

Data File : VV011356.D
Acq On : 10 Jun 2019 18:00
Operator : SY/MD
Sample : K3226-04DL 50X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP3DL

Quant Time: Jun 11 01:37:01 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	152963	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41783	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.55	69	39166	4.06	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.12	63	70185	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.94	46	135742	52.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.04%
24) Chloroform-d	4.40	84	91495	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	51043	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.09	84	177427	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.12	67	56536	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.36	98	152731	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.66	79	16502	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	8.13	63	101856	47.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39628	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	51917	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

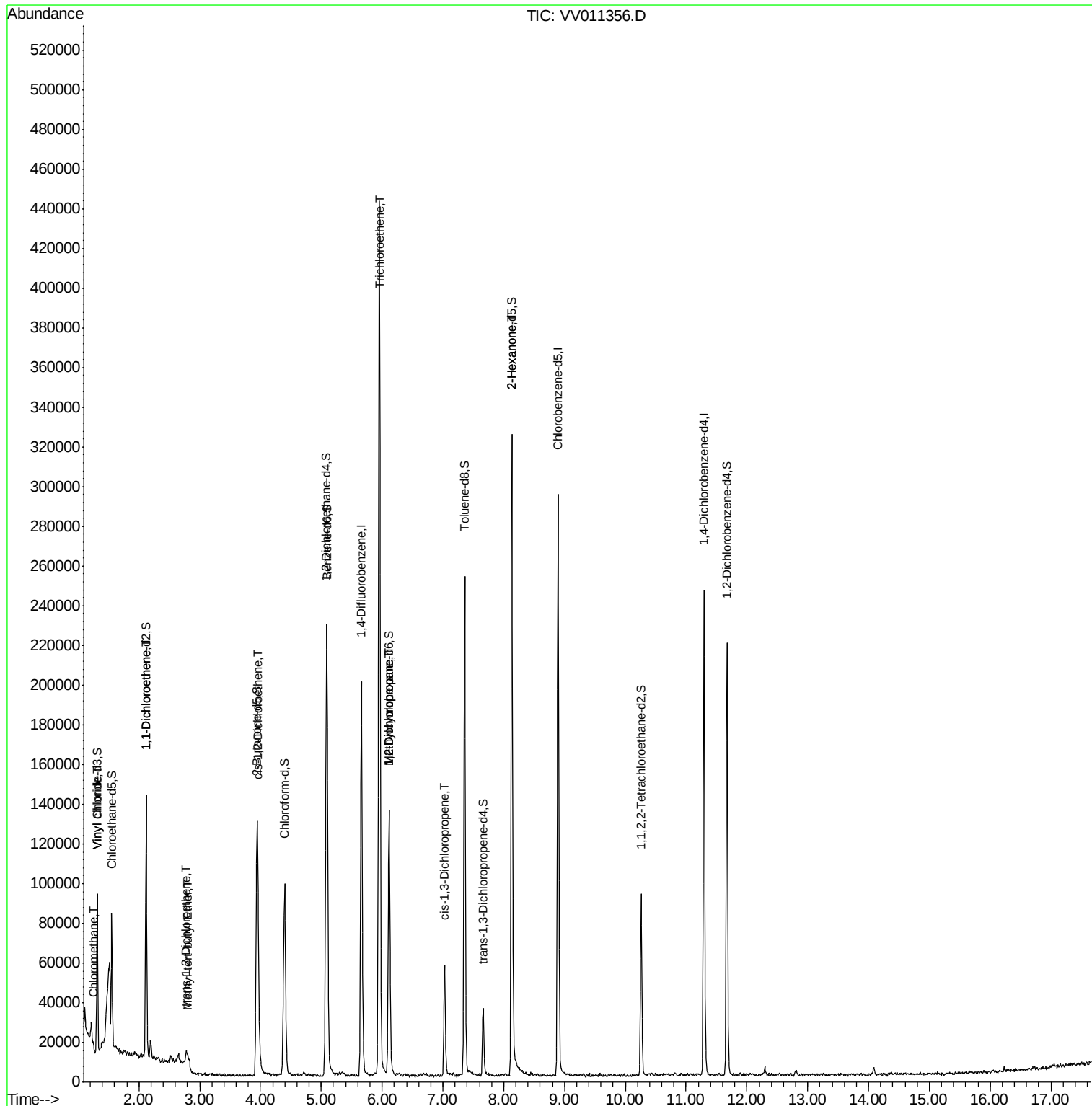
					Qvalue
3) Chloromethane	1.25	50	1931	0.132 ug/L #	80
5) Vinyl chloride	1.32	62	1823	0.130 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	1412	0.147 ug/L #	1
17) Methyl tert-butyl Ether	2.81	73	2709	0.105 ug/L #	79
18) trans-1,2-Dichloroethene	2.78	96	1590	0.147 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	27223	2.278 ug/L	93
34) Trichloroethene	5.96	95	147483	12.448 ug/L	98
35) Methylcyclohexane	6.12	83	14056	0.717 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7857	0.688 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1810	0.108 ug/L #	79
48) 2-Hexanone	8.13	43	14360	2.833 ug/L #	69

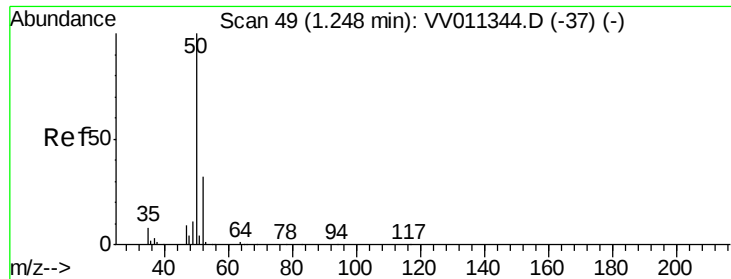
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.132 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

Instrument :

MSVOA_V

ClientSampleId :

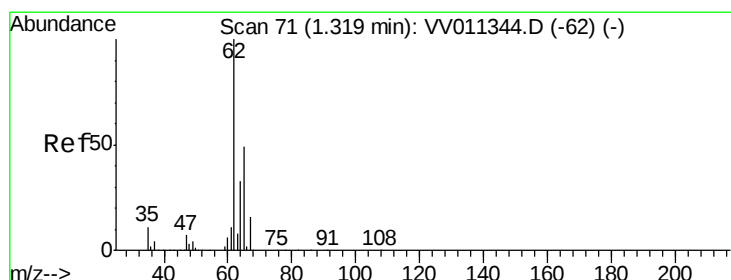
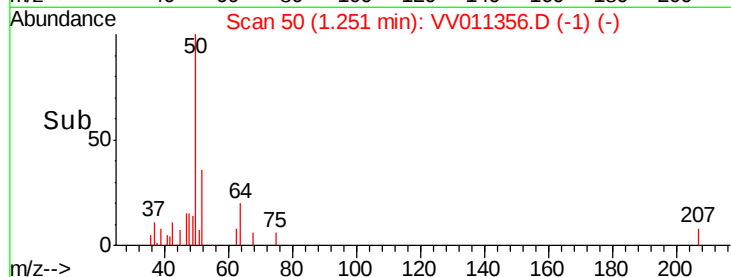
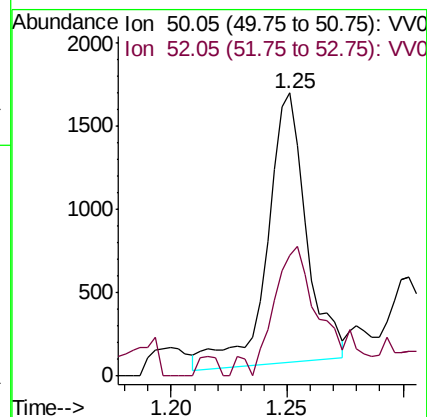
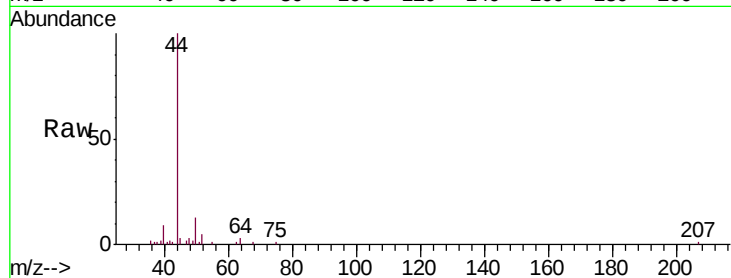
BFCP3DL

Tgt Ion: 50 Resp: 1931

Ion Ratio Lower Upper

50 100

52 42.9 22.3 41.5#



#5

Vinyl chloride

Concen: 0.130 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011356.D

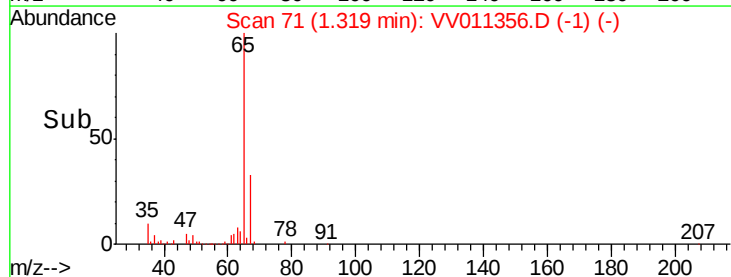
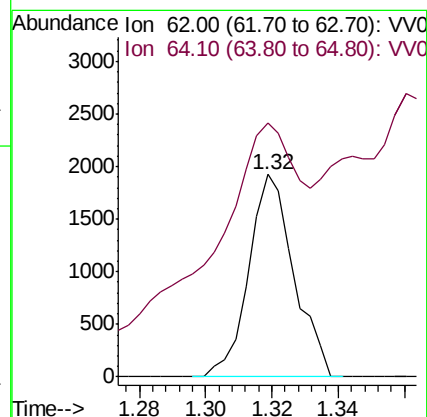
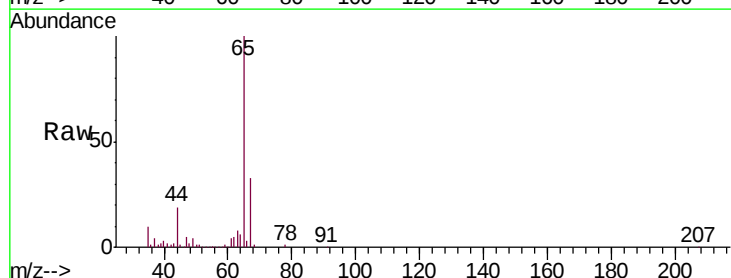
Acq: 10 Jun 2019 18:00

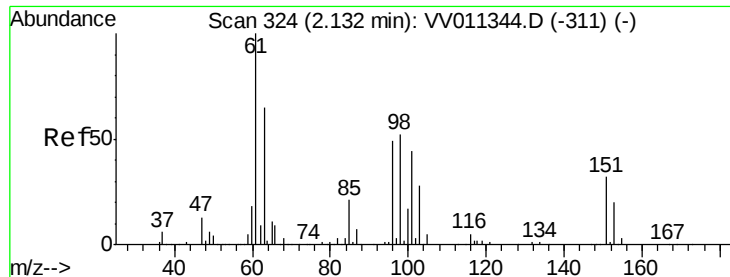
Tgt Ion: 62 Resp: 1823

Ion Ratio Lower Upper

62 100

64 125.4 25.9 48.1#





#12

1,1-Dichloroethene

Concen: 0.147 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

Instrument :

MSVOA_V

ClientSampleId :

BFCP3DL

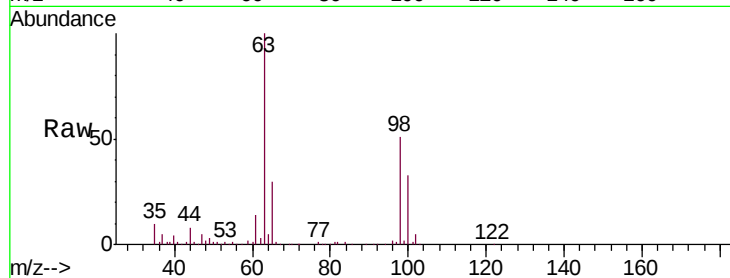
Tgt Ion: 96 Resp: 1412

Ion Ratio Lower Upper

96 100

61 648.8 139.8 259.6#

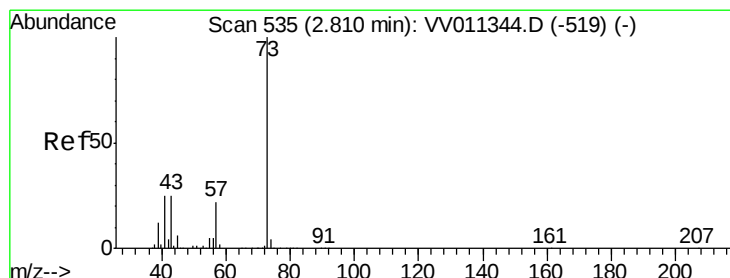
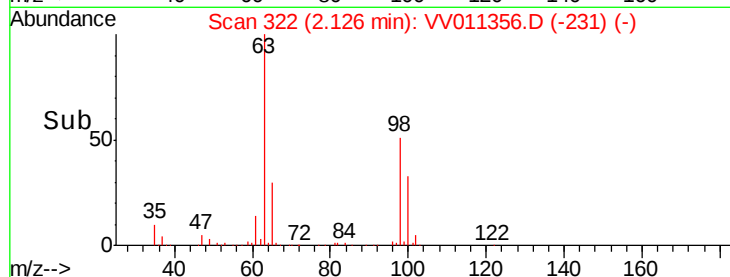
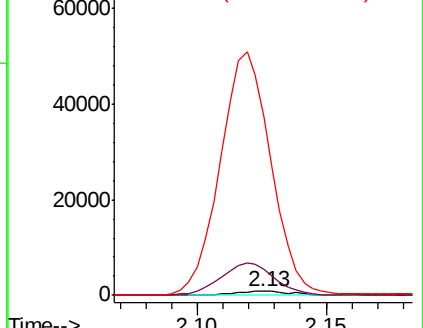
63 4518.2 94.3 175.1#



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



#17

Methyl tert-butyl Ether

Concen: 0.105 ug/L

RT: 2.81 min Scan# 534

Delta R.T. -0.00 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

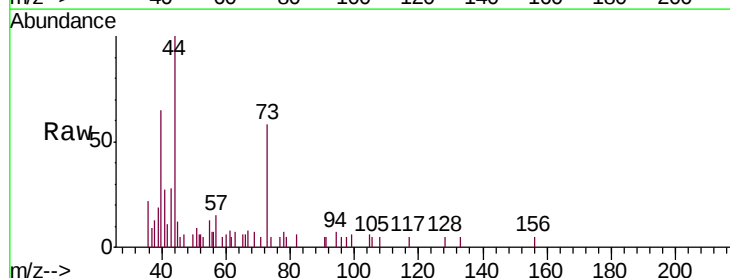
Tgt Ion: 73 Resp: 2709

Ion Ratio Lower Upper

73 100

43 43.2 18.7 28.1#

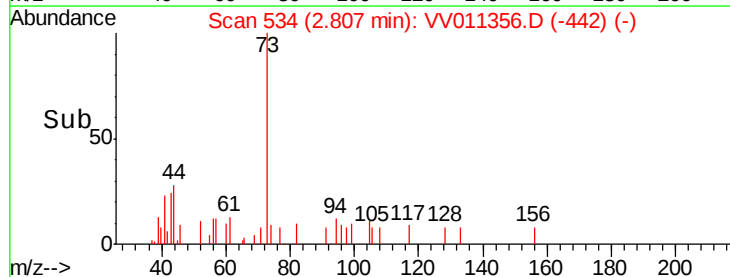
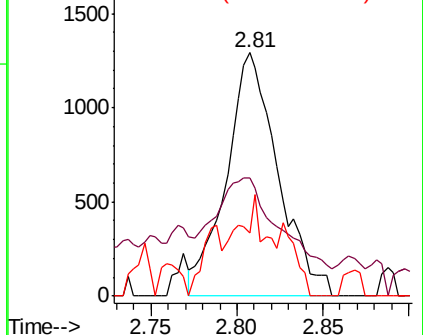
57 22.7 18.1 27.1

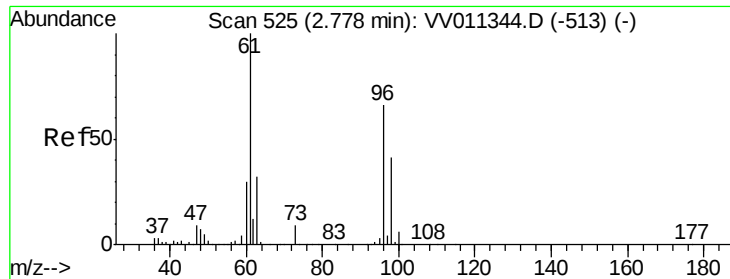


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.147 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

Instrument :

MSVOA_V

ClientSampleId :

BFCP3DL

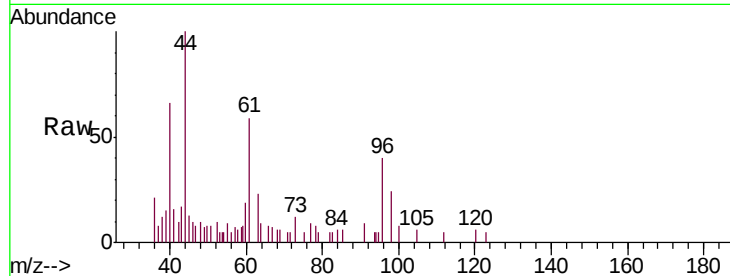
Tgt Ion: 96 Resp: 1590

Ion Ratio Lower Upper

96 100

61 147.4 104.0 193.2

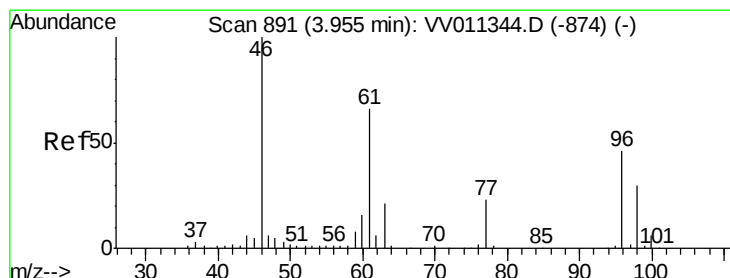
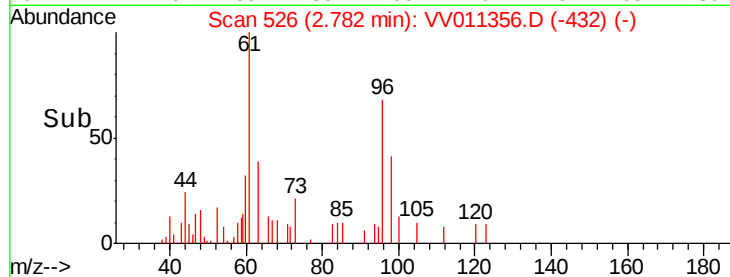
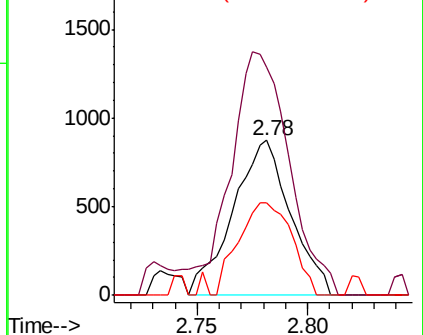
98 59.8 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.278 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

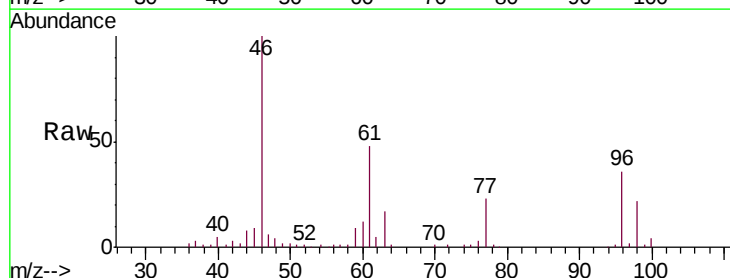
Tgt Ion: 96 Resp: 27223

Ion Ratio Lower Upper

96 100

61 135.5 100.8 187.2

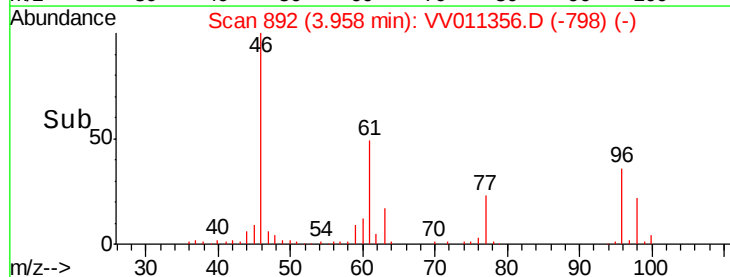
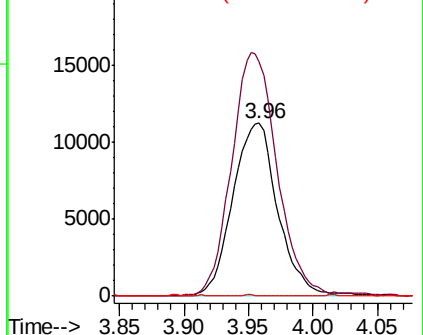
68 0.0 0.0 0.0

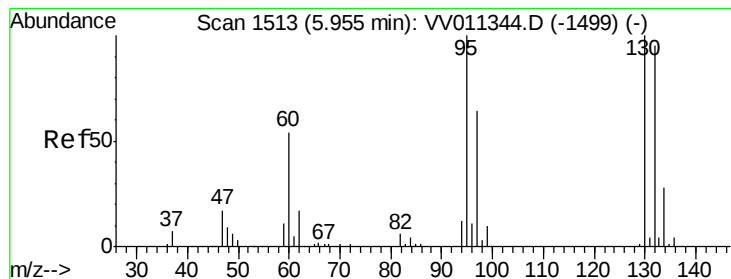


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 12.448 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

Instrument :

MSVOA_V

ClientSampleId :

BFCP3DL

Tgt Ion: 95 Resp: 147483

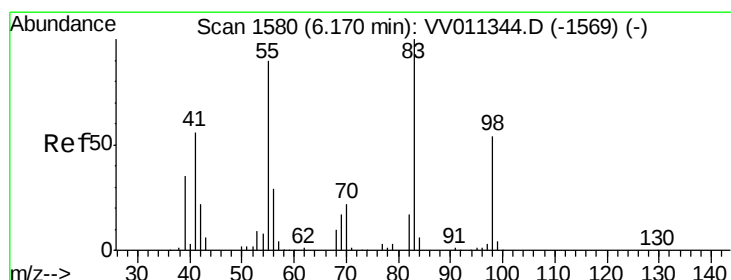
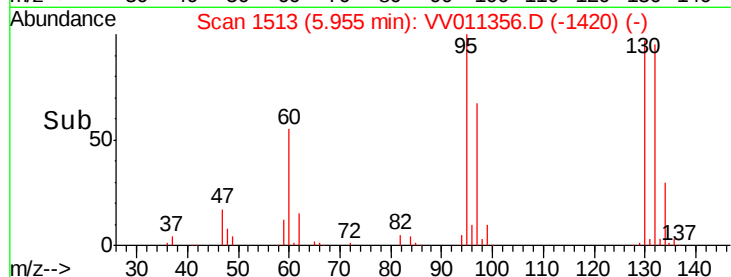
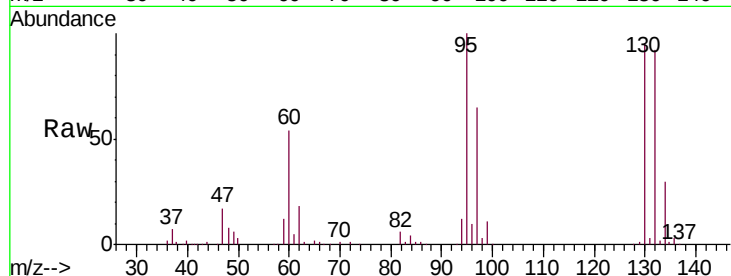
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.2

132 92.3 66.4 123.2

130 94.5 68.3 126.8



#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

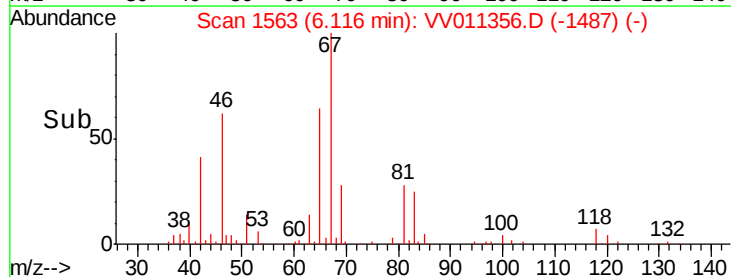
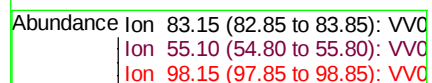
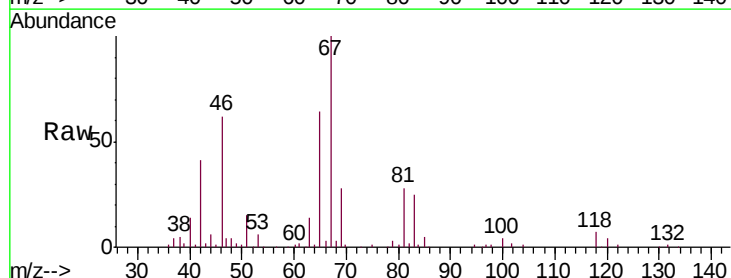
Tgt Ion: 83 Resp: 14056

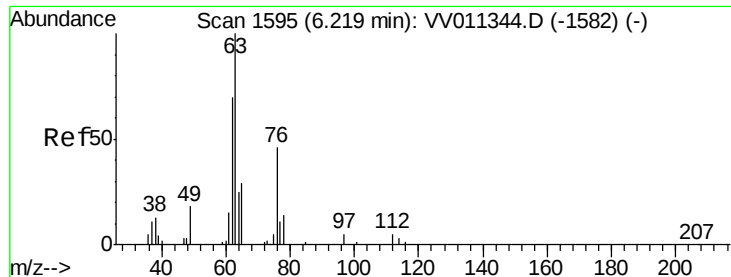
Ion Ratio Lower Upper

83 100

55 1.2 67.0 100.6#

98 1.5 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.688 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011356.D

Acq: 10 Jun 2019 18:00

Instrument :

MSVOA_V

ClientSampleId :

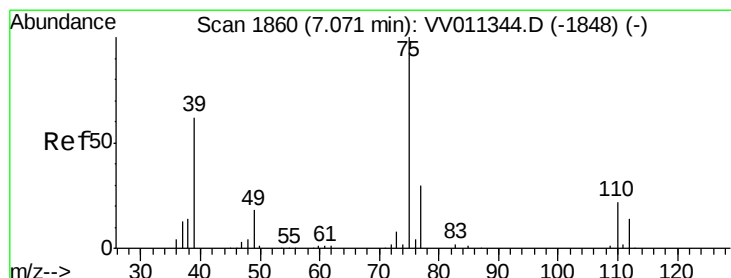
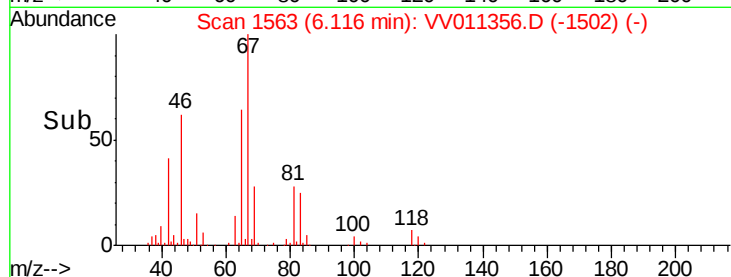
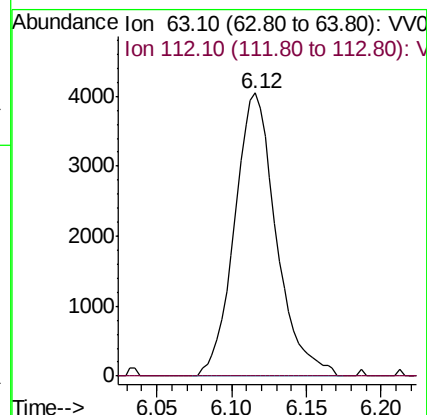
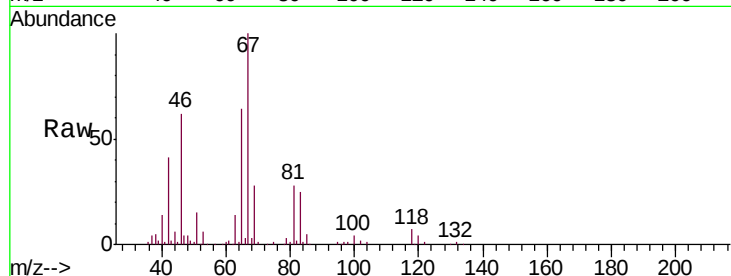
BFCP3DL

Tgt Ion: 63 Resp: 7857

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011356.D

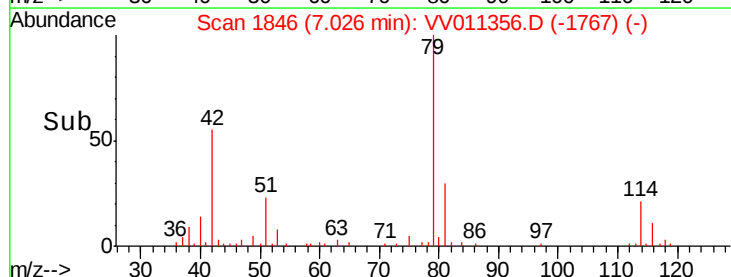
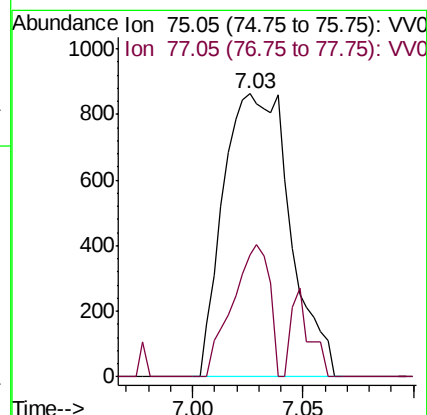
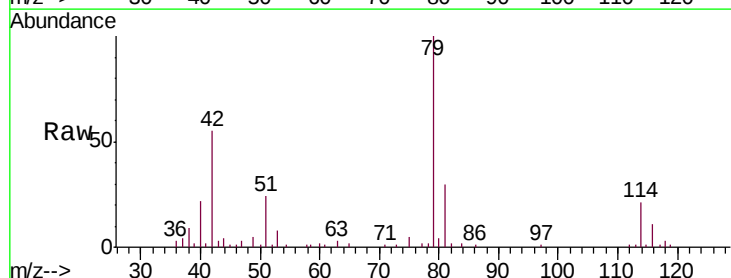
Acq: 10 Jun 2019 18:00

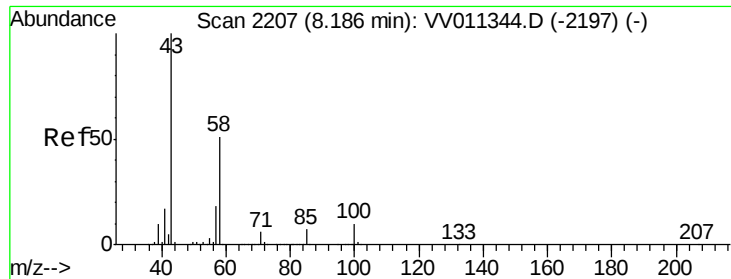
Tgt Ion: 75 Resp: 1810

Ion Ratio Lower Upper

75 100

77 43.1 22.2 41.2#





#48
 2-Hexanone
 Concen: 2.833 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011356.D
 Acq: 10 Jun 2019 18:00

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Tgt Ion: 43 Resp: 14360
 Ion Ratio Lower Upper
 43 100
 58 26.7 41.4 62.0#
 57 27.2 15.0 22.4#
 100 0.3 9.0 13.4#

