

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008348.D
 Acq On : 18 Oct 2018 17:54
 Operator : SY/MD
 Sample : J5464-14
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:28:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:24:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116216	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42121	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26788	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	20881	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.13	63	41575	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.97	46	99140	45.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.02%
24) Chloroform-d	4.41	84	59986	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.09	65	31492	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.10	84	127689	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.12	67	43269	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	112451	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.67	79	14703	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.14	63	63705	44.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25454	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	34508	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

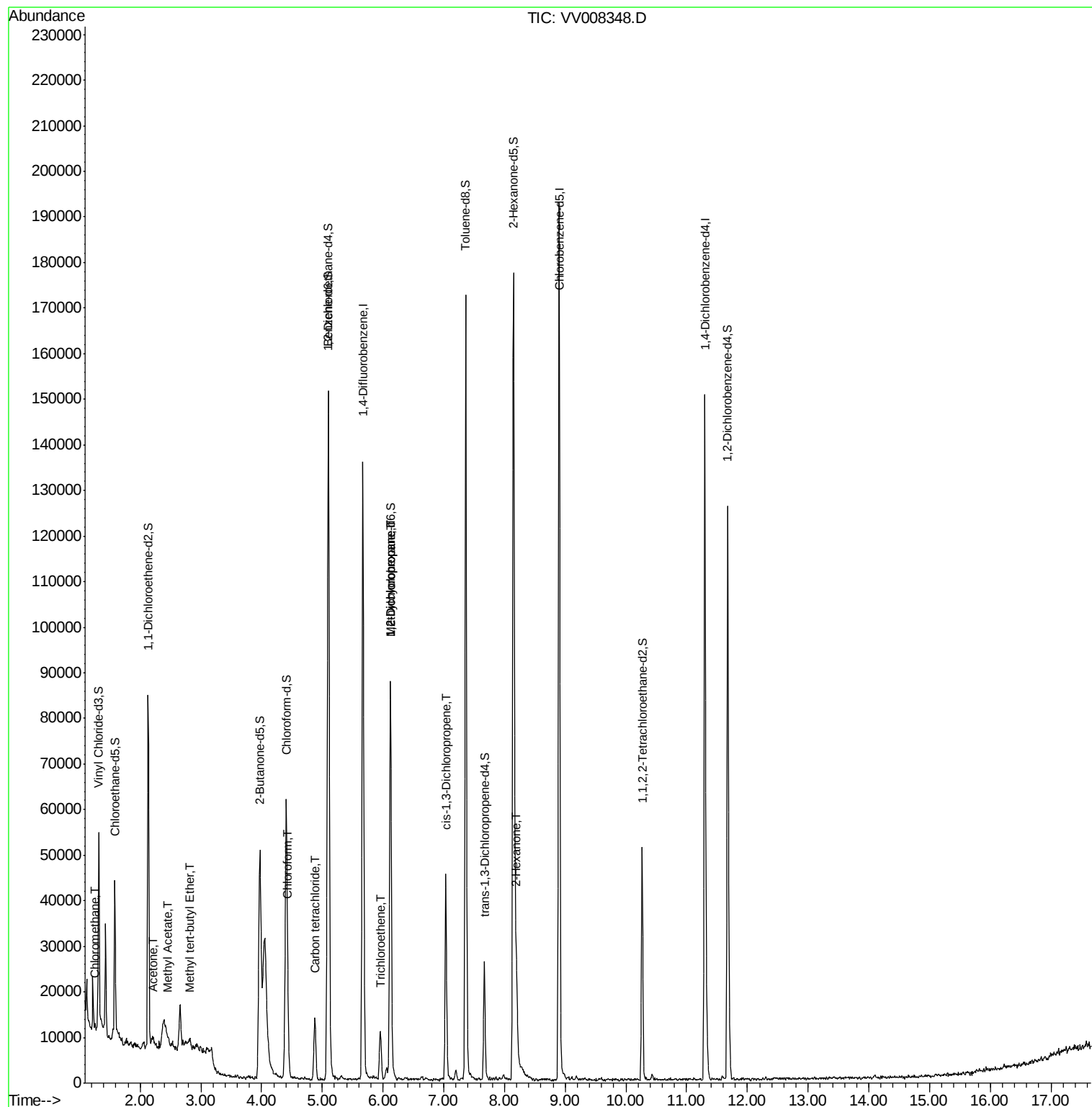
					Ovalue
3) Chloromethane	1.25	50	908	0.099 ug/L	99
13) Acetone	2.21	43	2095	1.758 ug/L	79
15) Methyl Acetate	2.47	43	391	0.132 ug/L #	50
17) Methyl tert-butyl Ether	2.82	73	1803	0.114 ug/L #	80
25) Chloroform	4.44	83	5532	0.364 ug/L	91
31) Carbon tetrachloride	4.87	117	9522	0.888 ug/L	98
34) Trichloroethene	5.96	95	2329	0.244 ug/L	92
35) Methylcyclohexane	6.12	83	9259	0.574 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	4271	0.459 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1160	0.087 ug/L #	56
48) 2-Hexanone	8.20	43	16667	3.999 ug/L #	85

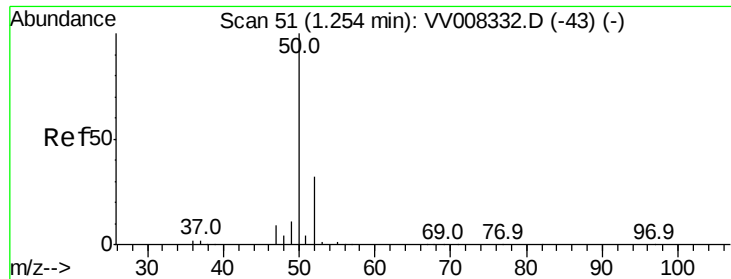
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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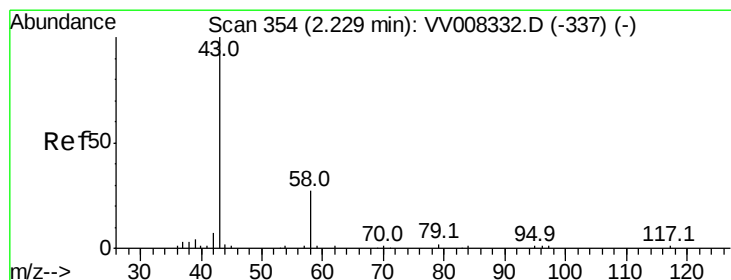
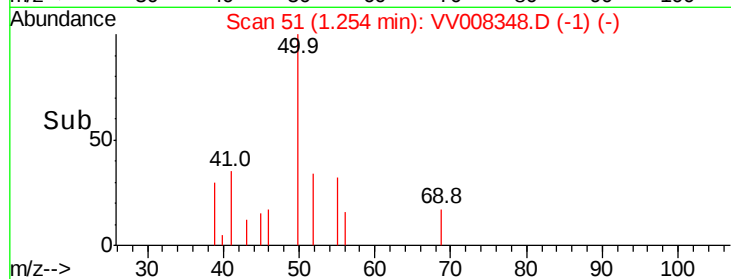
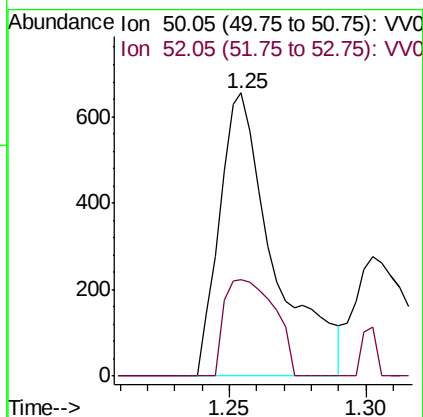
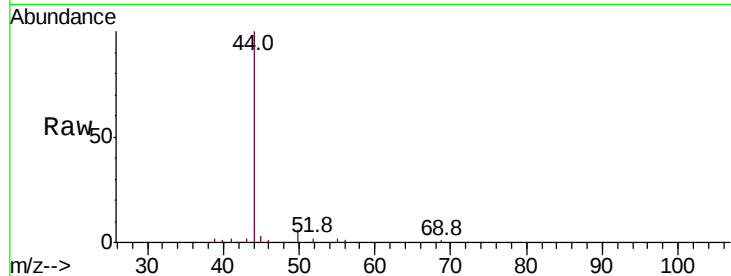




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV008348.D
Acq: 18 Oct 2018 17:54

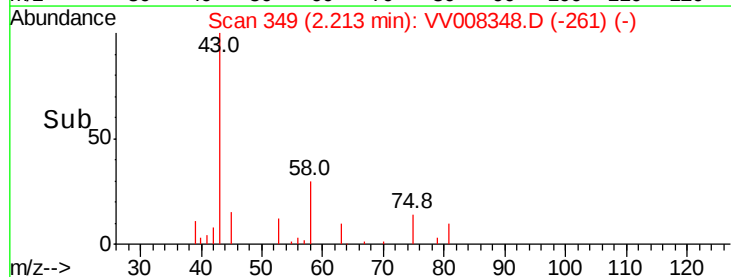
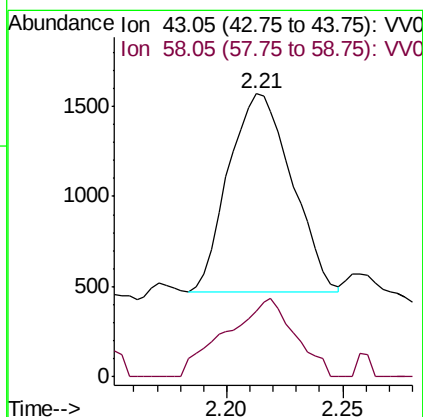
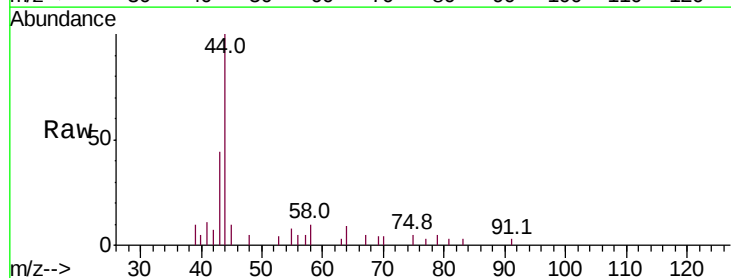
Instrument :
MSVOA_V
ClientSampled :

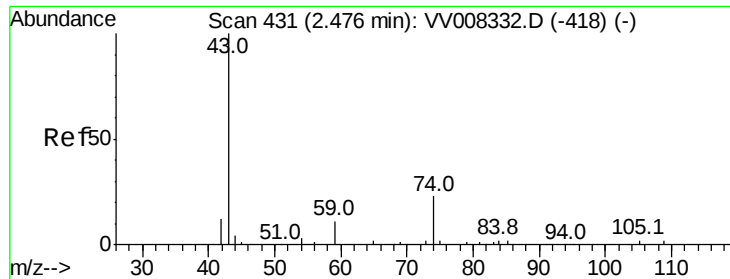
Tot Ion: 50 Resp: 908
Ion Ratio Lower Upper
50 100
52 34.3 23.7 43.9



#13
Acetone
Concen: 1.758 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.02 min
Lab File: VV008348.D
Acq: 18 Oct 2018 17:54

Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
58 42.6 0.0 62.0

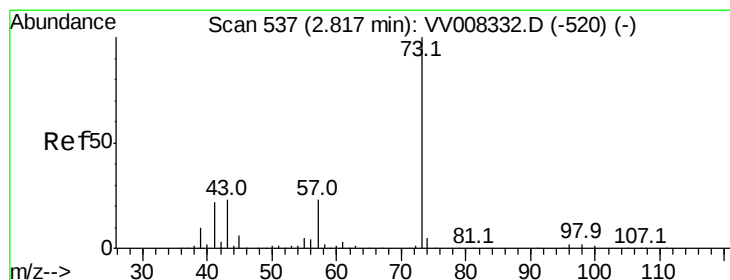
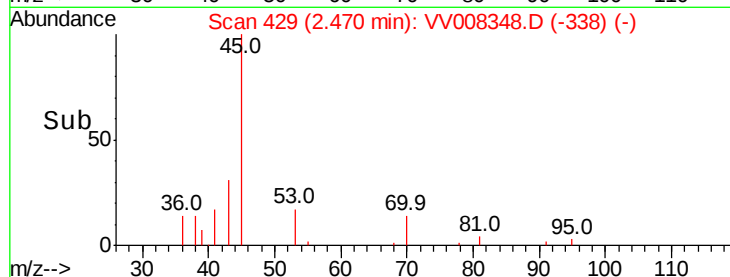
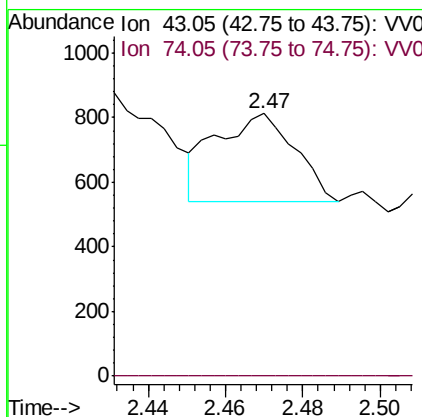
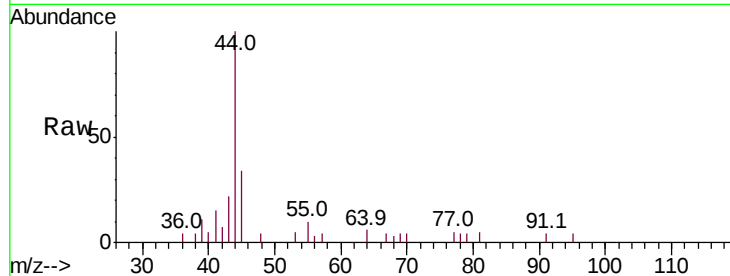




#15
Methyl Acetate
Concen: 0.132 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.01 min
Lab File: VV008348.D
Acq: 18 Oct 2018 17:54

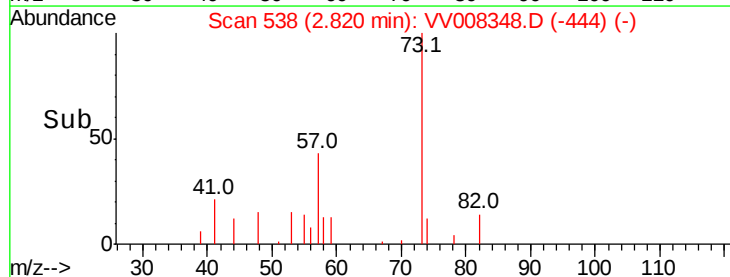
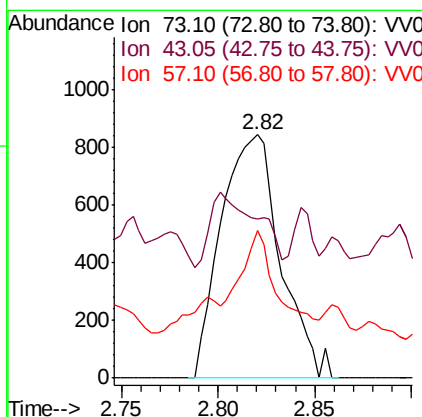
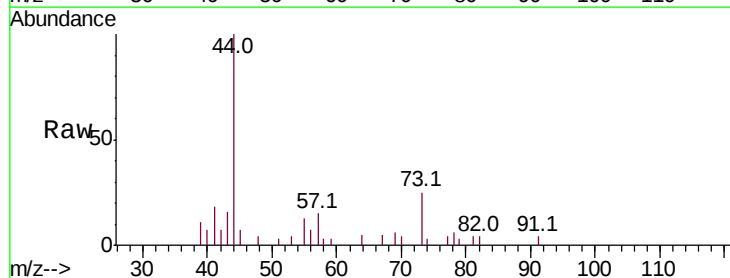
Instrument :
MSVOA_V
ClientSampleId :

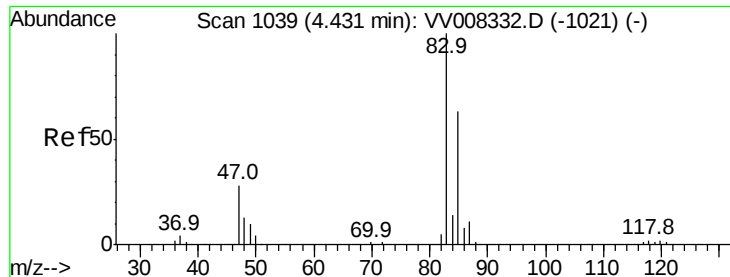
Tot Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#17
Methyl tert-butyl Ether
Concen: 0.114 ug/L
RT: 2.82 min Scan# 538
Delta R.T. 0.00 min
Lab File: VV008348.D
Acq: 18 Oct 2018 17:54

Tgt Ion: 73 Resp: 1803
Ion Ratio Lower Upper
73 100
43 7.8 19.0 28.6#
57 26.5 18.2 27.2

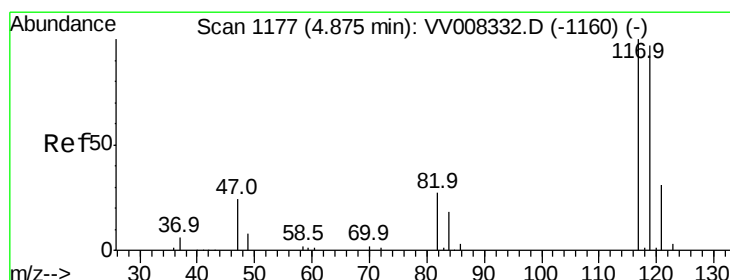
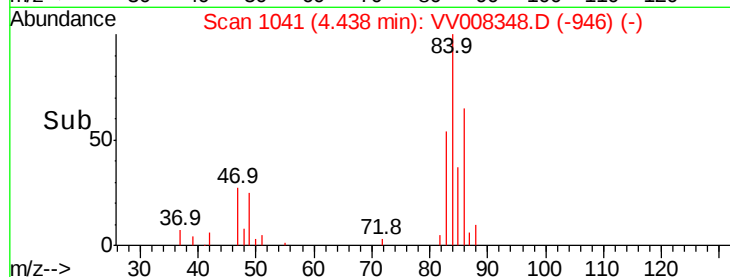
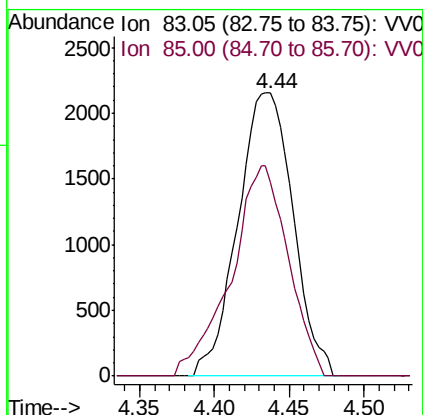
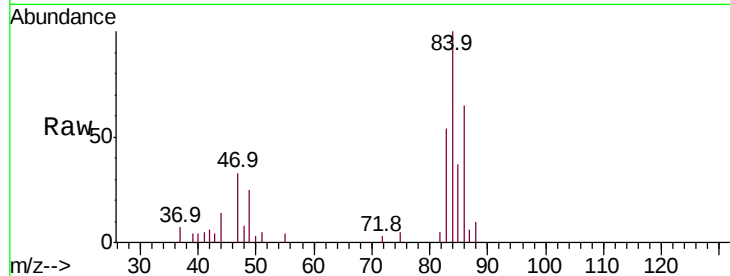




#25
Chloroform
Concen: 0.364 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008348.D
Acq: 18 Oct 2018 17:54

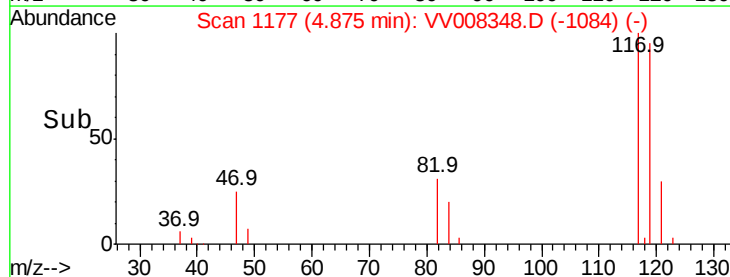
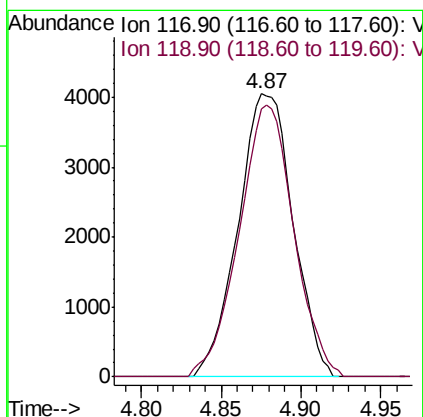
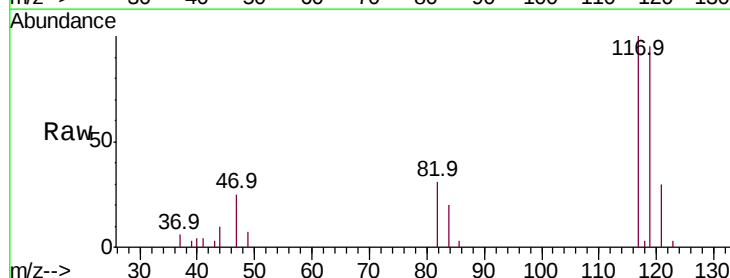
Instrument :
MSVOA_V
ClientSampleId :

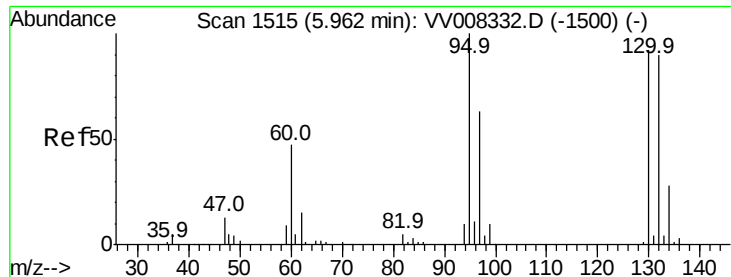
Tot Ion: 83 Resp: 5532
Ion Ratio Lower Upper
83 100
85 68.6 43.4 80.6



#31
Carbon tetrachloride
Concen: 0.888 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VV008348.D
Acq: 18 Oct 2018 17:54

Tgt Ion: 117 Resp: 9522
Ion Ratio Lower Upper
117 100
119 96.0 75.5 113.3

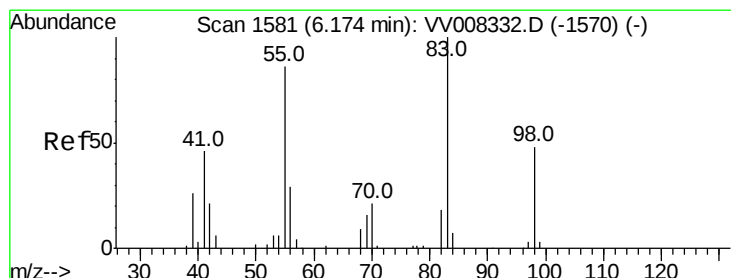
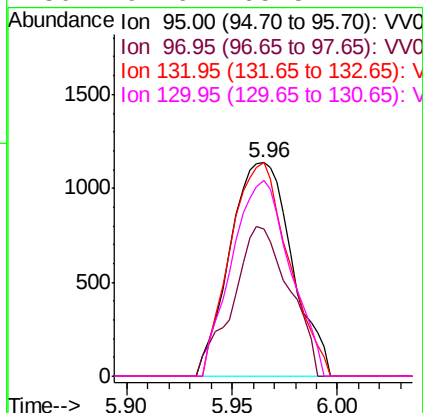
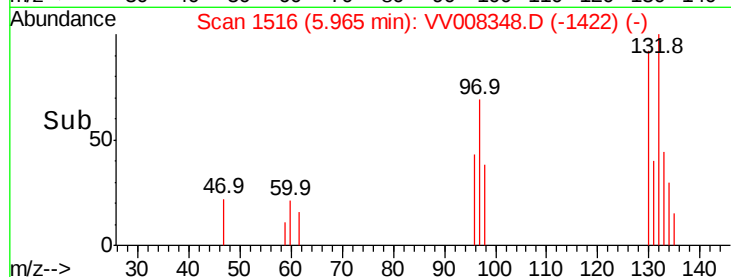
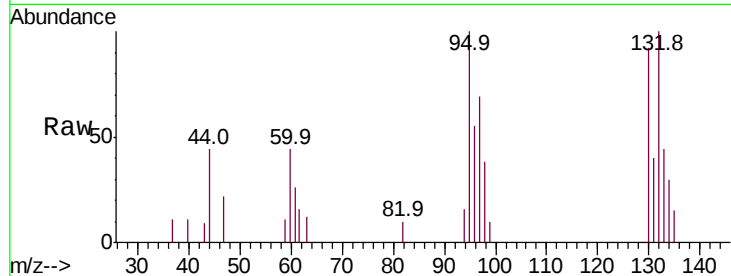




#34
 Trichloroethene
 Concen: 0.244 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008348.D
 Acq: 18 Oct 2018 17:54

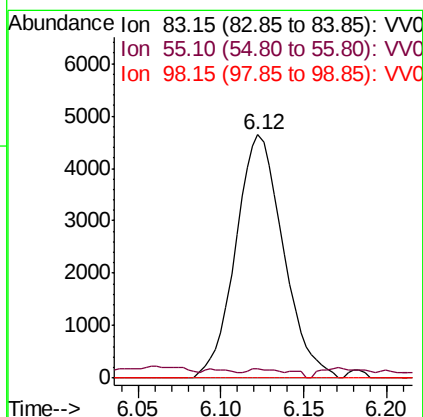
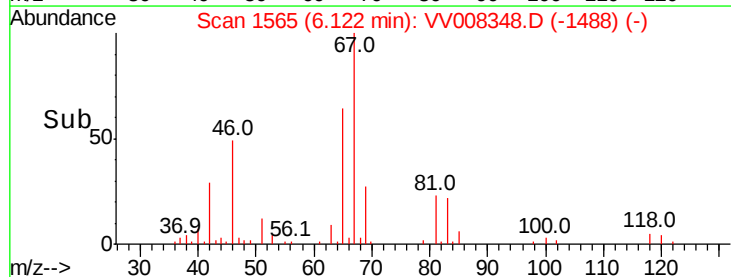
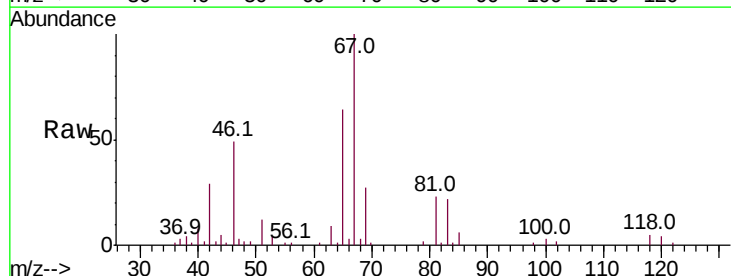
Instrument :
 MSVOA_V
 ClientSampleId :

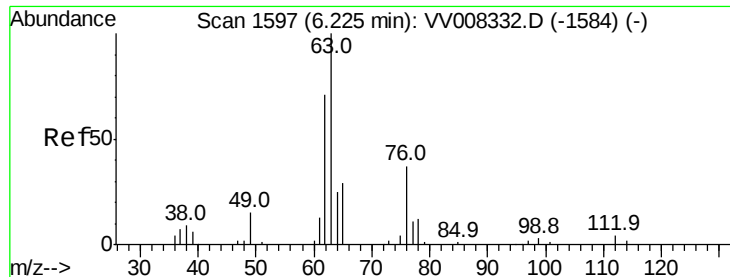
Tot Ion: 95 Resp: 2329
 Ion Ratio Lower Upper
 95 100
 97 69.2 44.4 82.4
 132 100.1 60.4 112.2
 130 91.6 65.5 121.7



#35
 Methylcyclohexane
 Concen: 0.574 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008348.D
 Acq: 18 Oct 2018 17:54

Tgt Ion: 83 Resp: 9259
 Ion Ratio Lower Upper
 83 100
 55 3.2 64.0 96.0#
 98 0.0 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008348.D

Acq: 18 Oct 2018 17:54

Instrument :

MSVOA_V

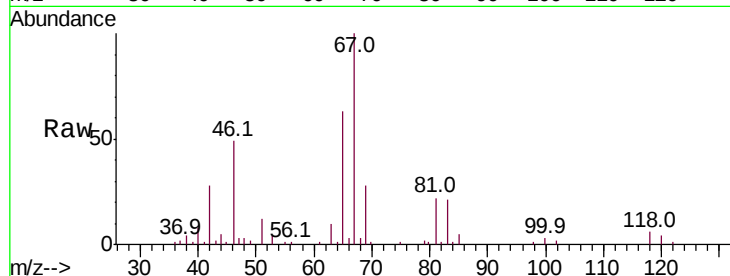
ClientSampled :

Tot Ion: 63 Resp: 4271

Ion Ratio Lower Upper

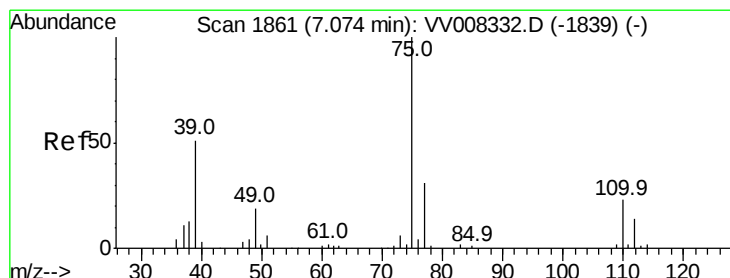
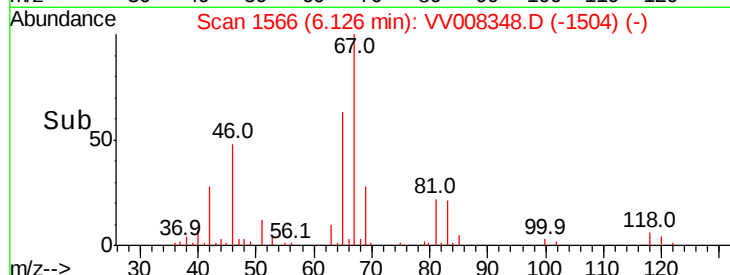
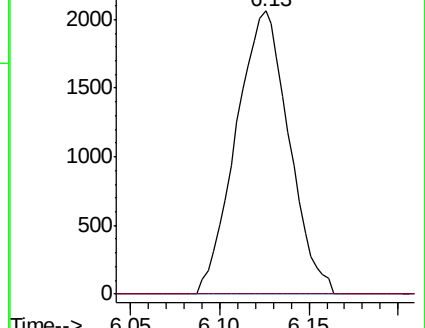
63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008332.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008332.D (-1584) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008348.D

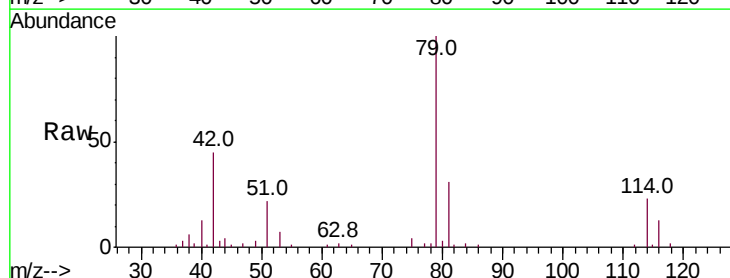
Acq: 18 Oct 2018 17:54

Tgt Ion: 75 Resp: 1160

Ion Ratio Lower Upper

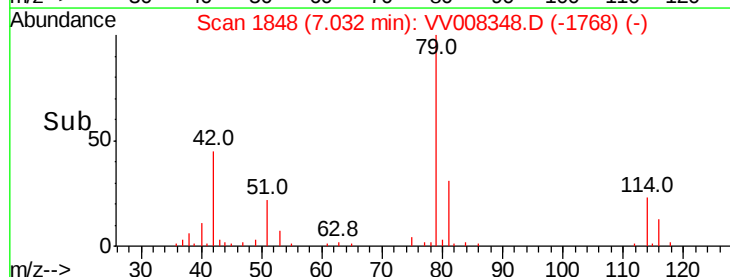
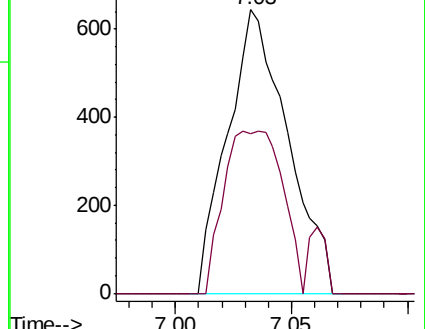
75 100

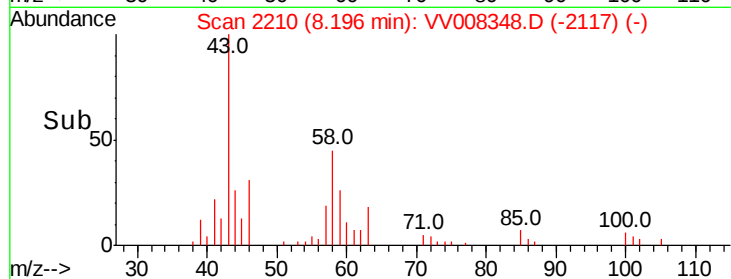
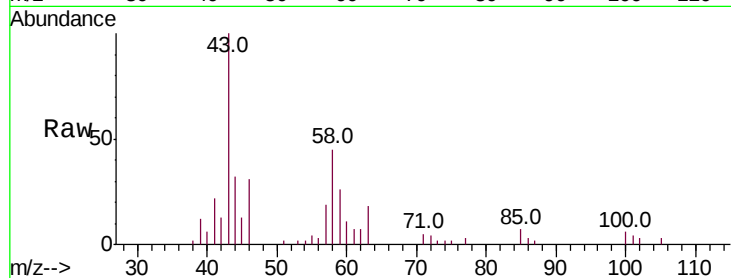
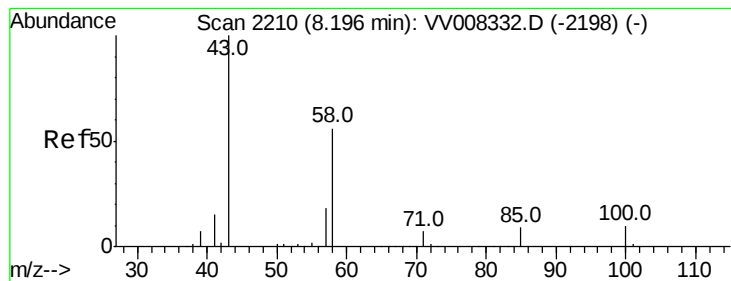
77 56.2 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008332.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008332.D (-1839) (-)





#48

2-Hexanone

Concen: 3.999 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV008348.D

Acq: 18 Oct 2018 17:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 16667

Ion Ratio Lower Upper

43 100

58 42.2 45.0 67.4#

57 15.3 14.4 21.6

100 6.0 7.9 11.9#

