

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062619\
 Data File : VV011755.D
 Acq On : 26 Jun 2019 11:46
 Operator : SY/MD
 Sample : K3462-11DL 4X
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP7DL

Quant Time: Jun 26 12:14:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 26 12:11:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	182076	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168451	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70525	5.00	ug/L	0.00

System Monitoring Compounds

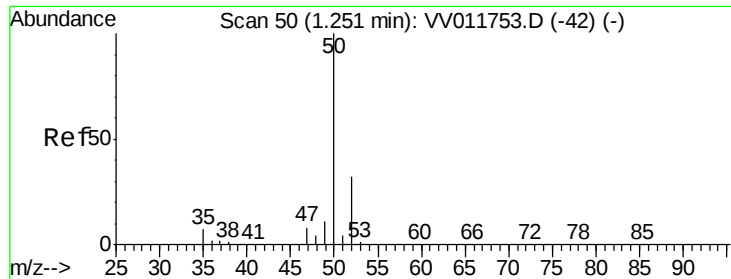
4) Vinyl Chloride-d3	1.32	65	60281	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.57	69	40844	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	91355	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.95	46	168541	52.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	4.40	84	117775	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.08	65	67081	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.09	84	242713	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	75232	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	209298	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.66	79	24124	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.13	63	128895	54.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50518	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	67890	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	8337	0.485 ug/L	97
5) Vinyl chloride	1.32	62	92035	5.466 ug/L	96
6) Bromomethane	1.53	94	1732	0.236 ug/L	99
8) Chloroethane	1.32	64	29073	3.304 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1047	0.085 ug/L #	23
16) Methylene chloride	2.53	84	4365	0.348 ug/L	98
25) Chloroform	4.42	83	3097	0.107 ug/L	97
35) Methylcyclohexane	6.11	83	18451	0.772 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8908	0.628 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2153	0.116 ug/L #	56
44) trans-1,3-Dichloropropene	7.66	75	1365	0.099 ug/L	89
48) 2-Hexanone	8.13	43	16115	2.577 ug/L #	69

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

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV062619\
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Acq On    : 26 Jun 2019  11:46
Operator  : SY/MD
Sample    : K3462-11DL 4X
Misc      : 25ML/MSVOA_V/WATER
ALS Vial  : 4   Sample Multiplier: 1
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#3

Chloromethane

Concen: 0.485 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011755.D

Acq: 26 Jun 2019 11:46

Instrument :

MSVOA_V

ClientSampleId :

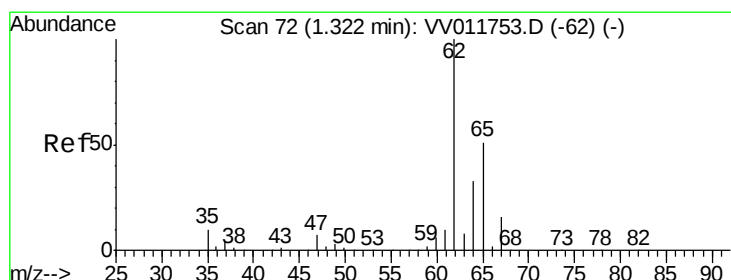
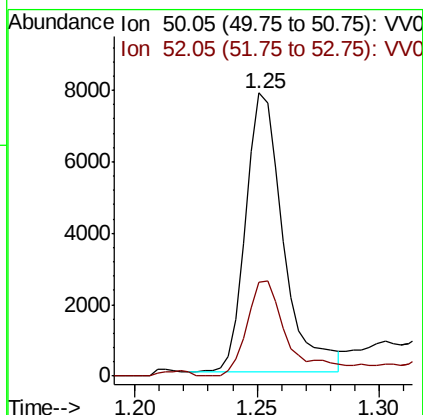
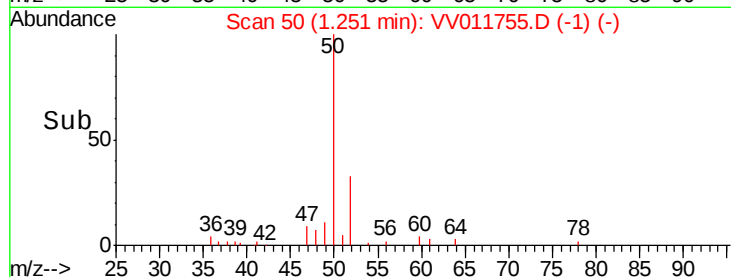
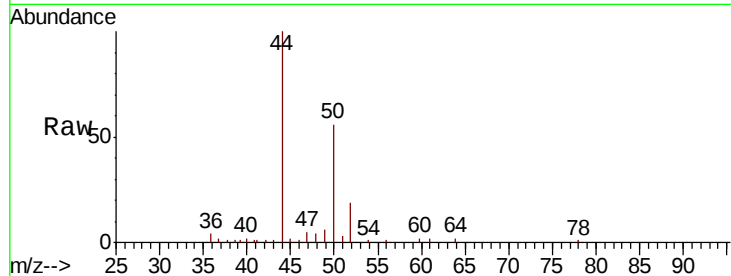
BFCP7DL

Tgt Ion: 50 Resp: 8337

Ion Ratio Lower Upper

50 100

52 33.1 22.0 40.8



#5

Vinyl chloride

Concen: 5.466 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV011755.D

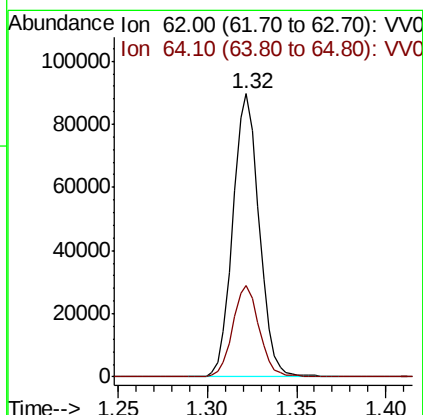
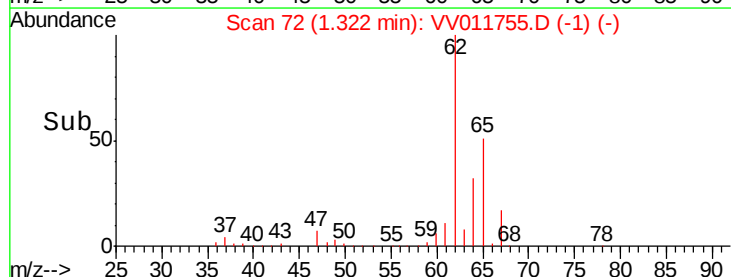
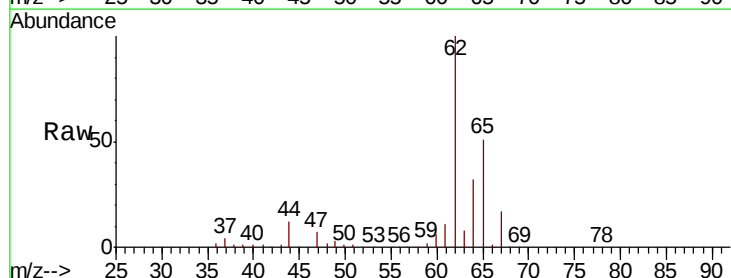
Acq: 26 Jun 2019 11:46

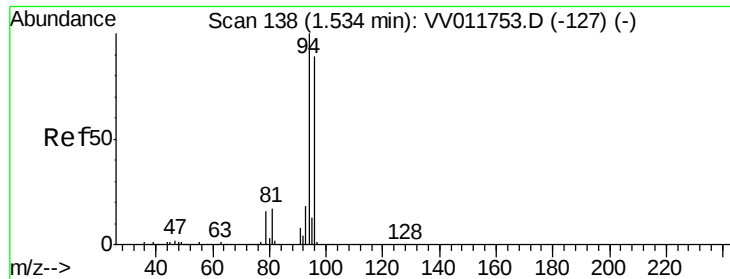
Tgt Ion: 62 Resp: 92035

Ion Ratio Lower Upper

62 100

64 32.2 24.1 44.7

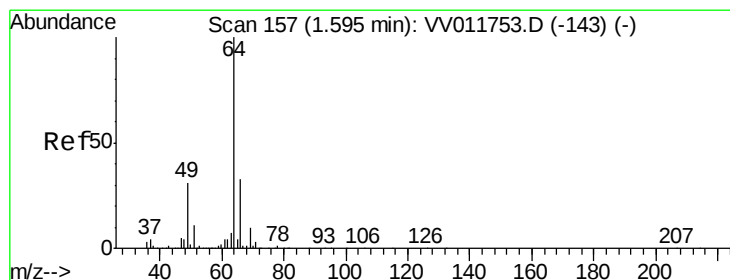
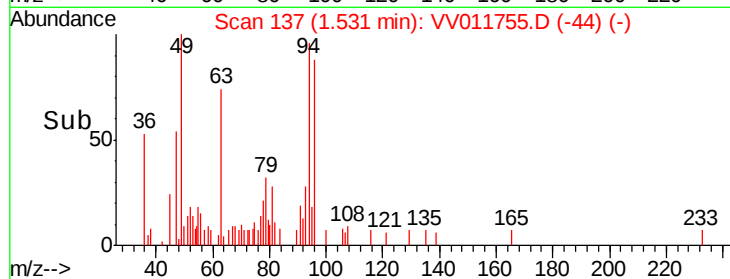
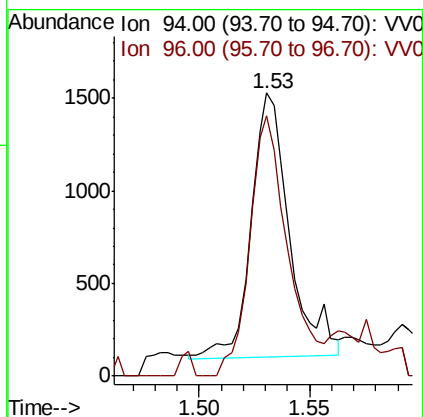
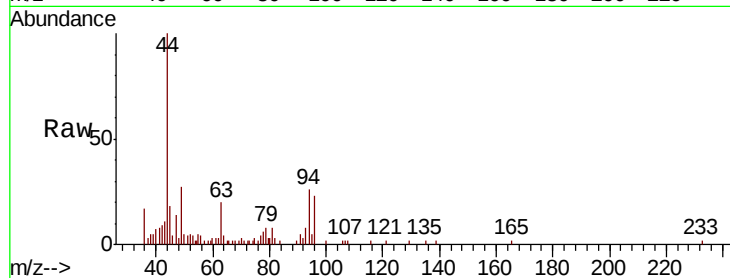




#6
Bromomethane
Concen: 0.236 ug/L
RT: 1.53 min Scan# 137
Delta R.T. -0.00 min
Lab File: VV011755.D
Acq: 26 Jun 2019 11:46

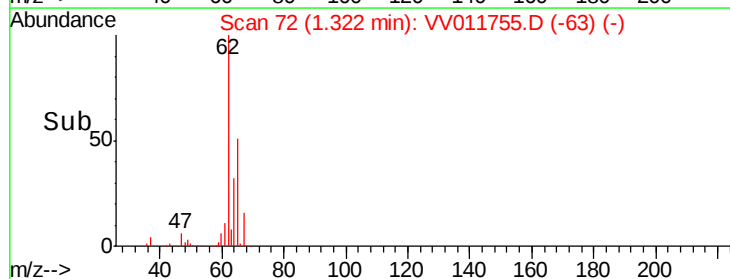
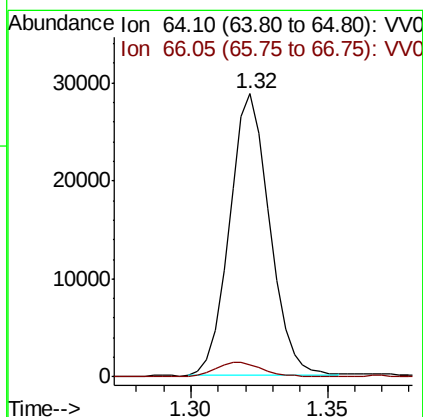
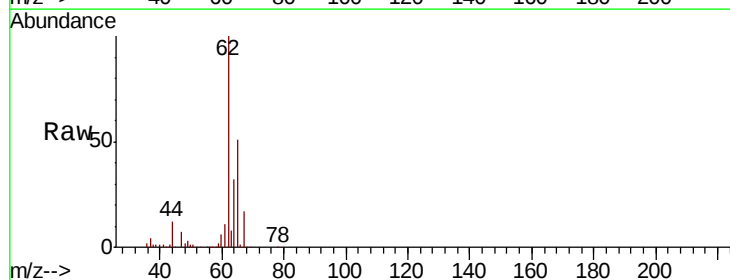
Instrument :
MSVOA_V
ClientSampleId :
BFCP7DL

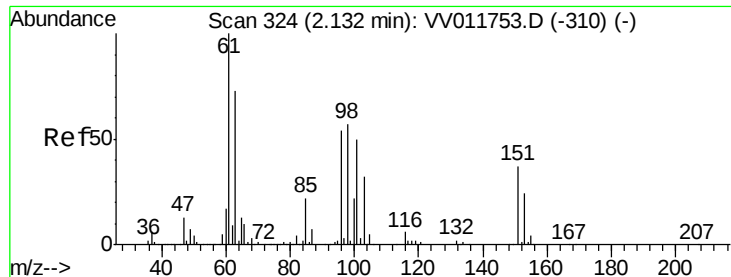
Tgt Ion: 94 Resp: 1732
Ion Ratio Lower Upper
94 100
96 91.8 65.2 121.2



#8
Chloroethane
Concen: 3.304 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.27 min
Lab File: VV011755.D
Acq: 26 Jun 2019 11:46

Tgt Ion: 64 Resp: 29073
Ion Ratio Lower Upper
64 100
66 4.4 20.6 38.4#





#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011755.D

Acq: 26 Jun 2019 11:46

Instrument :

MSVOA_V

ClientSampleId :

BFCP7DL

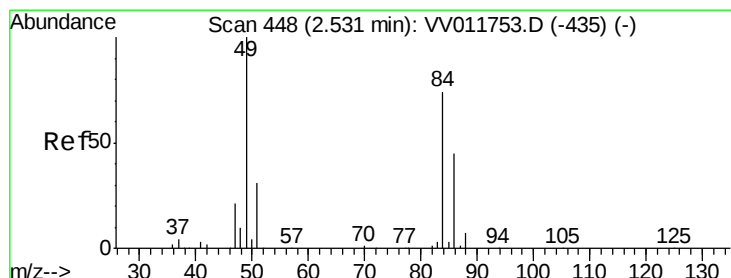
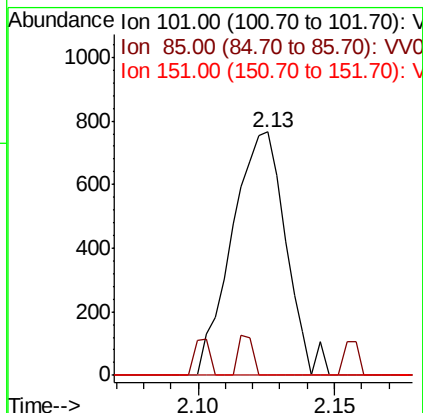
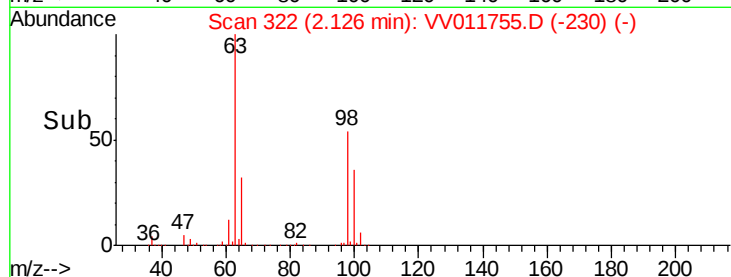
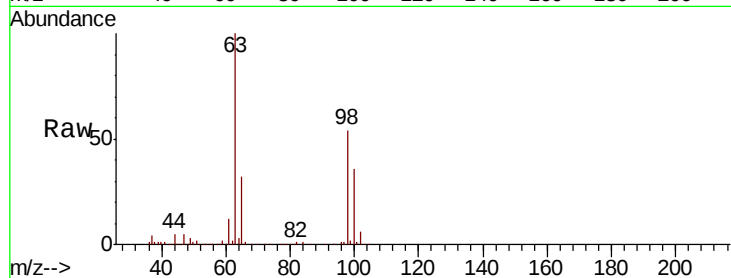
Tgt Ion: 101 Resp: 1047

Ion Ratio Lower Upper

101 100

85 4.6 35.9 53.9#

151 0.0 57.4 86.2#



#16

Methylene chloride

Concen: 0.348 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV011755.D

Acq: 26 Jun 2019 11:46

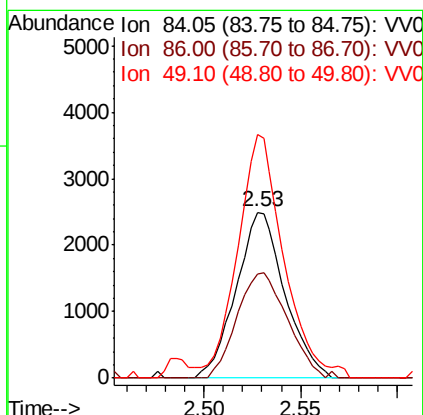
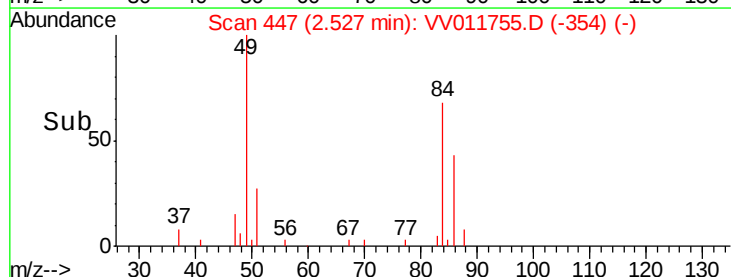
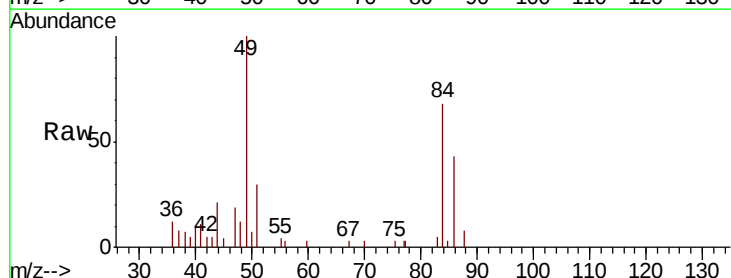
Tgt Ion: 84 Resp: 4365

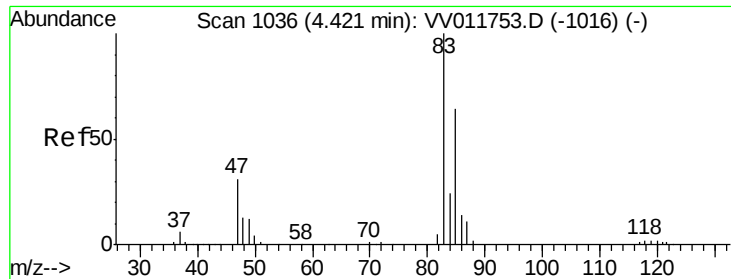
Ion Ratio Lower Upper

84 100

86 62.6 44.9 83.5

49 146.8 101.4 188.2

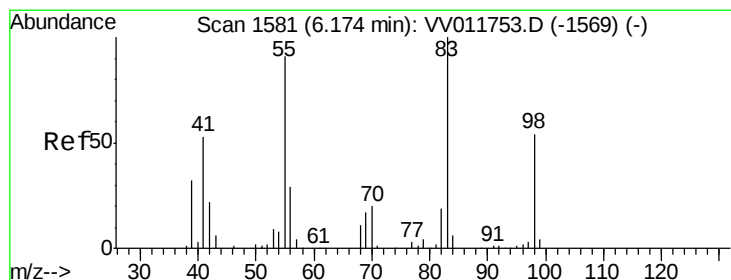
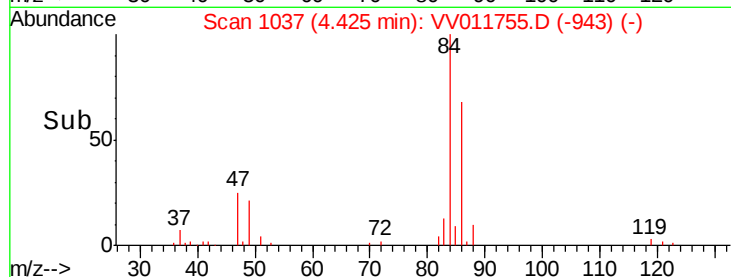
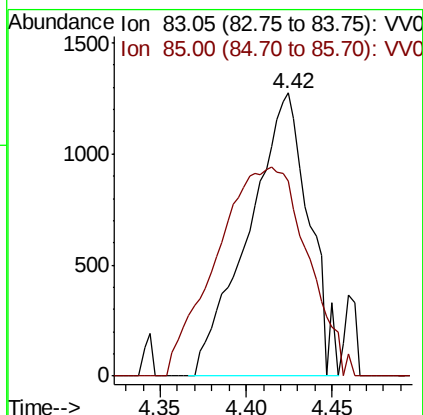
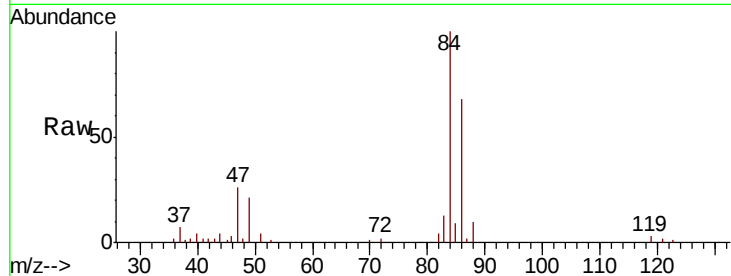




#25
Chloroform
Concen: 0.107 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011755.D
Acq: 26 Jun 2019 11:46

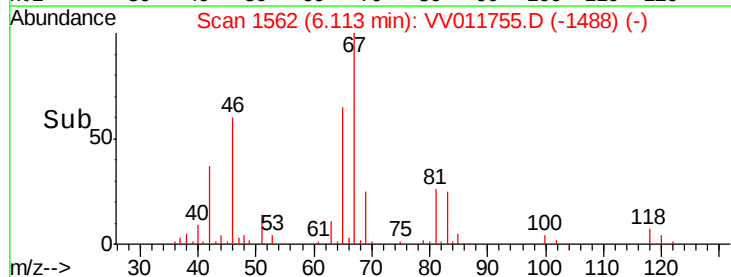
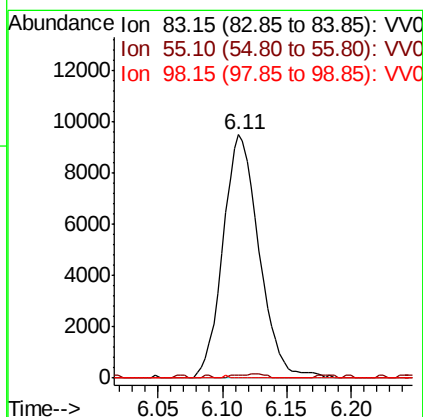
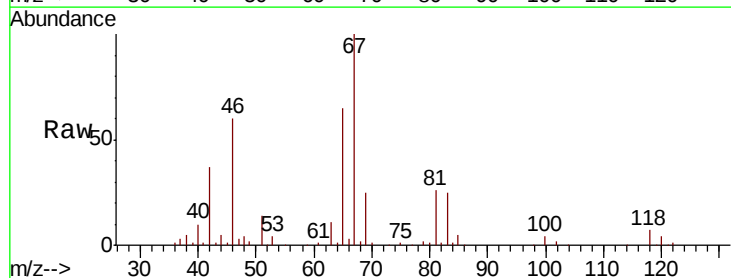
Instrument :
MSVOA_V
ClientSampled :
BFCP7DL

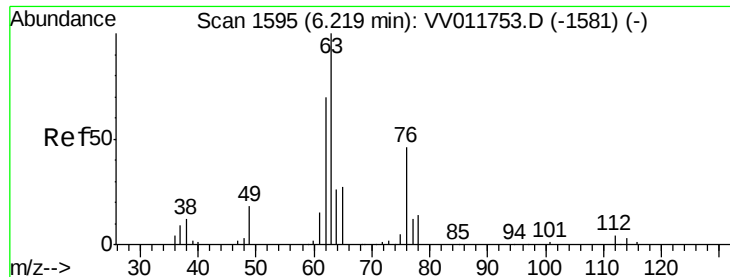
Tgt Ion: 83 Resp: 3097
Ion Ratio Lower Upper
83 100
85 69.2 47.0 87.2



#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011755.D
Acq: 26 Jun 2019 11:46

Tgt Ion: 83 Resp: 18451
Ion Ratio Lower Upper
83 100
55 1.3 69.4 104.2#
98 0.1 40.2 60.4#

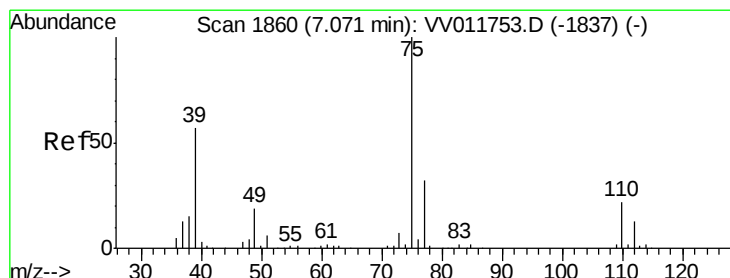
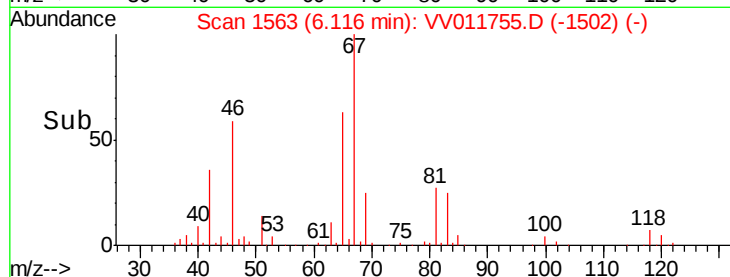
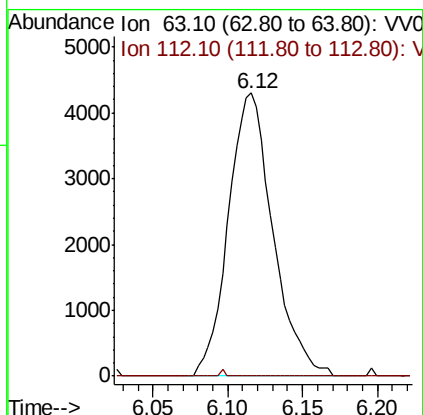
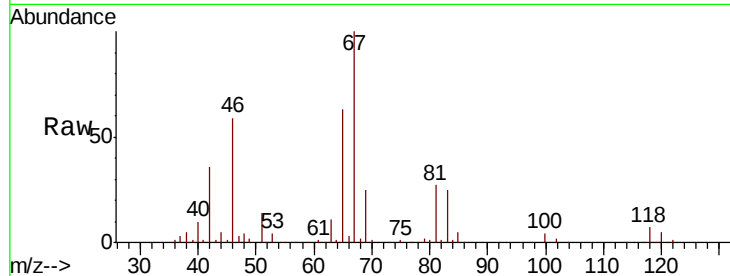




#37
 1,2-Dichloropropane
 Concen: 0.628 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011755.D
 Acq: 26 Jun 2019 11:46

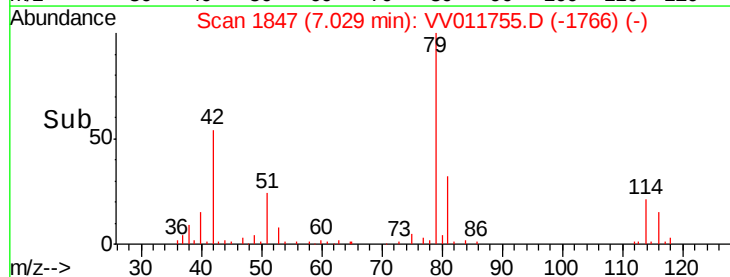
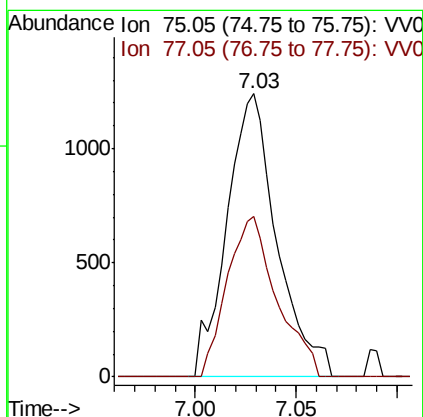
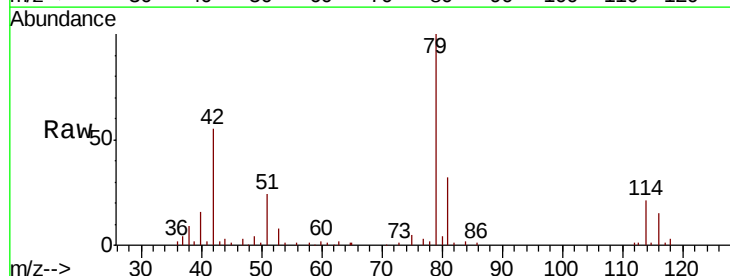
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP7DL

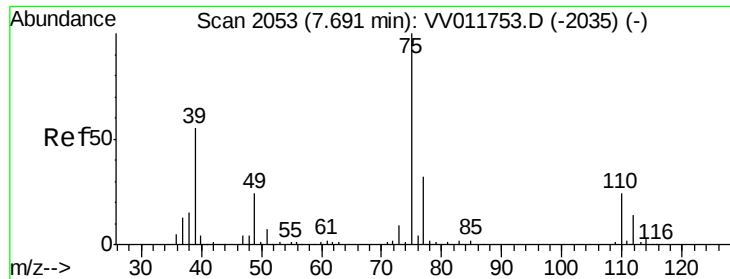
Tgt Ion: 63 Resp: 8908
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011755.D
 Acq: 26 Jun 2019 11:46

Tgt Ion: 75 Resp: 2153
 Ion Ratio Lower Upper
 75 100
 77 56.7 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011755.D

Acq: 26 Jun 2019 11:46

Instrument :

MSVOA_V

ClientSampleId :

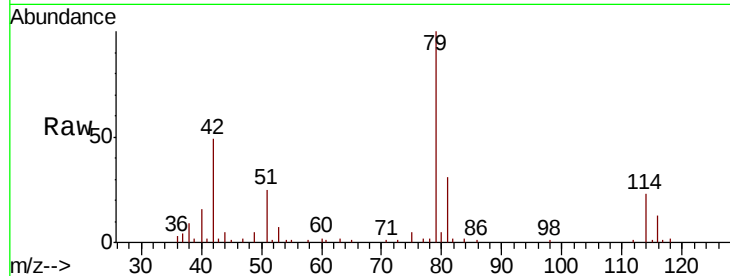
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Tgt Ion: 75 Resp: 1365

Ion Ratio Lower Upper

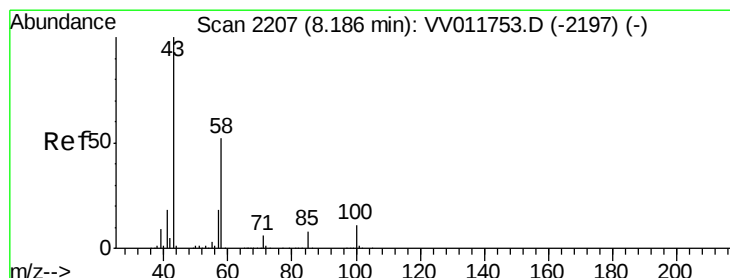
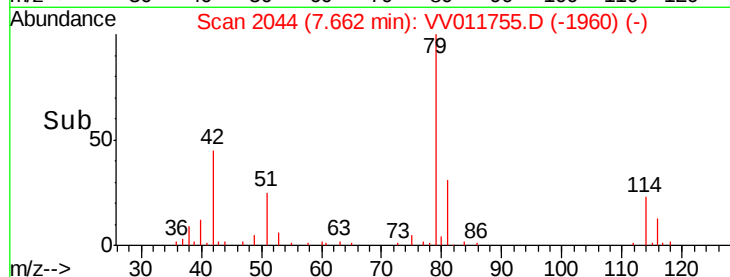
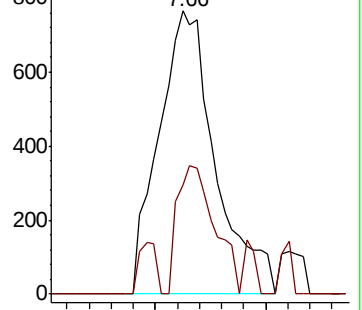
75 100

77 38.4 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.577 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011755.D

Acq: 26 Jun 2019 11:46

Tgt Ion: 43 Resp: 16115

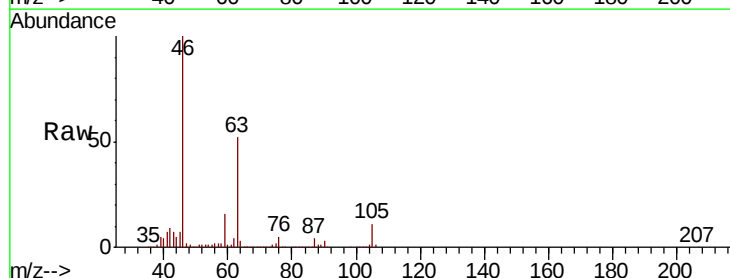
Ion Ratio Lower Upper

43 100

58 26.0 40.1 60.1#

57 29.0 14.4 21.6#

100 1.7 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

