

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082319\
 Data File : VV012387.D
 Acq On : 24 Aug 2019 01:58
 Operator : SY/MD
 Sample : K4500-04MS
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANJ9MS

Quant Time: Aug 26 09:13:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 26 07:59:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	236829	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	229820	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91870	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61898	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.58	69	44623	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.13	63	110226	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.80%
20) 2-Butanone-d5	3.96	46	171378	53.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.46%
24) Chloroform-d	4.40	84	136211	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	68749	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	280469	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	86451	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	232204	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.66	79	28426	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	91035	45.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53205	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	80702	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

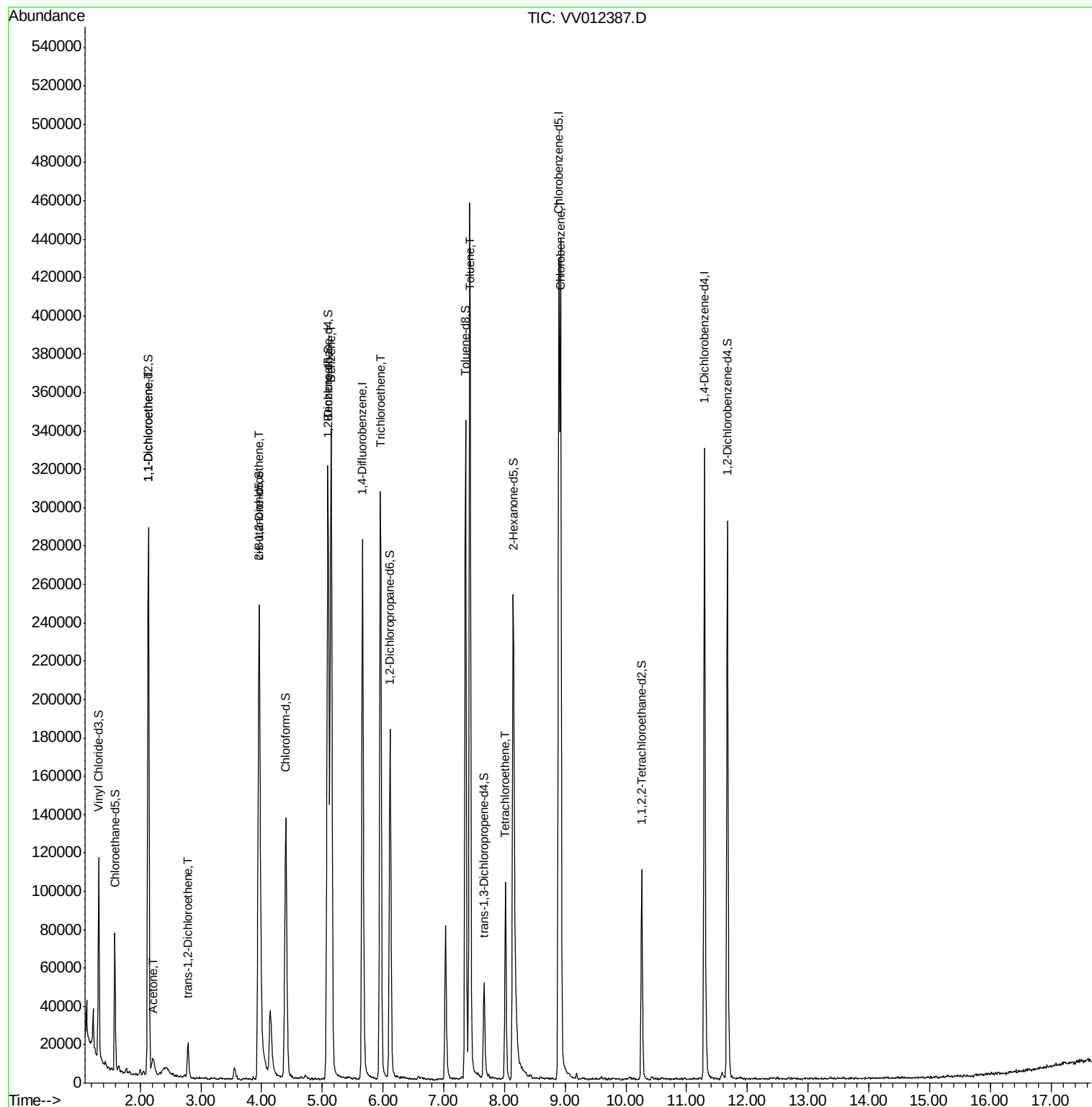
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	53305	5.611	ug/L	96
13) Acetone	2.21	43	12596	9.127	ug/L	66
18) trans-1,2-Dichloroethene	2.79	96	5954	0.421	ug/L #	81
22) cis-1,2-Dichloroethene	3.96	96	95192	6.178	ug/L	98
33) Benzene	5.14	78	330185	5.634	ug/L	100
34) Trichloroethene	5.96	95	102943	6.508	ug/L	99
42) Toluene	7.43	91	331623	5.540	ug/L	99
47) Tetrachloroethene	8.02	164	23321	1.827	ug/L	94
51) Chlorobenzene	8.92	112	221143	5.654	ug/L	99

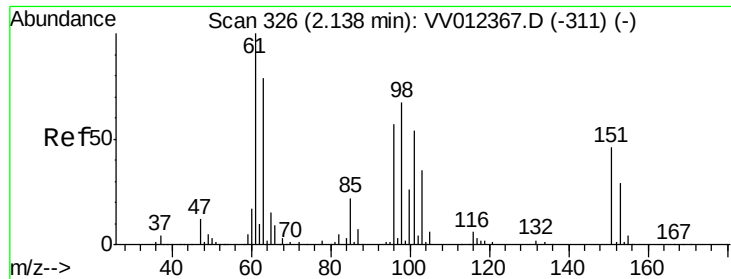
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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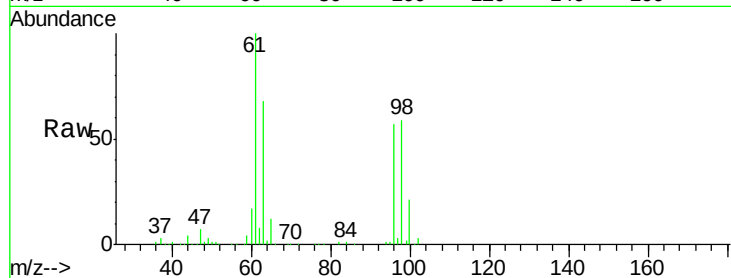




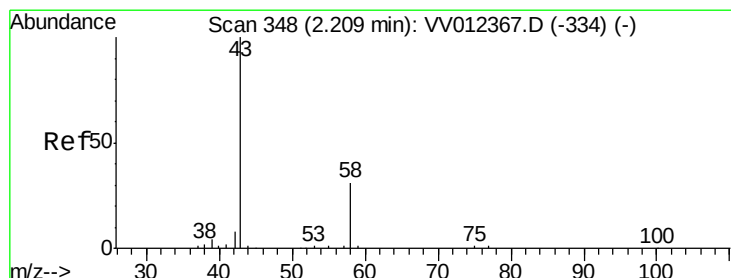
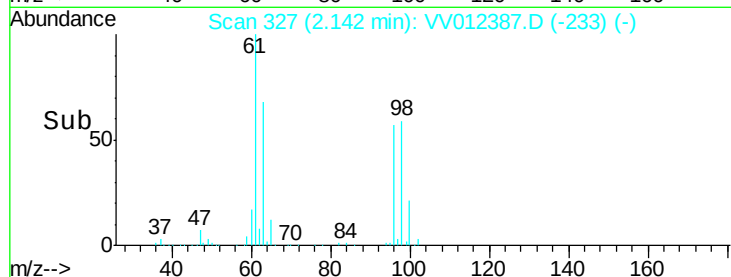
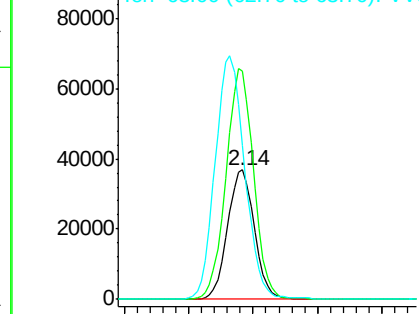
#12
 1,1-Dichloroethene
 Concen: 5.611 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV012387.D
 Acq: 24 Aug 2019 01:58

Instrument :
 MSVOA_V
 ClientSampleId :
 GANJ9MS

Tot Ion: 96 Resp: 53305
 Ion Ratio Lower Upper
 96 100
 61 176.4 122.3 227.1
 63 119.2 90.6 168.2

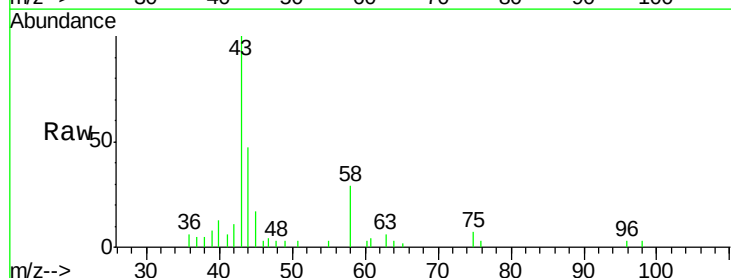


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 63.00 (62.70 to 63.70): VV0

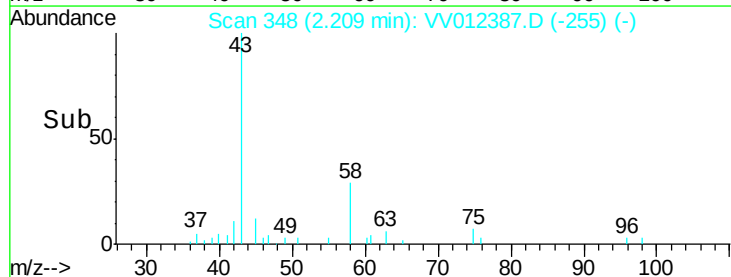
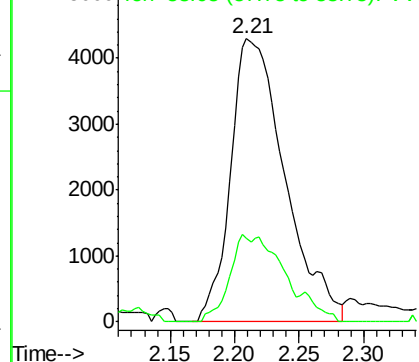


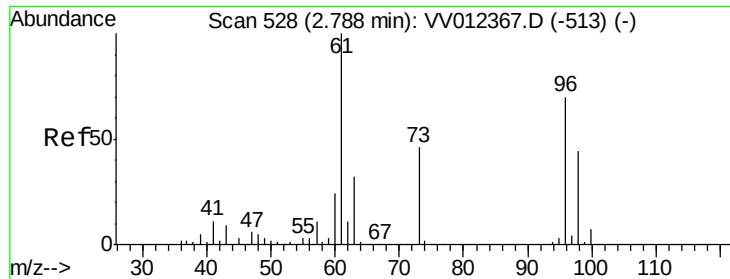
#13
 Acetone
 Concen: 9.127 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VV012387.D
 Acq: 24 Aug 2019 01:58

Tgt Ion: 43 Resp: 12596
 Ion Ratio Lower Upper
 43 100
 58 12.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.421 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV012387.D

Acq: 24 Aug 2019 01:58

Instrument :

MSVOA_V

ClientSampleId :

GANJ9MS

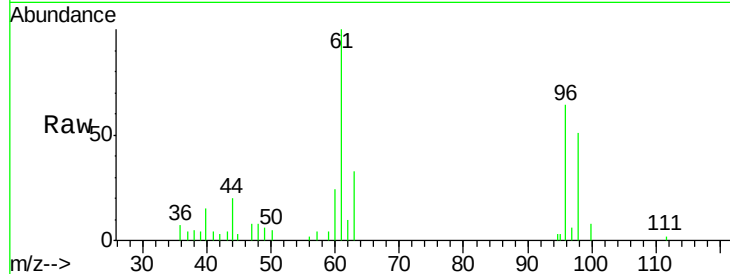
Tot Ion: 96 Resp: 5954

Ion Ratio Lower Upper

96 100

61 156.0 96.0 178.4

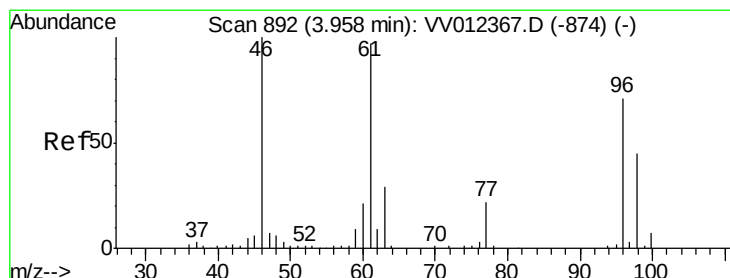
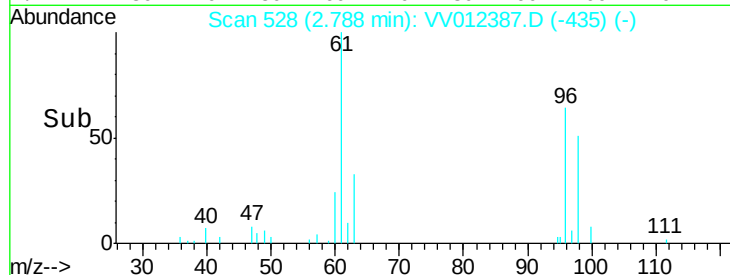
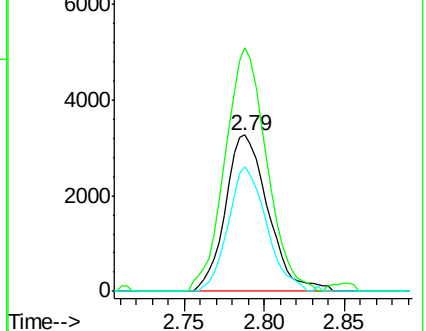
98 79.8 42.1 78.3#



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: 6.178 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV012387.D

Acq: 24 Aug 2019 01:58

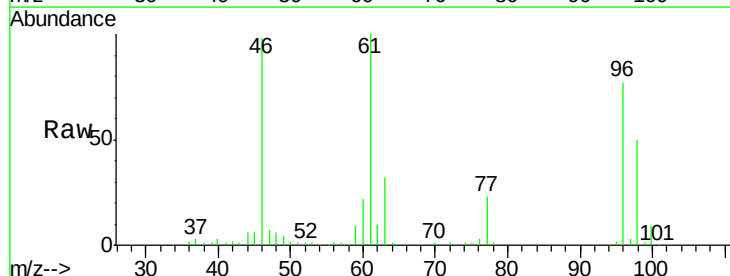
Tgt Ion: 96 Resp: 95192

Ion Ratio Lower Upper

96 100

61 130.6 89.4 166.0

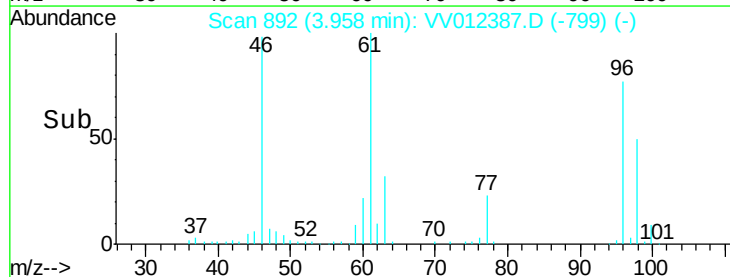
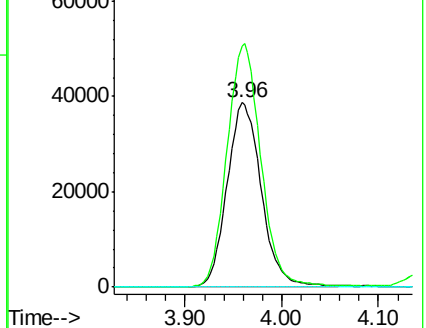
68 0.0 0.0 0.0

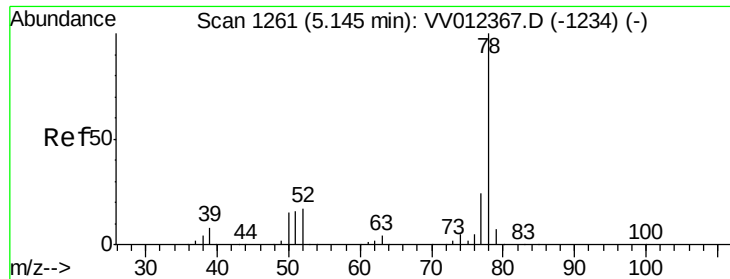


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

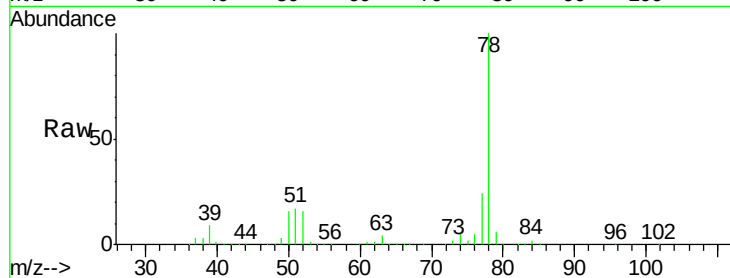




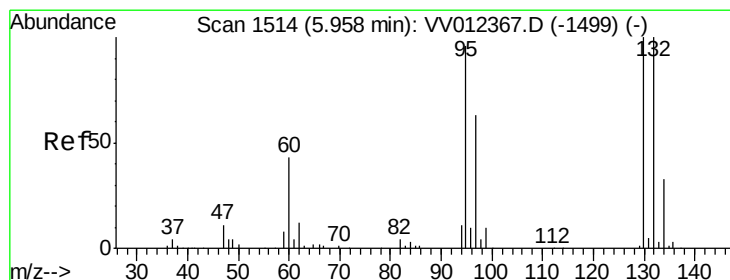
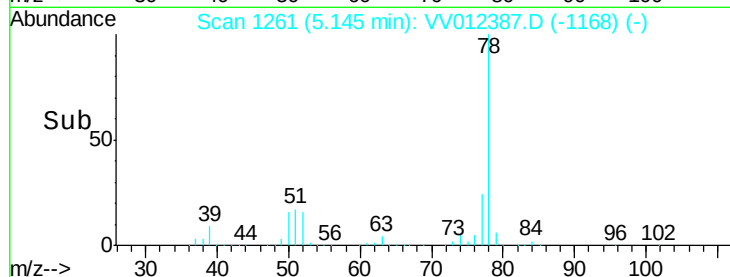
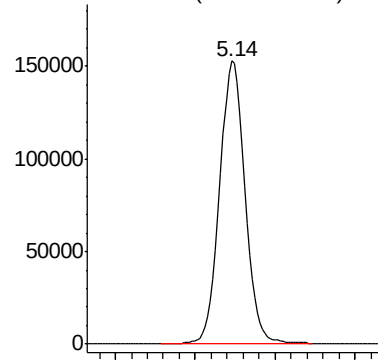
#33
Benzene
Concen: 5.634 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012387.D
Acq: 24 Aug 2019 01:58

Instrument :
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Tgt Ion: 78 Resp: 330185



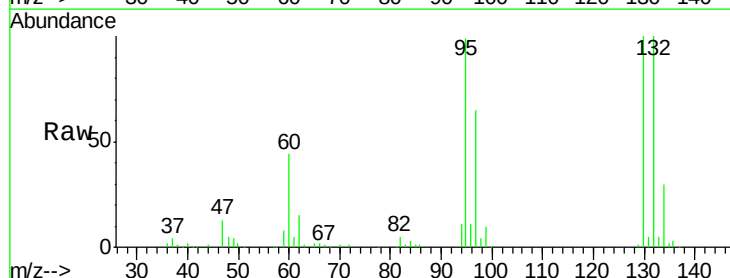
Abundance Ion 78.10 (77.80 to 78.80): VV0



#34
Trichloroethene
Concen: 6.508 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012387.D
Acq: 24 Aug 2019 01:58

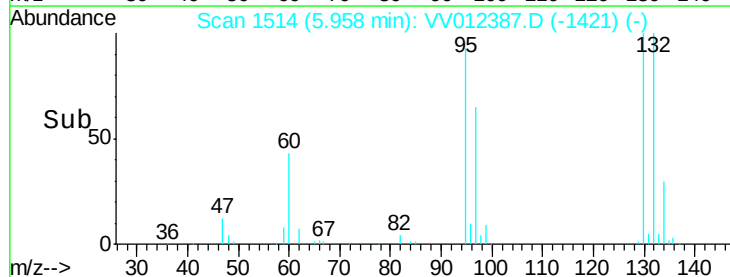
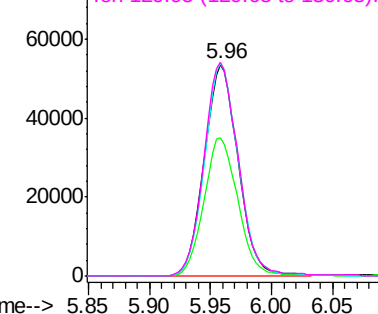
Tgt Ion: 95 Resp: 102943

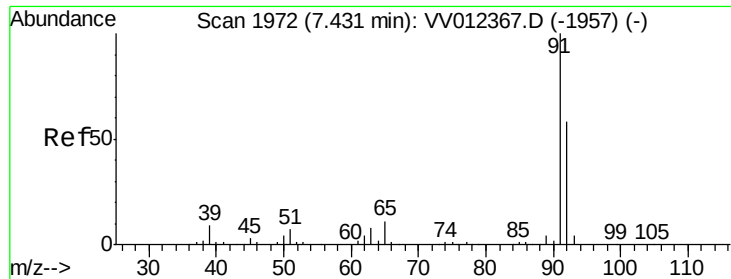
Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.3	86.1
132	100.5	70.3	130.7
130	100.8	72.4	134.5



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





#42

Toluene

Concen: 5.540 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012387.D

Acq: 24 Aug 2019 01:58

Instrument :

MSVOA_V

ClientSampleId :

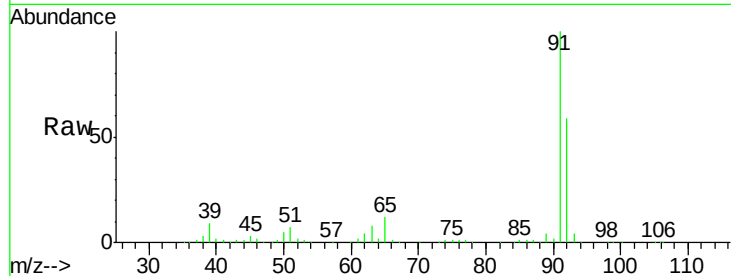
GANJ9MS

Tot Ion: 91 Resp: 331623

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV012367.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012367.D (-1957) (-)

7.43

200000

150000

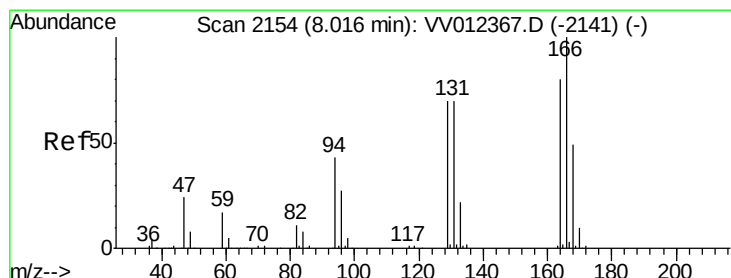
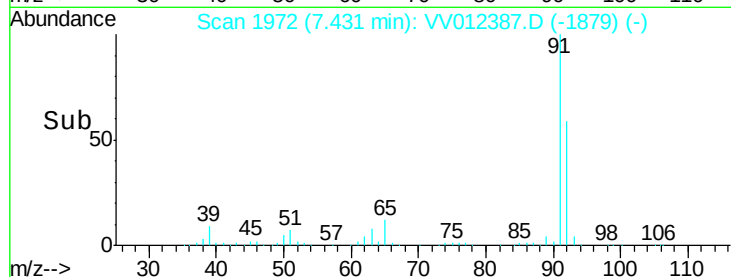
100000

50000

0

7.40 7.50

Time-->



#47

Tetrachloroethene

Concen: 1.827 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012387.D

Acq: 24 Aug 2019 01:58

Tgt Ion: 164 Resp: 23321

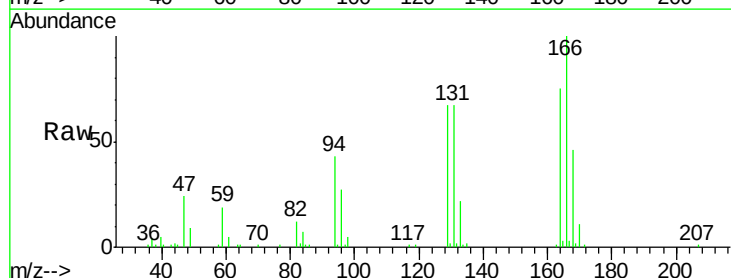
Ion Ratio Lower Upper

164 100

129 89.1 60.6 112.6

131 89.5 58.8 109.2

166 133.5 87.6 162.8



Abundance Ion 163.90 (163.60 to 164.60): VV012367.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV012367.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV012367.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV012367.D (-2141) (-)

25000

20000

15000

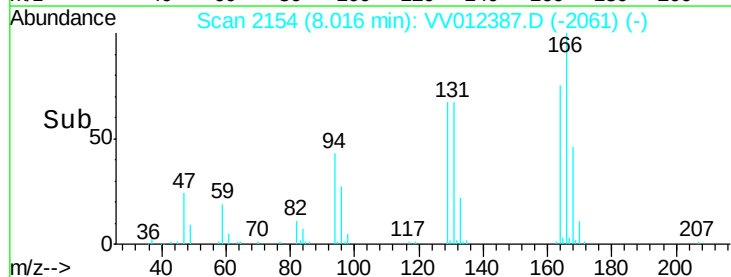
10000

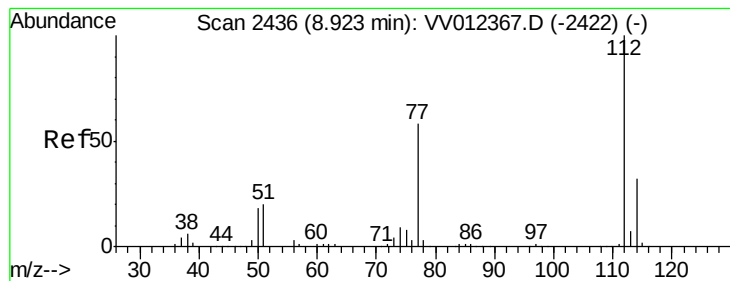
5000

0

7.95 8.00 8.05

Time-->





#51

Chlorobenzene

Concen: 5.654 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

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ClientSampleId :

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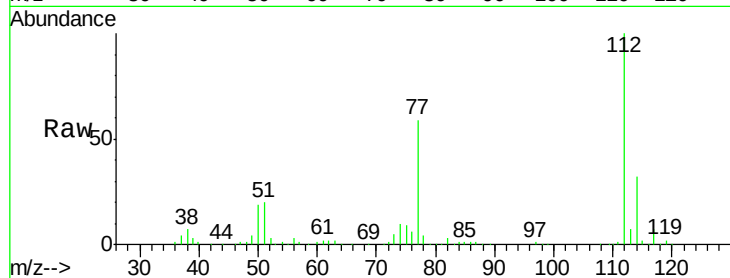
Tot Ion:112 Resp: 221143

Ion Ratio Lower Upper

112 100

114 32.4 23.0 42.6

77 59.4 46.4 69.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

