

Data File : VV008756.D
Acq On : 28 Nov 2018 23:33
Operator : SY/MD
Sample : J6096-10MSD
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4158MSD

Quant Time: Nov 29 03:29:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155902	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142769	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42237	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.59	69	30438	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.14	63	83011	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	3.96	46	120665	49.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.41	84	98479	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	50176	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	209191	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	61858	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	181594	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.67	79	18801	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.14	63	77344	44.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38016	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	62210	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

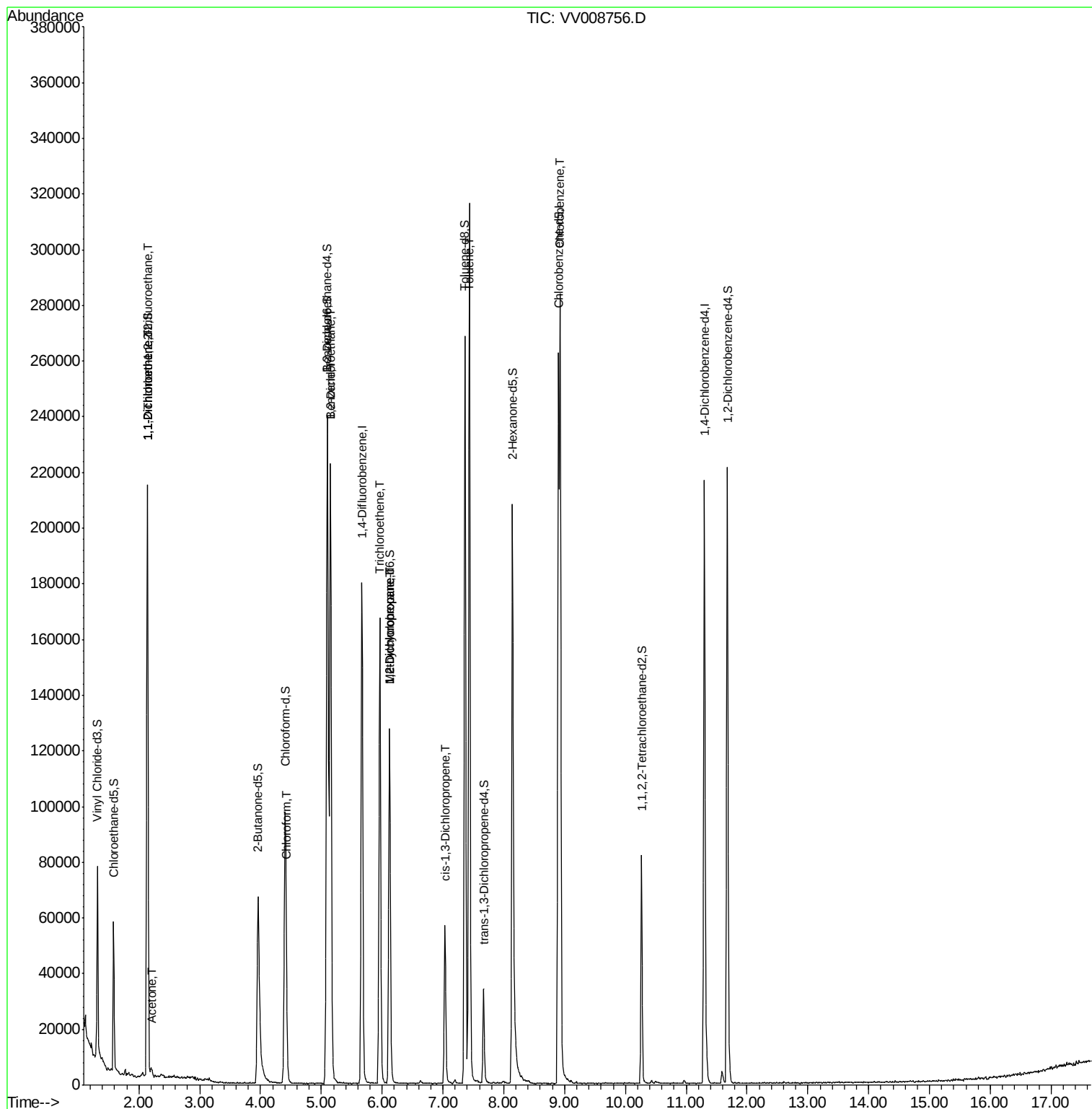
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	740	0.085	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	40260	5.172	ug/L	96
13) Acetone	2.21	43	3898	3.246	ug/L	91
25) Chloroform	4.43	83	5725	0.286	ug/L	91
27) 1,2-Dichloroethane	5.15	62	1778	0.156	ug/L #	77
33) Benzene	5.15	78	222108	5.161	ug/L	100
34) Trichloroethene	5.96	95	58105	4.902	ug/L	97
35) Methylcyclohexane	6.12	83	15064	0.798	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6613	0.615	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1513	0.106	ug/L #	45
42) Toluene	7.43	91	234372	5.265	ug/L	98
51) Chlorobenzene	8.93	112	149974	4.646	ug/L	99

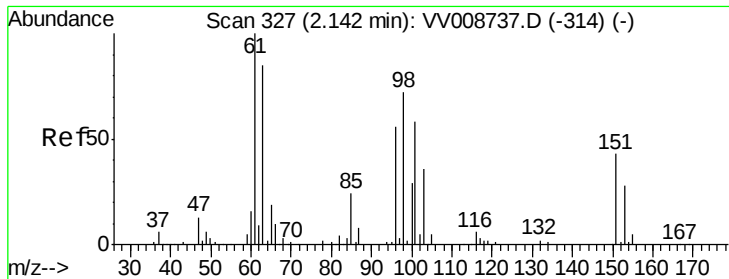
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.085 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

Instrument :

MSVOA_V

ClientSampleId :

A4158MSD

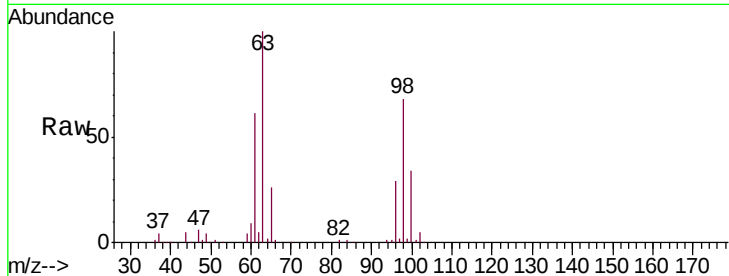
Tgt Ion:101 Resp: 740

Ion Ratio Lower Upper

101 100

85 3.2 34.8 52.2#

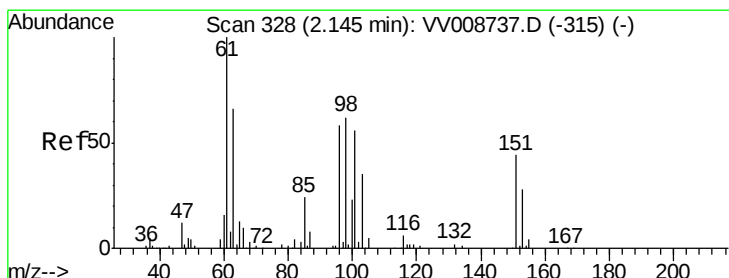
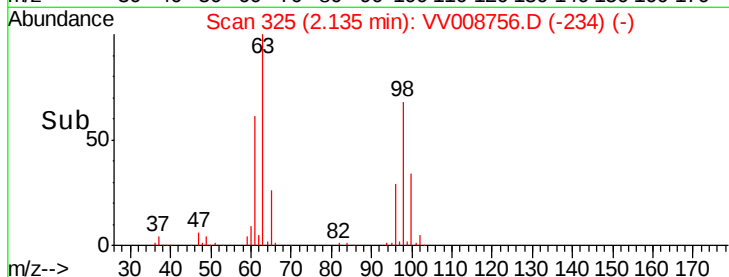
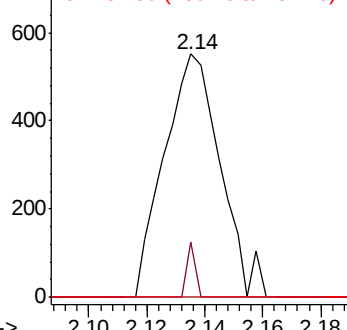
151 0.0 62.6 94.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.172 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

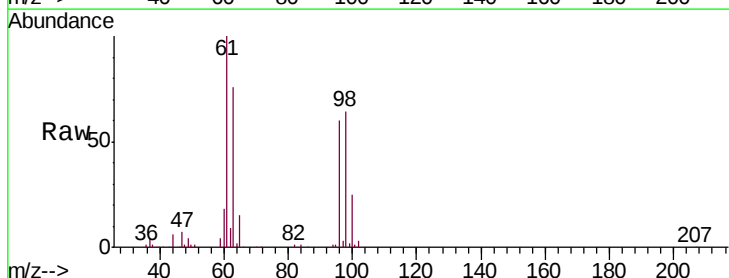
Tgt Ion: 96 Resp: 40260

Ion Ratio Lower Upper

96 100

61 167.0 118.0 219.2

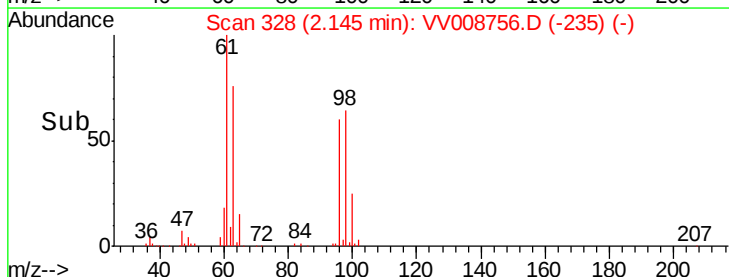
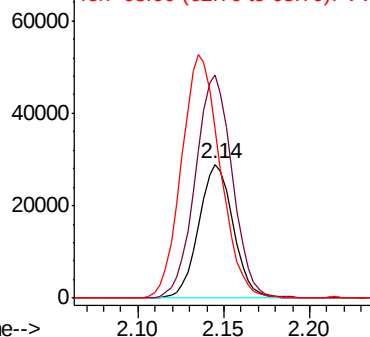
63 126.7 95.3 177.1

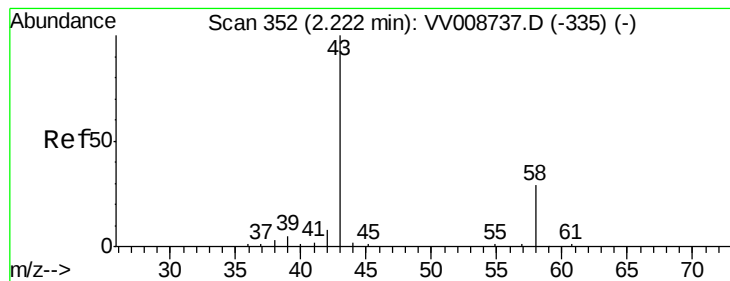


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.246 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

Instrument :

MSVOA_V

ClientSampleId :

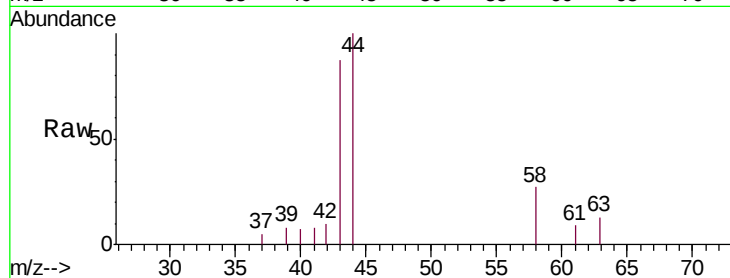
A4158MSD

Tgt Ion: 43 Resp: 3898

Ion Ratio Lower Upper

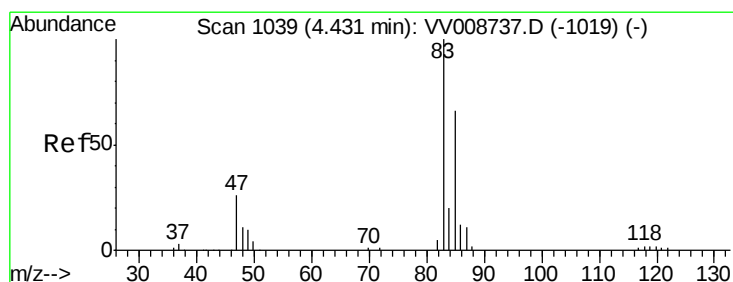
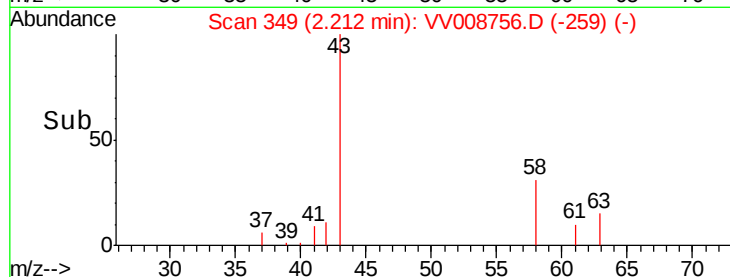
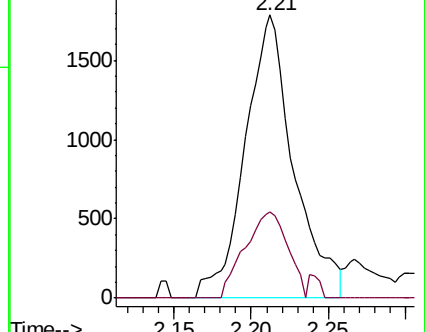
43 100

58 26.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV008737.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008737.D (-335) (-)



#25

Chloroform

Concen: 0.286 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV008756.D

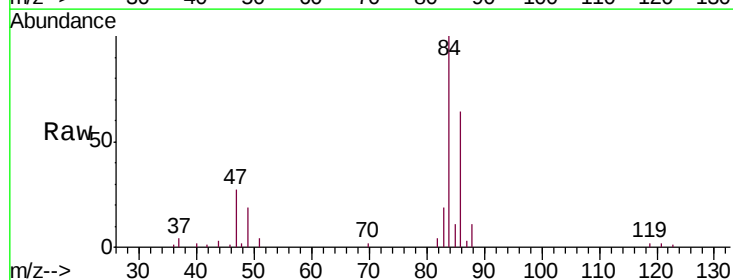
Acq: 28 Nov 2018 23:33

Tgt Ion: 83 Resp: 5725

Ion Ratio Lower Upper

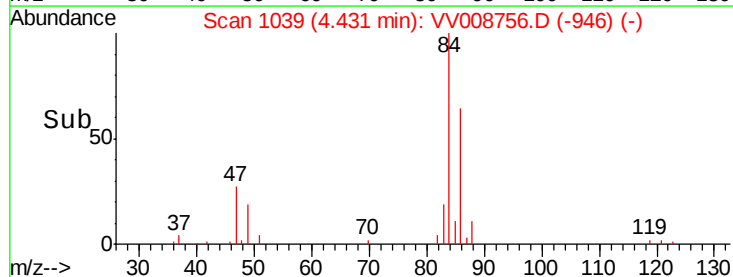
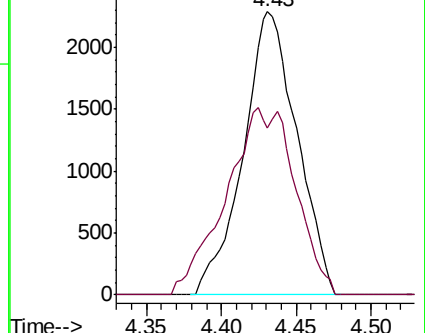
83 100

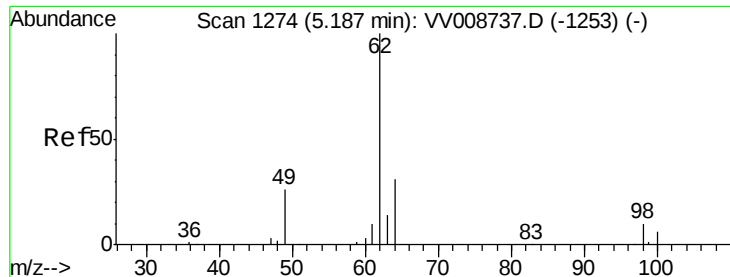
85 59.0 46.4 86.2



Abundance Ion 83.05 (82.75 to 83.75): VV008737.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV008737.D (-1019) (-)





#27

1,2-Dichloroethane

Concen: 0.156 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. -0.04 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

Instrument :

MSVOA_V

ClientSampleId :

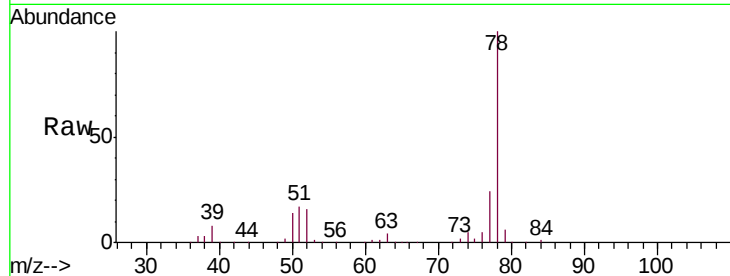
A4158MSD

Tgt Ion: 62 Resp: 1778

Ion Ratio Lower Upper

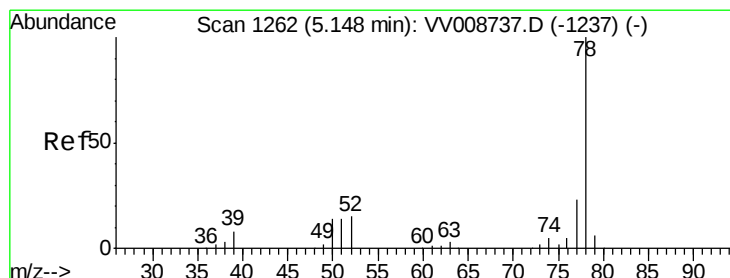
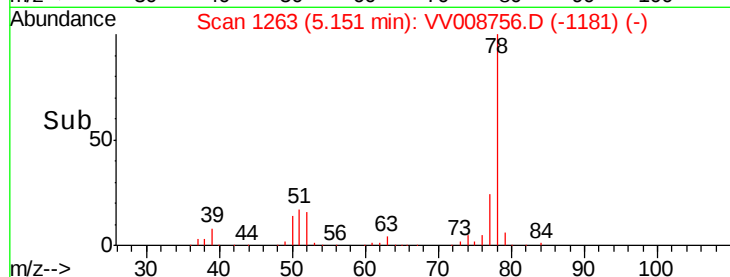
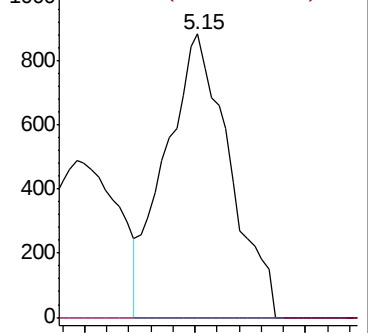
62 100

98 0.0 6.6 9.8#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#33

Benzene

Concen: 5.161 ug/L

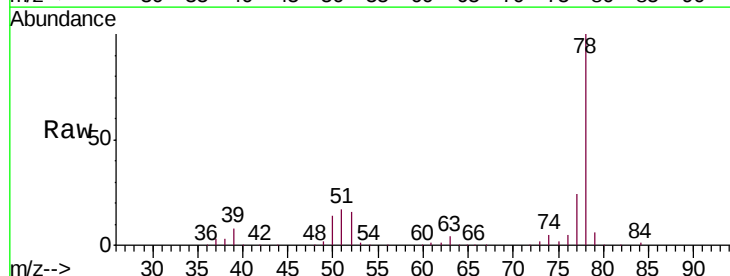
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

Tgt Ion: 78 Resp: 222108



Abundance Ion 78.10 (77.80 to 78.80): VV0

120000

100000

80000

60000

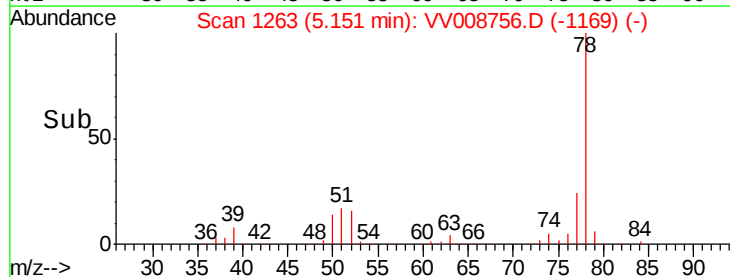
40000

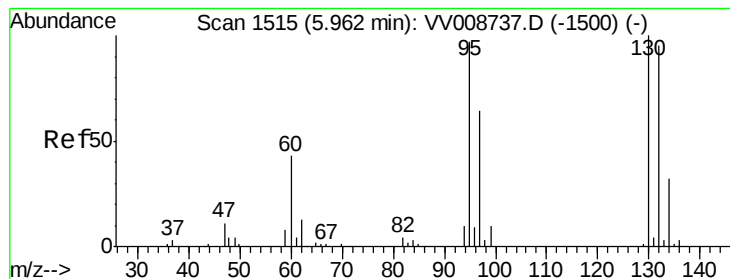
20000

0

5.00 5.10 5.20

Time-->





#34

Trichloroethene

Concen: 4.902 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

Instrument :

MSVOA_V

ClientSampleId :

A4158MSD

Tgt Ion: 95 Resp: 58105

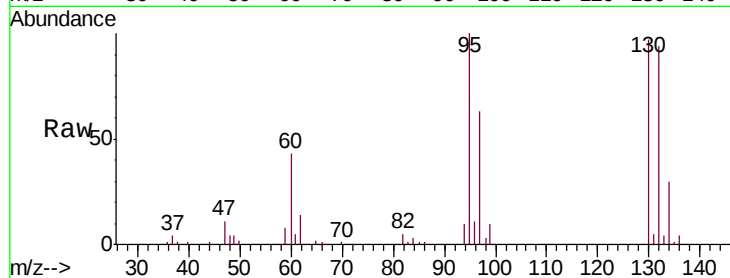
Ion Ratio Lower Upper

95 100

97 62.7 45.1 83.9

132 94.3 68.0 126.4

130 97.0 70.4 130.8

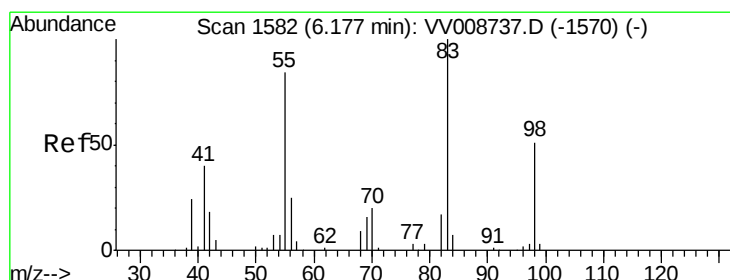
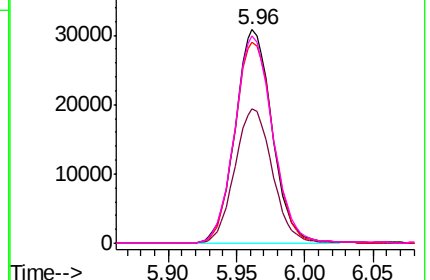
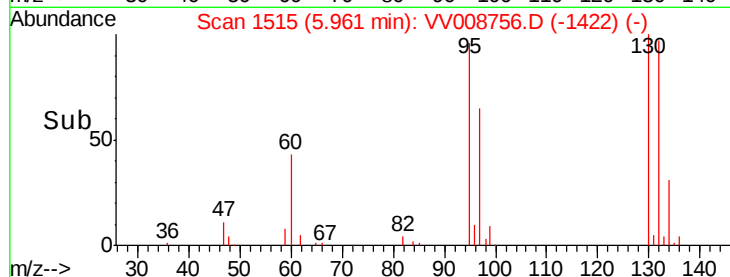


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.798 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

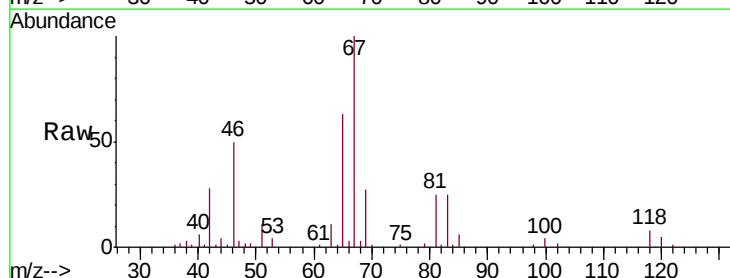
Tgt Ion: 83 Resp: 15064

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

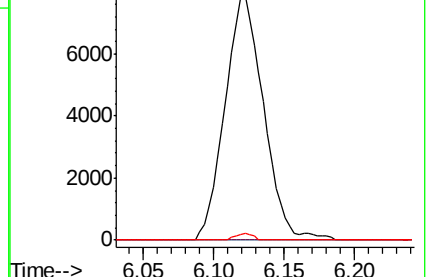
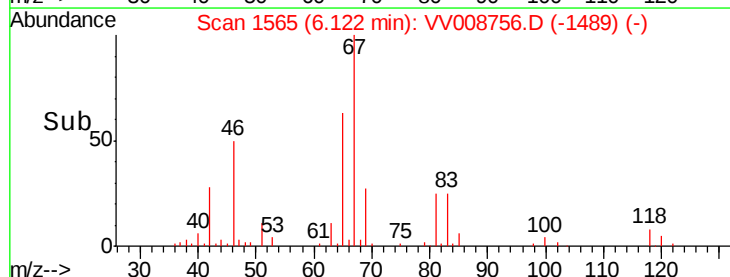
98 1.3 37.1 55.7#

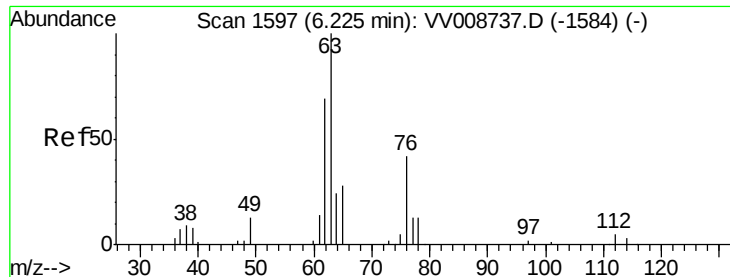


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

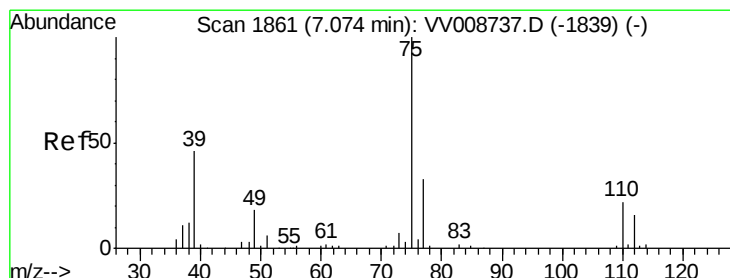
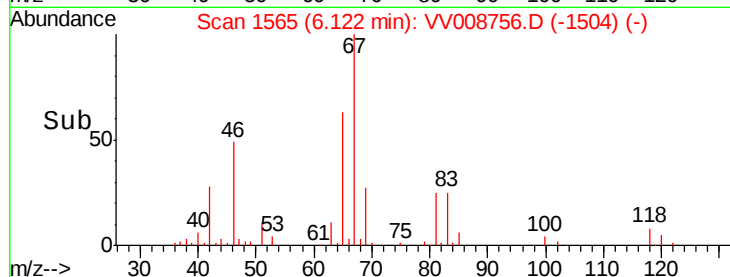
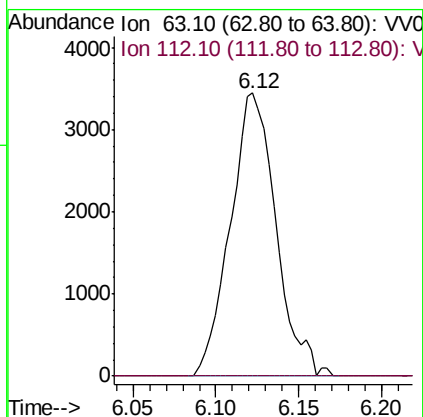
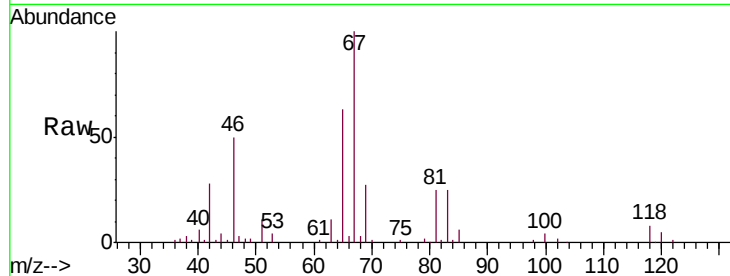




#37
 1,2-Dichloropropane
 Concen: 0.615 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008756.D
 Acq: 28 Nov 2018 23:33

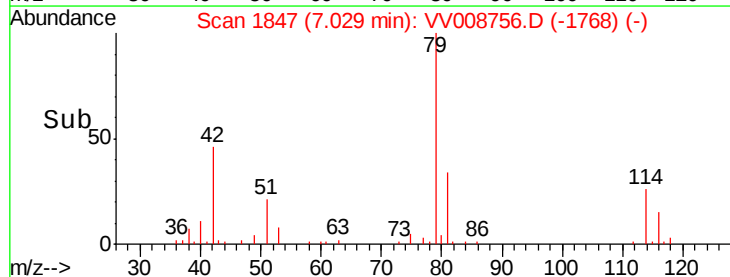
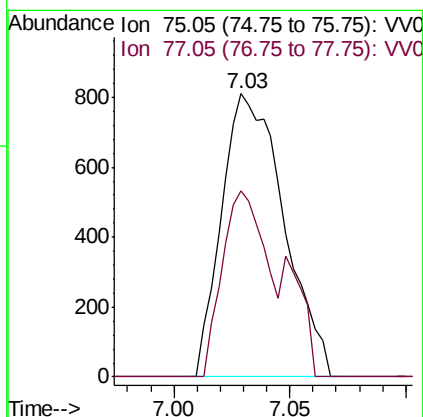
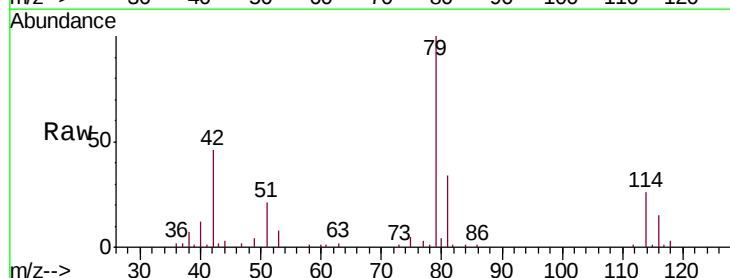
Instrument :
 MSVOA_V
 ClientSampleId :
 A4158MSD

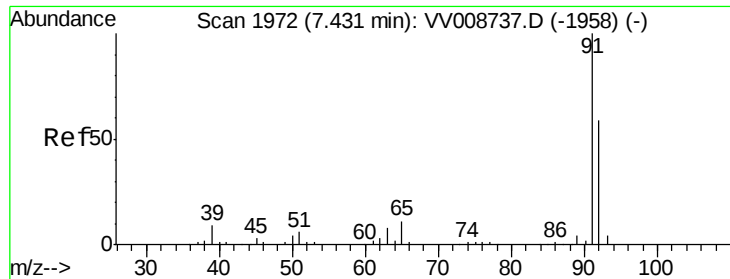
Tgt Ion: 63 Resp: 6613
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008756.D
 Acq: 28 Nov 2018 23:33

Tgt Ion: 75 Resp: 1513
 Ion Ratio Lower Upper
 75 100
 77 65.7 23.8 44.2#





#42

Toluene

Concen: 5.265 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

Instrument :

MSVOA_V

ClientSampleId :

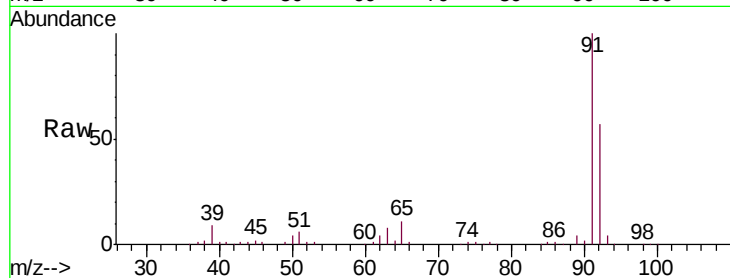
A4158MSD

Tgt Ion: 91 Resp: 234372

Ion Ratio Lower Upper

91 100

92 57.2 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VV008737.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008737.D (-1958) (-)

7.43

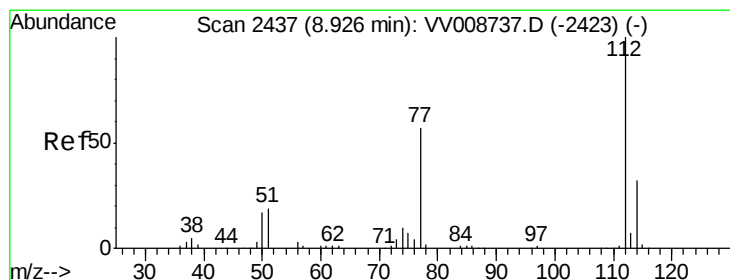
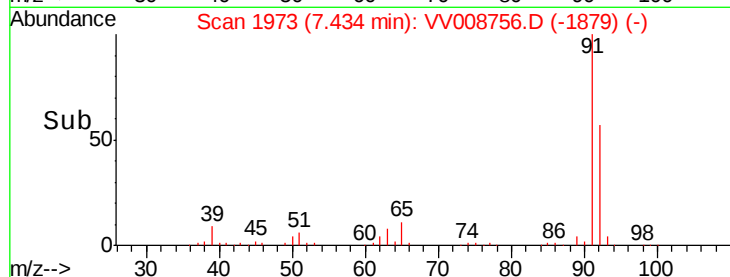
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.646 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV008756.D

Acq: 28 Nov 2018 23:33

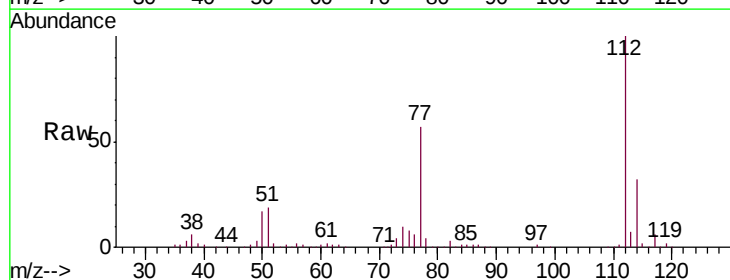
Tgt Ion: 112 Resp: 149974

Ion Ratio Lower Upper

112 100

114 31.7 21.4 39.8

77 57.5 45.8 68.8



Abundance Ion 112.10 (111.80 to 112.80): VV008737.D (-2423) (-)

Ion 114.05 (113.75 to 114.75): VV008737.D (-2423) (-)

Ion 77.10 (76.80 to 77.80): VV008737.D (-2423) (-)

8.93

120000

100000

80000

60000

40000

20000

0

Time-->

