

Data File : VV008739.D
Acq On : 28 Nov 2018 16:23
Operator : SY/MD
Sample : J6096-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4110

Quant Time: Nov 29 03:26:59 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	189865	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	172321	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41544	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.59	69	33443	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.13	63	61059	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.98	46	116413	39.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.54%
24) Chloroform-d	4.40	84	95892	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.08	65	49369	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.10	84	201106	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.12	67	61554	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.36	98	181781	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.67	79	20242	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.14	63	80669	38.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37425	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	62233	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

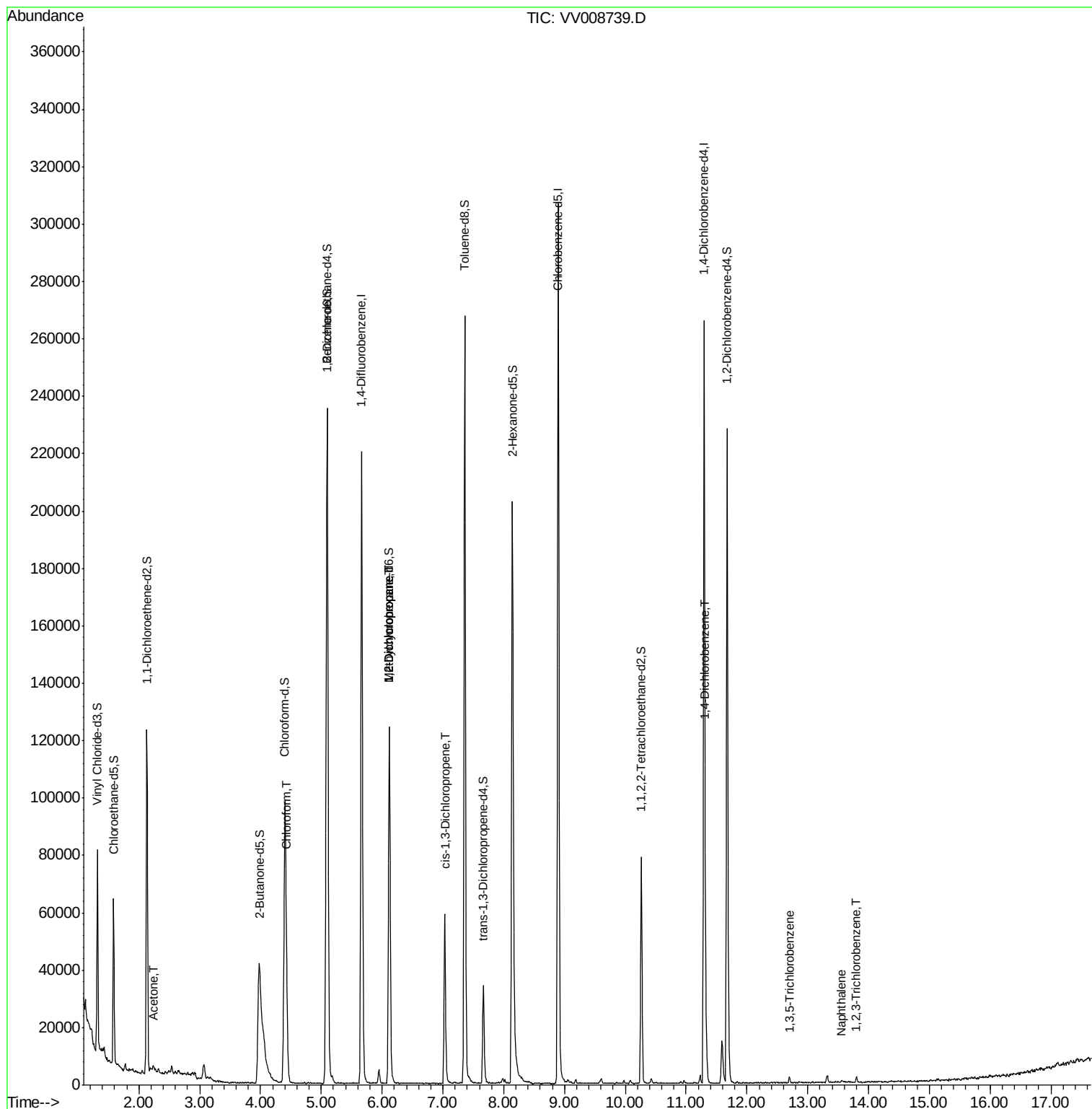
					Qvalue
13) Acetone	2.23	43	6269	4.287	ug/L 60
25) Chloroform	4.43	83	22295	0.914	ug/L 93
35) Methylcyclohexane	6.12	83	14192	0.623	ug/L # 23
37) 1,2-Dichloropropane	6.12	63	6354	0.490	ug/L # 88
39) cis-1,3-Dichloropropene	7.03	75	1957	0.113	ug/L # 58
63) 1,4-Dichlorobenzene	11.32	146	2773	0.107	ug/L 92
67) 1,3,5-Trichlorobenzene	12.69	180	821	0.047	ug/L 88
69) Naphthalene	13.56	128	1165	0.062	ug/L # 75
70) 1,2,3-Trichlorobenzene	13.80	180	710	0.061	ug/L # 69

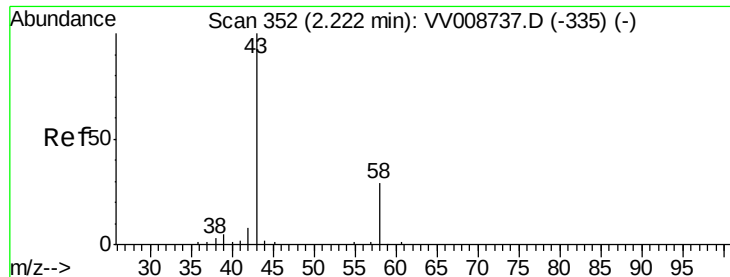
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.287 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.01 min

Lab File: VV008739.D

Acq: 28 Nov 2018 16:23

Instrument :

MSVOA_V

ClientSampleId :

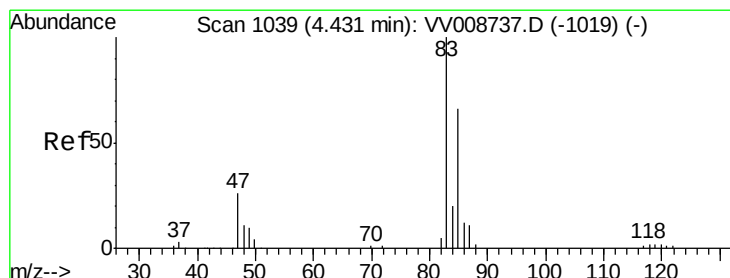
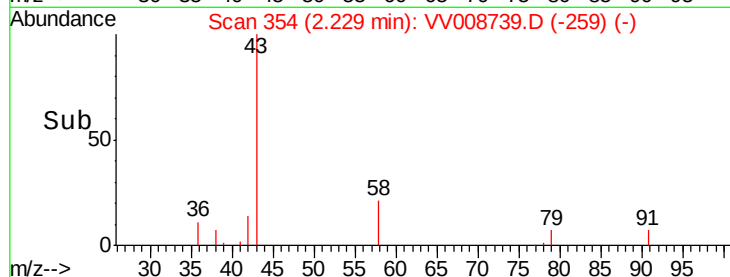
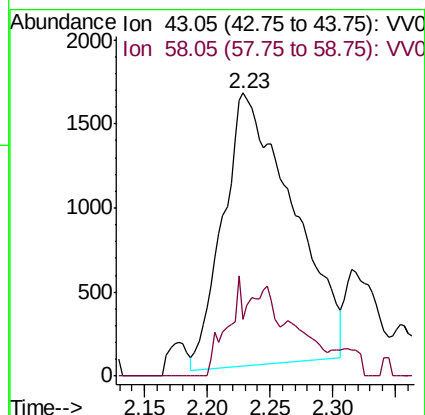
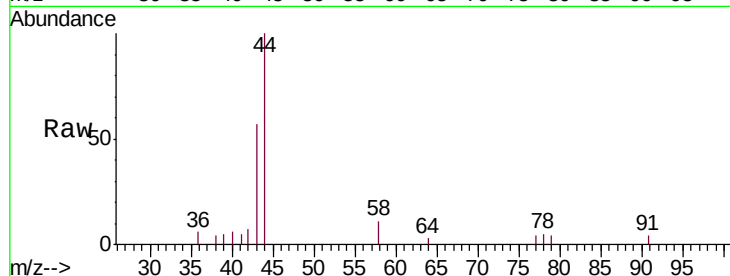
A4110

Tgt Ion: 43 Resp: 6269

Ion Ratio Lower Upper

43 100

58 9.6 0.0 63.6



#25

Chloroform

Concen: 0.914 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

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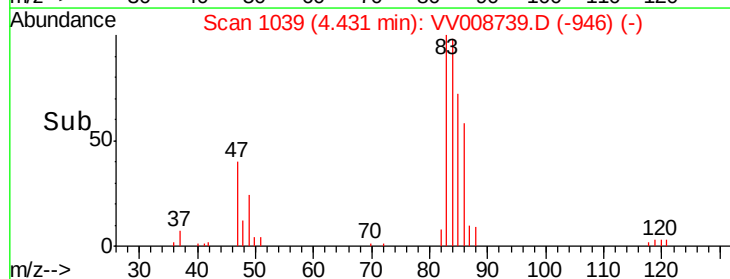
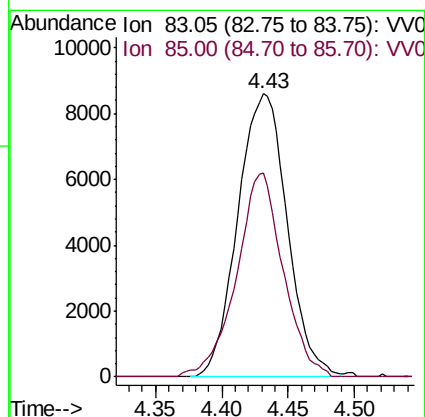
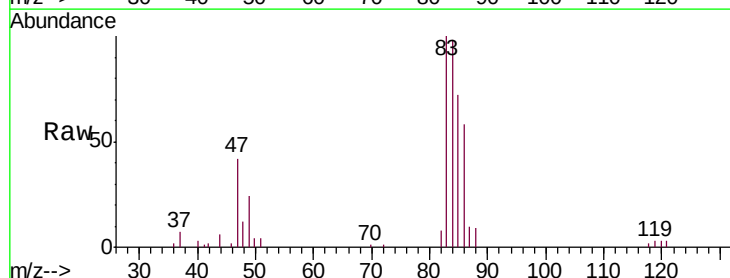
Acq: 28 Nov 2018 16:23

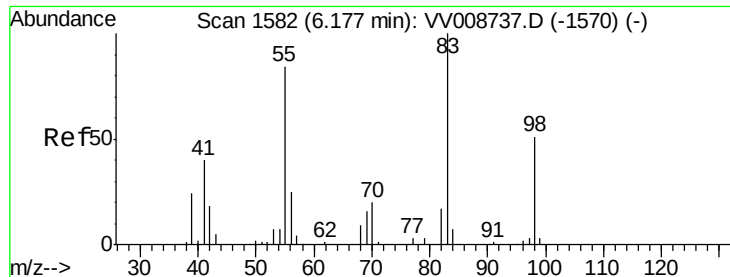
Tgt Ion: 83 Resp: 22295

Ion Ratio Lower Upper

83 100

85 72.0 46.4 86.2

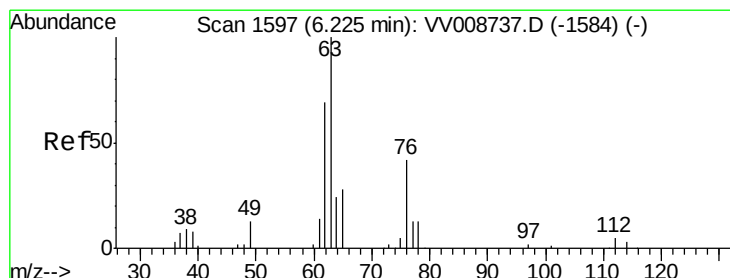
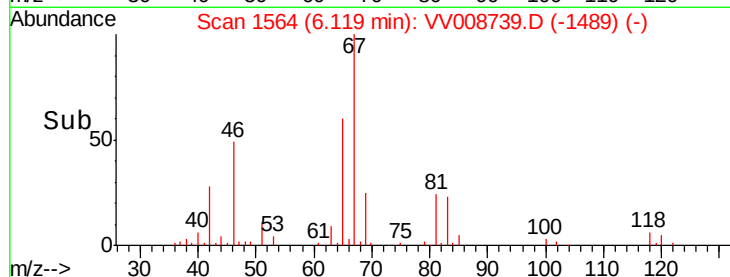
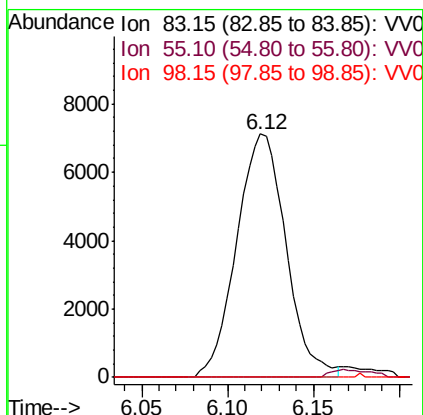
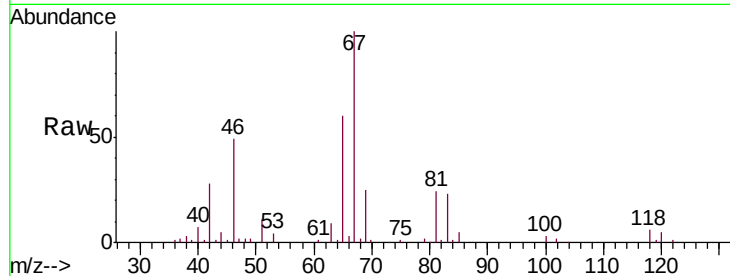




#35
Methylcyclohexane
Concen: 0.623 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008739.D
Acq: 28 Nov 2018 16:23

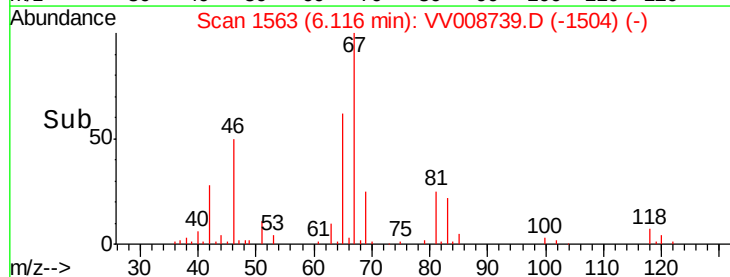
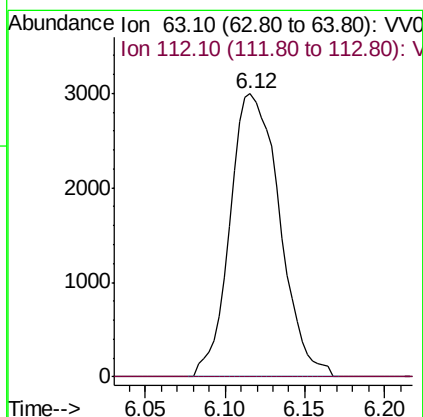
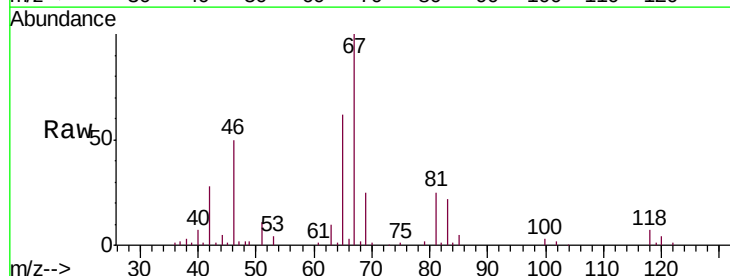
Instrument :
MSVOA_V
ClientSampleId :
A4110

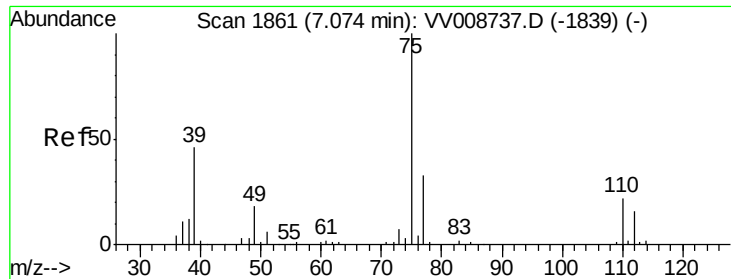
Tgt Ion: 83 Resp: 14192
Ion Ratio Lower Upper
83 100
55 2.5 62.2 93.2#
98 6.3 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV008739.D
Acq: 28 Nov 2018 16:23

Tgt Ion: 63 Resp: 6354
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

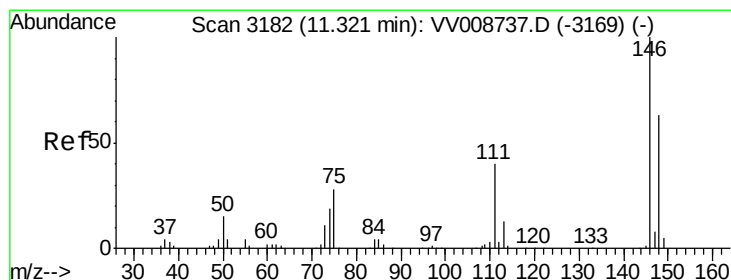
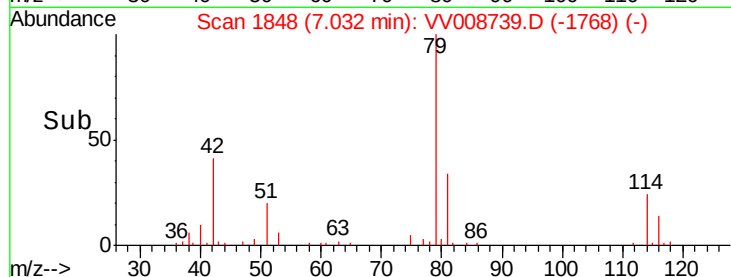
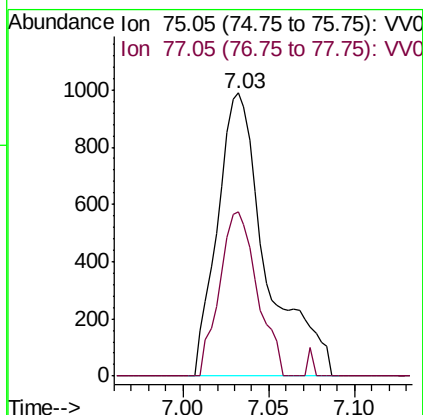
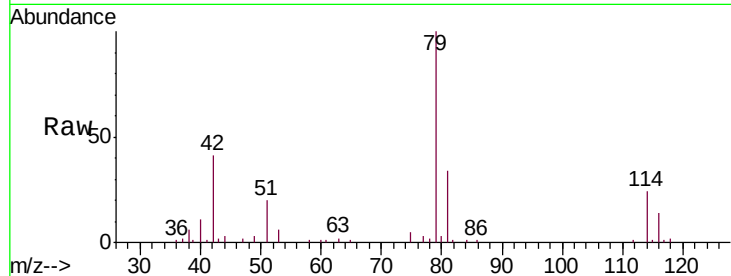




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008739.D
 Acq: 28 Nov 2018 16:23

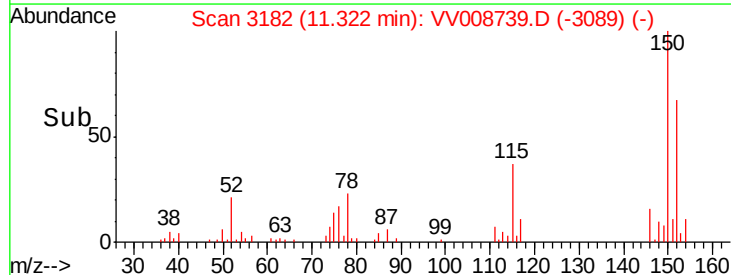
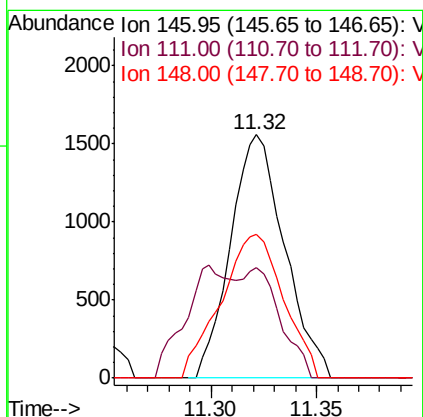
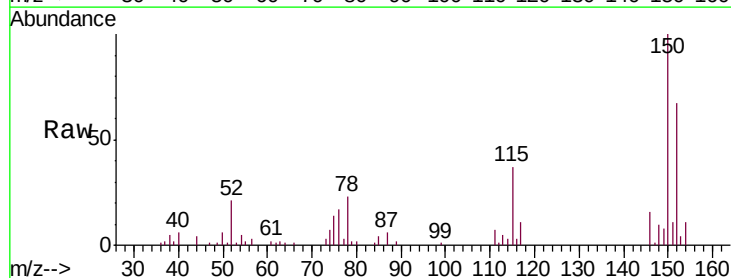
Instrument :
 MSVOA_V
 ClientSampled :
 A4110

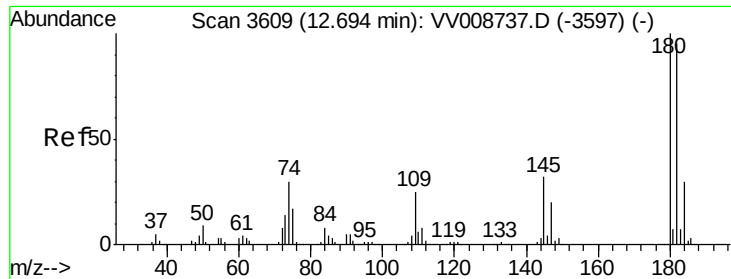
Tgt Ion: 75 Resp: 1957
 Ion Ratio Lower Upper
 75 100
 77 58.1 23.8 44.2#



#63
 1,4-Dichlorobenzene
 Concen: 0.107 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008739.D
 Acq: 28 Nov 2018 16:23

Tgt Ion: 146 Resp: 2773
 Ion Ratio Lower Upper
 146 100
 111 45.5 26.2 48.8
 148 59.1 43.6 81.0

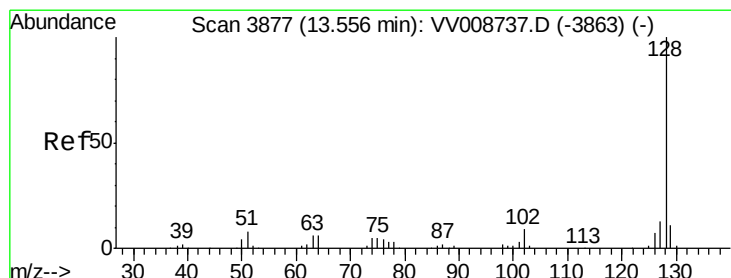
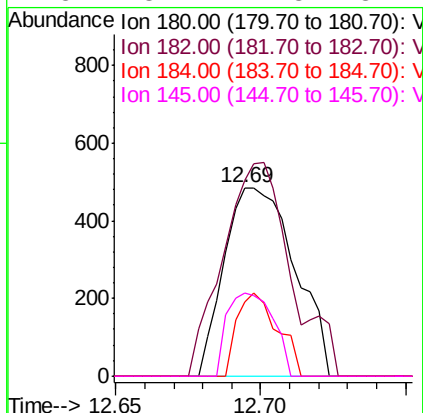
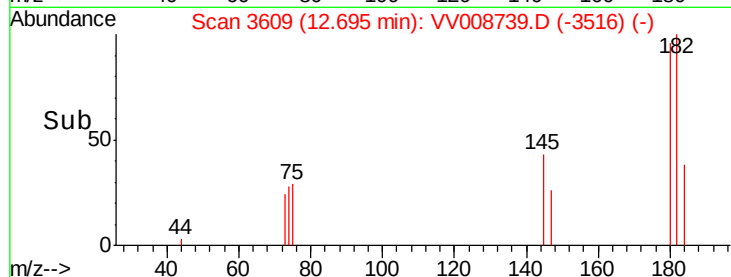
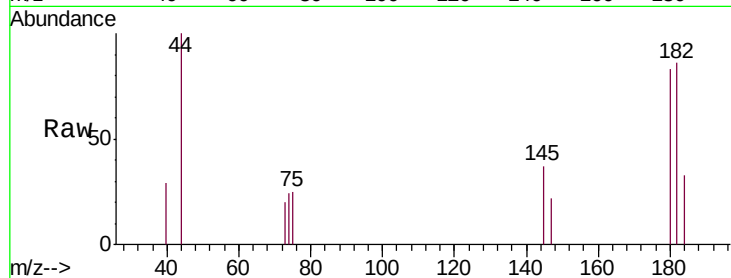




#67
 1,3,5-Trichlorobenzene
 Concen: 0.047 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV008739.D
 Acq: 28 Nov 2018 16:23

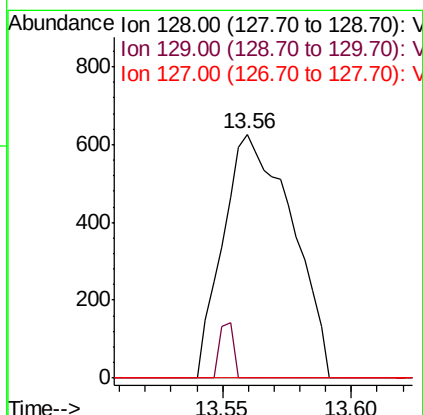
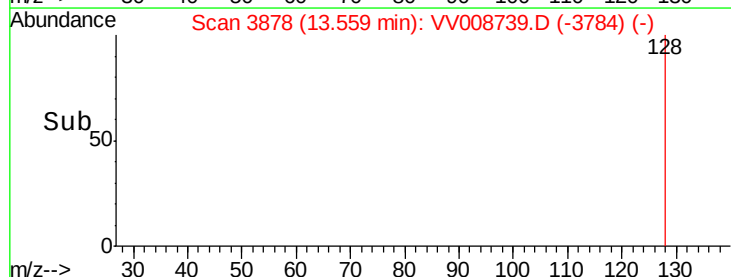
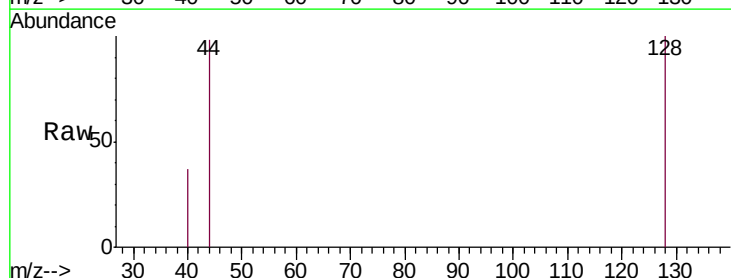
Instrument :
 MSVOA_V
 ClientSampleId :
 A4110

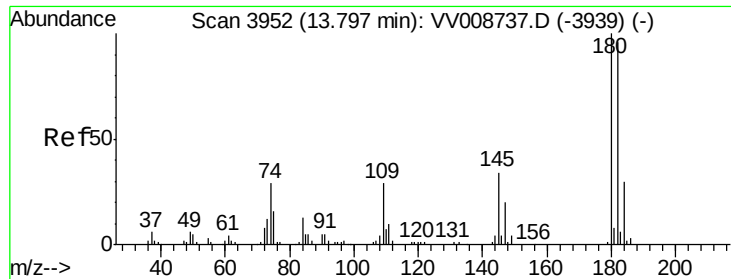
Tgt Ion:180 Resp: 821
 Ion Ratio Lower Upper
 180 100
 182 108.4 74.3 111.5
 184 25.2 23.4 35.0
 145 28.7 24.8 37.2



#69
 Naphthalene
 Concen: 0.062 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VV008739.D
 Acq: 28 Nov 2018 16:23

Tgt Ion:128 Resp: 1165
 Ion Ratio Lower Upper
 128 100
 129 4.5 8.6 12.8#
 127 0.0 10.3 15.5#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.061 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV008739.D
 Acq: 28 Nov 2018 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 A4110

Tgt Ion:180 Resp: 710
 Ion Ratio Lower Upper
 180 100
 182 124.5 75.4 113.2#
 145 16.8 27.2 40.8#

