

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081318\
 Data File : VV007010.D
 Acq On : 13 Aug 2018 16:55
 Operator : SY/MD
 Sample : J4451-10MS
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4ZK1MS

Quant Time: Aug 14 06:49:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 14 05:35:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	232871	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	219715	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89274	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60553	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	57018	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.13	63	127915	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	3.97	46	227852	52.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.42%
24) Chloroform-d	4.41	84	145755	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	78317	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	263018	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	96301	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.37	98	191175	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.67	79	30882	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.15	63	112226	40.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75305	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	74813	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

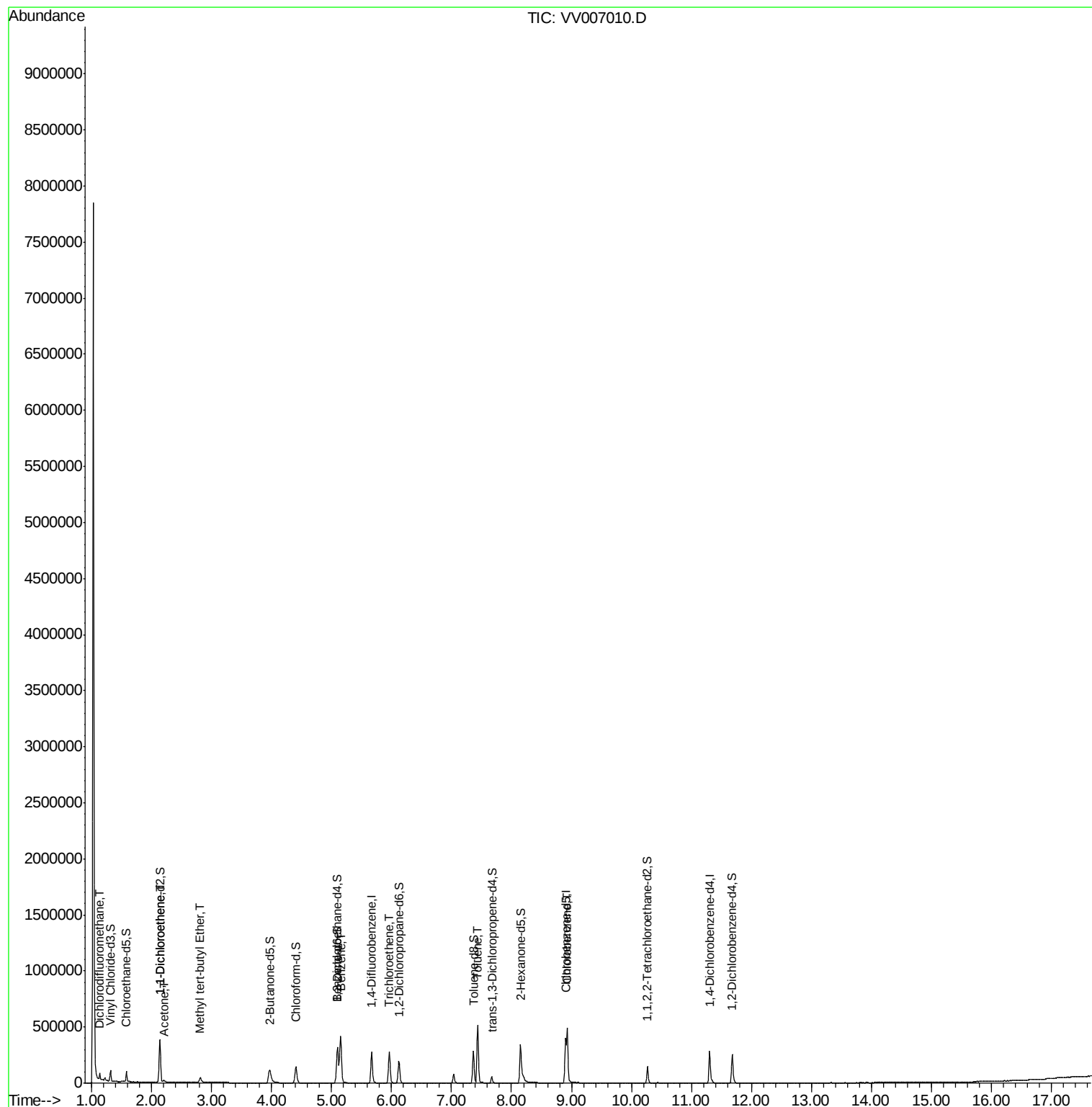
					Ovalue
2) Dichlorodifluoromethane	1.14	85	29669	1.31	ug/L 98
12) 1,1-Dichloroethene	2.14	96	89313	5.34	ug/L 85
13) Acetone	2.21	43	15099	6.78	ug/L 93
17) Methyl tert-butyl Ether	2.82	73	39409	0.98	ug/L 98
33) Benzene	5.15	78	419613	5.51	ug/L 100
34) Trichloroethene	5.96	95	98509	5.40	ug/L 97
42) Toluene	7.44	91	379680	5.19	ug/L 99
51) Chlorobenzene	8.93	112	255690	5.48	ug/L 99

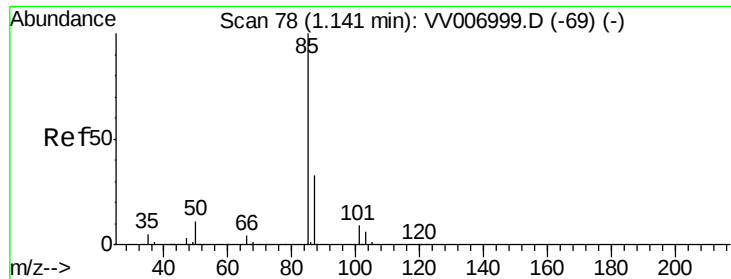
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.31 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV007010.D

Acq: 13 Aug 2018 16:55

Instrument :

MSVOA_V

ClientSampleId :

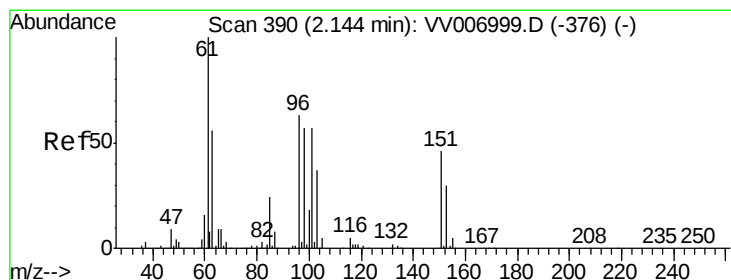
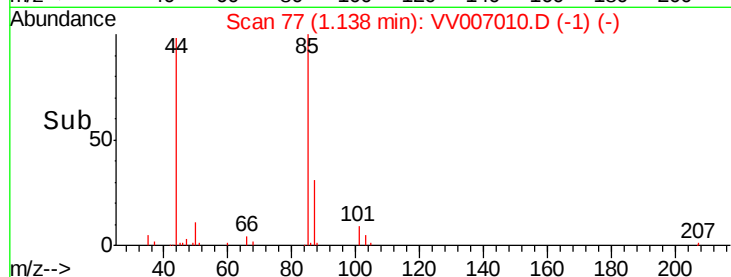
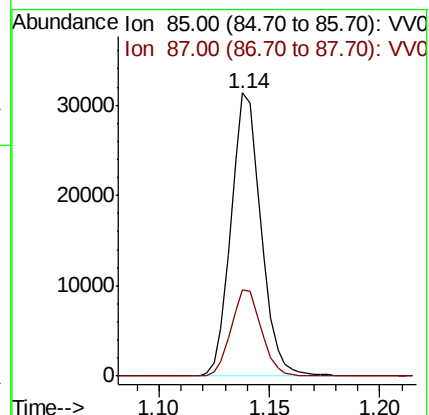
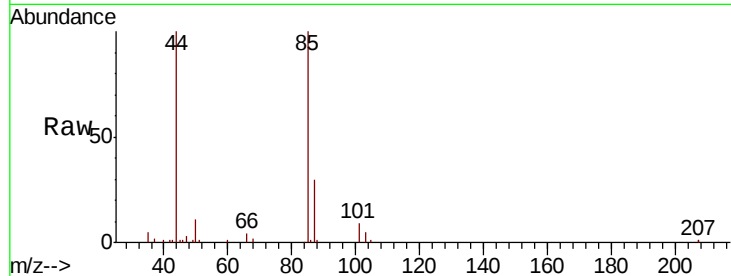
A4ZK1MS

Tot Ion: 85 Resp: 29669

Ion Ratio Lower Upper

85 100

87 30.9 25.4 38.2



#12

1,1-Dichloroethene

Concen: 5.34 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007010.D

Acq: 13 Aug 2018 16:55

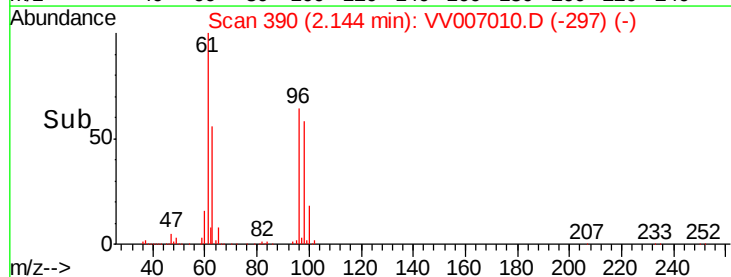
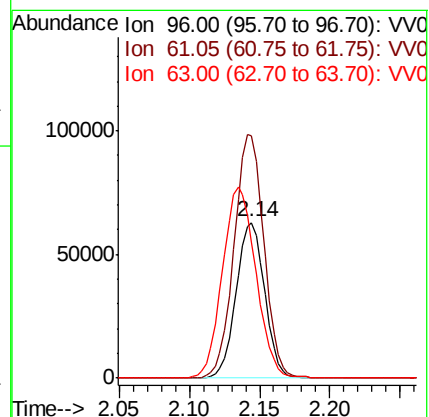
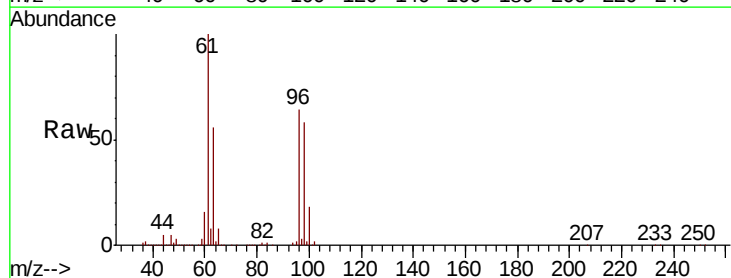
Tgt Ion: 96 Resp: 89313

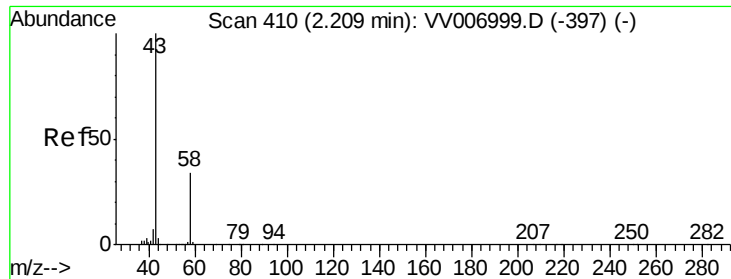
Ion Ratio Lower Upper

96 100

61 155.8 111.6 207.4

63 87.3 84.9 157.7





#13

Acetone

Concen: 6.78 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV007010.D

Acq: 13 Aug 2018 16:55

Instrument :

MSVOA_V

ClientSampleId :

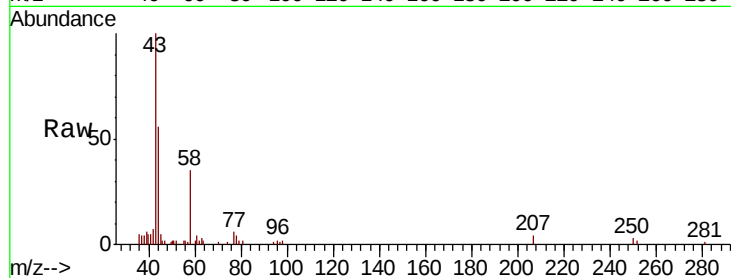
A4ZK1MS

Tot Ion: 43 Resp: 15099

Ion Ratio Lower Upper

43 100

58 39.7 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006999.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV006999.D (-397) (-)

2.21

8000

6000

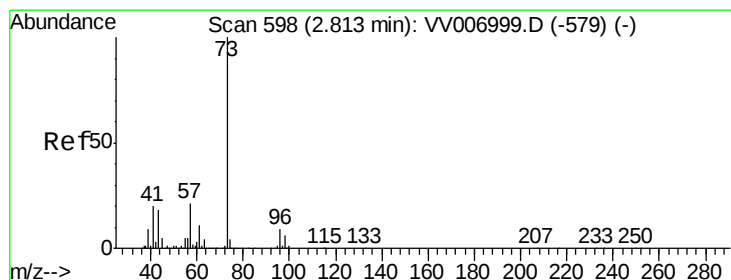
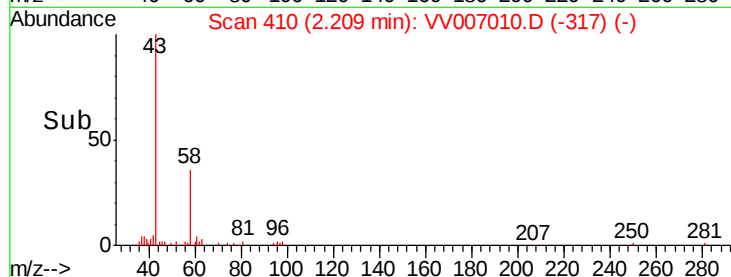
4000

2000

0

Time-->

2.15 2.20 2.25



#17

Methyl tert-butyl Ether

Concen: 0.98 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV007010.D

Acq: 13 Aug 2018 16:55

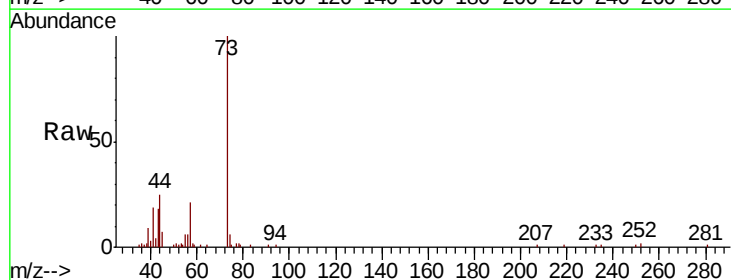
Tgt Ion: 73 Resp: 39409

Ion Ratio Lower Upper

73 100

43 16.4 14.4 21.6

57 23.0 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VV006999.D (-579) (-)

Ion 43.05 (42.75 to 43.75): VV006999.D (-579) (-)

Ion 57.10 (56.80 to 57.80): VV006999.D (-579) (-)

25000

20000

15000

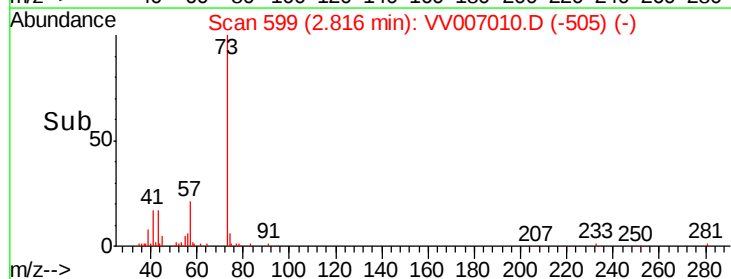
10000

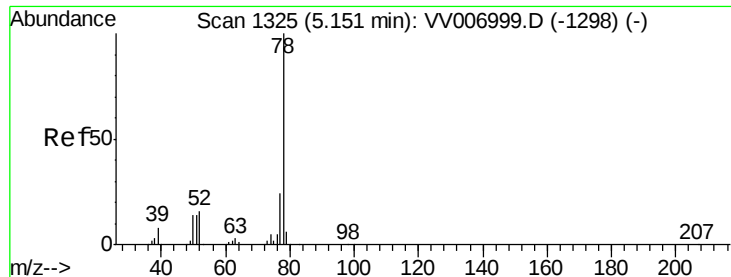
5000

0

Time-->

2.75 2.80 2.85 2.90





#33

Benzene

Concen: 5.51 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV007010.D

Acq: 13 Aug 2018 16:55

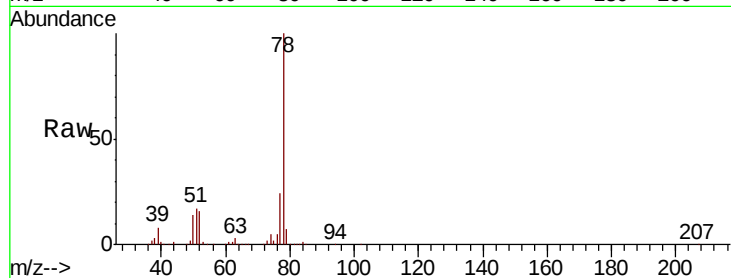
Instrument :

MSVOA_V

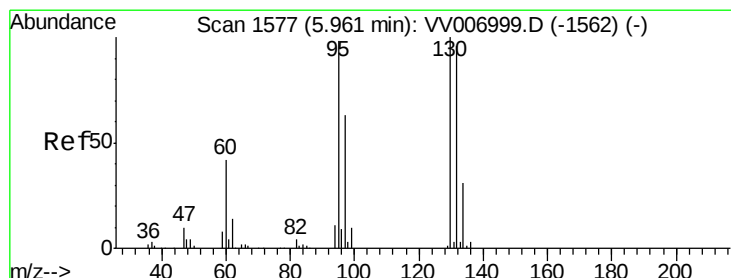
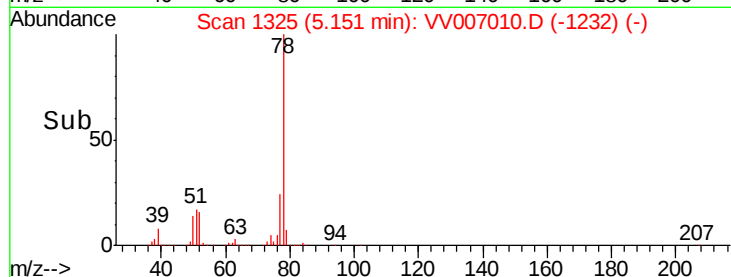
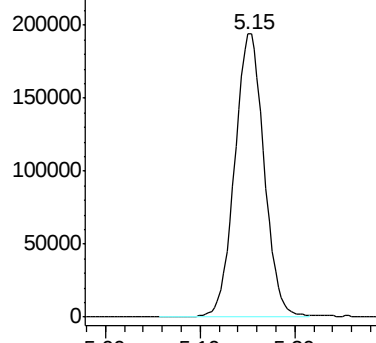
ClientSampleId :

A4ZK1MS

Tgt Ion: 78 Resp: 419613



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.40 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007010.D

Acq: 13 Aug 2018 16:55

Tgt Ion: 95 Resp: 98509

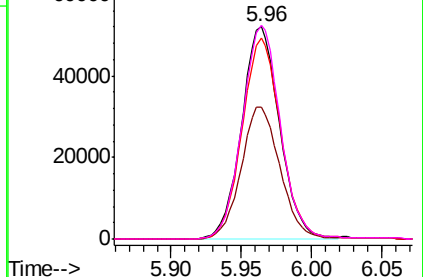
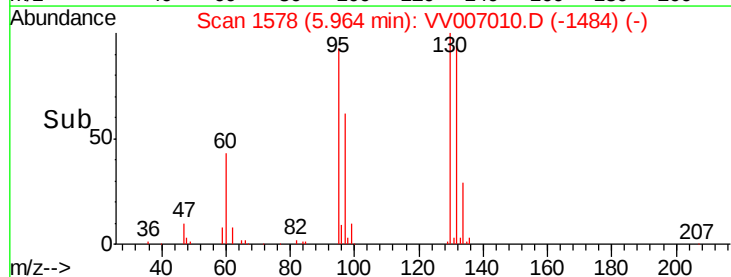
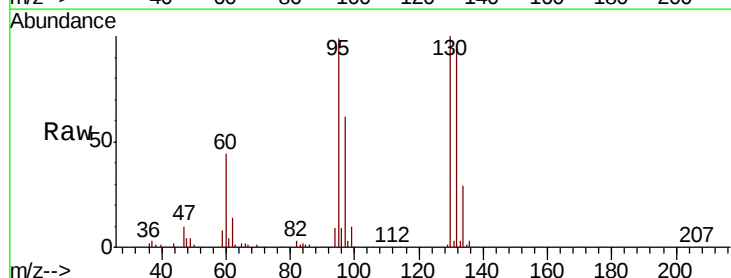
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.8	83.2
132	95.0	65.5	121.6
130	100.7	66.4	123.4

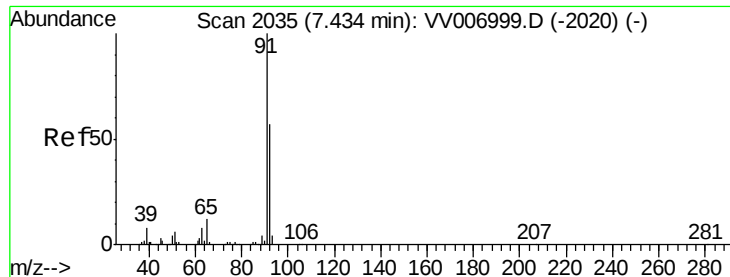
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#42

Toluene

Concen: 5.19 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007010.D

Acq: 13 Aug 2018 16:55

Instrument :

MSVOA_V

ClientSampleId :

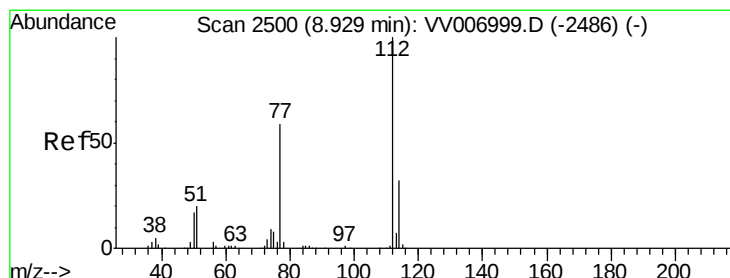
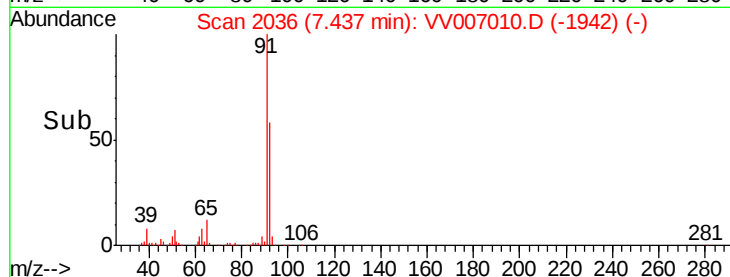
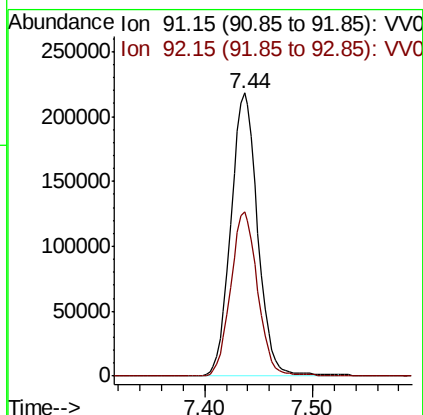
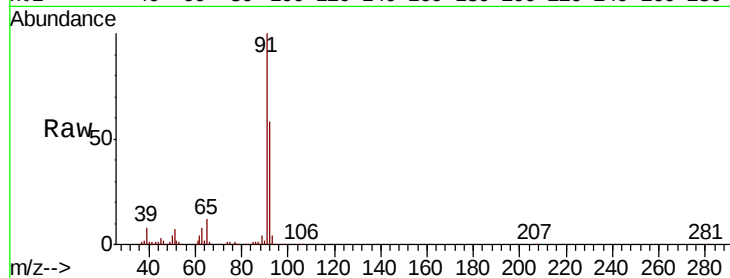
A4ZK1MS

Tot Ion: 91 Resp: 379680

Ion Ratio Lower Upper

91 100

92 58.2 40.2 74.6



#51

Chlorobenzene

Concen: 5.48 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV007010.D

Acq: 13 Aug 2018 16:55

Tgt Ion: 112 Resp: 255690

Ion Ratio Lower Upper

112 100

114 31.6 21.8 40.6

77 60.5 48.0 72.0

