

Data File : VV012891.D
Acq On : 18 Sep 2019 13:00
Operator : SY/MD
Sample : K4833-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOH5

Quant Time: Sep 19 01:57:35 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	376105	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	365338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164224	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	144880	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	209350	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.99	46	345492	44.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.64%
24) Chloroform-d	4.40	84	280739	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	147978	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	586498	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	182879	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	472792	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.66	79	58646	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	234293	42.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120083	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	157359	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

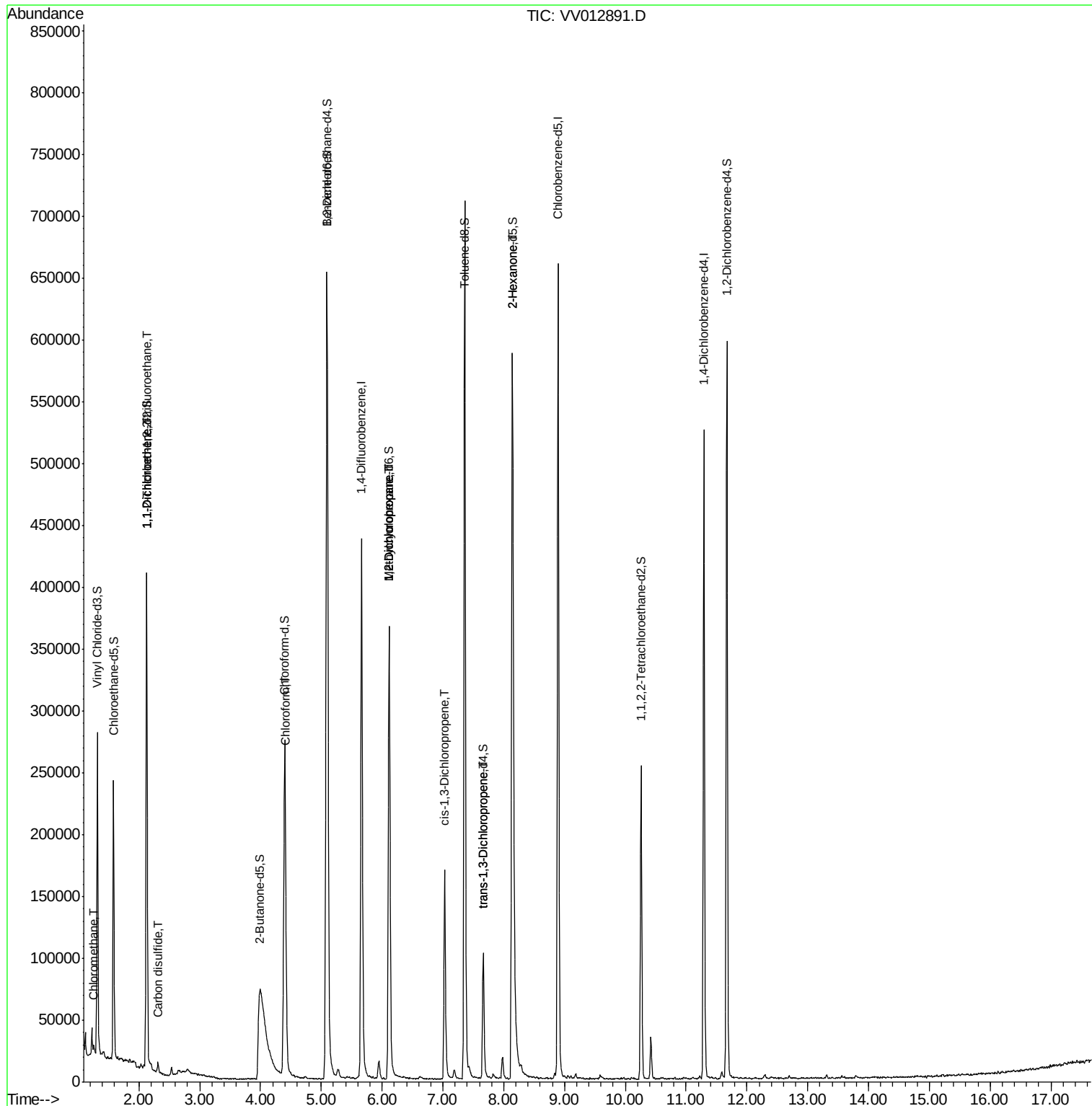
						Qvalue
3) Chloromethane	1.25	50	4222	0.161	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1999	0.090	ug/L #	28
12) 1,1-Dichloroethene	2.13	96	1706	0.085	ug/L #	1
14) Carbon disulfide	2.32	76	9138	0.221	ug/L	97
25) Chloroform	4.42	83	6600	0.127	ug/L	79
35) Methylcyclohexane	6.12	83	42947	1.311	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	19277	0.746	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	4425	0.129	ug/L #	42
44) trans-1,3-Dichloropropene	7.66	75	2613	0.096	ug/L #	70
48) 2-Hexanone	8.14	43	34401	2.862	ug/L #	87

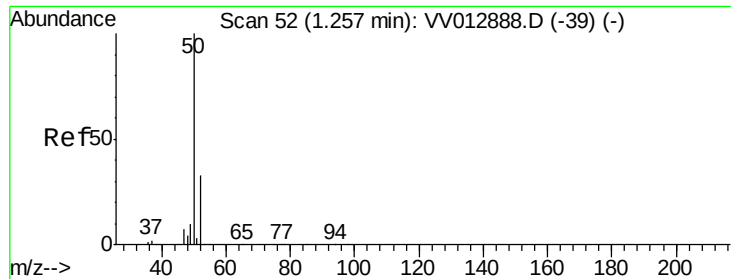
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012891.D
Acq On : 18 Sep 2019 13:00
Operator : SY/MD
Sample : K4833-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOH5

Quant Time: Sep 19 01:57:35 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





#3

Chloromethane

Concen: 0.161 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV012891.D

Acq: 18 Sep 2019 13:00

Instrument :

MSVOA_V

ClientSampleId :

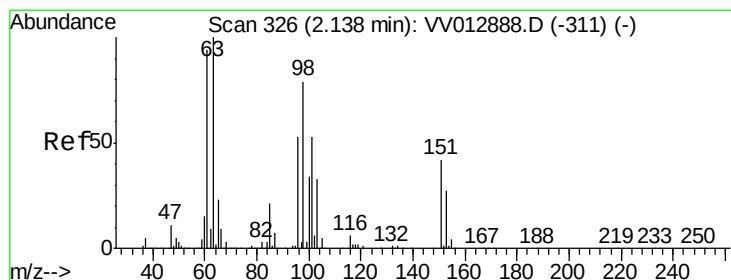
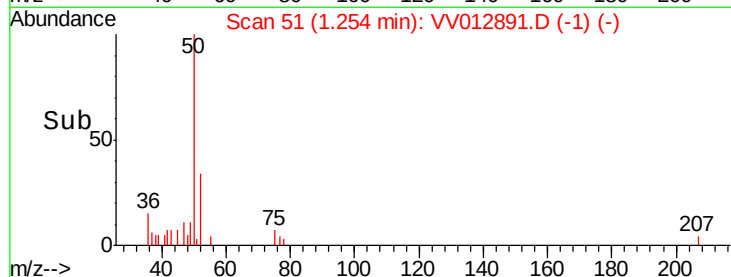
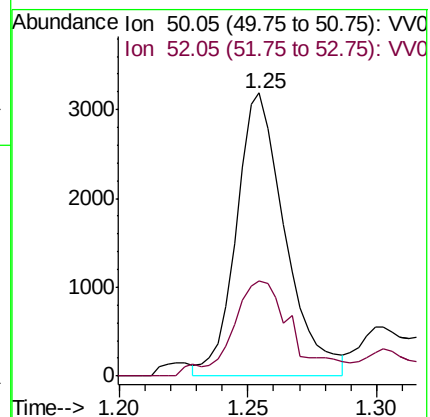
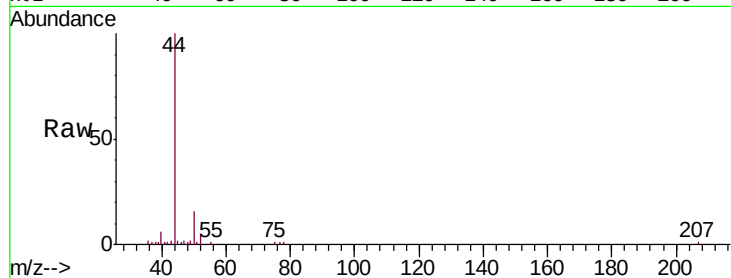
ETOH5

Tgt Ion: 50 Resp: 4222

Ion Ratio Lower Upper

50 100

52 33.6 22.8 42.4



#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012891.D

Acq: 18 Sep 2019 13:00

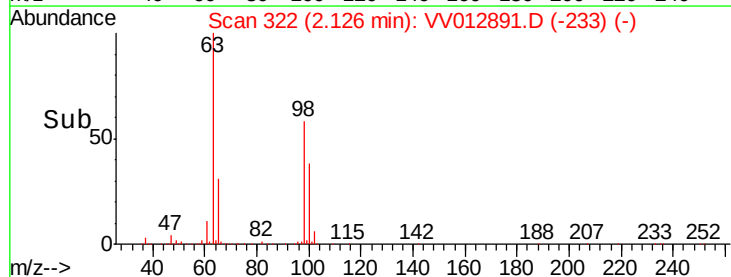
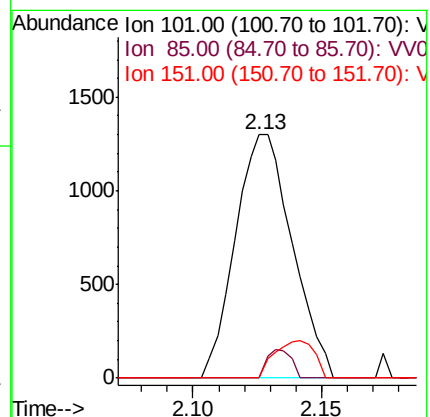
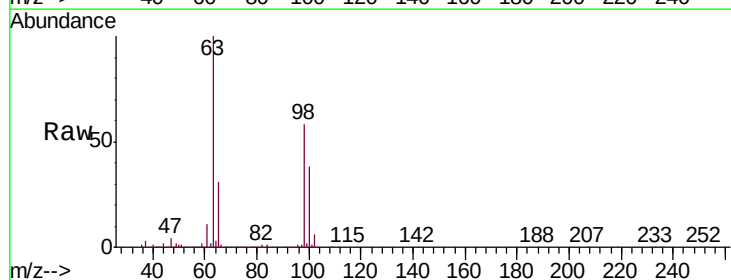
Tgt Ion: 101 Resp: 1999

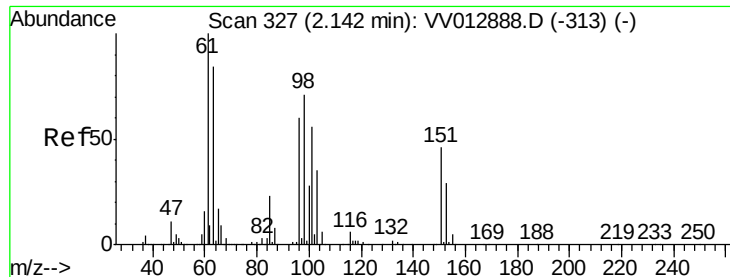
Ion Ratio Lower Upper

101 100

85 5.1 33.5 50.3#

151 10.6 64.0 96.0#

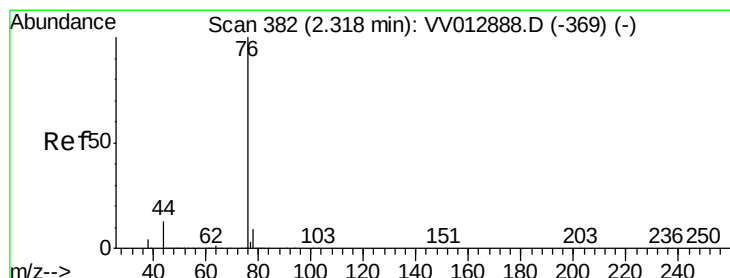
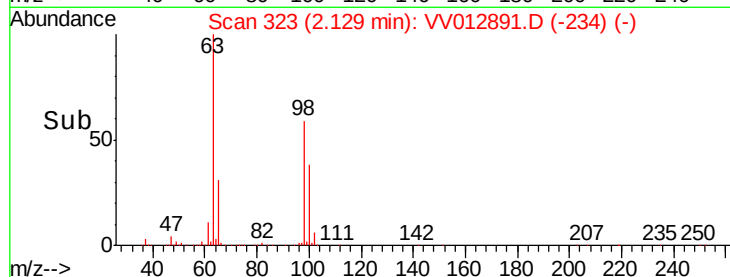
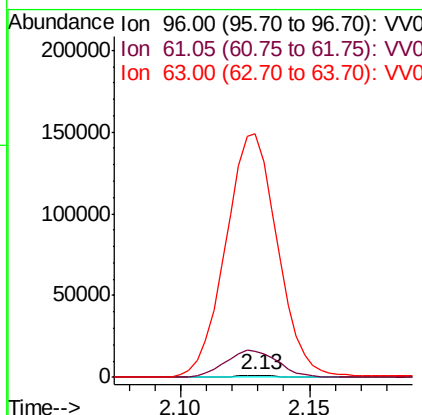
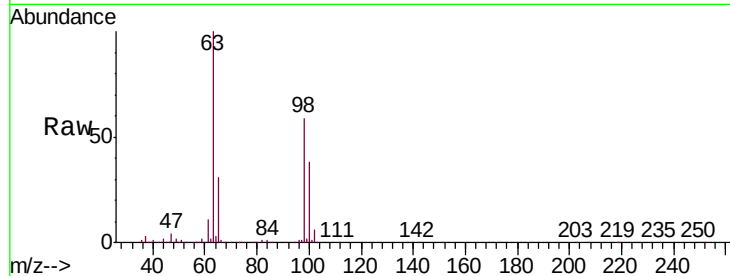




#12
 1,1-Dichloroethene
 Concen: 0.085 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012891.D
 Acq: 18 Sep 2019 13:00

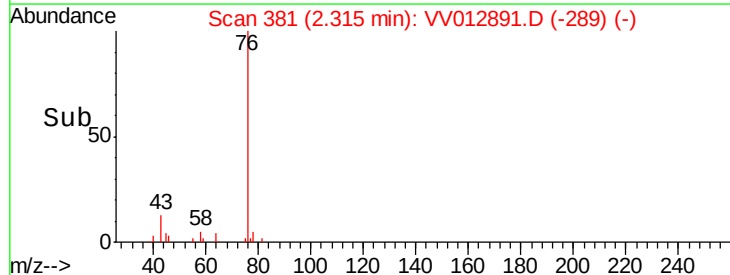
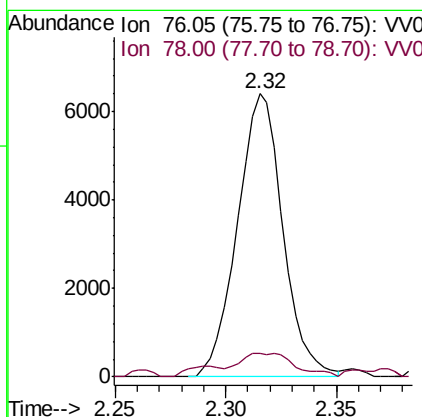
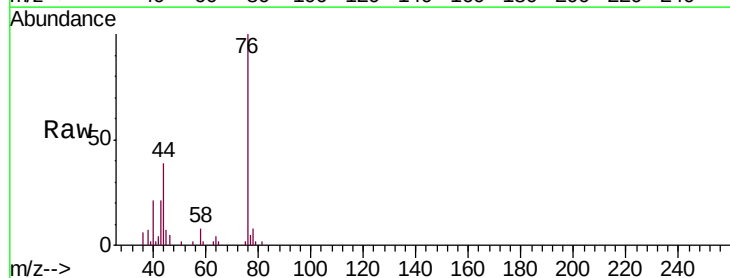
Instrument :
 MSVOA_V
 ClientSampleId :
 ETOH5

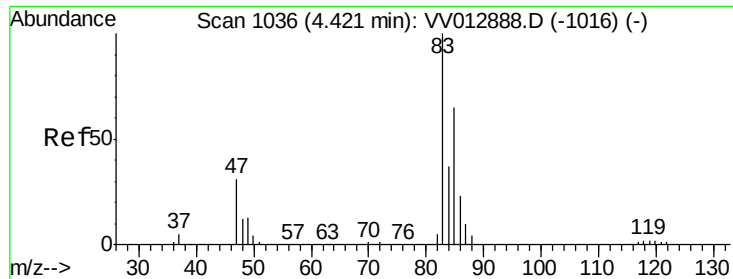
Tgt Ion: 96 Resp: 1706
 Ion Ratio Lower Upper
 96 100
 61 1401.3 116.1 215.5#
 63 12822.0 113.3 210.3#



#14
 Carbon disulfide
 Concen: 0.221 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VV012891.D
 Acq: 18 Sep 2019 13:00

Tgt Ion: 76 Resp: 9138
 Ion Ratio Lower Upper
 76 100
 78 8.3 7.6 11.4

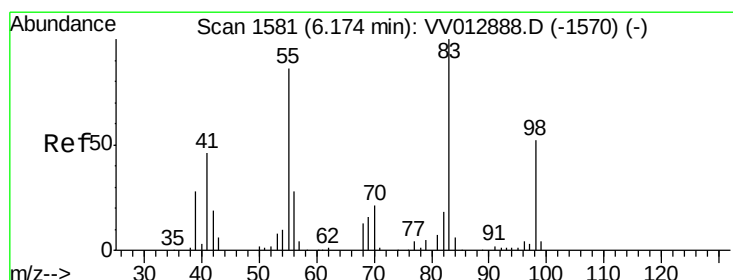
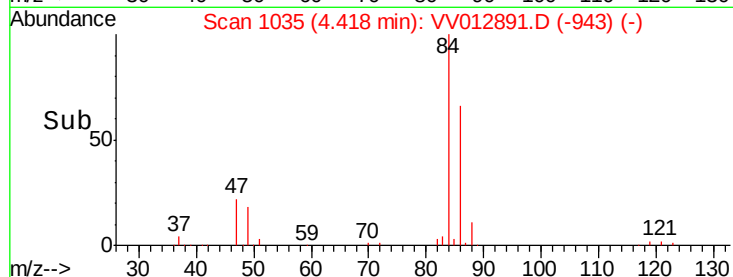
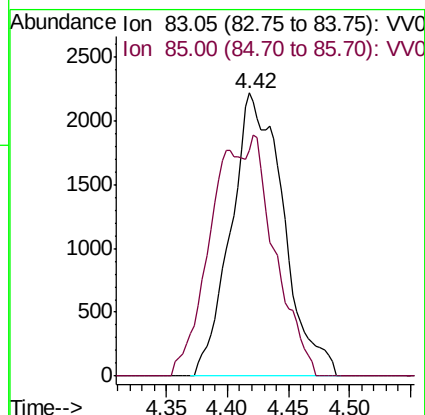
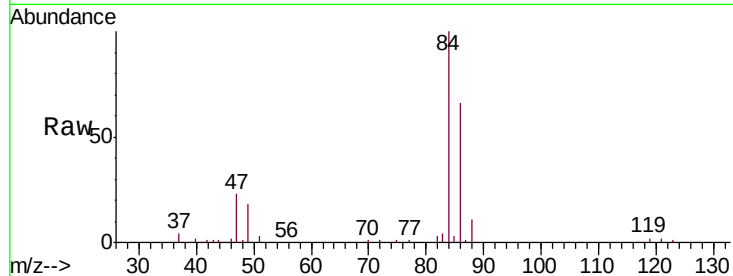




#25
Chloroform
Concen: 0.127 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV012891.D
Acq: 18 Sep 2019 13:00

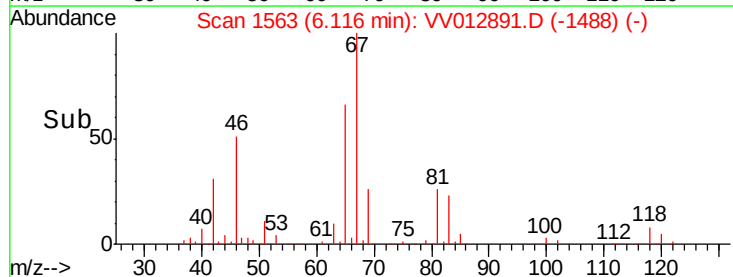
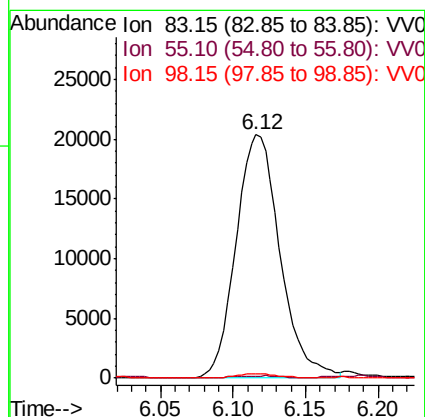
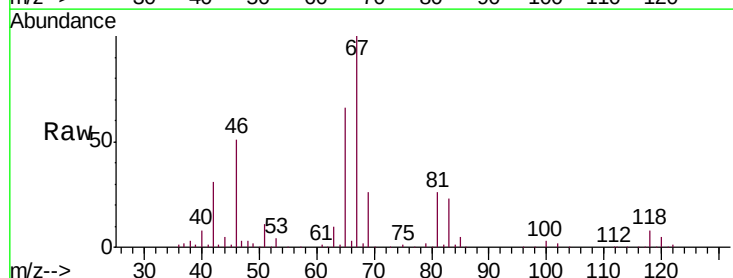
Instrument :
MSVOA_V
ClientSampleId :
ETOH5

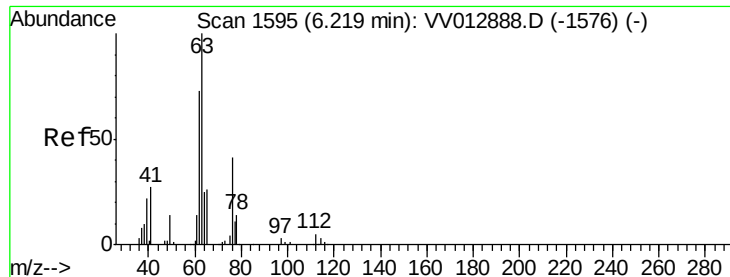
Tgt Ion: 83 Resp: 6600
Ion Ratio Lower Upper
83 100
85 79.9 44.4 82.5



#35
Methylcyclohexane
Concen: 1.311 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012891.D
Acq: 18 Sep 2019 13:00

Tgt Ion: 83 Resp: 42947
Ion Ratio Lower Upper
83 100
55 0.9 63.8 95.6#
98 1.7 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.746 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV012891.D

Acq: 18 Sep 2019 13:00

Instrument :

MSVOA_V

ClientSampled :

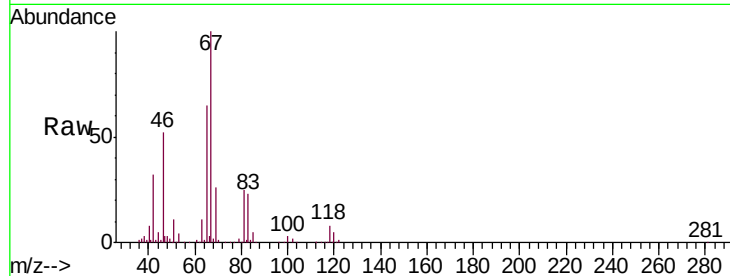
ETOH5

Tgt Ion: 63 Resp: 19277

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

6.11

10000

8000

6000

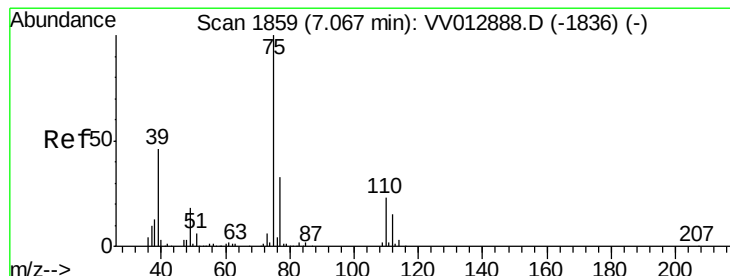
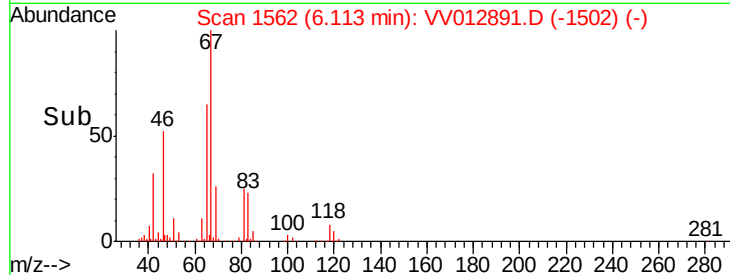
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012891.D

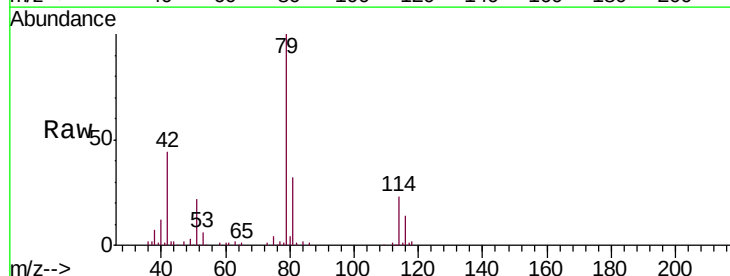
Acq: 18 Sep 2019 13:00

Tgt Ion: 75 Resp: 4425

Ion Ratio Lower Upper

75 100

77 62.3 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

2000

1500

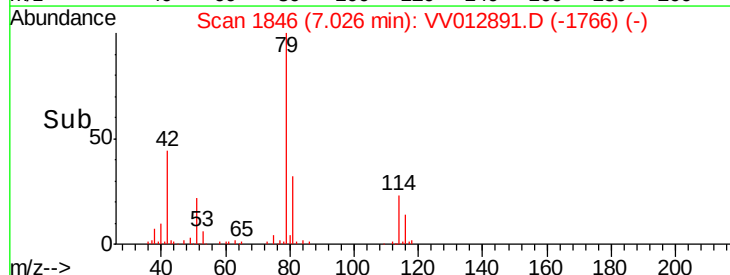
1000

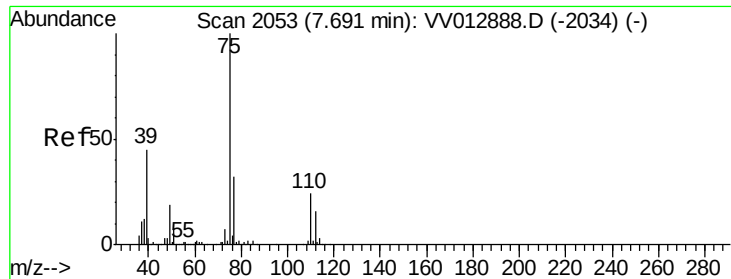
500

0

6.95 7.00 7.05 7.10

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012891.D

Acq: 18 Sep 2019 13:00

Instrument :

MSVOA_V

ClientSampleId :

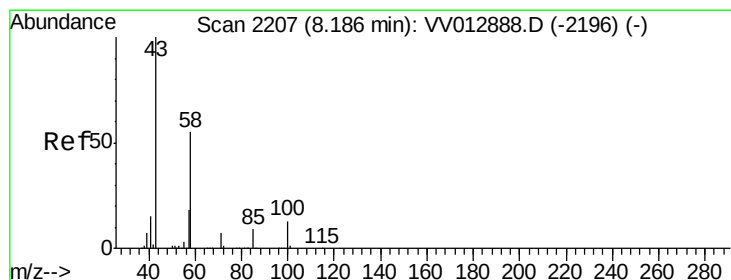
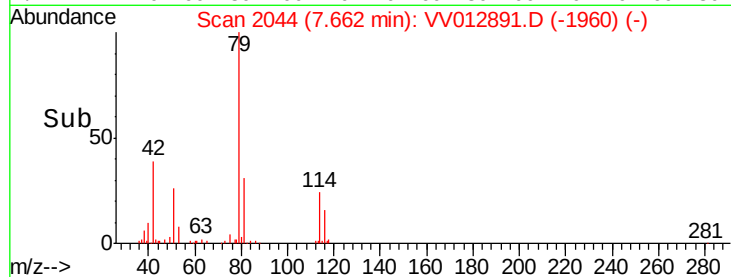
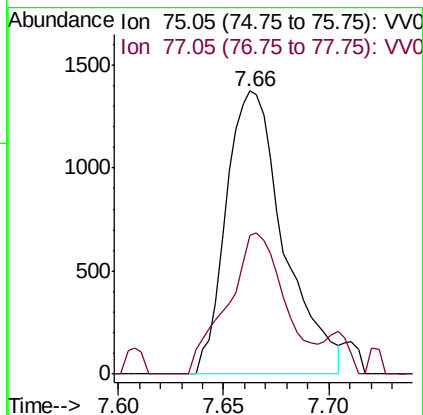
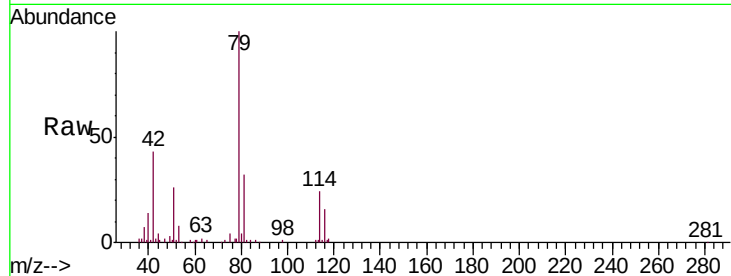
ETOH5

Tgt Ion: 75 Resp: 2613

Ion Ratio Lower Upper

75 100

77 48.9 22.5 41.7#



#48

2-Hexanone

Concen: 2.862 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV012891.D

Acq: 18 Sep 2019 13:00

Tgt Ion: 43 Resp: 34401

Ion Ratio Lower Upper

43 100

58 51.3 44.5 66.7

57 31.4 15.0 22.6#

100 2.8 9.7 14.5#

