

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081318\
 Data File : VV007011.D
 Acq On : 13 Aug 2018 17:21
 Operator : SY/MD
 Sample : J4451-11MSD
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 05:37:33 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	247129	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60251	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.58	69	57881	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.13	63	129124	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	3.97	46	234972	51.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	4.41	84	153226	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	80099	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	274312	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	101377	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	199070	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.67	79	32282	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.15	63	112319	37.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78711	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	76552	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

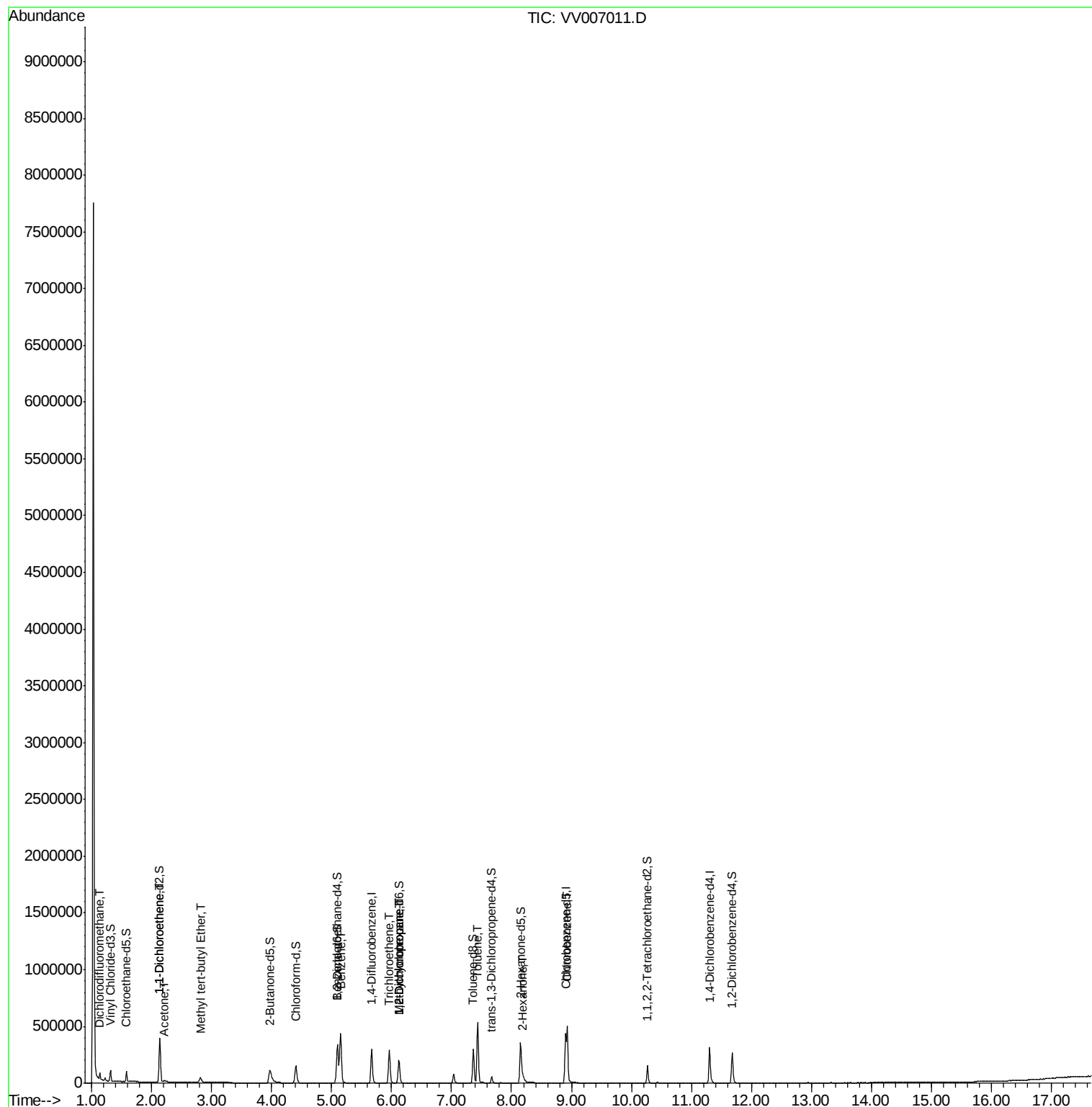
					Ovalue
2) Dichlorodifluoromethane	1.14	85	30384	1.262	ug/L 99
12) 1,1-Dichloroethene	2.14	96	91389	5.150	ug/L 92
13) Acetone	2.22	43	14021	5.936	ug/L 98
17) Methyl tert-butyl Ether	2.82	73	40062	0.942	ug/L 99
33) Benzene	5.15	78	433258	5.257	ug/L 100
34) Trichloroethene	5.96	95	101074	5.115	ug/L 94
35) Methylcyclohexane	6.12	83	23211	0.732	ug/L # 16
37) 1,2-Dichloropropane	6.12	63	9851	0.437	ug/L # 88
42) Toluene	7.44	91	389567	4.919	ug/L 99
48) 2-Hexanone	8.20	43	22323	2.598	ug/L # 86
51) Chlorobenzene	8.93	112	258884	5.129	ug/L 98

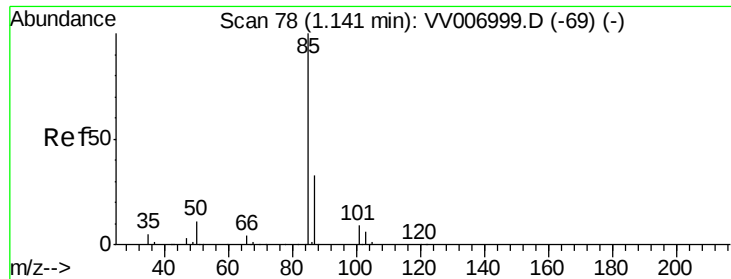
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.262 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV007011.D

Acq: 13 Aug 2018 17:21

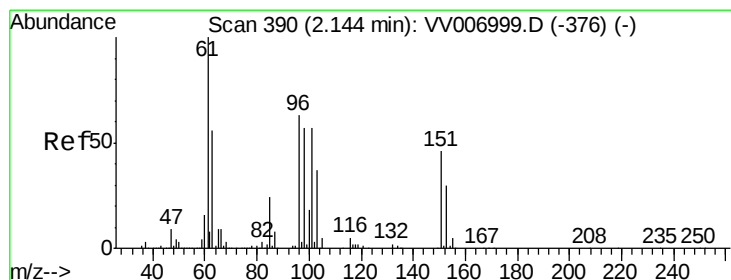
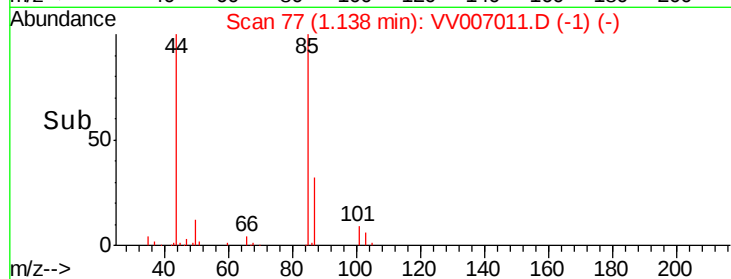
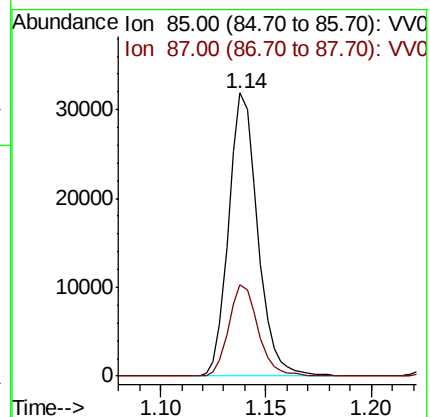
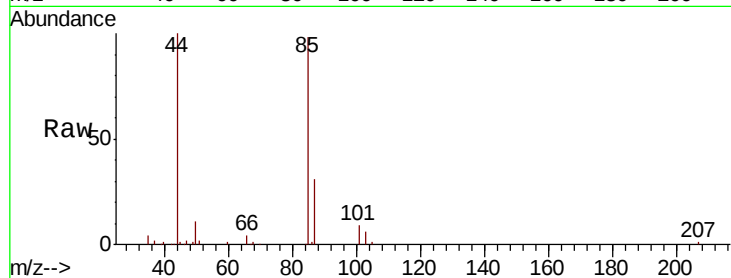
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 30384

Ion Ratio Lower Upper

85 100

87 32.6 25.4 38.2



#12

1,1-Dichloroethene

Concen: 5.150 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007011.D

Acq: 13 Aug 2018 17:21

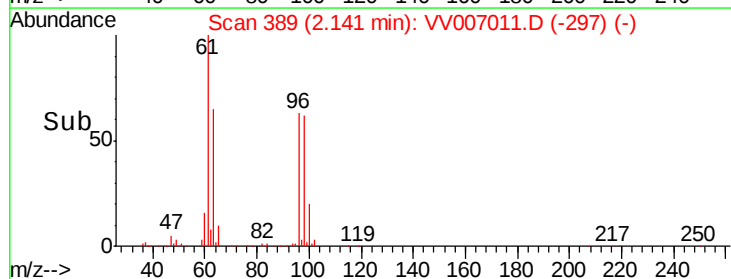
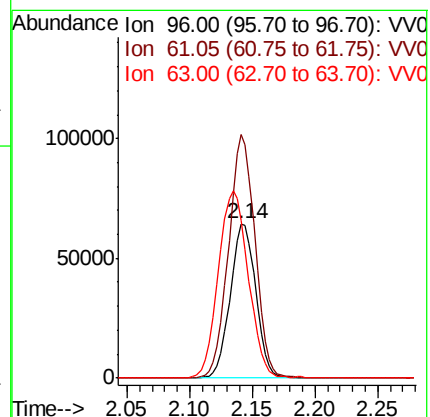
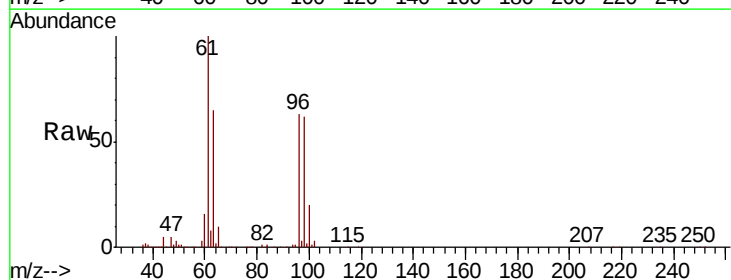
Tgt Ion: 96 Resp: 91389

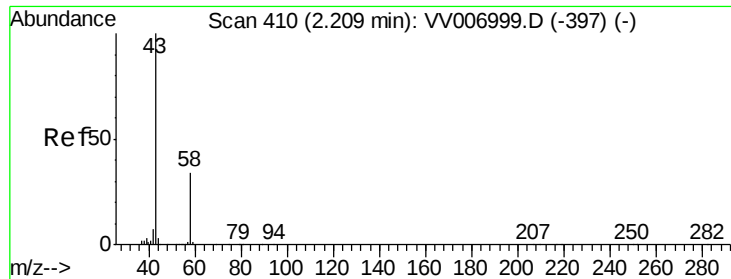
Ion Ratio Lower Upper

96 100

61 157.9 111.6 207.4

63 102.5 84.9 157.7





#13

Acetone

Concen: 5.936 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.01 min

Lab File: VV007011.D

Acq: 13 Aug 2018 17:21

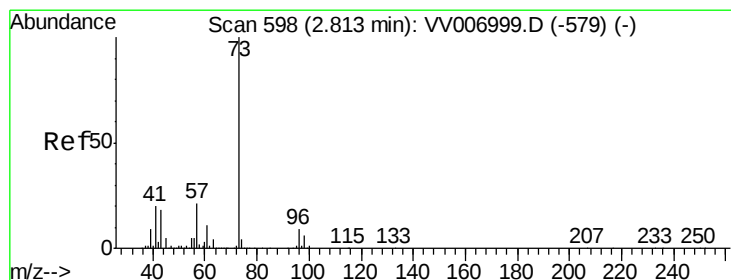
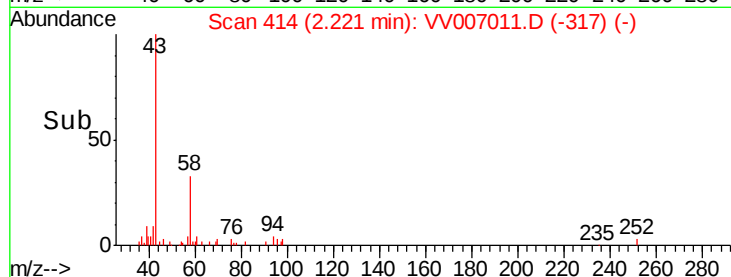
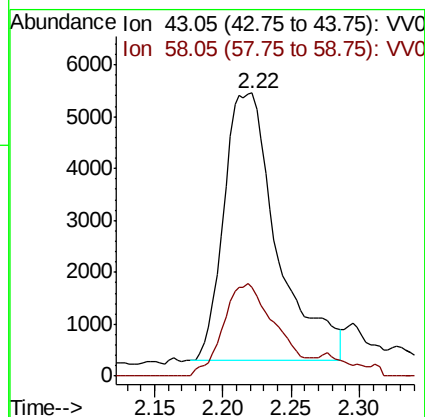
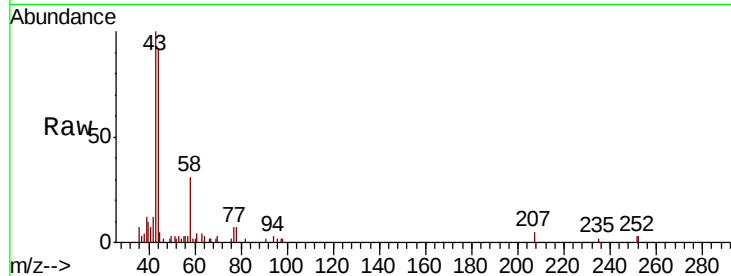
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14021

Ion Ratio Lower Upper

43 100

58 34.6 0.0 71.4



#17

Methyl tert-butyl Ether

Concen: 0.942 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV007011.D

Acq: 13 Aug 2018 17:21

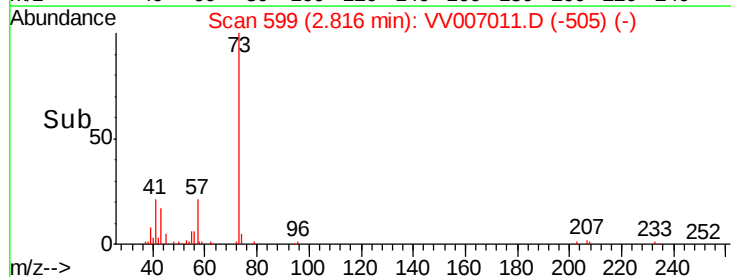
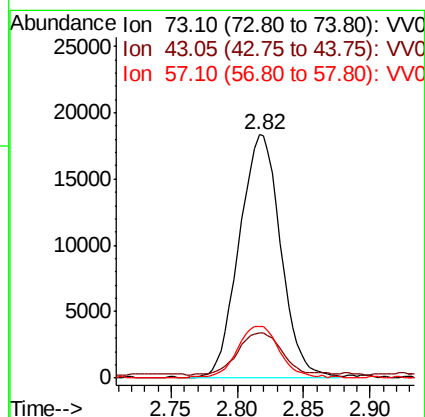
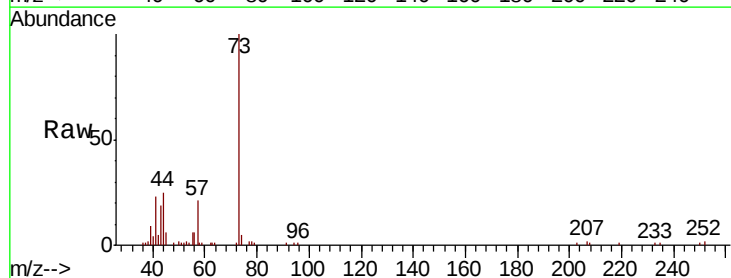
Tgt Ion: 73 Resp: 40062

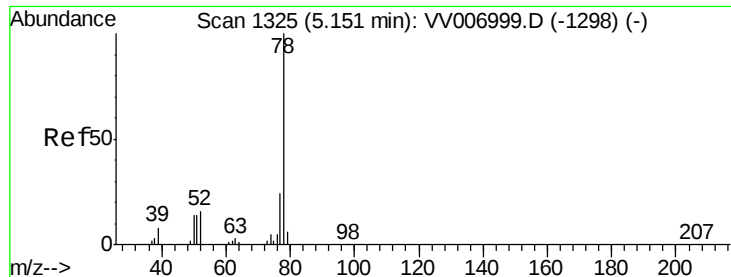
Ion Ratio Lower Upper

73 100

43 18.0 14.4 21.6

57 21.8 17.9 26.9

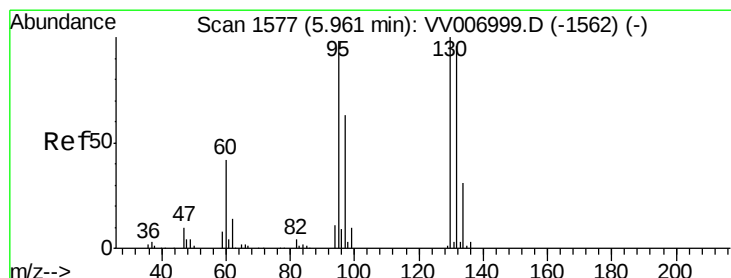
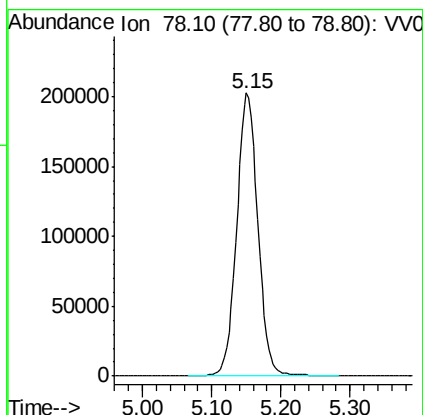
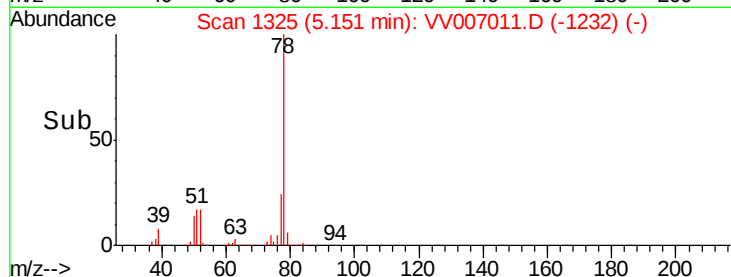
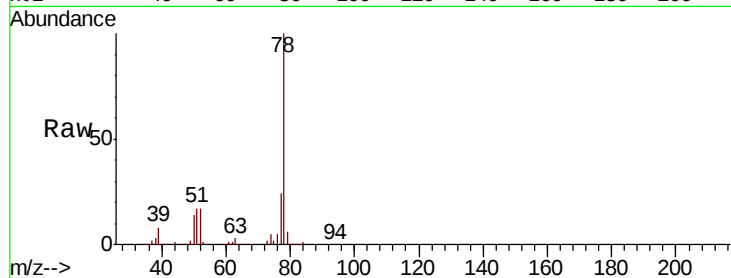




#33
Benzene
Concen: 5.257 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Instrument :
MSVOA_V
ClientSampleId :

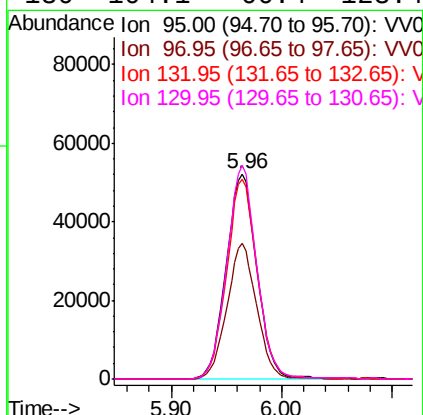
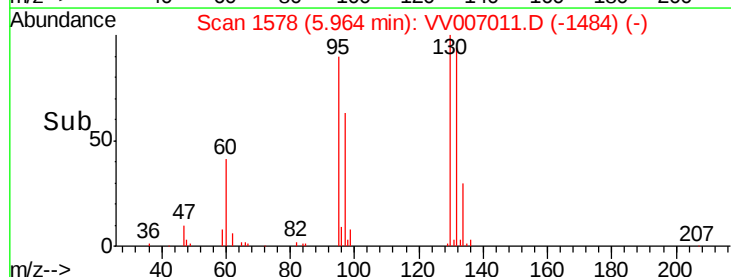
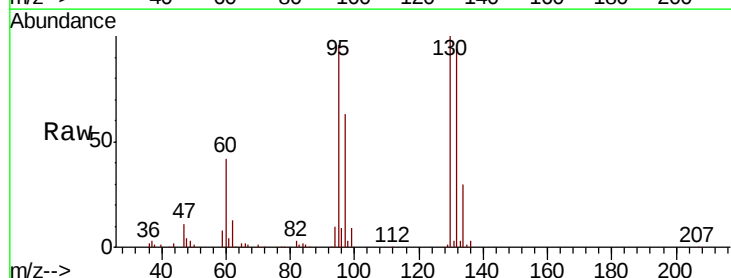
Tgt Ion: 78 Resp: 433258

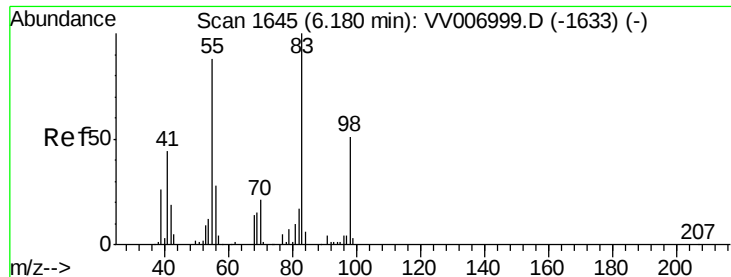


#34
Trichloroethene
Concen: 5.115 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Tgt Ion: 95 Resp: 101074

Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.8	83.2
132	97.5	65.5	121.6
130	104.1	66.4	123.4

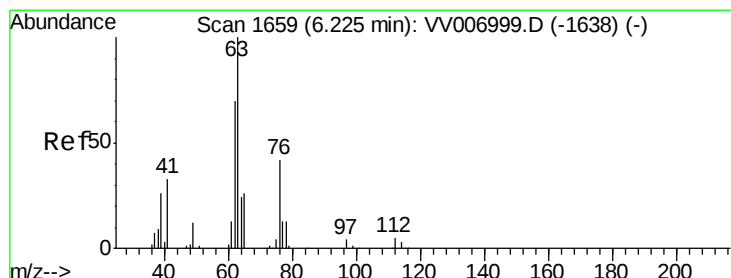
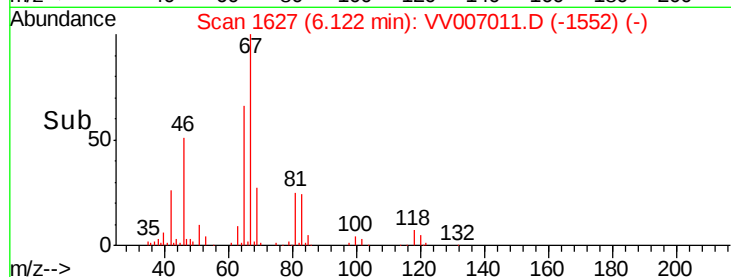
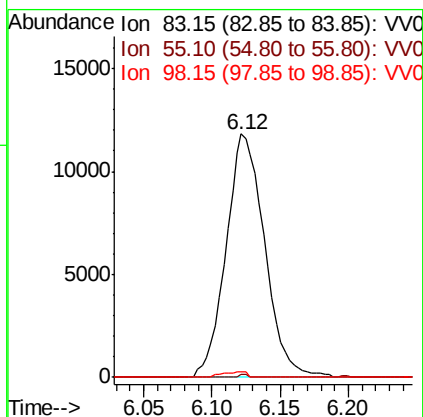
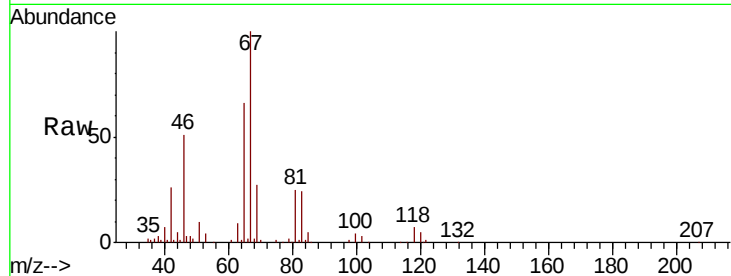




#35
Methvlcvclohexane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

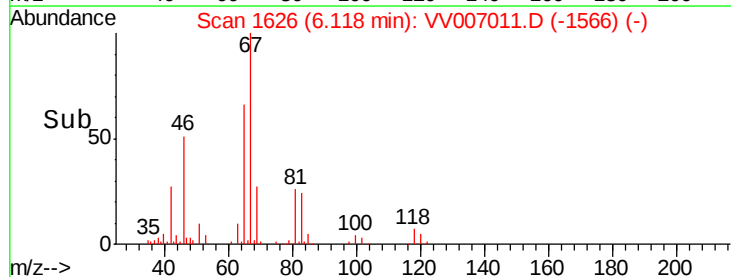
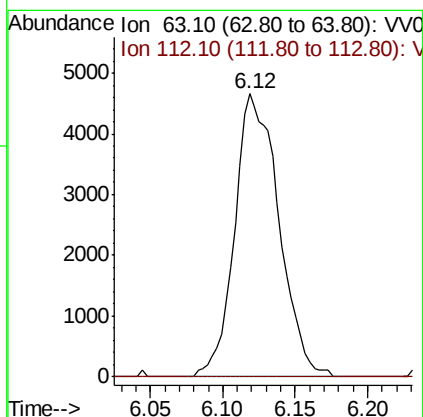
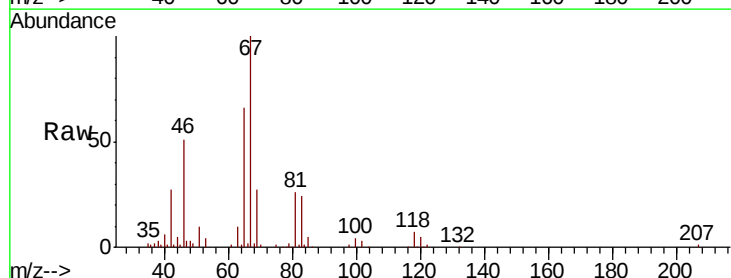
Instrument :
MSVOA_V
ClientSampleId :

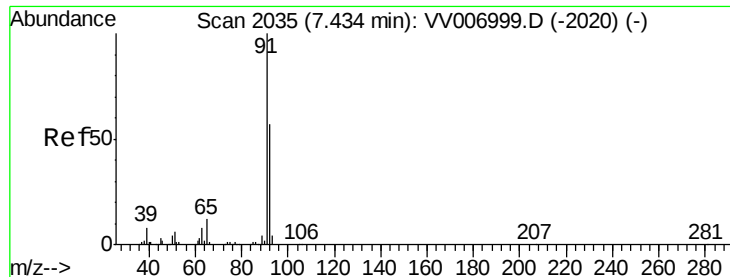
Tot Ion: 83 Resp: 23211
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 1.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.437 ug/L
RT: 6.12 min Scan# 1626
Delta R.T. -0.11 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Tgt Ion: 63 Resp: 9851
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#





#42

Toluene

Concen: 4.919 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007011.D

Acq: 13 Aug 2018 17:21

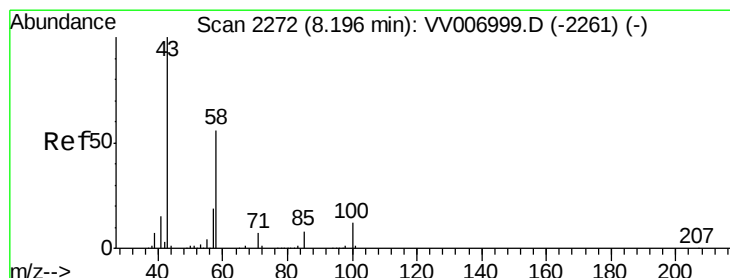
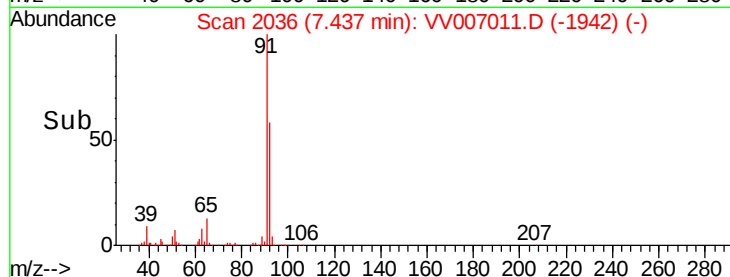
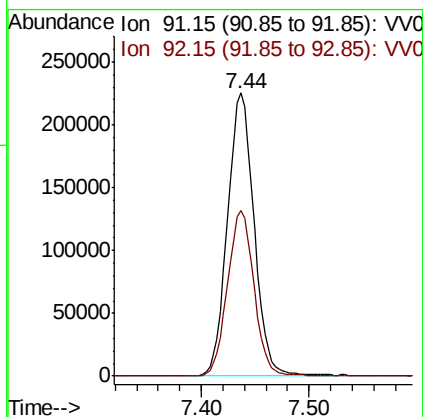
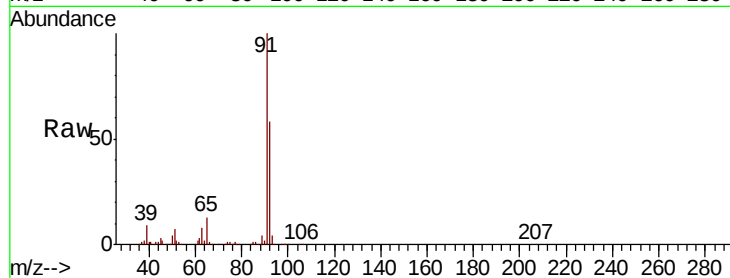
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 389567

Ion Ratio Lower Upper

91 100

92 58.3 40.2 74.6



#48

2-Hexanone

Concen: 2.598 ug/L

RT: 8.20 min Scan# 2274

Delta R.T. 0.01 min

Lab File: VV007011.D

Acq: 13 Aug 2018 17:21

Tgt Ion: 43 Resp: 22323

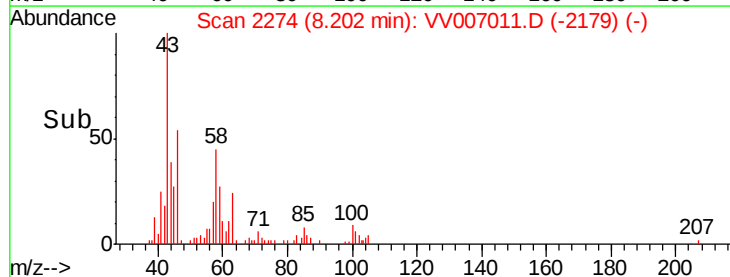
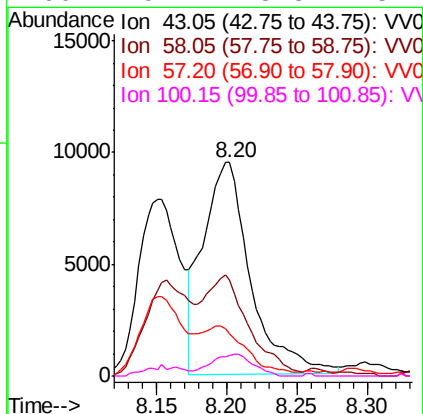
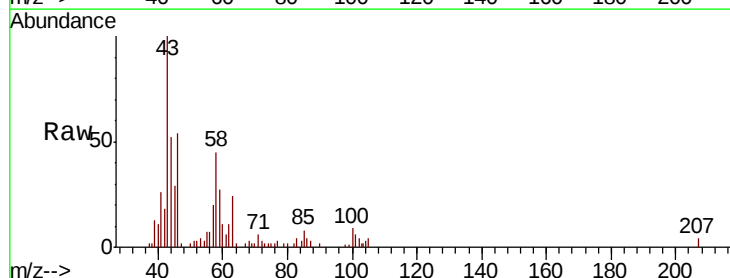
Ion Ratio Lower Upper

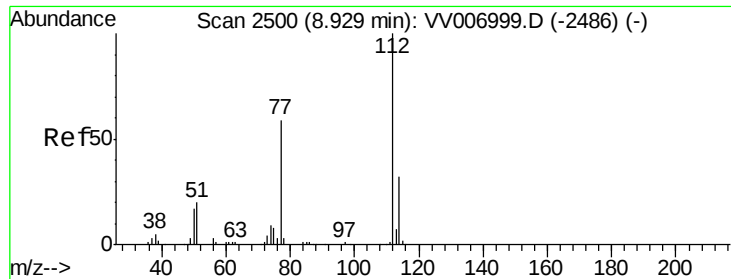
43 100

58 40.8 44.2 66.2#

57 17.3 14.8 22.2

100 9.2 8.8 13.2





#51
 Chlorobenzene
 Concen: 5.129 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: VV007011.D
 Acq: 13 Aug 2018 17:21

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
112	100			
114	32.1	21.8	40.6	
77	58.6	48.0	72.0	

