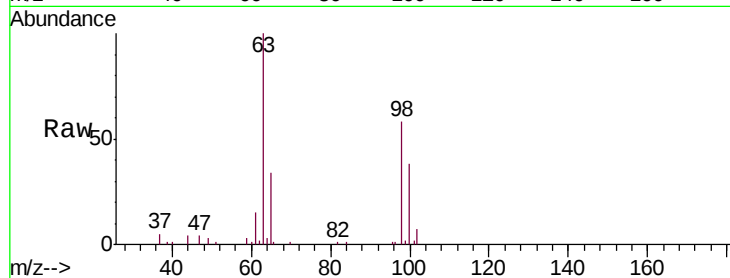
Tgt Ion: 101 Resp: 482

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 71.5 107.3#



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

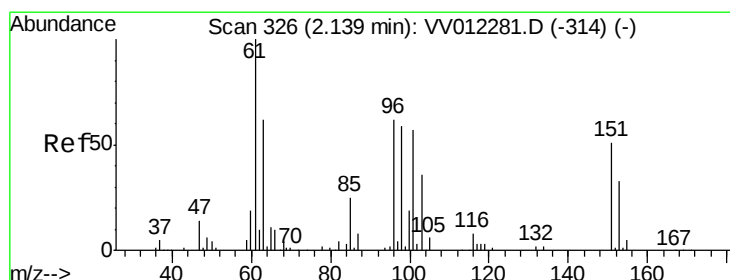
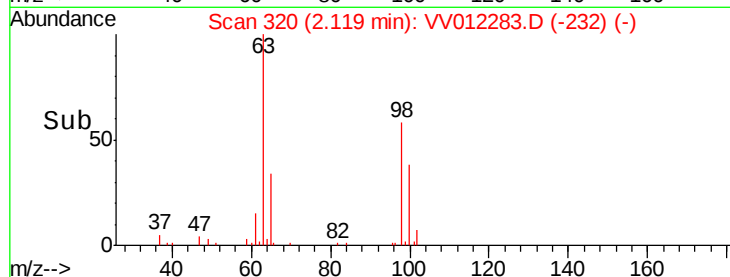
2.12

200

100

0

Time--> 2.08 2.10 2.12 2.14 2.16



#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012283.D

Acq: 19 Aug 2019 18:06

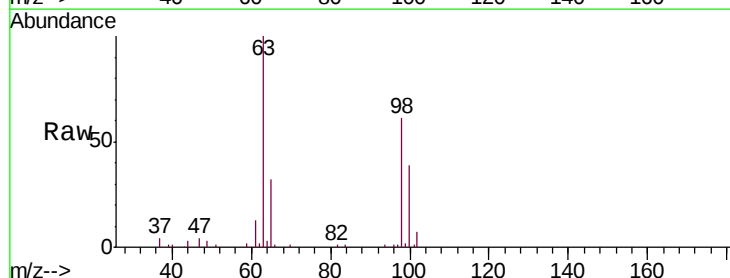
Tgt Ion: 96 Resp: 434

Ion Ratio Lower Upper

96 100

61 972.1 117.7 218.7#

63 7548.4 81.1 150.5#



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

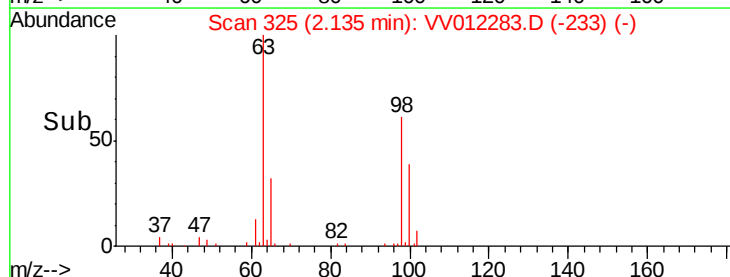
30000

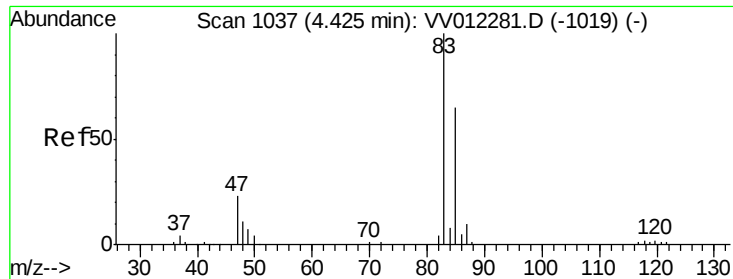
20000

10000

0

Time--> 2.10 2.12 2.14 2.16

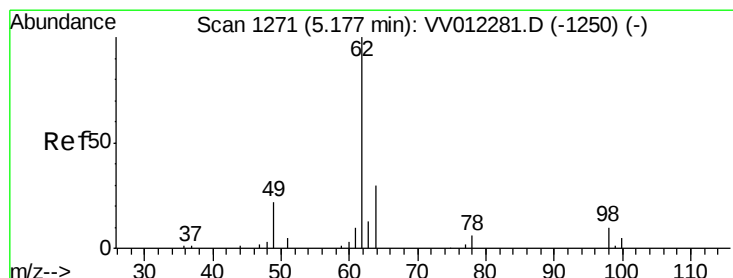
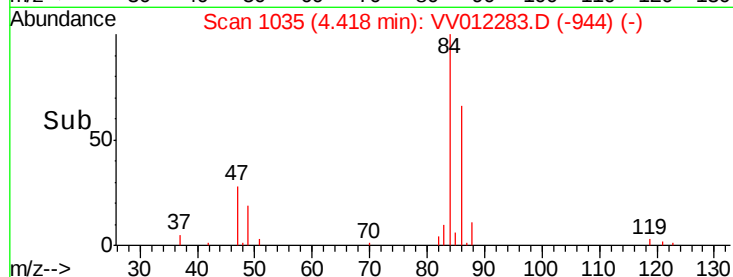
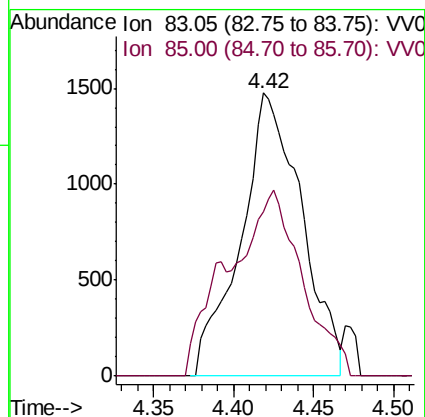
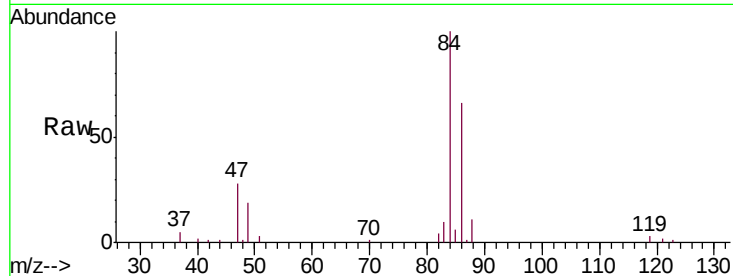




#25
Chloroform
Concen: 0.206 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV012283.D
Acq: 19 Aug 2019 18:06

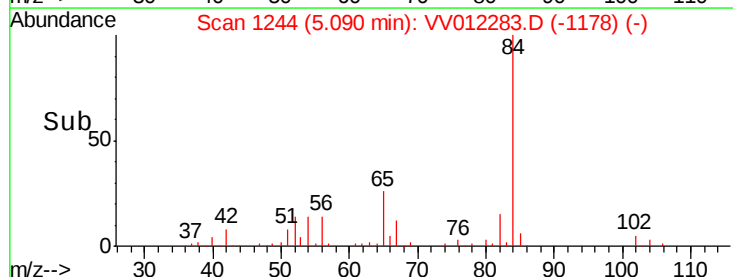
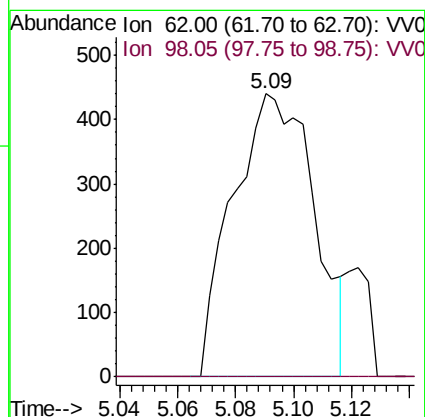
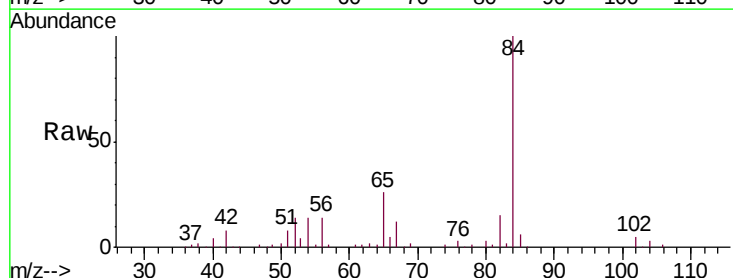
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

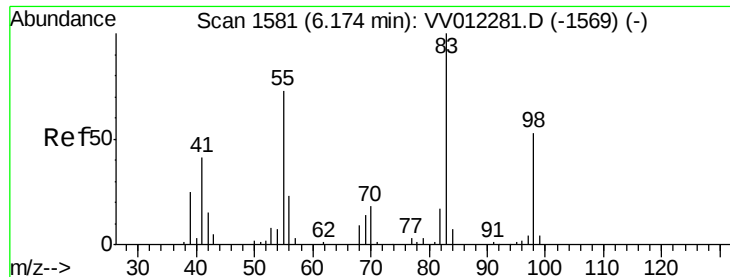
Tgt Ion: 83 Resp: 3886
Ion Ratio Lower Upper
83 100
85 58.0 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.09 min Scan# 1244
Delta R.T. -0.09 min
Lab File: VV012283.D
Acq: 19 Aug 2019 18:06

Tgt Ion: 62 Resp: 856
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

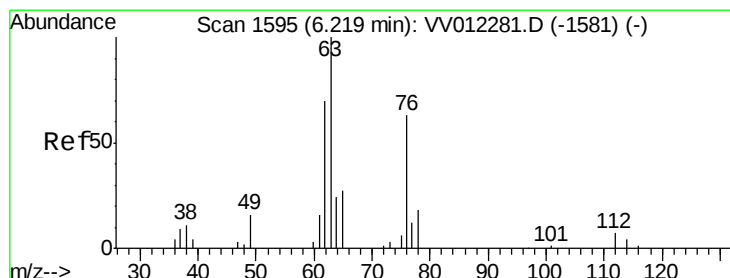
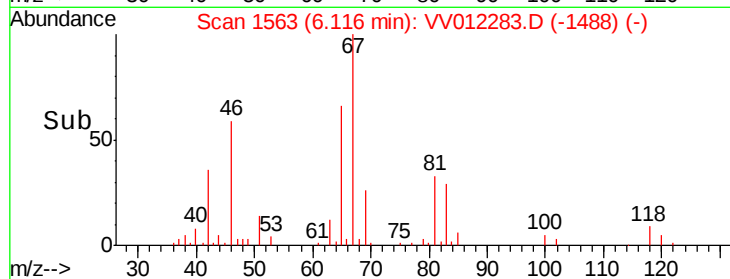
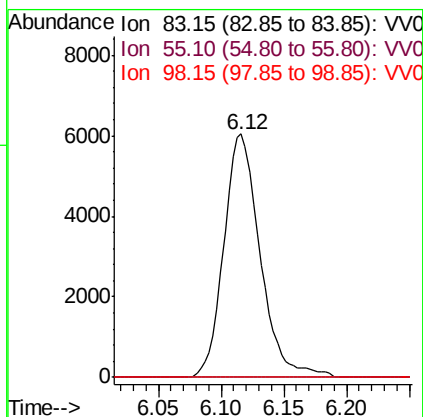
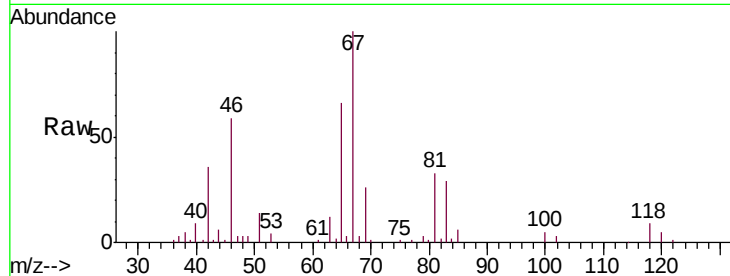




#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012283.D
Acq: 19 Aug 2019 18:06

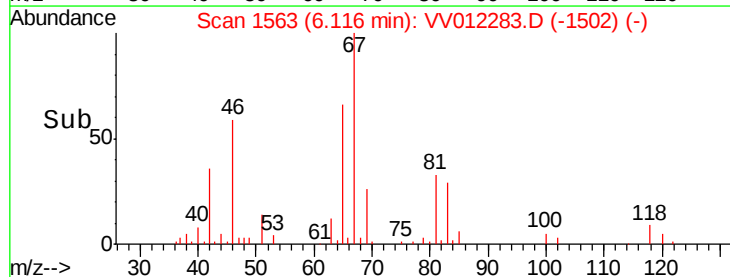
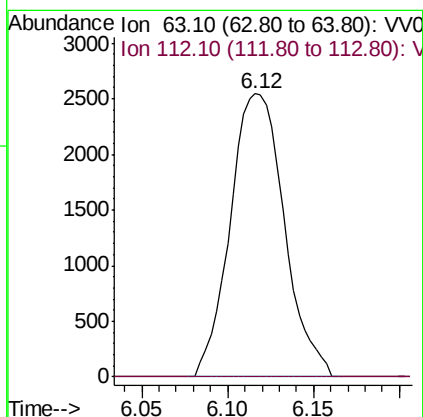
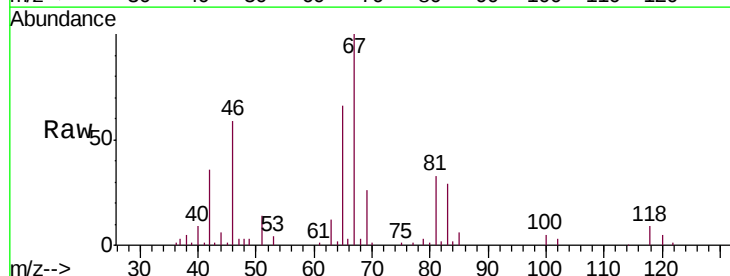
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

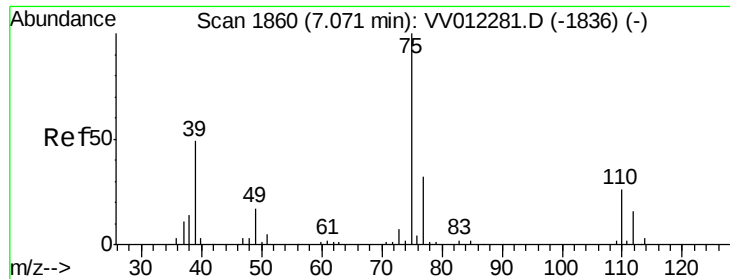
Tgt Ion: 83 Resp: 12123
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 3.2 40.3 60.5#



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012283.D
Acq: 19 Aug 2019 18:06

Tgt Ion: 63 Resp: 5575
Ion Ratio Lower Upper
63 100
112 0.0 5.1 7.7#

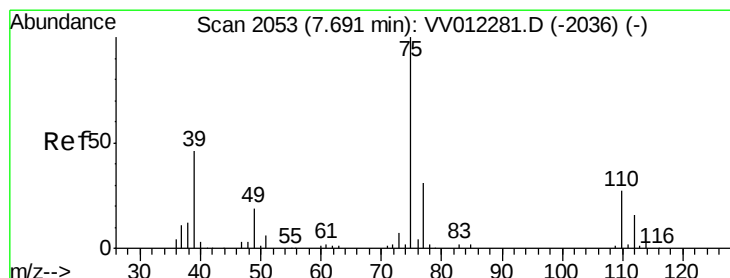
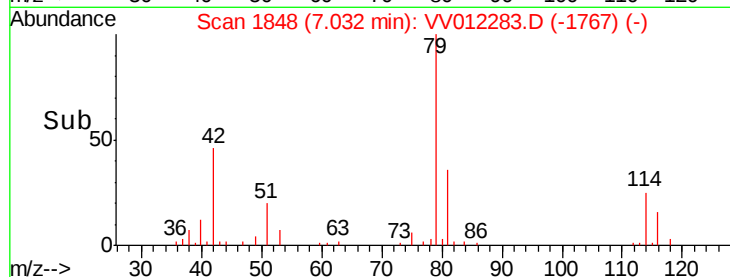
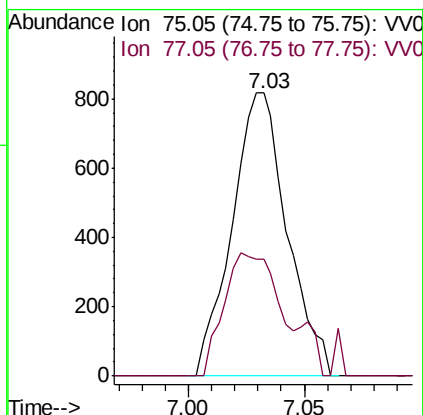
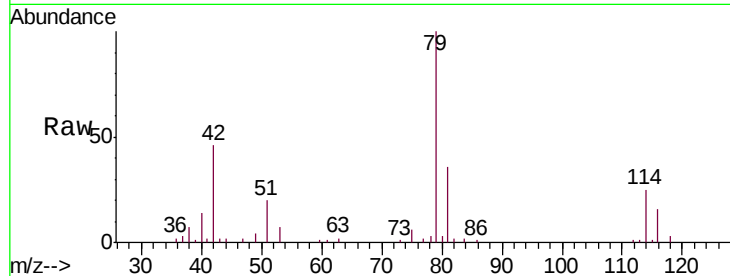




#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV012283.D
Acq: 19 Aug 2019 18:06

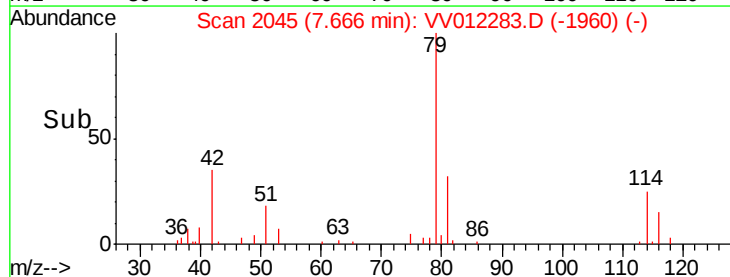
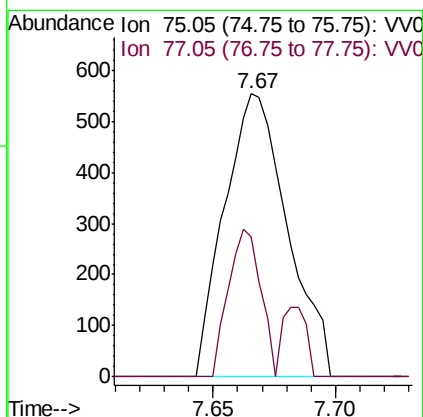
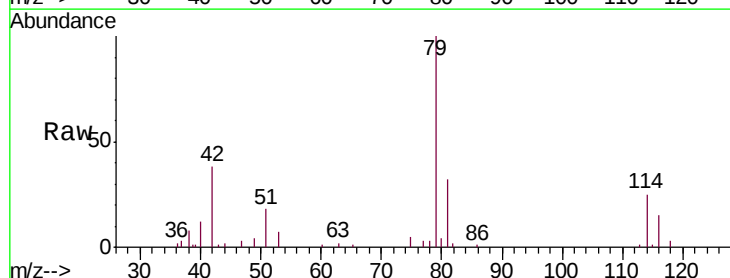
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

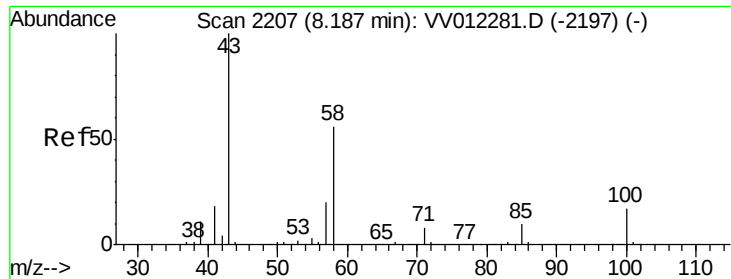
Tgt Ion: 75 Resp: 1353
Ion Ratio Lower Upper
75 100
77 41.2 21.5 39.9#



#44
trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012283.D
Acq: 19 Aug 2019 18:06

Tgt Ion: 75 Resp: 993
Ion Ratio Lower Upper
75 100
77 49.3 22.1 41.1#





#48
 2-Hexanone
 Concen: 3.640 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VV012283.D
 Acq: 19 Aug 2019 18:06

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion:	43	Resp:	11299
Ion	Ratio	Lower	Upper
43	100		
58	48.7	45.4	68.2
57	14.9	16.8	25.2#
100	5.7	12.2	18.2#

