

Data File : VV011261.D
Acq On : 06 Jun 2019 22:26
Operator : SY/MD
Sample : K3226-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP8

Quant Time: Jun 07 01:34:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161515	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56137	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	48193	4.74	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	88891	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.96	46	153256	55.62	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.24%
24) Chloroform-d	4.40	84	102099	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	59186	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	209667	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	64976	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	188618	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	21377	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	121628	54.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46315	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	60577	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

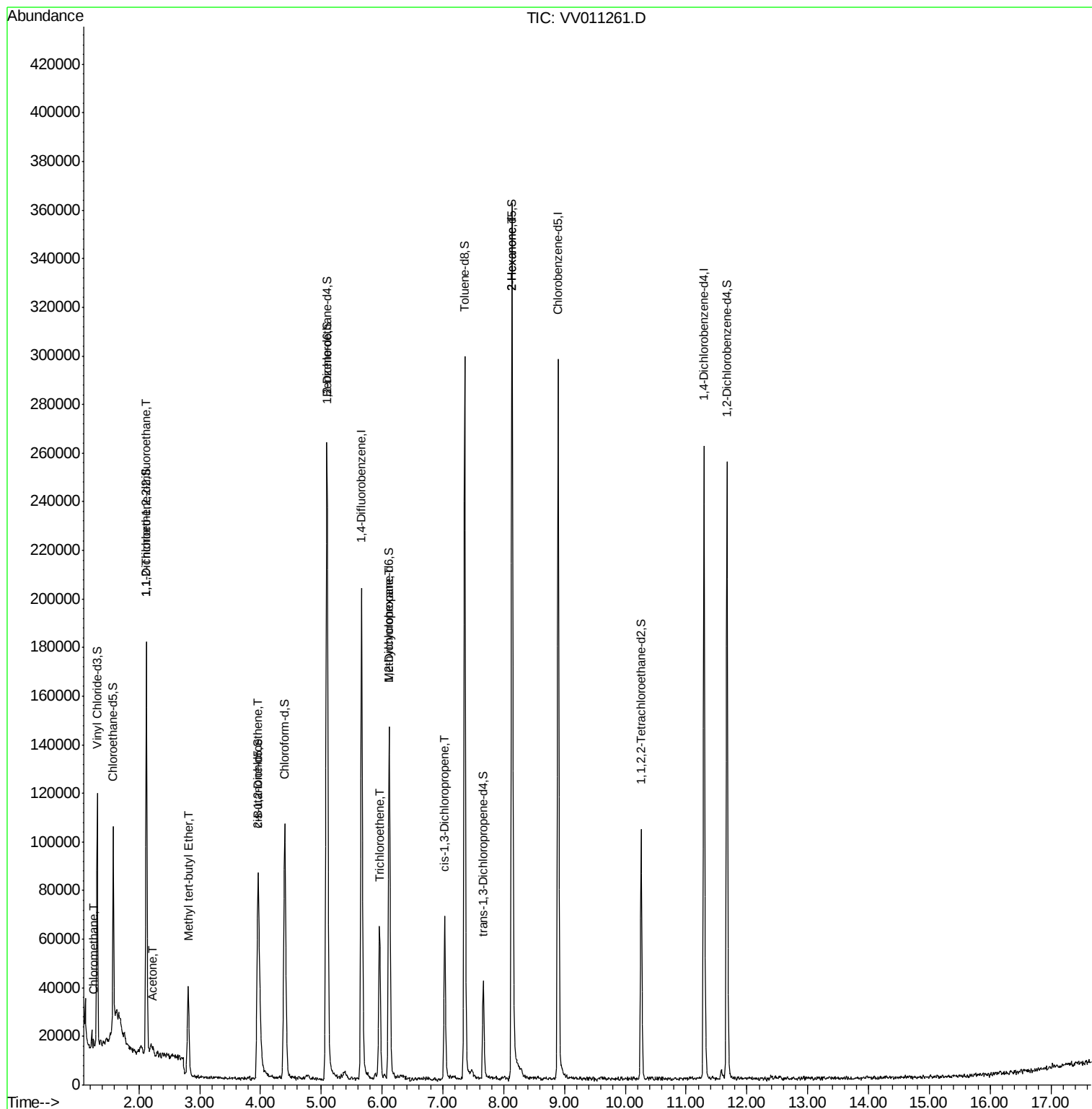
						Qvalue
3) Chloromethane	1.25	50	1865	0.121	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	996	0.095	ug/L #	25
13) Acetone	2.22	43	3498	1.893	ug/L	74
17) Methyl tert-butyl Ether	2.81	73	35512	1.307	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	2720	0.216	ug/L	93
34) Trichloroethene	5.96	95	20488	1.653	ug/L	99
35) Methylcyclohexane	6.12	83	15639	0.763	ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	2000	0.114	ug/L #	51
48) 2-Hexanone	8.14	43	16635	3.137	ug/L #	73

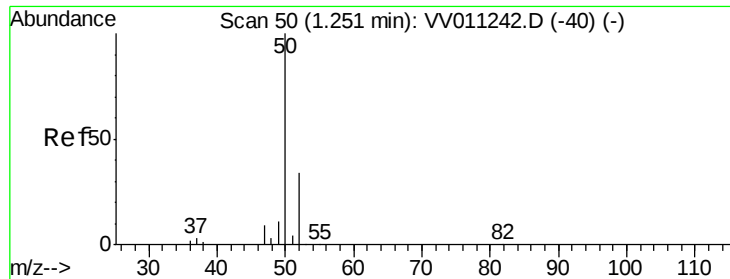
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.121 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

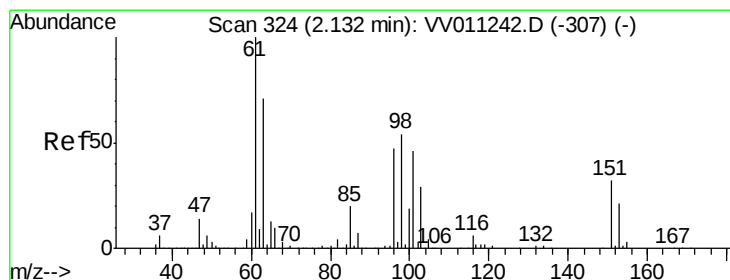
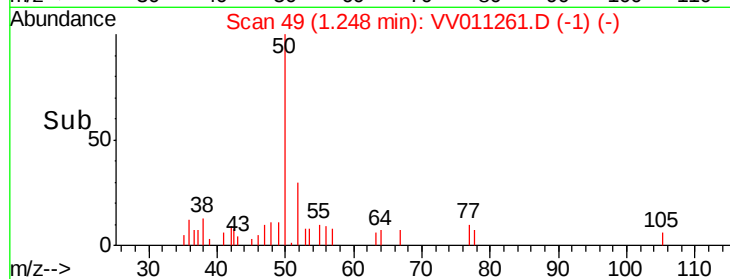
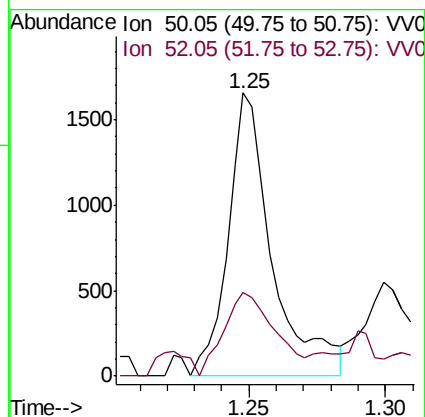
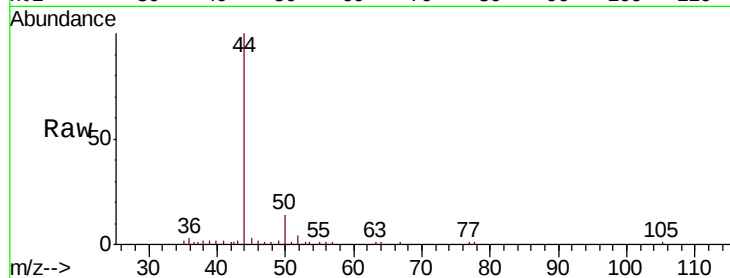
BFCP8

Tgt Ion: 50 Resp: 1865

Ion Ratio Lower Upper

50 100

52 29.6 22.3 41.5



#10

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

Concen: 0.095 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV011261.D

Acq: 06 Jun 2019 22:26

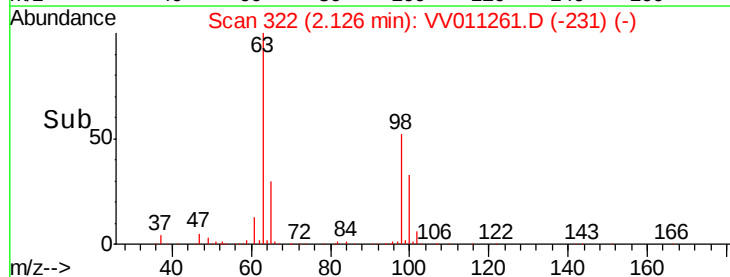
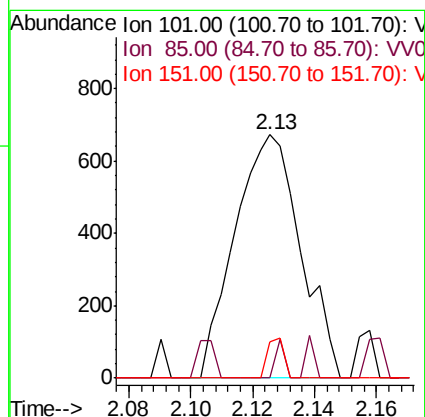
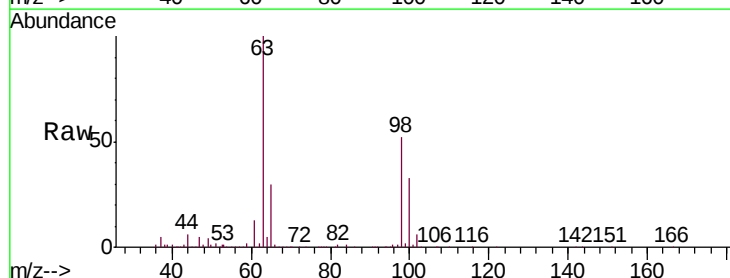
Tgt Ion: 101 Resp: 996

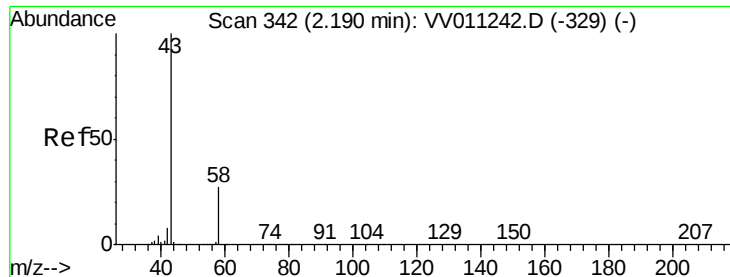
Ion Ratio Lower Upper

101 100

85 2.1 35.5 53.3#

151 4.1 56.9 85.3#





#13

Acetone

Concen: 1.893 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.03 min

Lab File: VV011261.D

Acq: 06 Jun 2019 22:26

Instrument :

MSVOA_V

ClientSampleId :

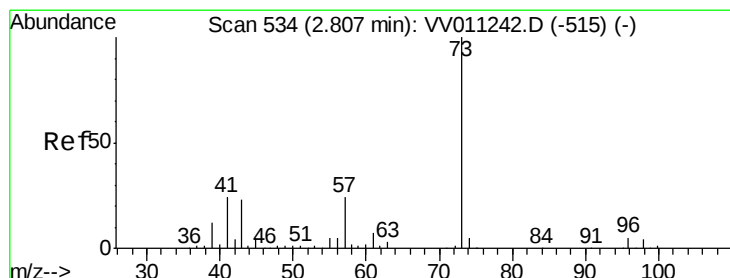
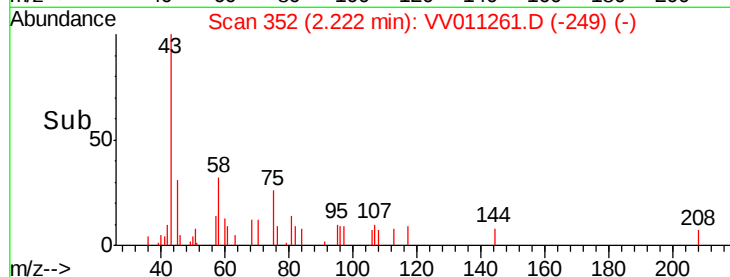
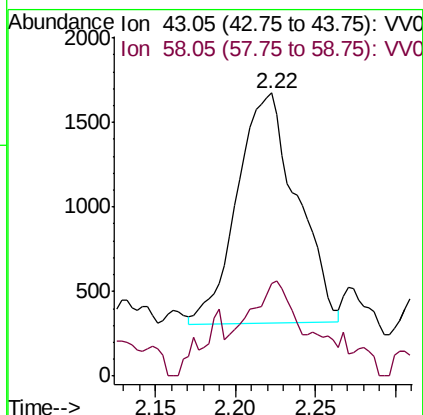
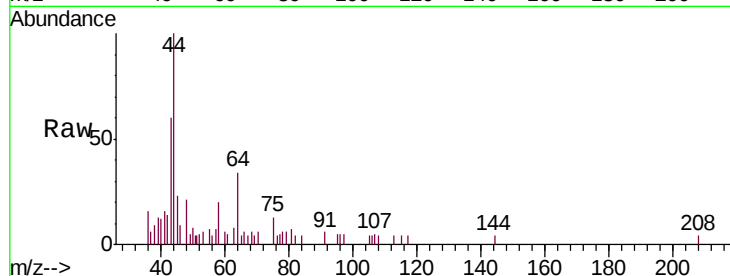
BFCP8

Tgt Ion: 43 Resp: 3498

Ion Ratio Lower Upper

43 100

58 13.8 0.0 55.2



#17

Methyl tert-butyl Ether

Concen: 1.307 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV011261.D

Acq: 06 Jun 2019 22:26

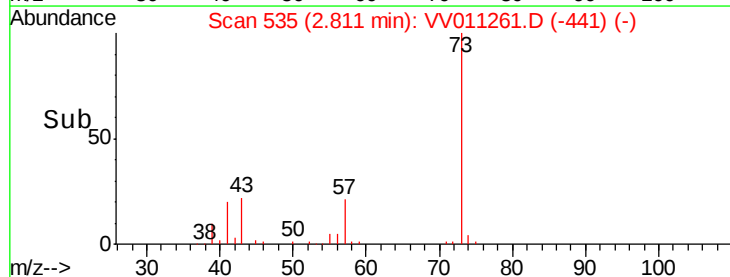
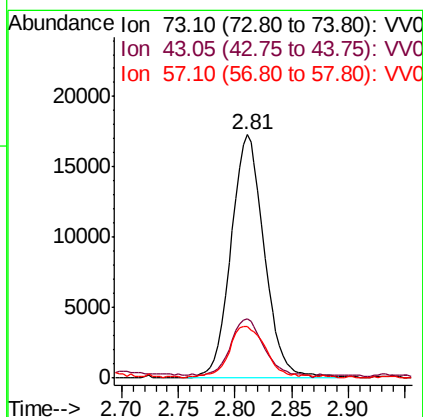
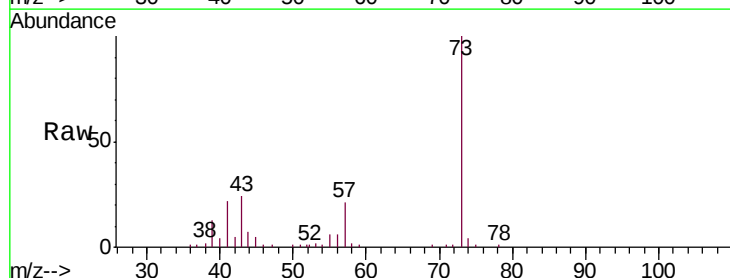
Tgt Ion: 73 Resp: 35512

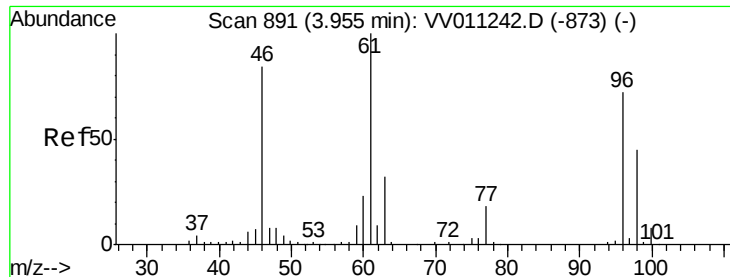
Ion Ratio Lower Upper

73 100

43 25.7 18.7 28.1

57 23.7 18.1 27.1



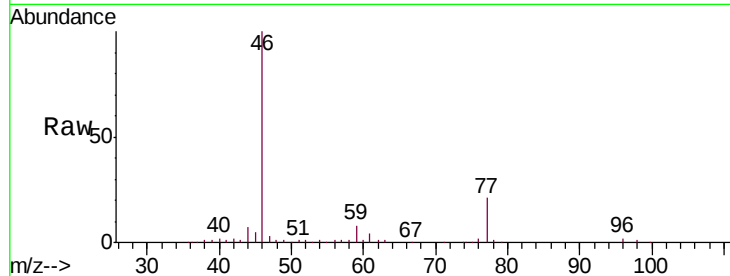


#22

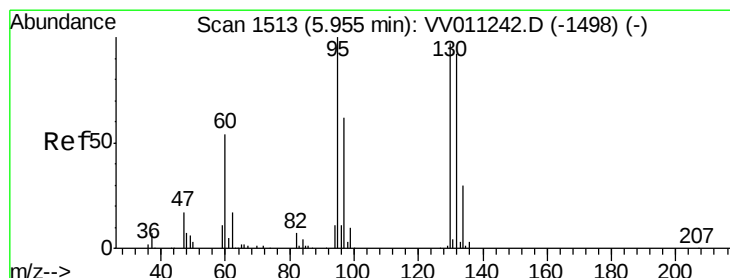
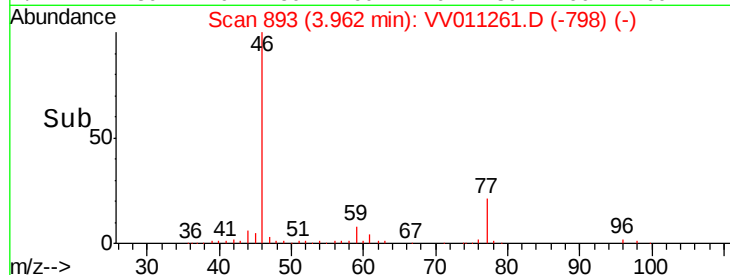
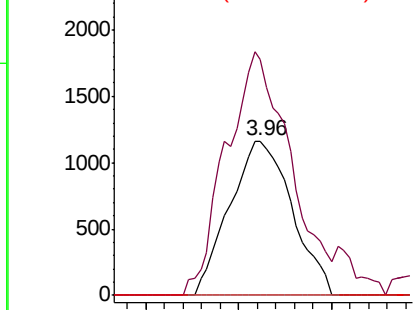
cis-1,2-Dichloroethene
 Concen: 0.216 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV011261.D
 Acq: 06 Jun 2019 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP8

Tgt Ion: 96 Resp: 2720
 Ion Ratio Lower Upper
 96 100
 61 153.0 100.8 187.2
 68 0.0 0.0 0.0



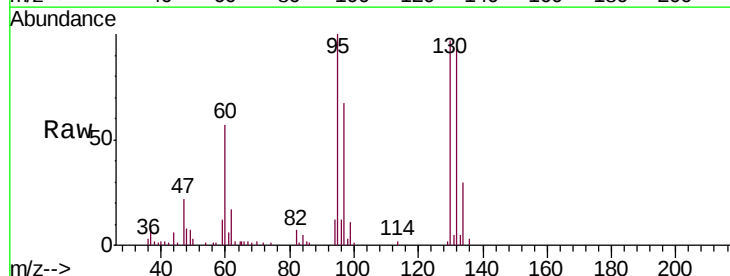
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



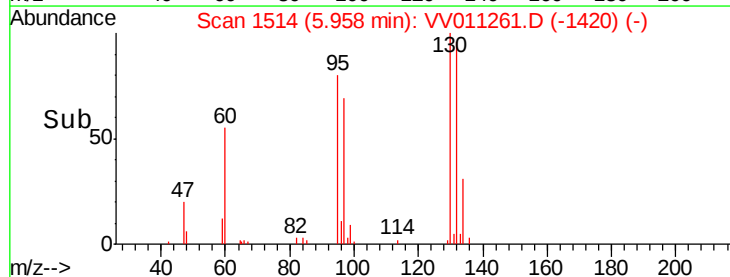
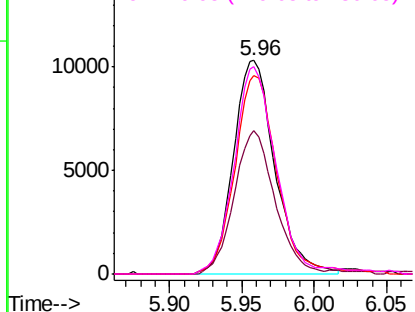
#34

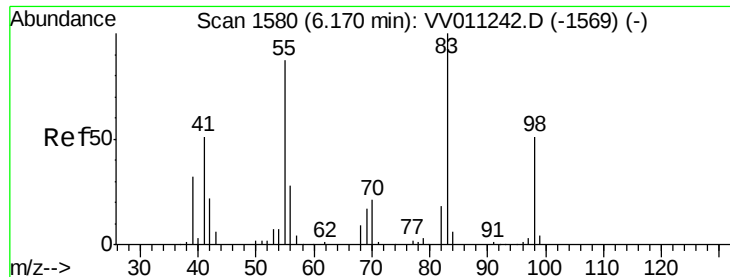
Trichloroethene
 Concen: 1.653 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011261.D
 Acq: 06 Jun 2019 22:26

Tgt Ion: 95 Resp: 20488
 Ion Ratio Lower Upper
 95 100
 97 67.2 45.8 85.2
 132 93.1 66.4 123.2
 130 96.9 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0





#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011261.D

Acq: 06 Jun 2019 22:26

Instrument :

MSVOA_V

ClientSampleId :

BFCP8

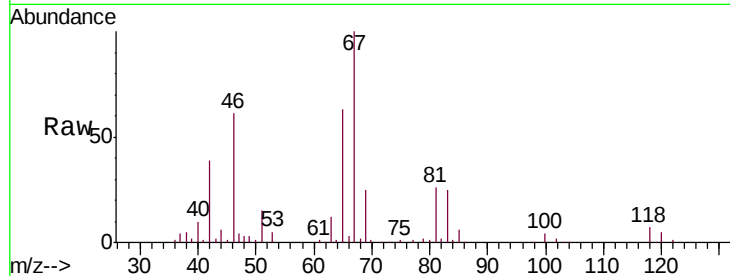
Tgt Ion: 83 Resp: 15639

Ion Ratio Lower Upper

83 100

55 1.3 67.0 100.6#

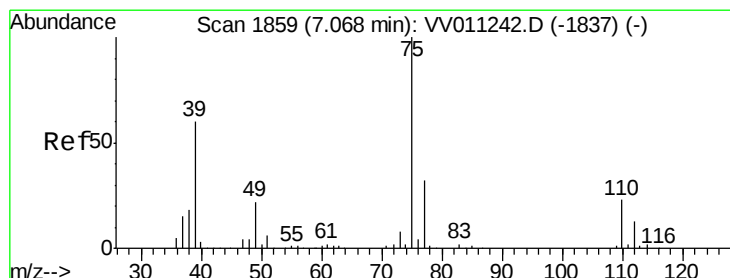
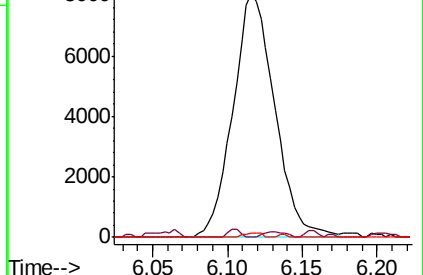
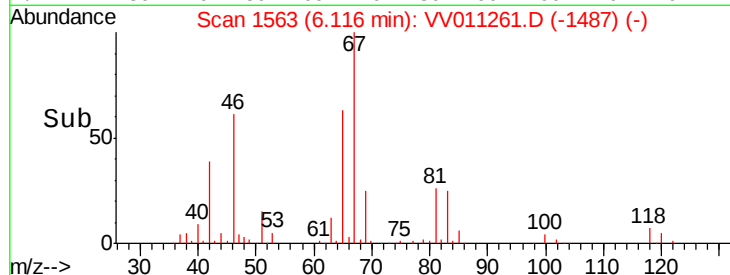
98 0.8 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV011261.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV011261.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV011261.D (-1487) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011261.D

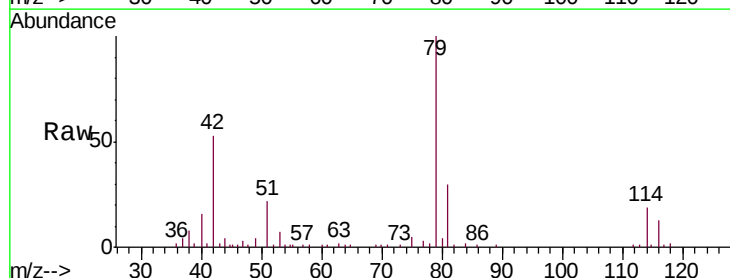
Acq: 06 Jun 2019 22:26

Tgt Ion: 75 Resp: 2000

Ion Ratio Lower Upper

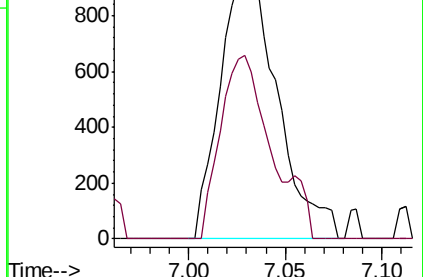
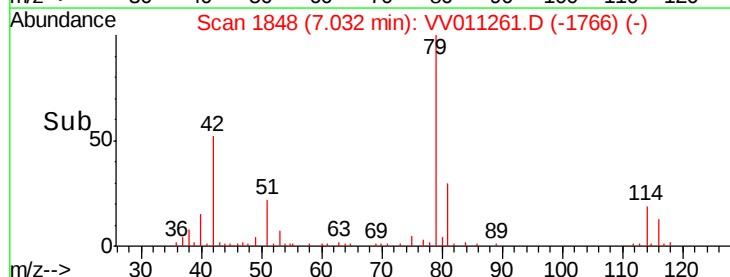
75 100

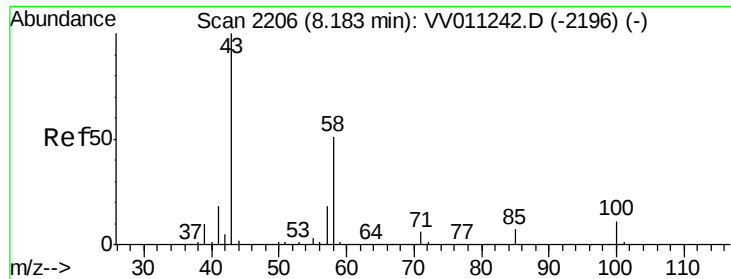
77 59.1 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV011261.D (-1766) (-)

Ion 77.05 (76.75 to 77.75): VV011261.D (-1766) (-)





#48
 2-Hexanone
 Concen: 3.137 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV011261.D
 Acq: 06 Jun 2019 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP8

Tgt Ion:	43	Resp:	16635
Ion	Ratio	Lower	Upper
43	100		
58	29.5	41.4	62.0#
57	25.3	15.0	22.4#
100	1.1	9.0	13.4#

