

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
 Data File : VV007379.D
 Acq On : 05 Sep 2018 12:52
 Operator : SY/MD
 Sample : J4678-09MSD
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FC5MSD

Quant Time: Sep 06 00:45:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 00:43:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	512961	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	484436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157574	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.02%
7) Chloroethane-d5	1.57	69	98272	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.88%
11) 1,1-Dichloroethene-d2	2.13	63	312128	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.72%
21) 2-Butanone-d5	3.96	46	265370	89.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.04%
24) Chloroform-d	4.41	84	347144	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.09	65	221776	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.11	84	701814	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
36) 1,2-Dichloropropane-d6	6.12	67	239997	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.10%
41) Toluene-d8	7.37	98	574431	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	96551	46.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.66%
47) 2-Hexanone-d5	8.14	63	178599	93.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.11%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	300772	45.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	215603	53.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.04%

Target Compounds

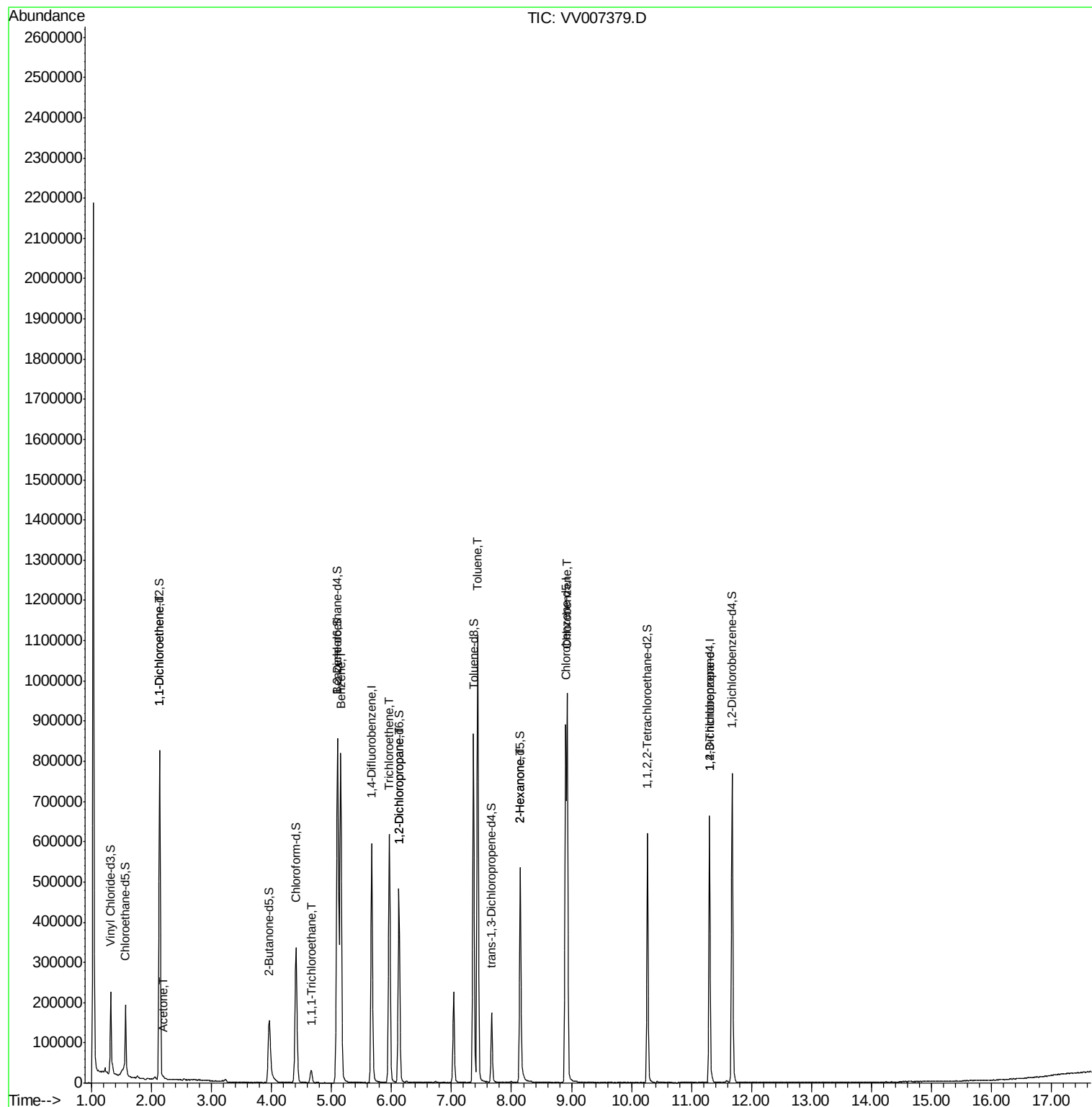
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	169488	52.244	ug/L	98
13) Acetone	2.21	43	2209	1.245	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	24882	4.206	ug/L	100
33) Benzene	5.15	78	831771	53.678	ug/L	100
34) Trichloroethene	5.96	95	215209	56.892	ug/L	98
37) 1,2-Dichloropropane	6.12	63	23796	5.588	ug/L #	88
42) Toluene	7.44	91	802183	53.814	ug/L	99
48) 2-Hexanone	8.14	43	22091	5.758	ug/L #	70
51) Chlorobenzene	8.93	112	507965	50.463	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	20388	4.026	ug/L	89

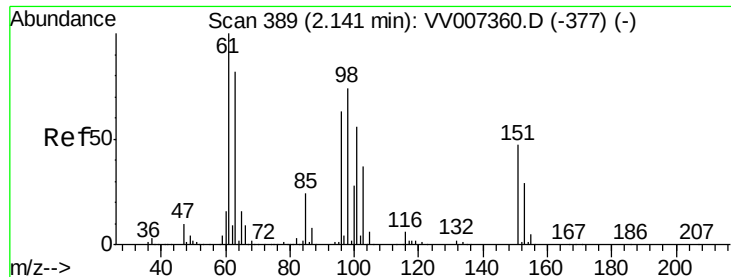
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0 mL/MSVOA_V/WATER
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Quant Time: Sep 06 00:45:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 00:43:59 2018
Response via : Initial Calibration

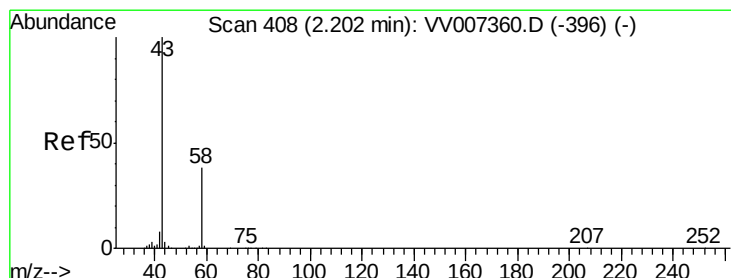
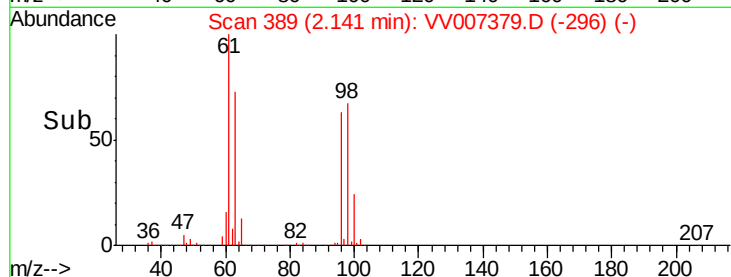
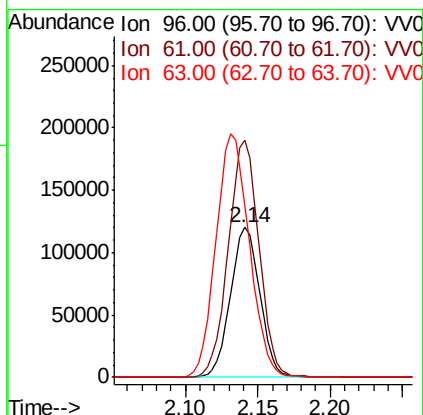
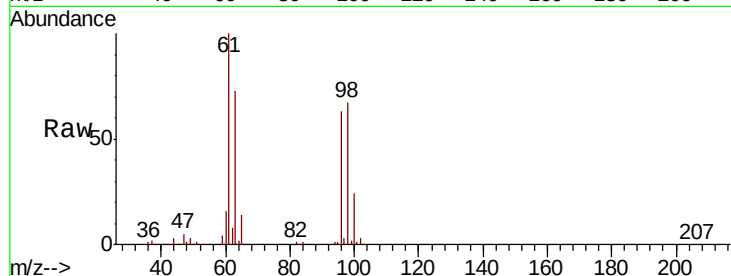




#12
 1,1-Dichloroethene
 Concen: 52.244 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VV007379.D
 Acq: 05 Sep 2018 12:52

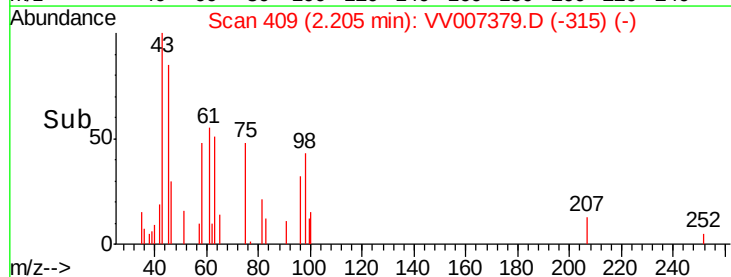
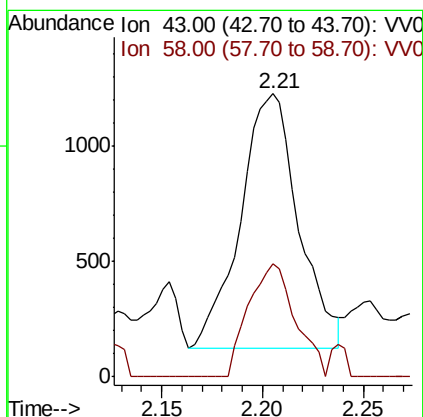
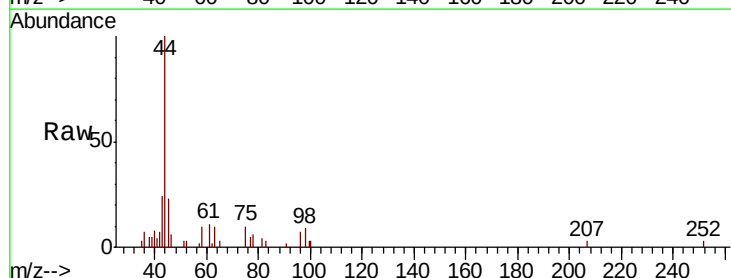
Instrument :
 MSVOA_V
 ClientSampled :
 E5FC5MSD

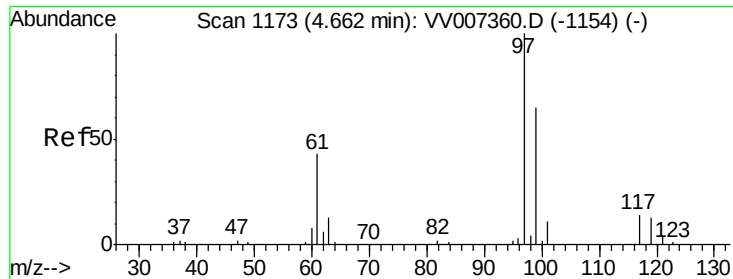
Tgt Ion: 96 Resp: 169488
 Ion Ratio Lower Upper
 96 100
 61 158.2 108.6 201.8
 63 114.7 81.5 151.3



#13
 Acetone
 Concen: 1.245 ug/L
 RT: 2.21 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VV007379.D
 Acq: 05 Sep 2018 12:52

Tgt Ion: 43 Resp: 2209
 Ion Ratio Lower Upper
 43 100
 58 35.8 0.0 71.2

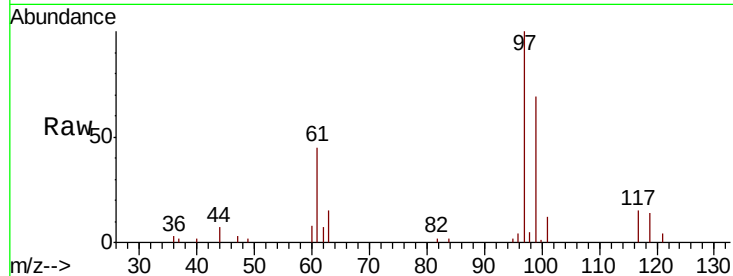




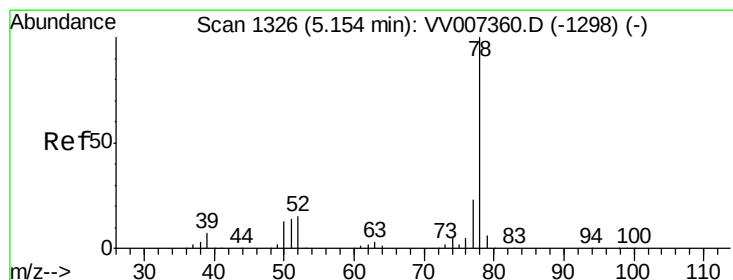
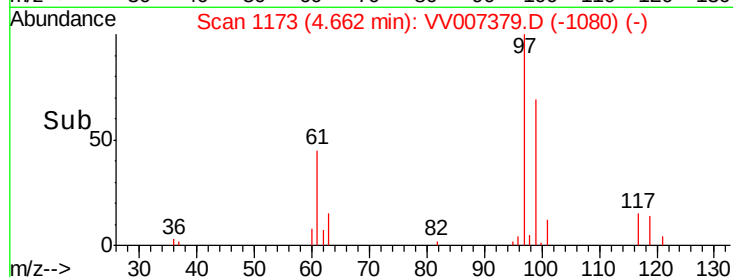
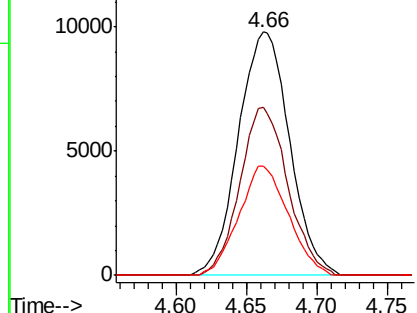
#30
 1,1,1-Trichloroethane
 Concen: 4.206 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007379.D
 Acq: 05 Sep 2018 12:52

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FC5MSD

Tgt Ion: 97 Resp: 24882
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.1 78.1
 61 43.4 34.6 51.8

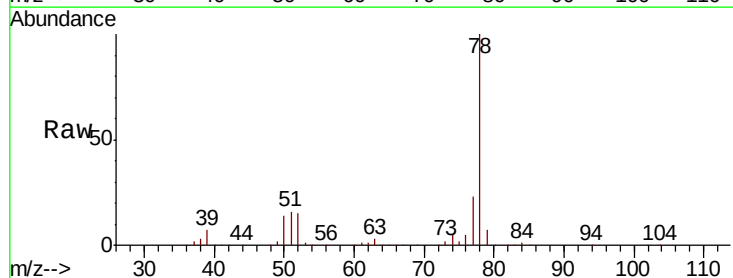


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0

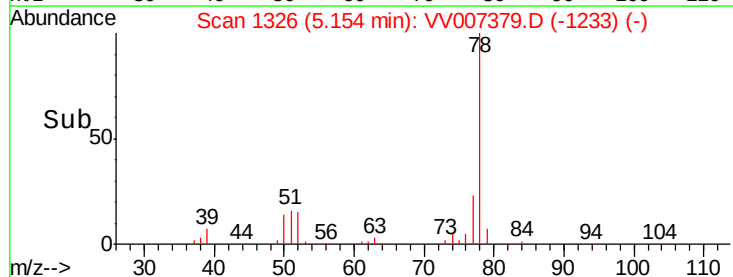
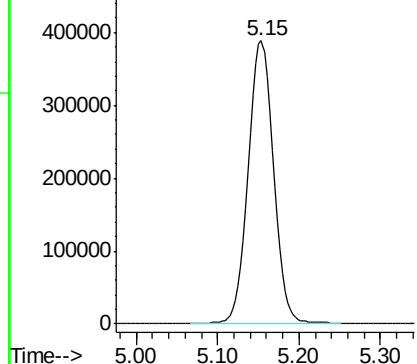


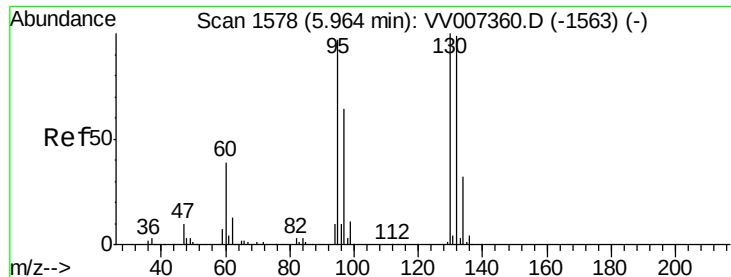
#33
 Benzene
 Concen: 53.678 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: VV007379.D
 Acq: 05 Sep 2018 12:52

Tgt Ion: 78 Resp: 831771



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 56.892 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

Instrument :

MSVOA_V

ClientSampleId :

E5FC5MSD

Tgt Ion: 95 Resp: 215209

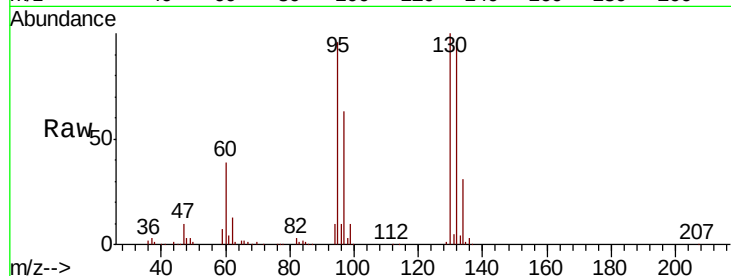
Ion Ratio Lower Upper

95 100

97 65.0 46.1 85.7

132 99.8 70.8 131.6

130 103.7 73.9 137.3

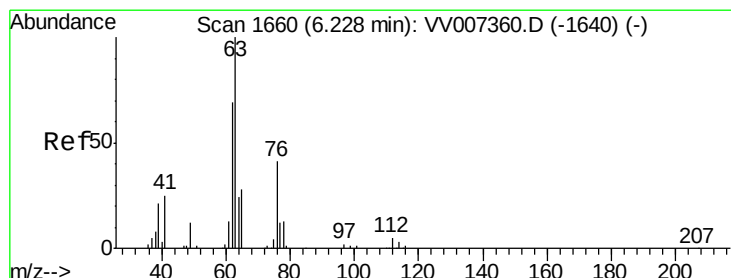
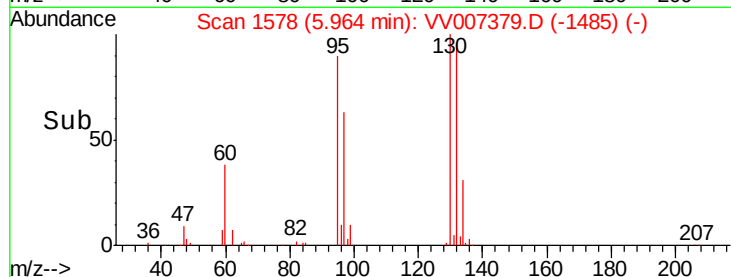
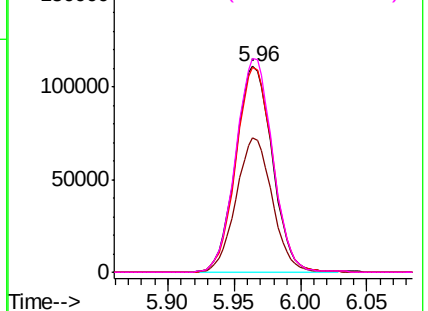


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.588 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007379.D

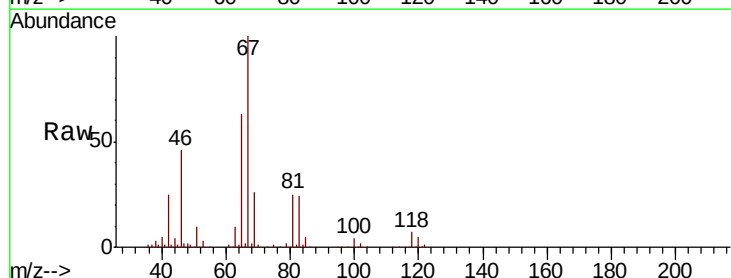
Acq: 05 Sep 2018 12:52

Tgt Ion: 63 Resp: 23796

Ion Ratio Lower Upper

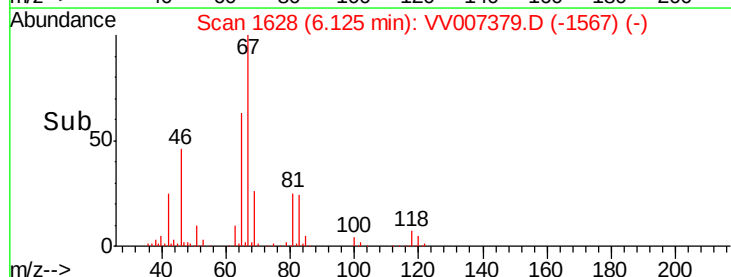
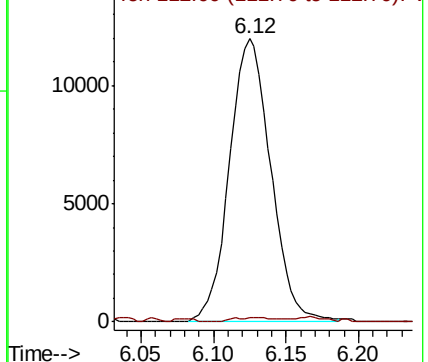
63 100

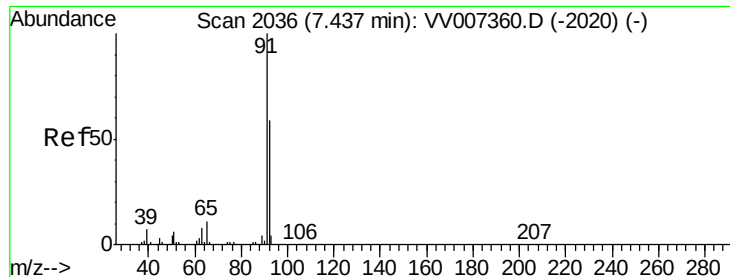
112 0.7 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#42

Toluene

Concen: 53.814 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

Instrument :

MSVOA_V

ClientSampleId :

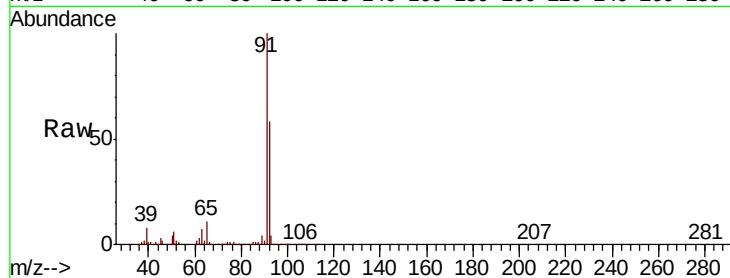
E5FC5MSD

Tgt Ion: 91 Resp: 802183

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



Abundance Ion 91.00 (90.70 to 91.70): VV007360.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VV007360.D (-2020) (-)

7.44

500000

400000

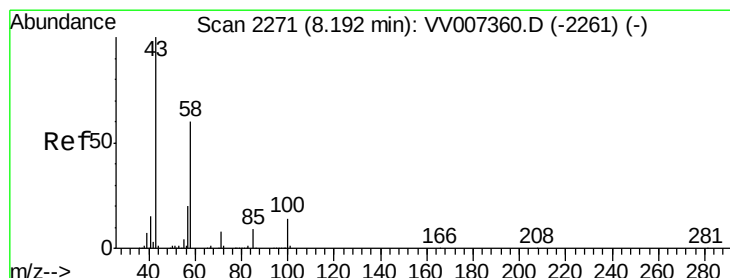
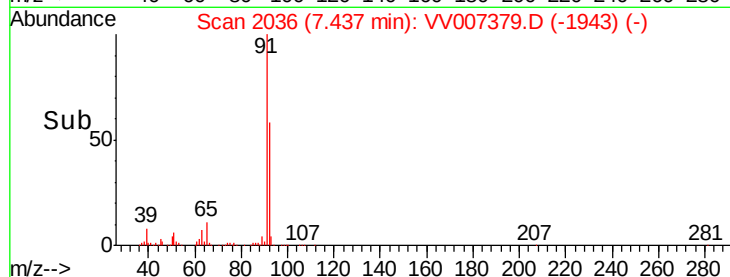
300000

200000

100000

0

Time-->



#48

2-Hexanone

Concen: 5.758 ug/L

RT: 8.14 min Scan# 2256

Delta R.T. -0.05 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

Tgt Ion: 43 Resp: 22091

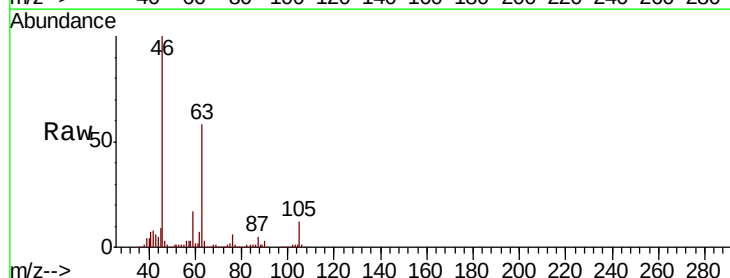
Ion Ratio Lower Upper

43 100

58 40.5 48.6 72.8#

57 40.7 16.2 24.2#

100 4.3 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VV007360.D (-2261) (-)

Ion 58.00 (57.70 to 58.70): VV007360.D (-2261) (-)

Ion 57.00 (56.70 to 57.70): VV007360.D (-2261) (-)

Ion 100.00 (99.70 to 100.70): VV007360.D (-2261) (-)

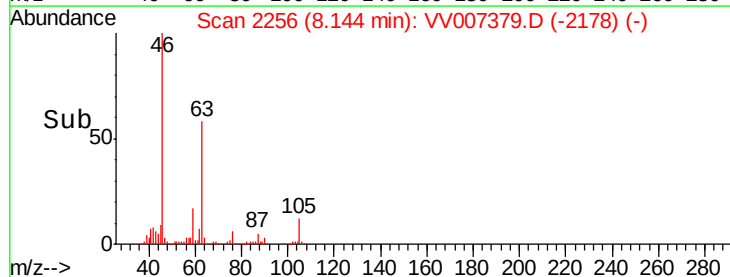
15000

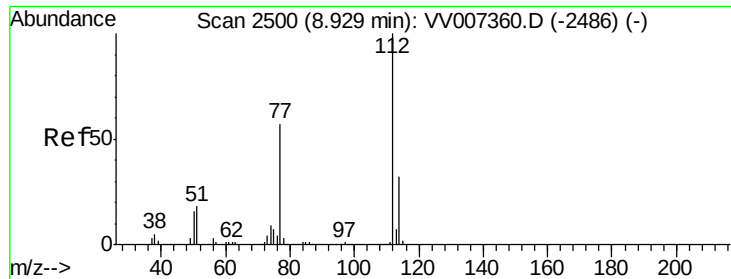
10000

5000

0

Time-->

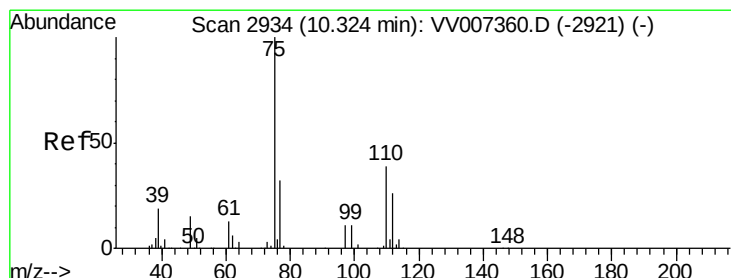
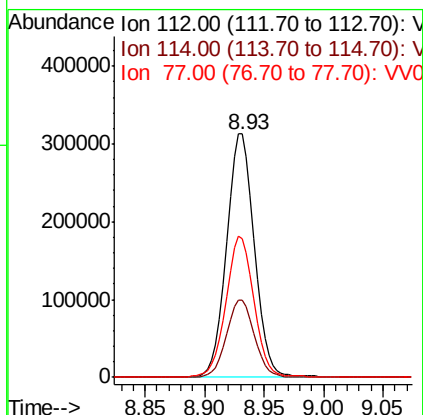
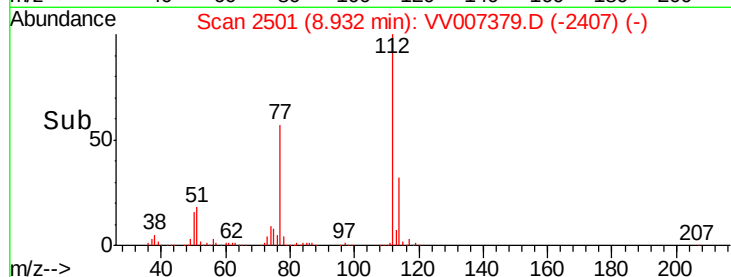
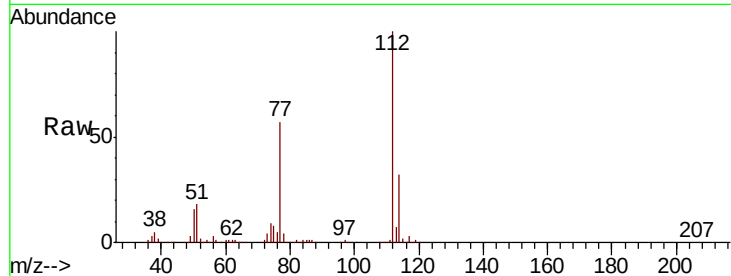




#51
Chlorobenzene
Concen: 50.463 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV007379.D
Acq: 05 Sep 2018 12:52

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Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	57.1	46.5	69.7



#59
1,2,3-Trichloropropane
Concen: 4.026 ug/L
RT: 11.30 min Scan# 3238
Delta R.T. 0.98 min
Lab File: VV007379.D
Acq: 05 Sep 2018 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.5	38.3

