

Data File : VV011299.D
Acq On : 07 Jun 2019 20:26
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 08 00:45:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151766	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45950	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.57	69	41475	4.34	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	75850	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.95	46	131857	50.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	4.40	84	94271	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	52561	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.09	84	189141	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.12	67	58217	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	166009	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	16828	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.14	63	98542	47.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39144	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	52286	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

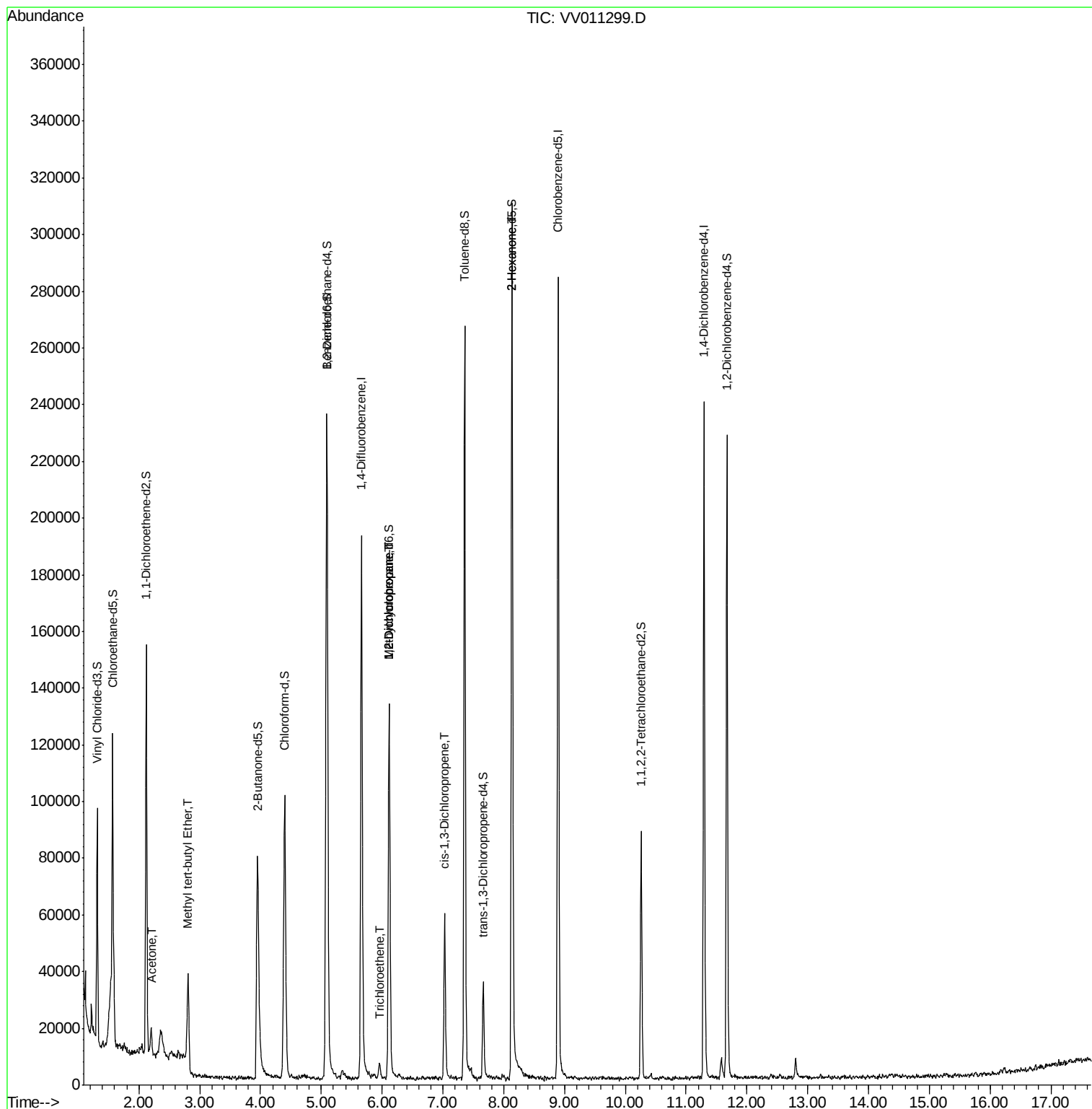
					Qvalue
13) Acetone	2.21	43	4276	2.463 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	32232	1.263 ug/L	95
34) Trichloroethene	5.96	95	1644	0.144 ug/L	90
35) Methylcyclohexane	6.11	83	13844	0.732 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	7335	0.666 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1636	0.102 ug/L #	49
48) 2-Hexanone	8.14	43	15406	3.149 ug/L #	70

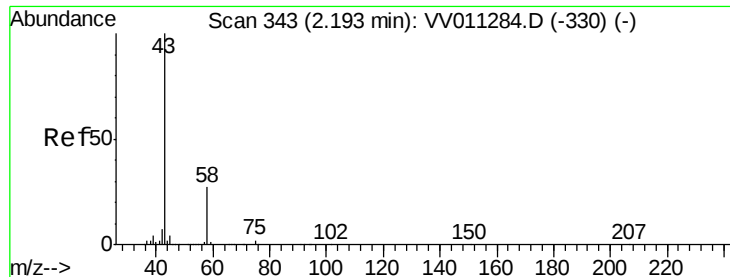
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.463 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV011299.D

Acq: 07 Jun 2019 20:26

Instrument :

MSVOA_V

ClientSampleId :

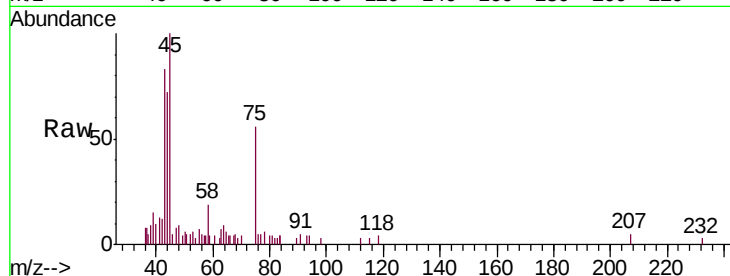
BFCP8

Tgt Ion: 43 Resp: 4276

Ion Ratio Lower Upper

43 100

58 29.6 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011284.D (-330) (-)

Ion 58.05 (57.75 to 58.75): VV011284.D (-330) (-)

2.21

2500

2000

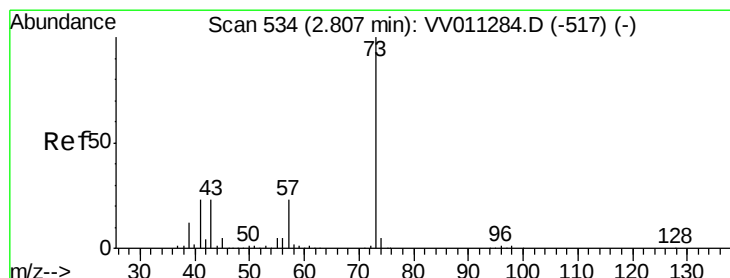
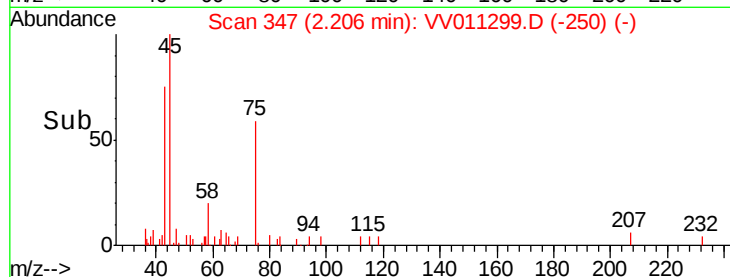
1500

1000

500

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 1.263 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

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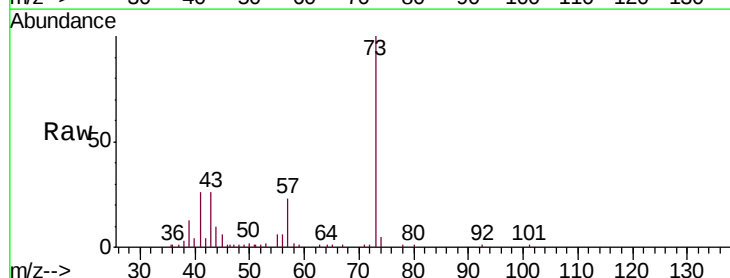
Tgt Ion: 73 Resp: 32232

Ion Ratio Lower Upper

73 100

43 27.2 18.7 28.1

57 23.6 18.1 27.1



Abundance Ion 73.10 (72.80 to 73.80): VV011284.D (-517) (-)

Ion 43.05 (42.75 to 43.75): VV011284.D (-517) (-)

Ion 57.10 (56.80 to 57.80): VV011284.D (-517) (-)

2.81

20000

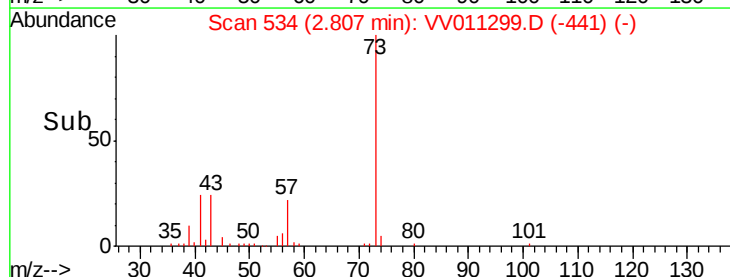
15000

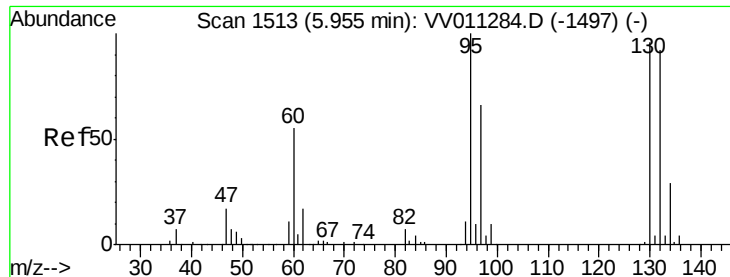
10000

5000

0

Time-->





#34

Trichloroethene

Concen: 0.144 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

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Acq: 07 Jun 2019 20:26

Instrument :

MSVOA_V

ClientSampled :

BFCP8

Tgt Ion: 95 Resp: 1644

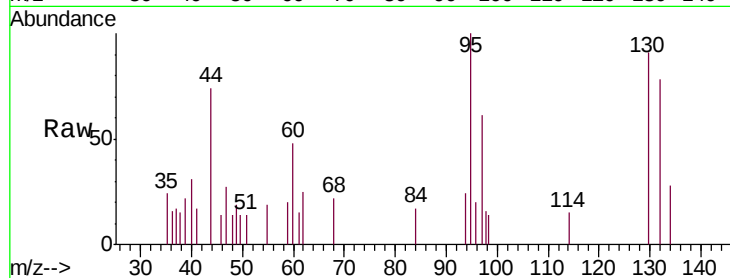
Ion Ratio Lower Upper

95 100

97 61.3 45.8 85.2

132 77.7 66.4 123.2

130 90.8 68.3 126.8

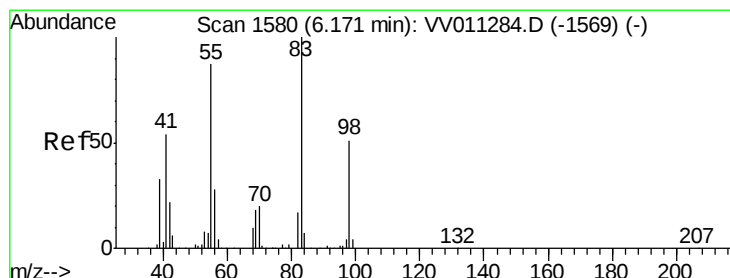
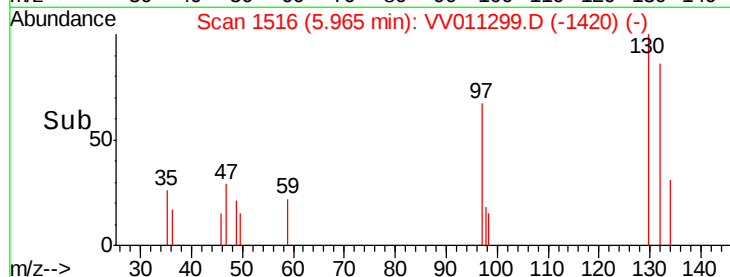
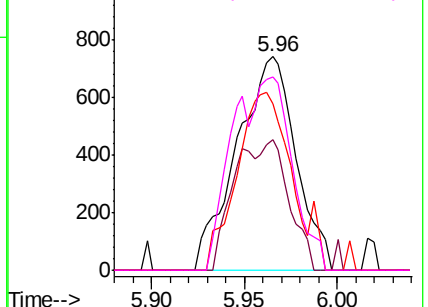


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.732 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011299.D

Acq: 07 Jun 2019 20:26

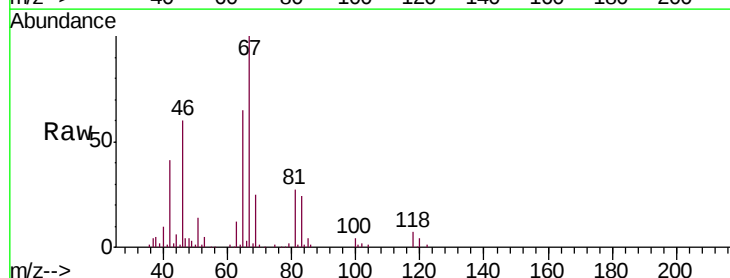
Tgt Ion: 83 Resp: 13844

Ion Ratio Lower Upper

83 100

55 1.5 67.0 100.6#

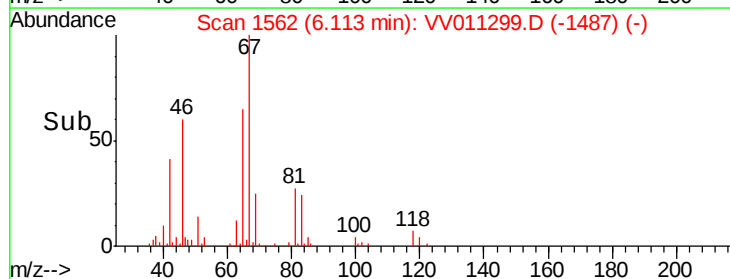
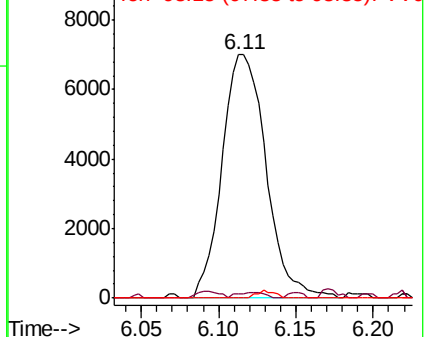
98 1.3 40.0 60.0#

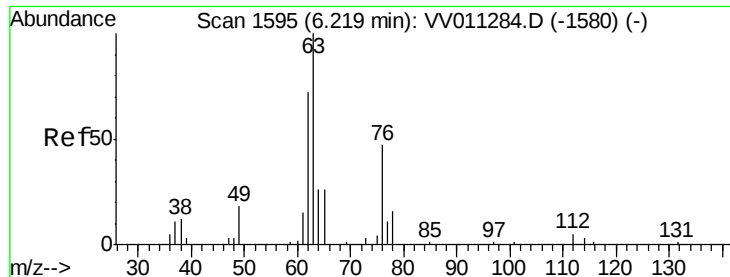


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

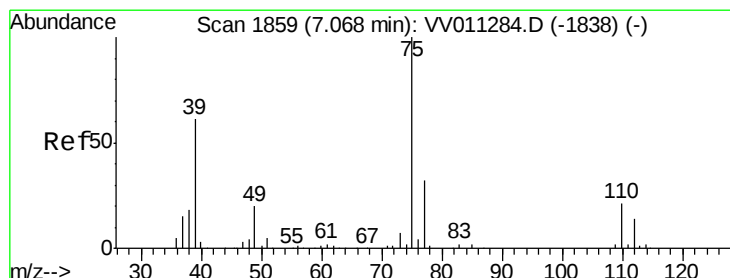
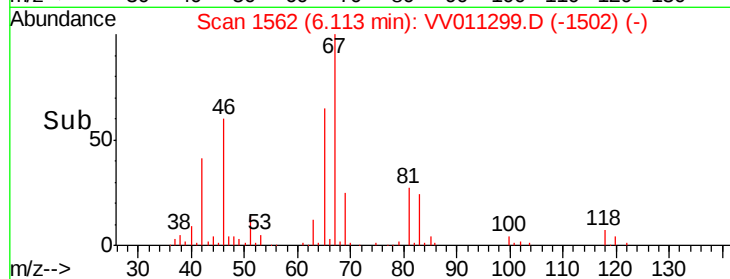
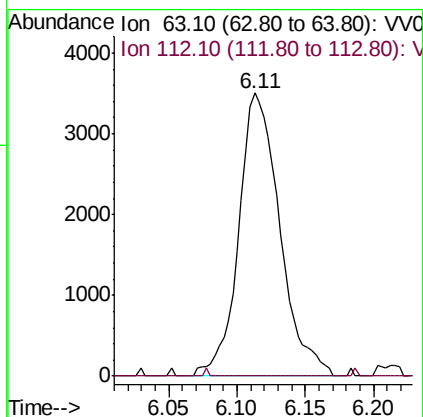
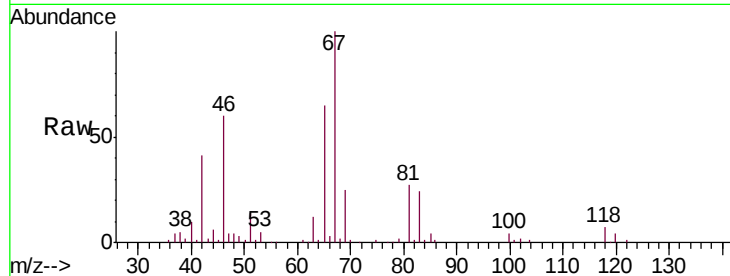




#37
 1,2-Dichloropropane
 Concen: 0.666 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011299.D
 Acq: 07 Jun 2019 20:26

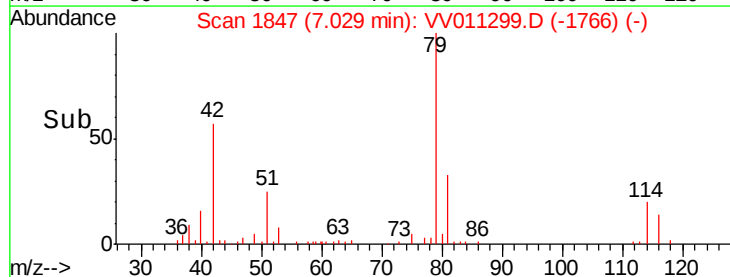
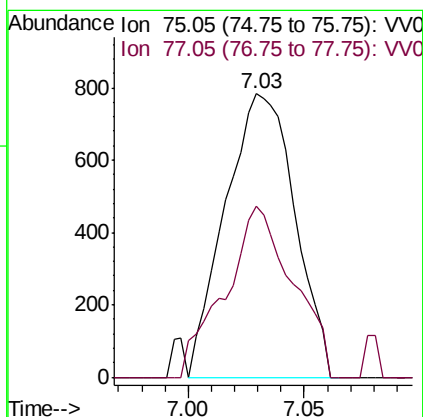
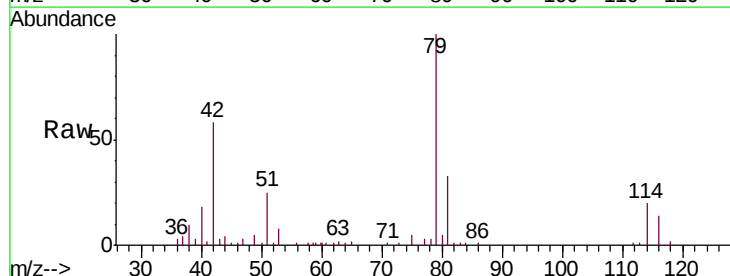
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 MSVOA_V
 ClientSampled :
 BFCP8

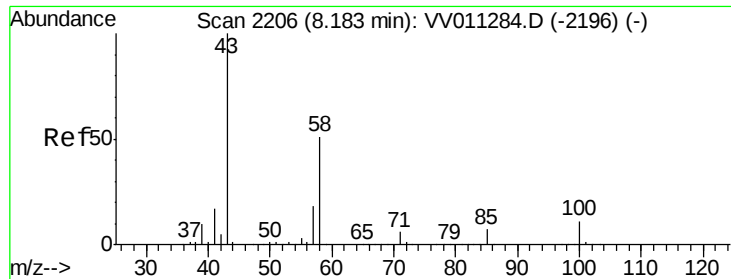
Tgt Ion: 63 Resp: 7335
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011299.D
 Acq: 07 Jun 2019 20:26

Tgt Ion: 75 Resp: 1636
 Ion Ratio Lower Upper
 75 100
 77 60.3 22.2 41.2#





#48

2-Hexanone

Concen: 3.149 ug/L

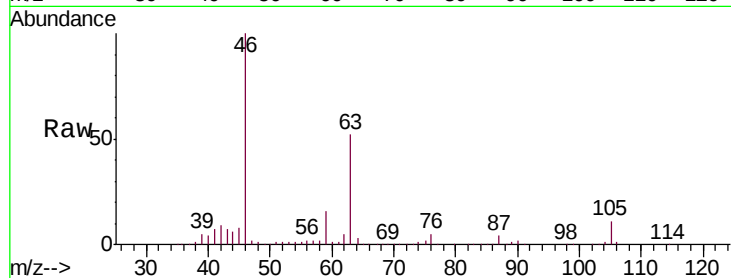
RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011299.D

Acq: 07 Jun 2019 20:26

Instrument :
MSVOA_V
ClientSampleId :
BFCP8



Tgt Ion:	43	Resp:	15406
Ion	Ratio	Lower	Upper
43	100		
58	24.1	41.4	62.0#
57	20.4	15.0	22.4
100	0.1	9.0	13.4#

