

Data File : VV011347.D
Acq On : 10 Jun 2019 13:43
Operator : SY/MD
Sample : K3276-21RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB8F7RE

Quant Time: Jun 11 01:35:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143948	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53821	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	201	0.02	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.40%#
7) Chloroethane-d5	1.56	69	39086	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.12	63	37074	1.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	34.00%#
20) 2-Butanone-d5	3.95	46	125983	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.40	84	89805	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.08	65	50938	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.09	84	176920	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	56427	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	46541	1.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	26.00%#
43) trans-1,3-Dichloropropene-	7.66	79	10228	2.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	44.60%#
46) 2-Hexanone-d5	8.13	63	96934	50.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38031	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	50889	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

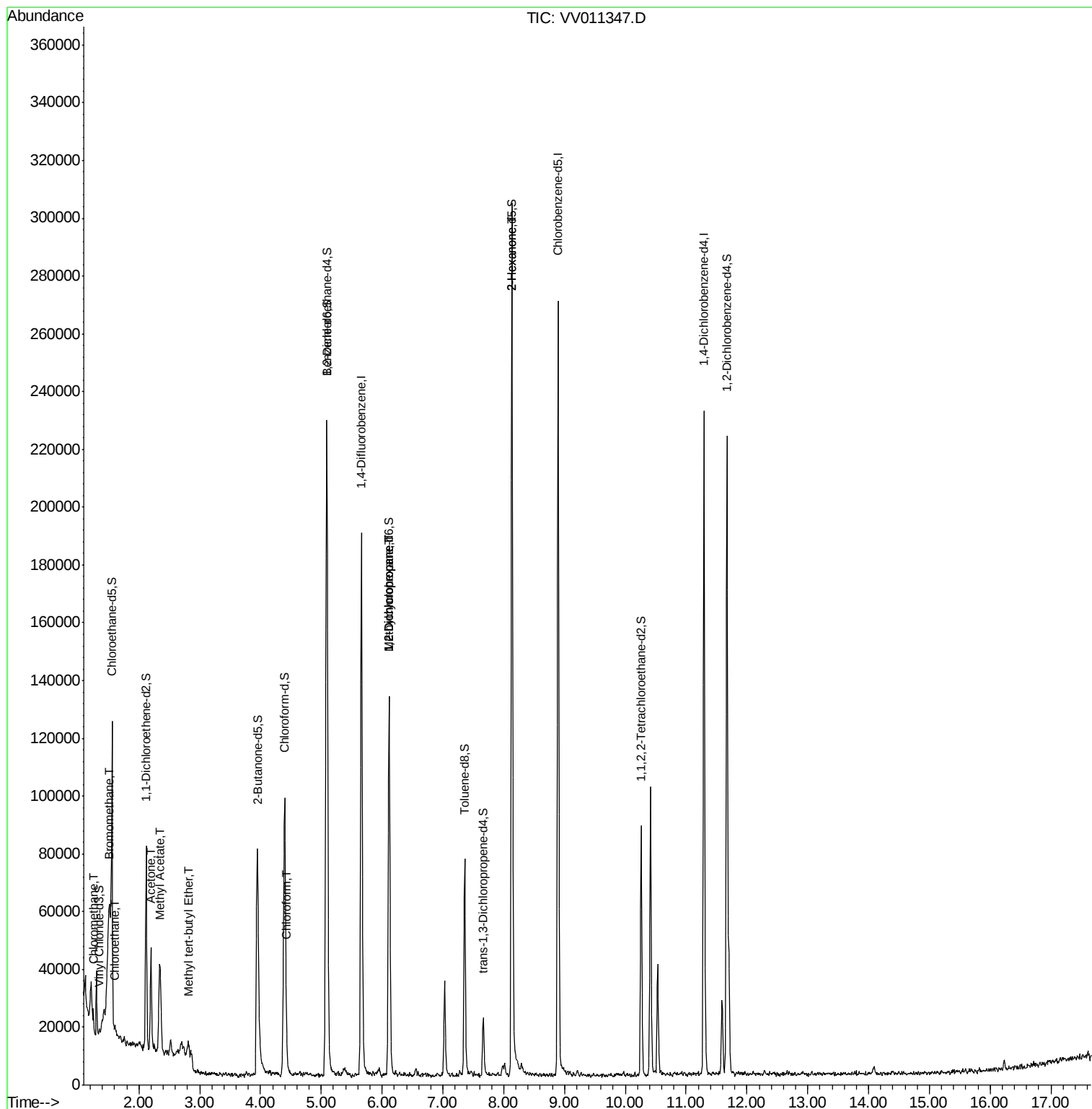
						Qvalue
3) Chloromethane	1.25	50	4012	0.292	ug/L	87
6) Bromomethane	1.52	94	1024	0.149	ug/L	98
8) Chloroethane	1.61	64	821	0.097	ug/L #	64
13) Acetone	2.20	43	24702	15.003	ug/L	98
15) Methyl Acetate	2.34	43	10992	2.514	ug/L #	53
17) Methyl tert-butyl Ether	2.80	73	3512	0.145	ug/L #	76
25) Chloroform	4.43	83	4060	0.196	ug/L	85
35) Methylcyclohexane	6.12	83	14098	0.796	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7108	0.689	ug/L #	87
48) 2-Hexanone	8.13	43	13136	2.865	ug/L #	69

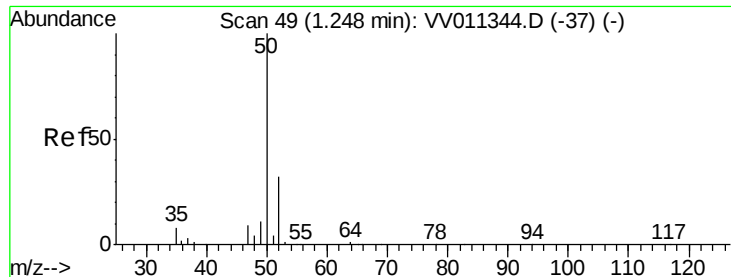
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.292 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011347.D

Acq: 10 Jun 2019 13:43

Instrument :

MSVOA_V

ClientSampleId :

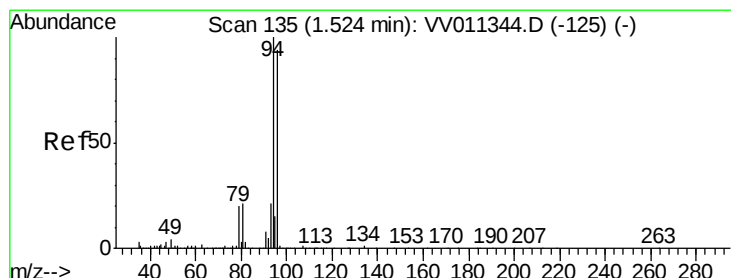
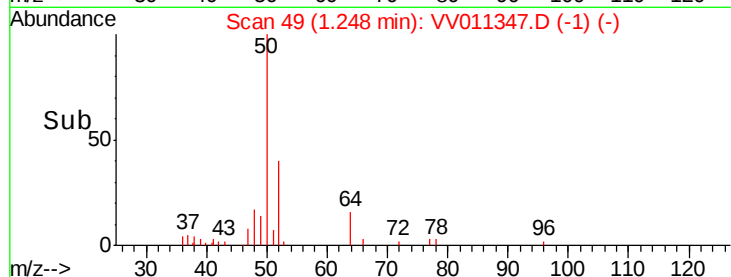
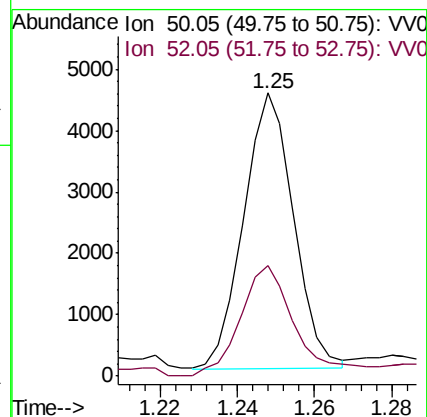
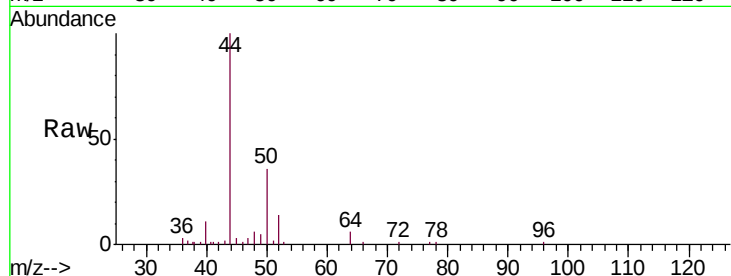
DB8F7RE

Tgt Ion: 50 Resp: 4012

Ion Ratio Lower Upper

50 100

52 39.3 22.3 41.5



#6

Bromomethane

Concen: 0.149 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.01 min

Lab File: VV011347.D

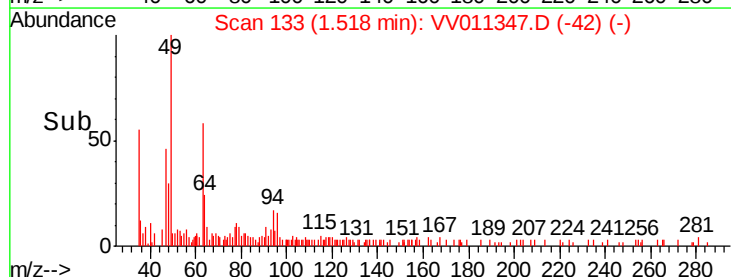
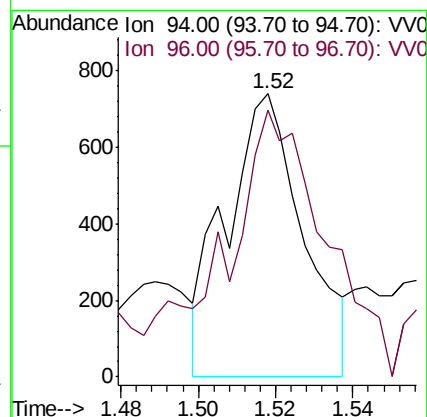
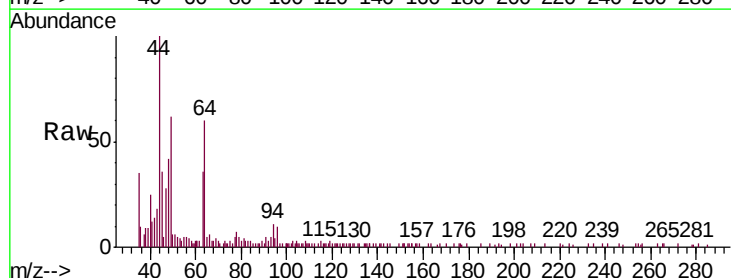
Acq: 10 Jun 2019 13:43

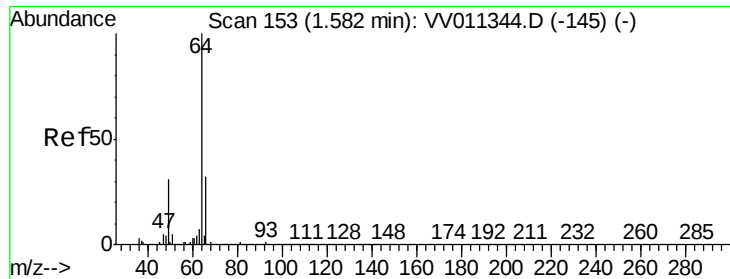
Tgt Ion: 94 Resp: 1024

Ion Ratio Lower Upper

94 100

96 94.1 67.0 124.4





#8

Chloroethane

Concen: 0.097 ug/L

RT: 1.61 min Scan# 163

Delta R.T. 0.03 min

Lab File: VV011347.D

Acq: 10 Jun 2019 13:43

Instrument :

MSVOA_V

ClientSampleId :

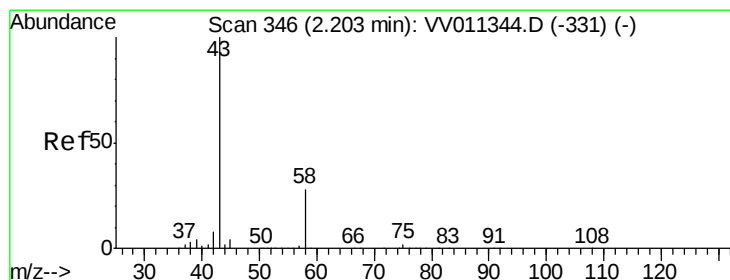
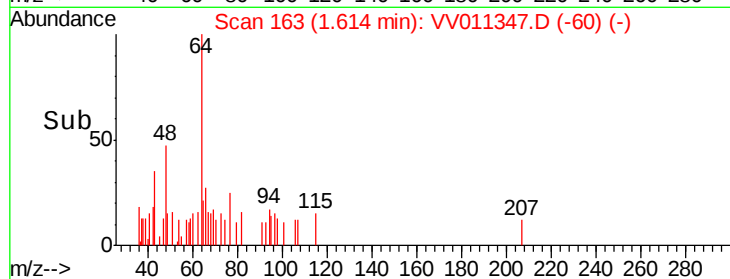
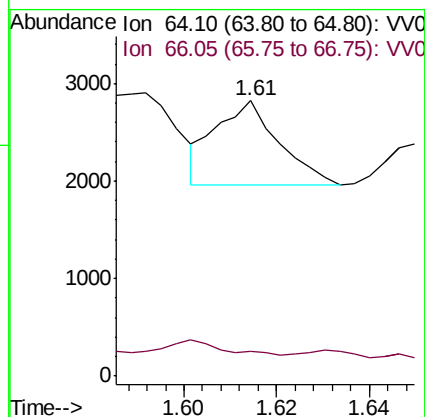
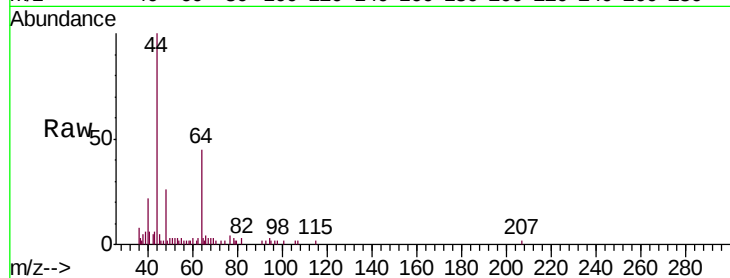
DB8F7RE

Tgt Ion: 64 Resp: 821

Ion Ratio Lower Upper

64 100

66 9.0 19.4 36.0#



#13

Acetone

Concen: 15.003 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV011347.D

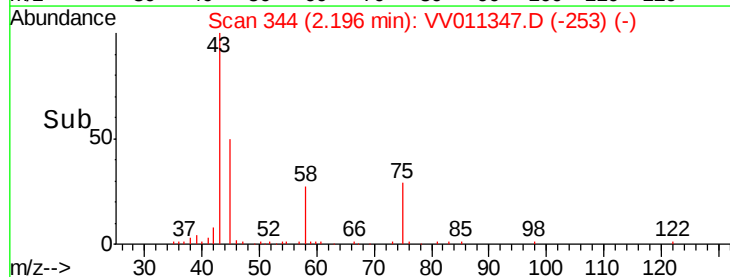
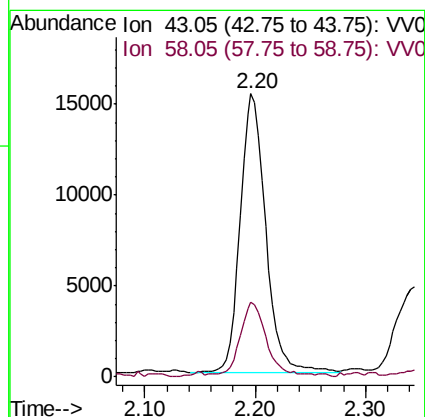
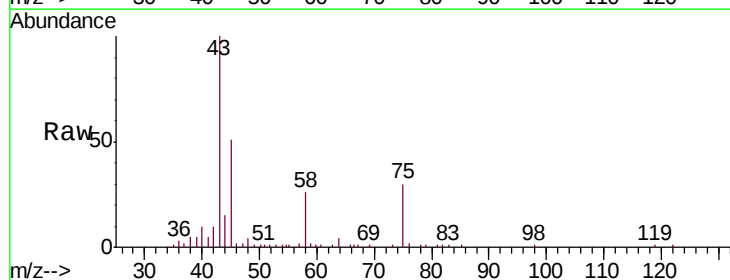
Acq: 10 Jun 2019 13:43

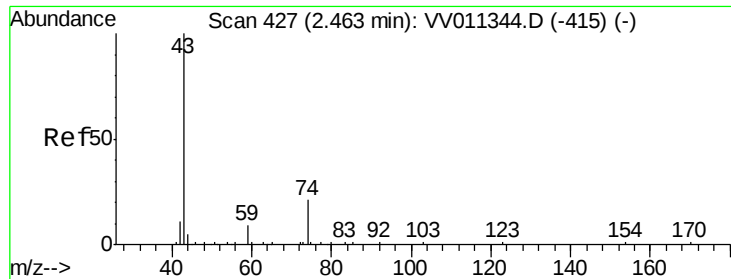
Tgt Ion: 43 Resp: 24702

Ion Ratio Lower Upper

43 100

58 26.6 0.0 55.2

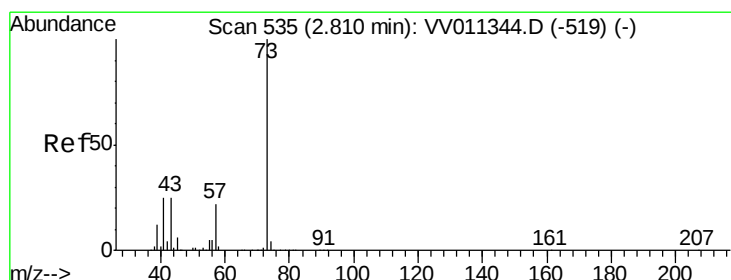
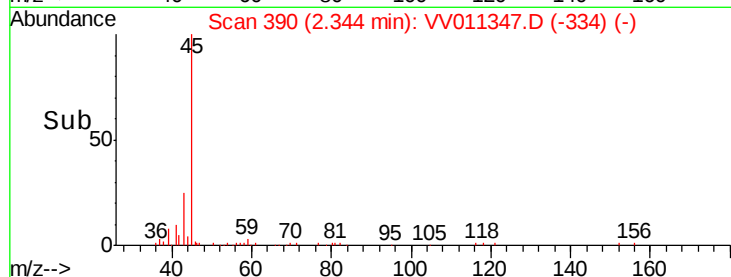
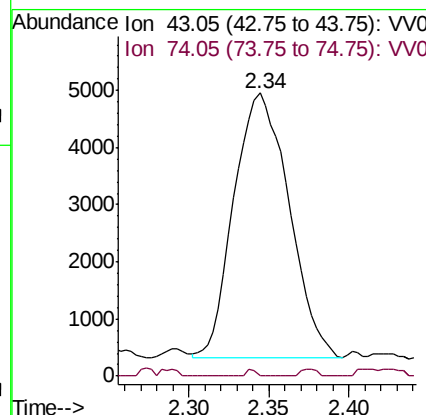
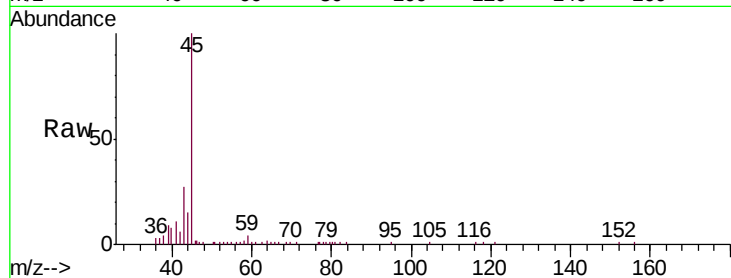




#15
Methyl Acetate
Concen: 2.514 ug/L
RT: 2.34 min Scan# 390
Delta R.T. -0.12 min
Lab File: VV011347.D
Acq: 10 Jun 2019 13:43

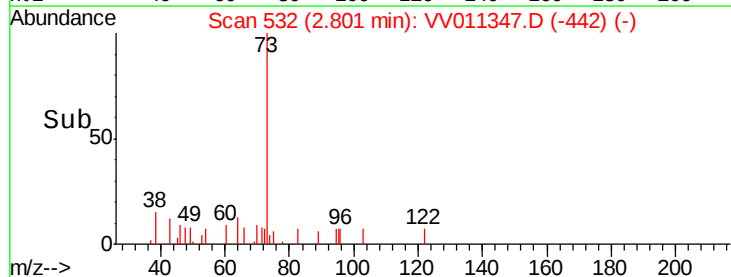
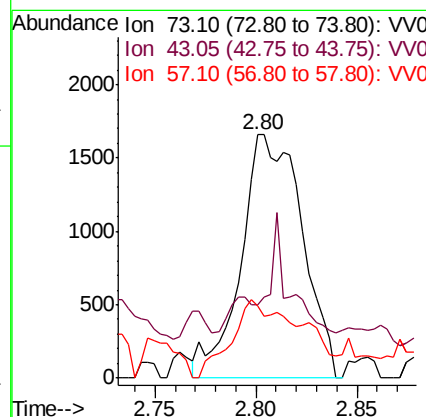
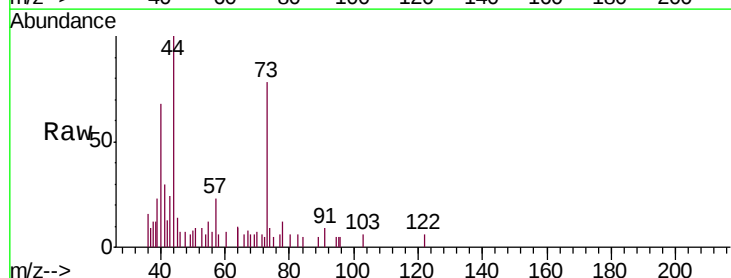
Instrument :
MSVOA_V
ClientSampled :
DB8F7RE

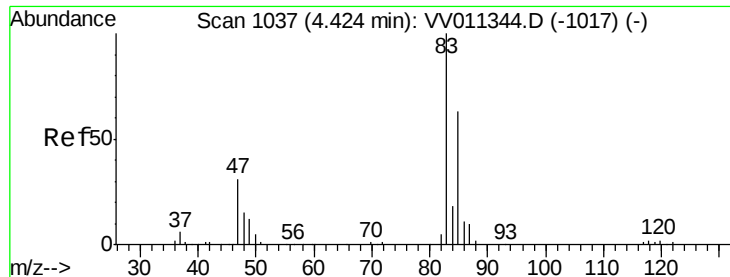
Tgt Ion: 43 Resp: 10992
Ion Ratio Lower Upper
43 100
74 0.4 18.5 27.7#



#17
Methyl tert-butyl Ether
Concen: 0.145 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.01 min
Lab File: VV011347.D
Acq: 10 Jun 2019 13:43

Tgt Ion: 73 Resp: 3512
Ion Ratio Lower Upper
73 100
43 5.7 18.7 28.1#
57 28.4 18.1 27.1#





#25

Chloroform

Concen: 0.196 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV011347.D

Acq: 10 Jun 2019 13:43

Instrument :

MSVOA_V

ClientSampleId :

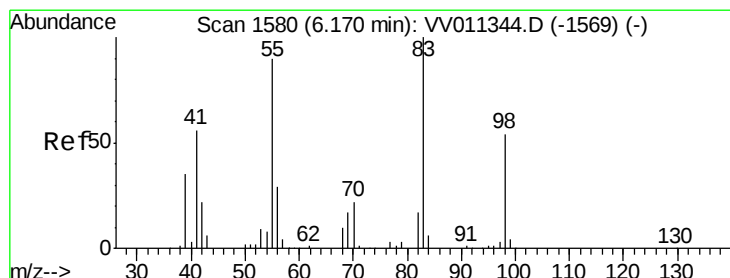
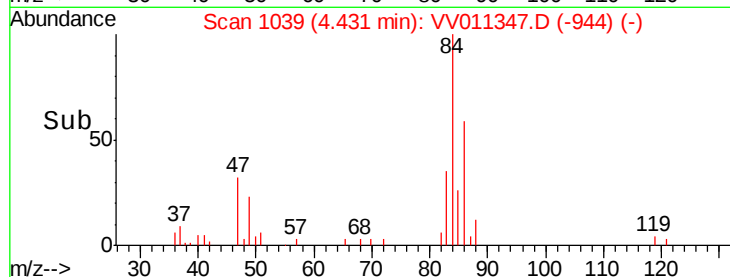
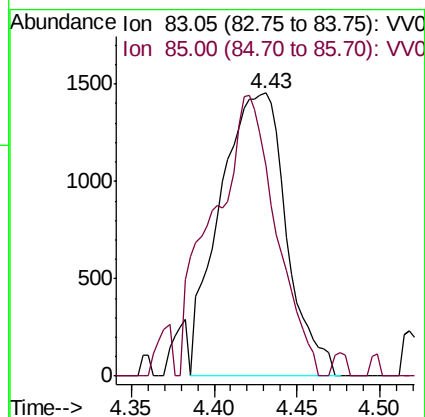
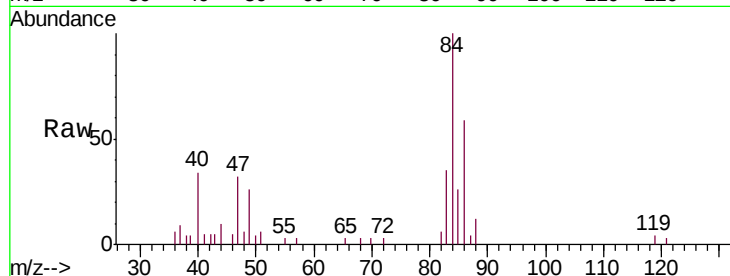
DB8F7RE

Tgt Ion: 83 Resp: 4060

Ion Ratio Lower Upper

83 100

85 74.3 44.1 81.9



#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011347.D

Acq: 10 Jun 2019 13:43

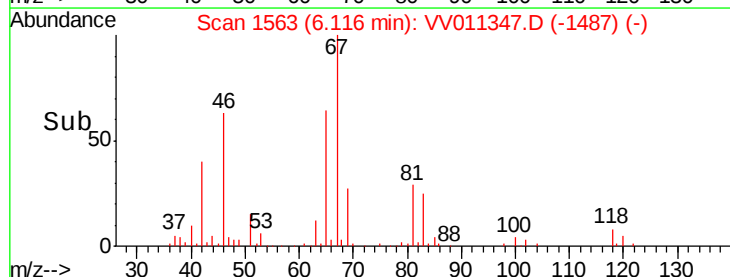
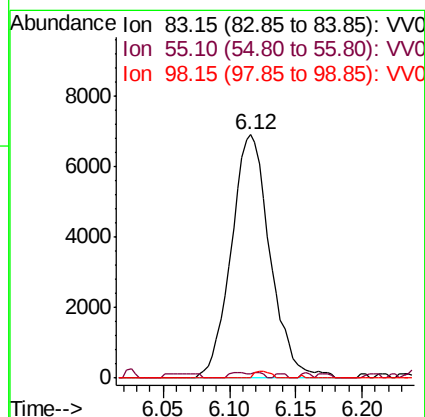
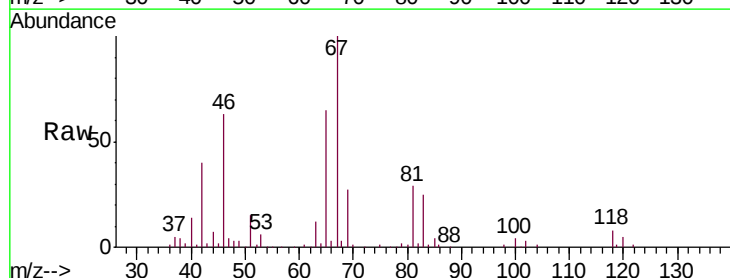
Tgt Ion: 83 Resp: 14098

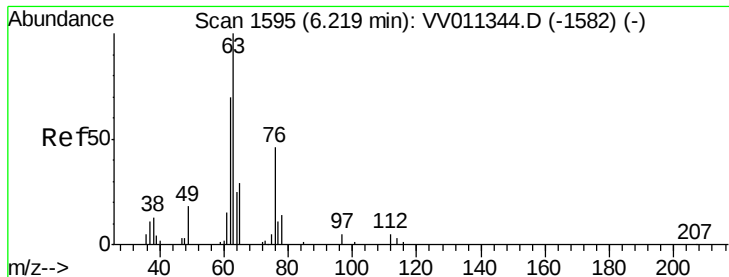
Ion Ratio Lower Upper

83 100

55 1.2 67.0 100.6#

98 1.1 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.689 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011347.D

Acq: 10 Jun 2019 13:43

Instrument :

MSVOA_V

ClientSampleId :

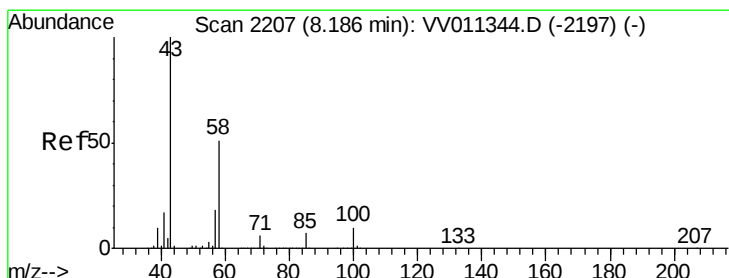
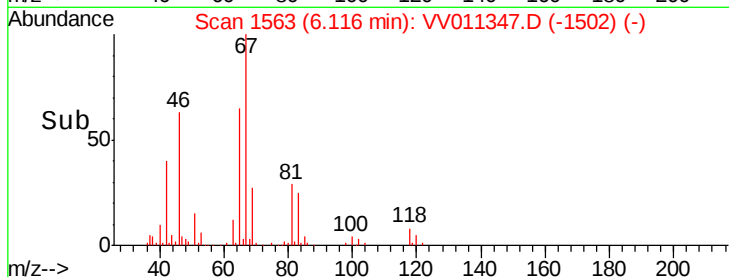
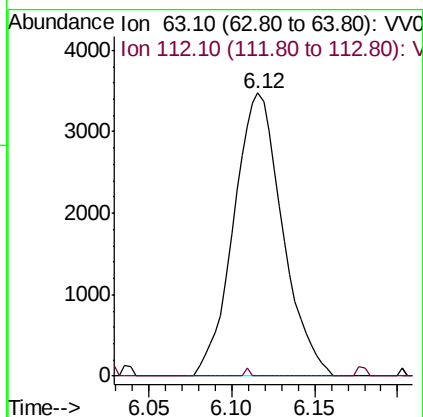
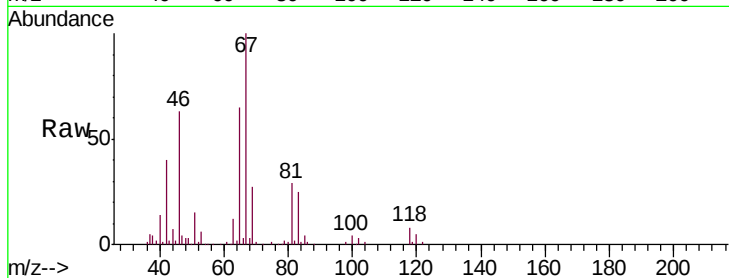
DB8F7RE

Tgt Ion: 63 Resp: 7108

Ion Ratio Lower Upper

63 100

112 0.3 3.6 5.4#



#48

2-Hexanone

Concen: 2.865 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011347.D

Acq: 10 Jun 2019 13:43

Tgt Ion: 43 Resp: 13136

Ion Ratio Lower Upper

43 100

58 25.3 41.4 62.0#

57 24.5 15.0 22.4#

100 0.0 9.0 13.4#

