

Data File : VV011388.D
Acq On : 11 Jun 2019 11:58
Operator : SY/MD
Sample : K3229-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P36

Quant Time: Jun 12 02:52:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156208	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138320	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38451	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.56	69	37768	3.84	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.12	63	69270	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.95	46	113552	42.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.22%
24) Chloroform-d	4.39	84	87814	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.08	65	49425	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.09	84	174210	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.11	67	54406	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.35	98	152340	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.66	79	15370	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.14	63	85685	41.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35511	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	50578	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	2531	0.170 ug/L	99
8) Chloroethane	1.40	64	2777	0.302 ug/L #	57
13) Acetone	2.20	43	14081	7.881 ug/L	94
14) Carbon disulfide	2.31	76	20142	0.675 ug/L	97
15) Methyl Acetate	2.35	43	587	0.124 ug/L #	84
22) cis-1,2-Dichloroethene	3.95	96	4414	0.362 ug/L	92
34) Trichloroethene	5.95	95	1191	0.105 ug/L #	71
35) Methylcyclohexane	6.11	83	13140	0.699 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	7168	0.654 ug/L #	88
47) Tetrachloroethene	8.02	164	2481	0.302 ug/L	88
48) 2-Hexanone	8.14	43	12199	2.507 ug/L #	74
49) Dibromochloromethane	8.01	129	2507	0.315 ug/L #	11

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

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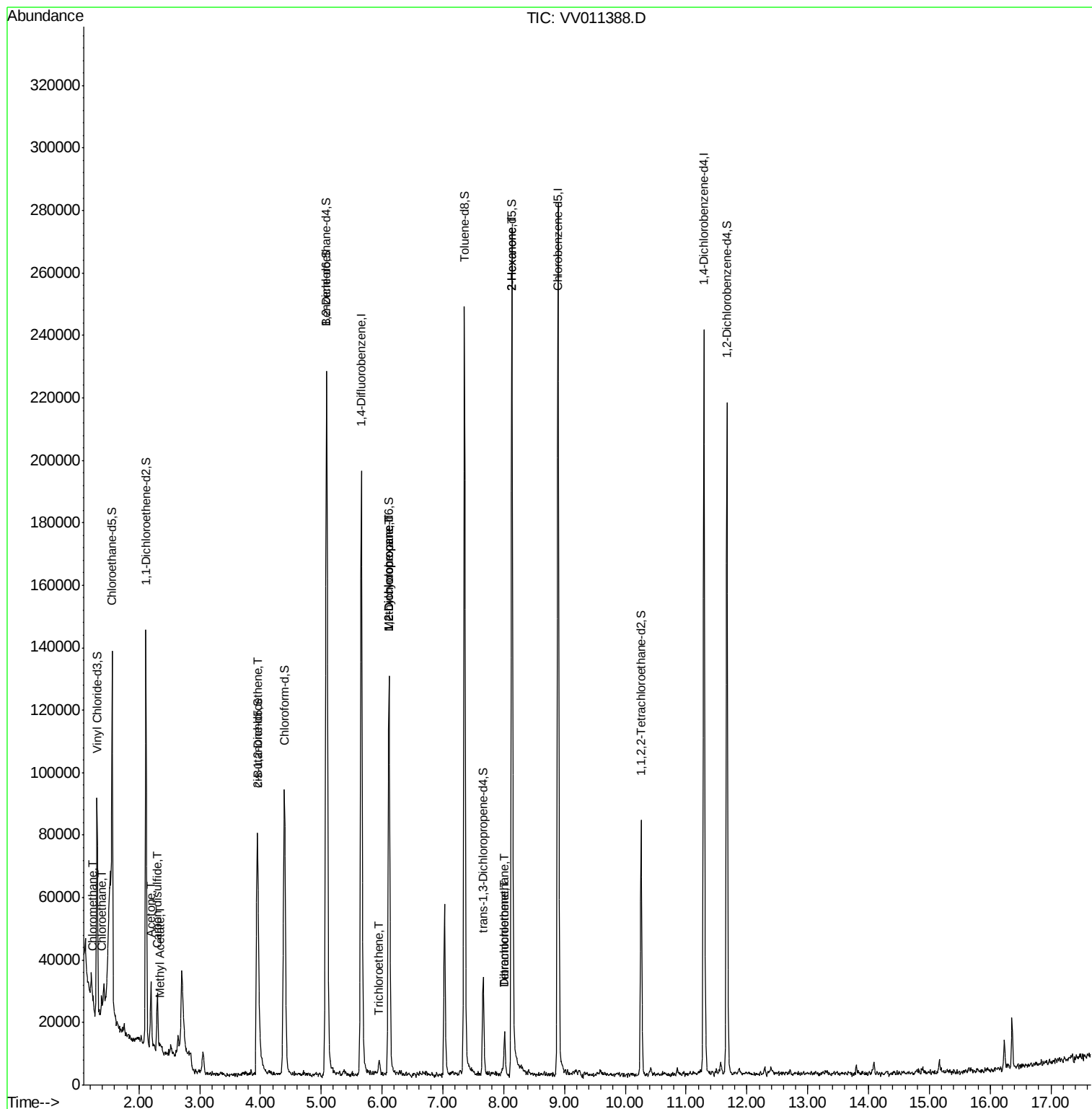
Quant Time: Jun 12 02:52:52 2019

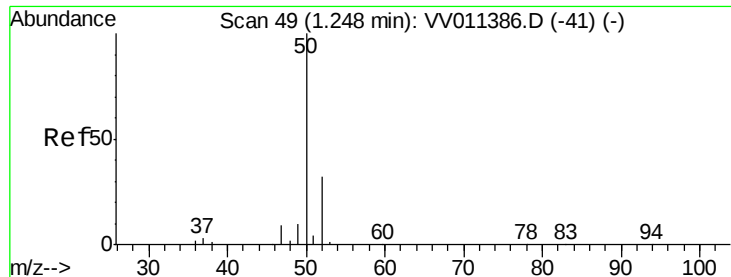
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR060419WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Jun 12 02:48:56 2019

Response via : Initial Calibration





#3

Chloromethane

Concen: 0.170 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

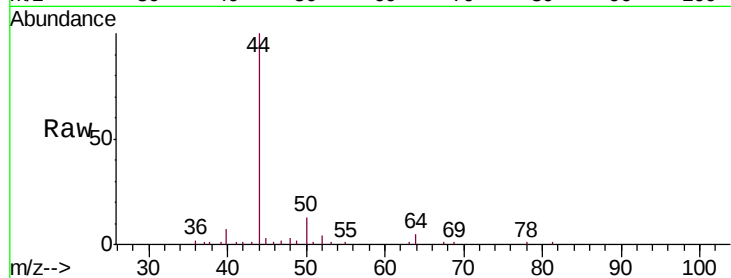
F9P36

Tgt Ion: 50 Resp: 2531

Ion Ratio Lower Upper

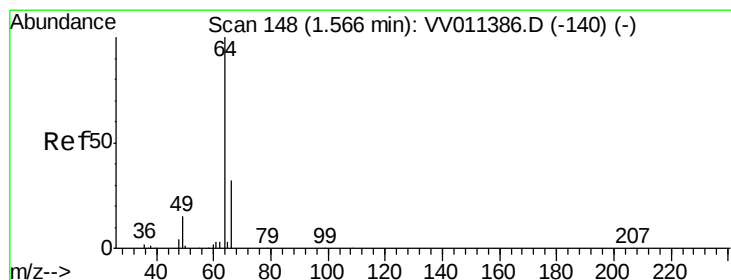
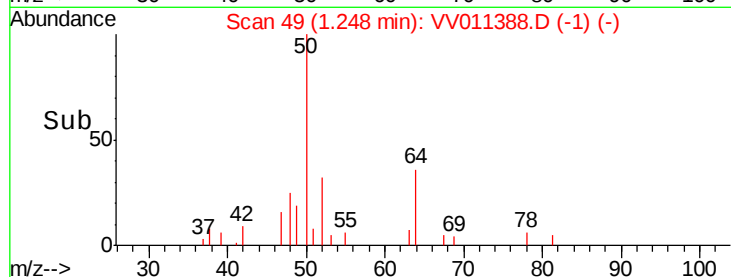
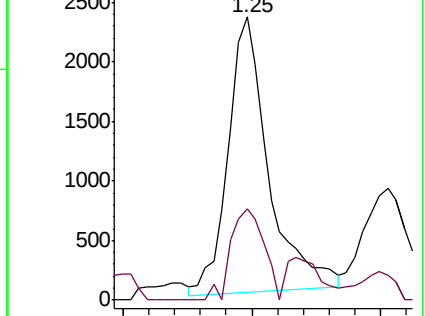
50 100

52 32.5 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.302 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.16 min

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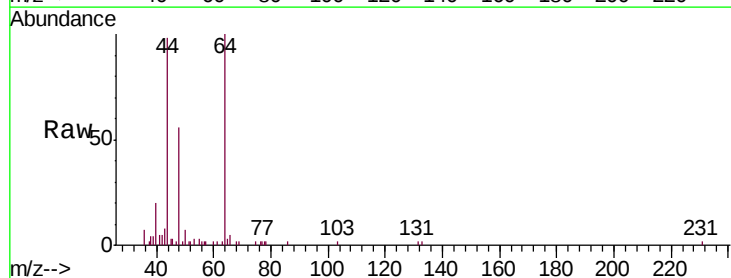
Acq: 11 Jun 2019 11:58

Tgt Ion: 64 Resp: 2777

Ion Ratio Lower Upper

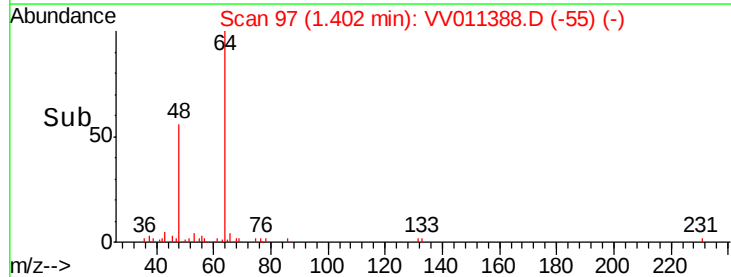
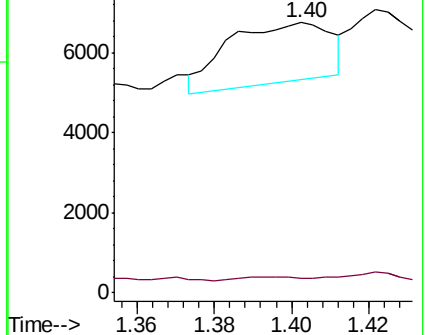
64 100

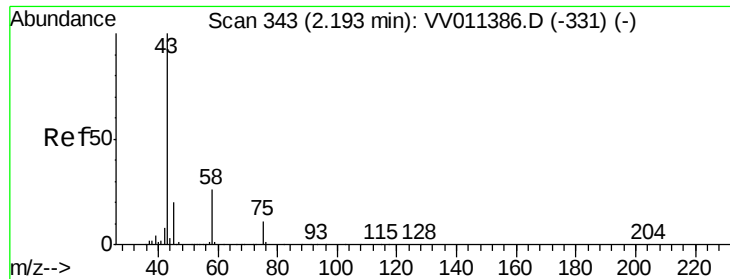
66 5.4 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 7.881 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV011388.D

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Instrument :

MSVOA_V

ClientSampleId :

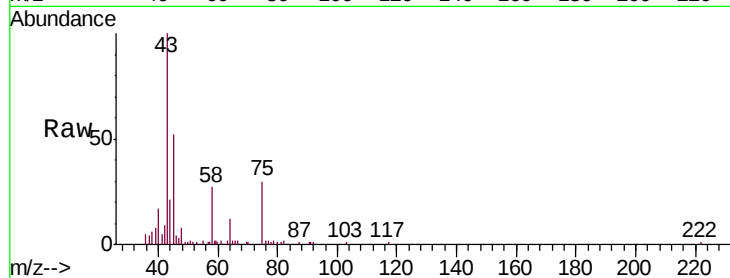
F9P36

Tgt Ion: 43 Resp: 14081

Ion Ratio Lower Upper

43 100

58 31.0 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011388.D (-250) (-)

Ion 58.05 (57.75 to 58.75): VV011388.D (-250) (-)

2.20

10000

8000

6000

4000

2000

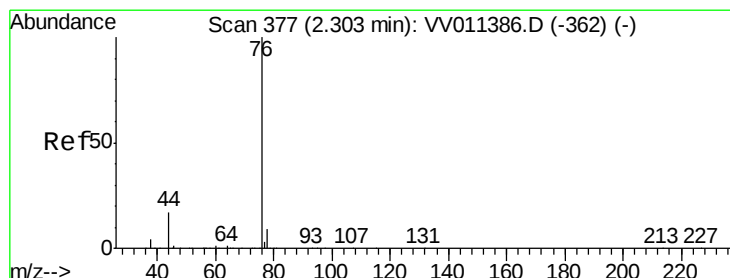
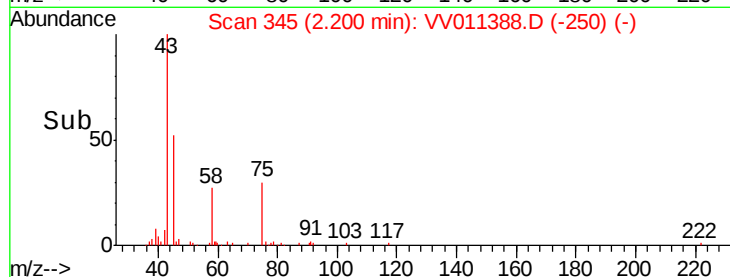
0

Time-->

2.15

2.20

2.25



#14

Carbon disulfide

Concen: 0.675 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV011388.D

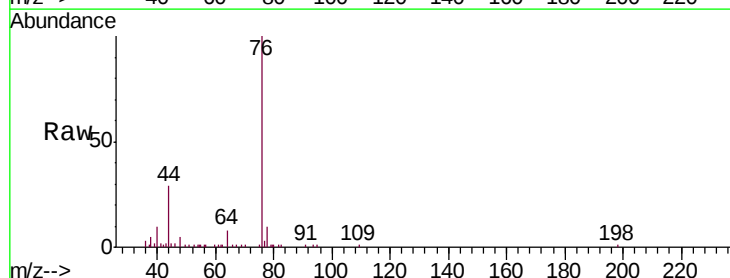
Acq: 11 Jun 2019 11:58

Tgt Ion: 76 Resp: 20142

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV011388.D (-284) (-)

Ion 78.00 (77.70 to 78.70): VV011388.D (-284) (-)

2.31

15000

10000

5000

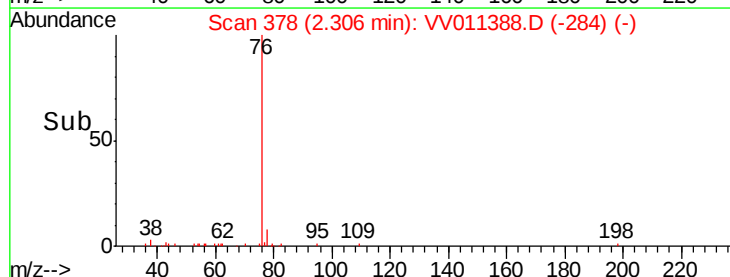
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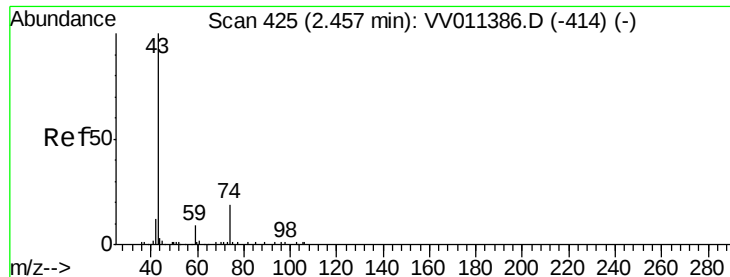
Time-->

2.25

2.30

2.35

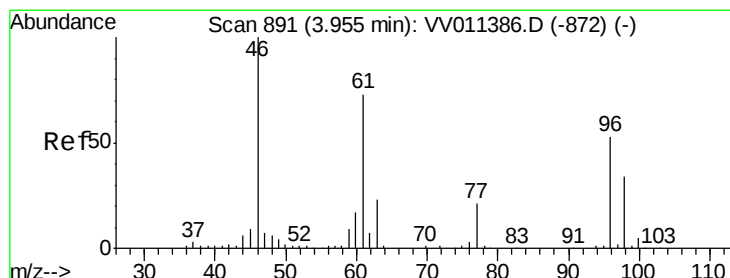
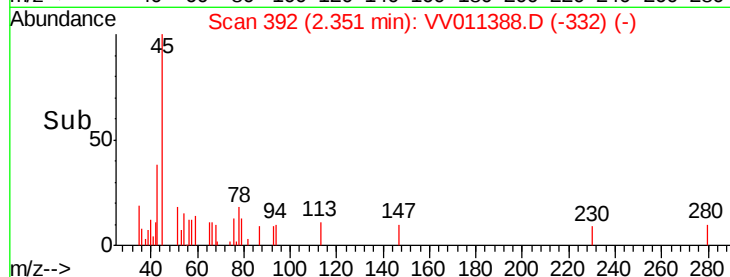
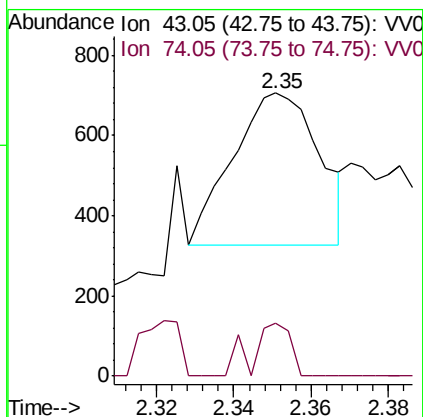
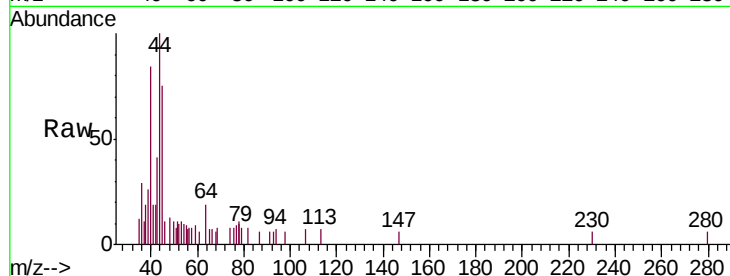




#15
Methyl Acetate
Concen: 0.124 ug/L
RT: 2.35 min Scan# 392
Delta R.T. -0.11 min
Lab File: VV011388.D
Acq: 11 Jun 2019 11:58

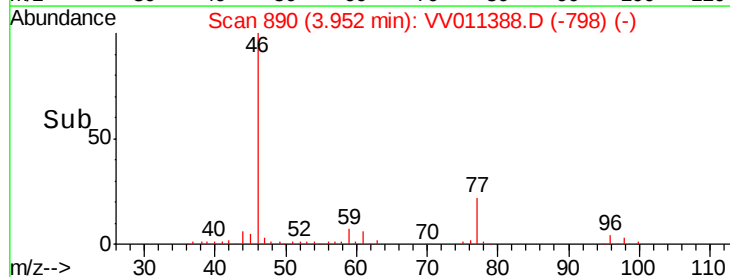
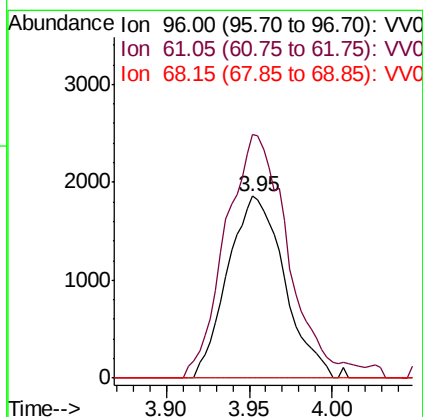
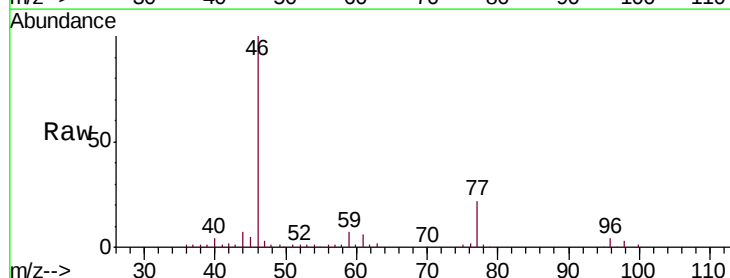
Instrument :
MSVOA_V
ClientSampled :
F9P36

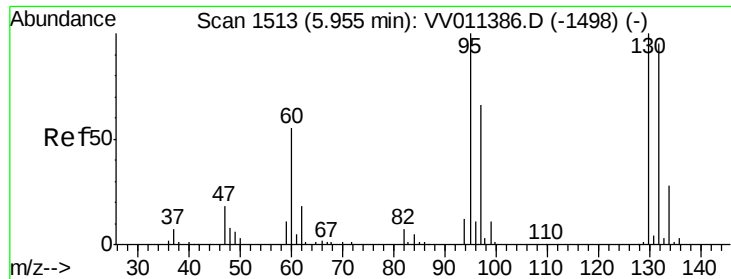
Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
74 15.3 18.5 27.7#



#22
cis-1,2-Dichloroethene
Concen: 0.362 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011388.D
Acq: 11 Jun 2019 11:58

Tgt Ion: 96 Resp: 4414
Ion Ratio Lower Upper
96 100
61 134.0 100.8 187.2
68 0.0 0.0 0.0

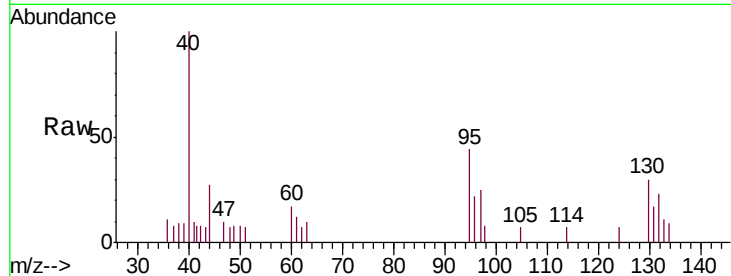




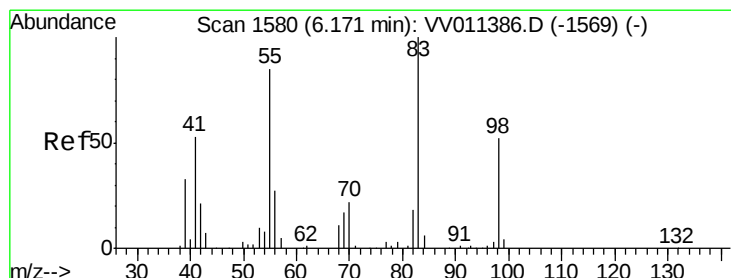
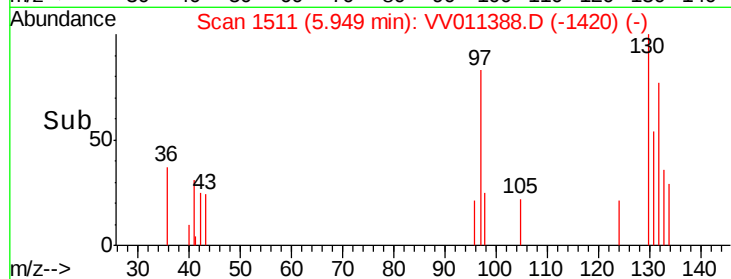
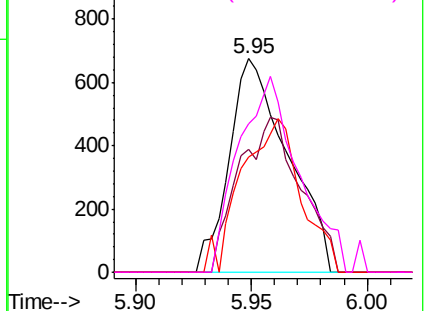
#34
 Trichloroethene
 Concen: 0.105 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: VV011388.D
 Acq: 11 Jun 2019 11:58

Instrument :
 MSVOA_V
 ClientSampled :
 F9P36

Tgt Ion: 95 Resp: 1191
 Ion Ratio Lower Upper
 95 100
 97 57.6 45.8 85.2
 132 53.8 66.4 123.2#
 130 69.6 68.3 126.8

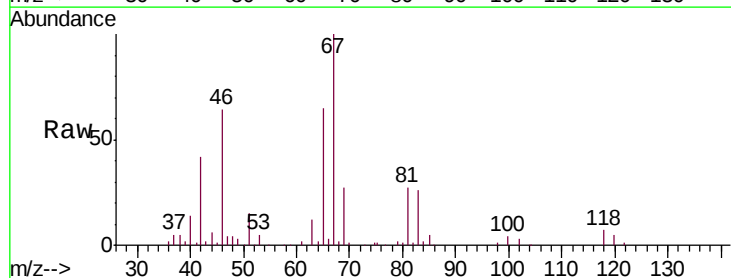


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

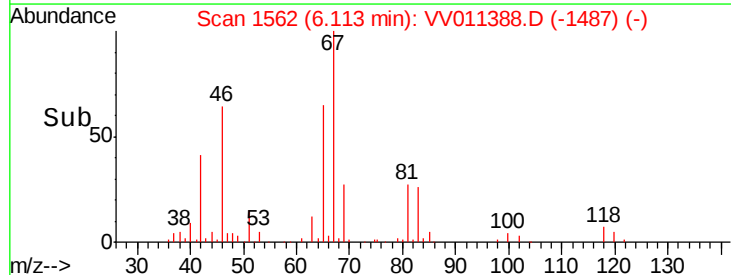
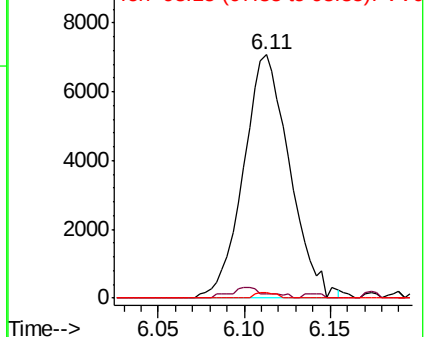


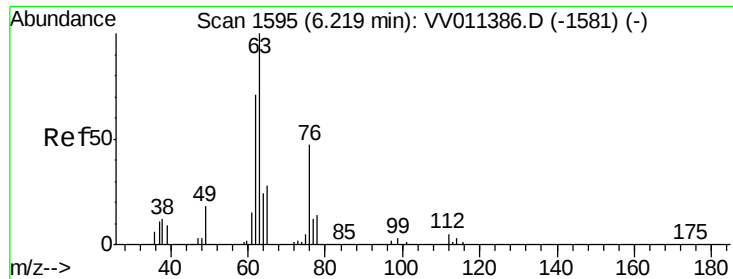
#35
 Methylcyclohexane
 Concen: 0.699 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV011388.D
 Acq: 11 Jun 2019 11:58

Tgt Ion: 83 Resp: 13140
 Ion Ratio Lower Upper
 83 100
 55 3.6 67.0 100.6#
 98 1.0 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

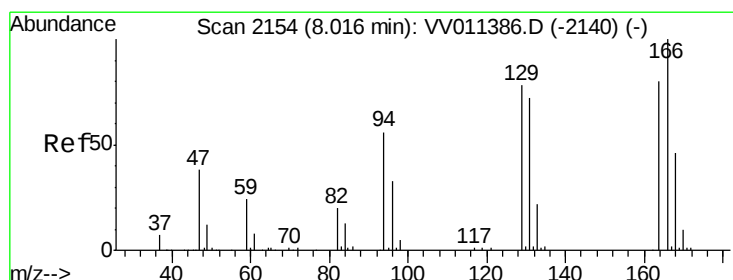
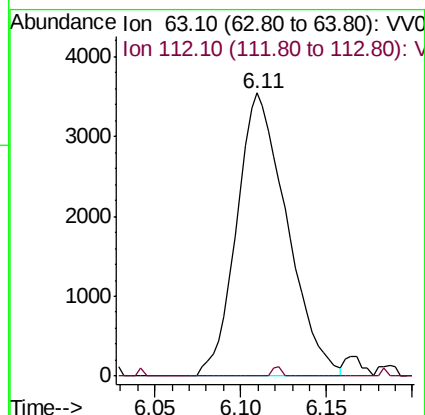
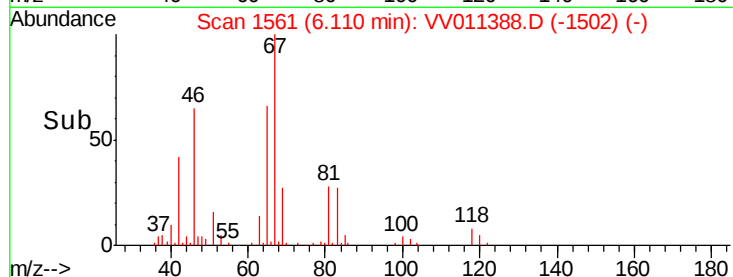
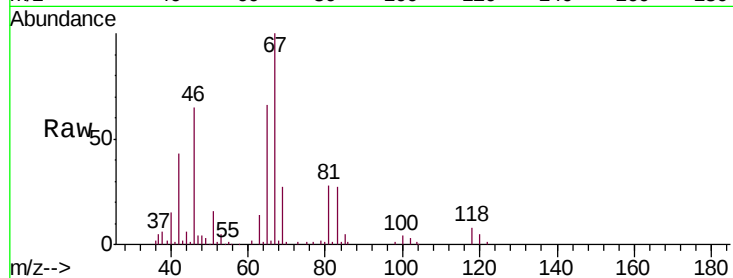




#37
 1,2-Dichloropropane
 Concen: 0.654 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV011388.D
 Acq: 11 Jun 2019 11:58

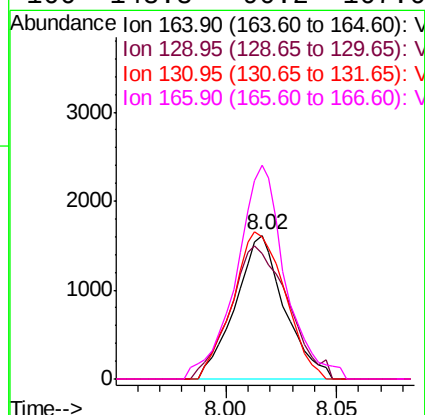
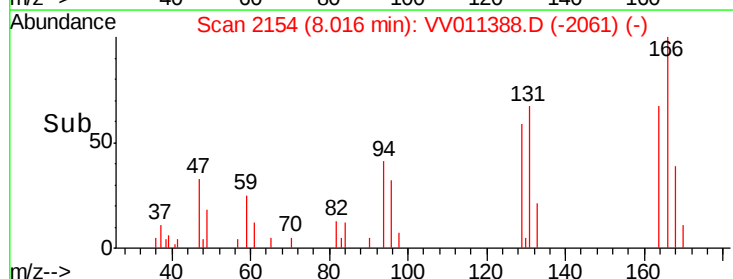
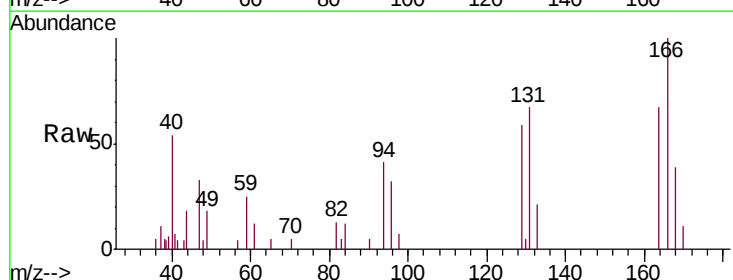
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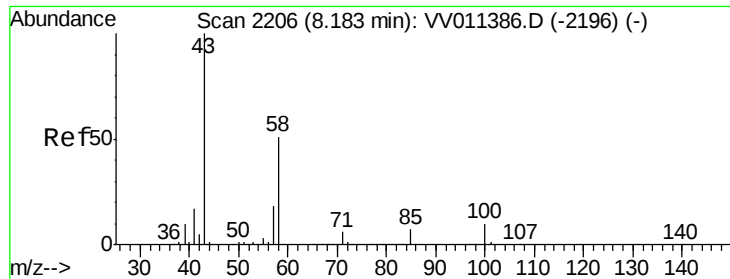
Tgt Ion: 63 Resp: 7168
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.6 5.4#



#47
 Tetrachloroethene
 Concen: 0.302 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV011388.D
 Acq: 11 Jun 2019 11:58

Tgt Ion: 164 Resp: 2481
 Ion Ratio Lower Upper
 164 100
 129 87.4 69.9 129.9
 131 99.4 66.8 124.2
 166 148.8 90.2 167.6

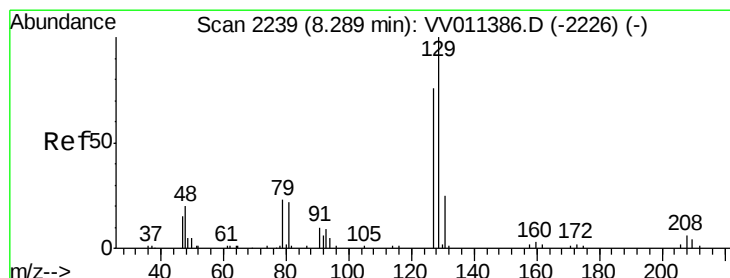
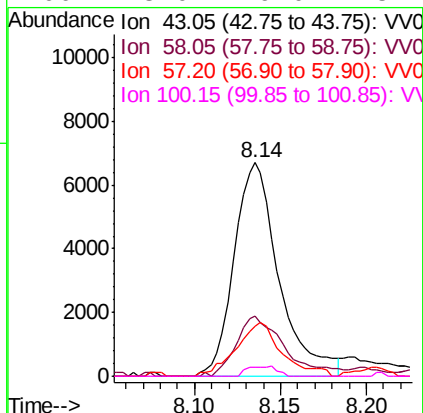
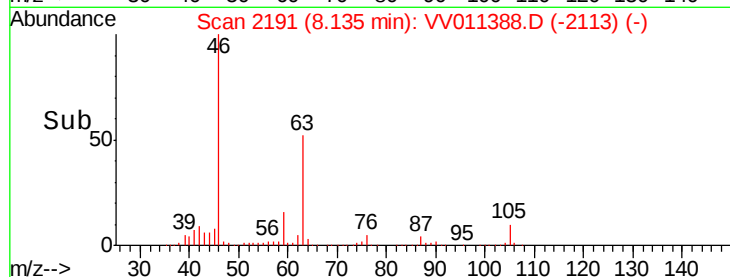
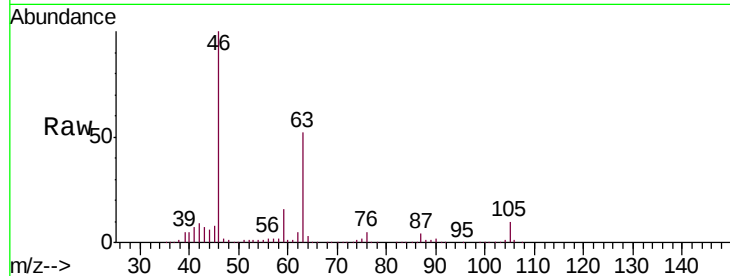




#48
2-Hexanone
Concen: 2.507 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011388.D
Acq: 11 Jun 2019 11:58

Instrument :
MSVOA_V
ClientSampleId :
F9P36

Tgt Ion:	43	Resp:	12199
Ion	Ratio	Lower	Upper
43	100		
58	30.6	41.4	62.0#
57	25.6	15.0	22.4#
100	3.0	9.0	13.4#



#49
Dibromochloromethane
Concen: 0.315 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.28 min
Lab File: VV011388.D
Acq: 11 Jun 2019 11:58

Tgt Ion:	129	Resp:	2507
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#

