

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007913.D
 Acq On : 27 Sep 2018 18:01
 Operator : SY/MD
 Sample : J5063-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 00:45:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 00:42:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89627	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42214	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22093	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.59	69	21111	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.14	63	37194	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.96	46	67651	46.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.62%
24) Chloroform-d	4.41	84	51964	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	29667	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	100180	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.13	67	32456	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	96110	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	11048	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	51837	48.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23976	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	40482	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

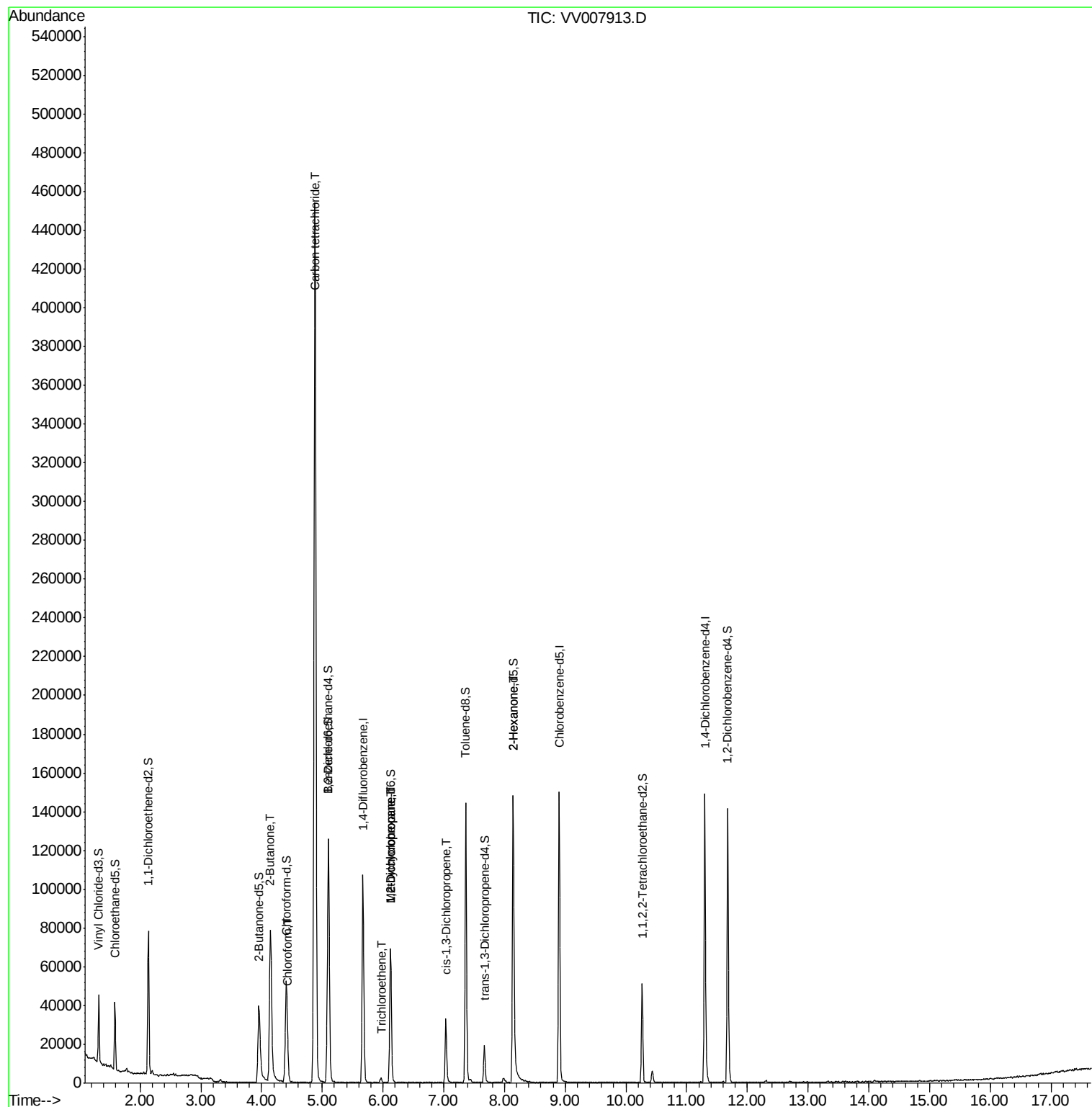
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
21) 2-Butanone	4.14	43	126563	75.443	ug/L #	50
25) Chloroform	4.44	83	3499	0.290	ug/L	81
31) Carbon tetrachloride	4.88	117	332543	37.789	ug/L	99
34) Trichloroethene	5.96	95	897	0.132	ug/L	81
35) Methylcyclohexane	6.12	83	7780	0.762	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3670	0.604	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	774	0.095	ug/L #	62
48) 2-Hexanone	8.14	43	7709	2.908	ug/L #	75

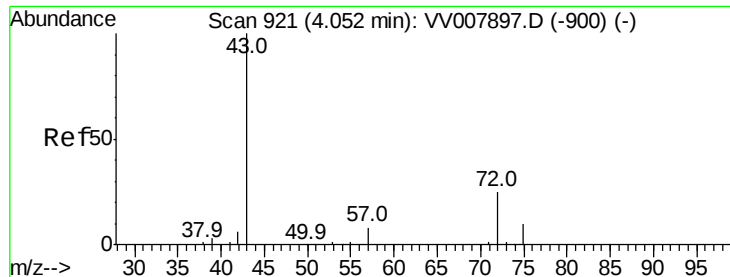
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration





#21

2-Butanone

Concen: 75.443 ug/L

RT: 4.14 min Scan# 950

Delta R.T. 0.09 min

Lab File: VV007913.D

Acq: 27 Sep 2018 18:01

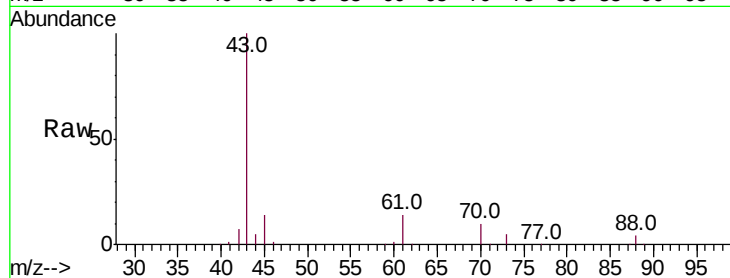
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 126563

Ion Ratio Lower Upper

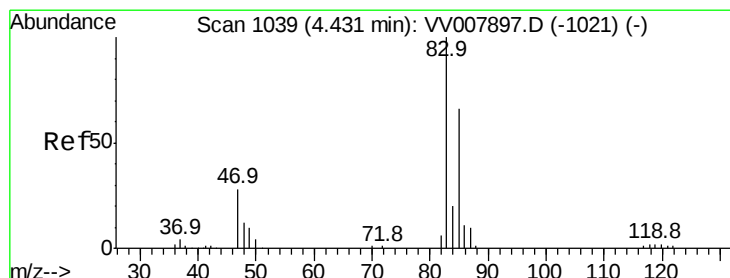
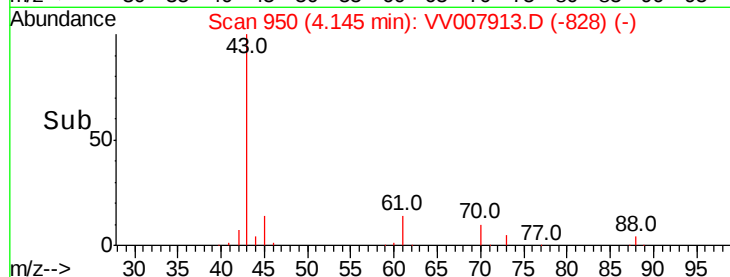
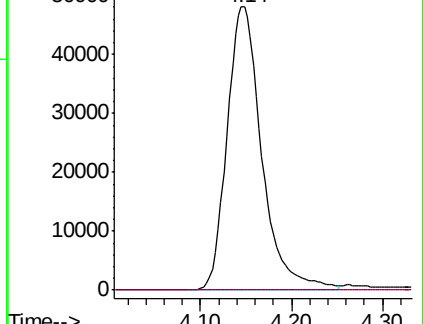
43 100

72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007913.D (-950) (-)

Ion 72.10 (71.80 to 72.80): VV007913.D (-950) (-)



#25

Chloroform

Concen: 0.290 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV007913.D

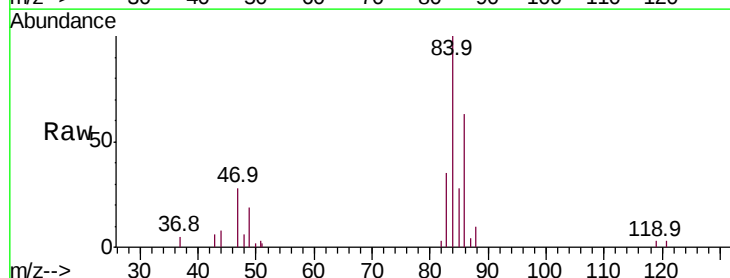
Acq: 27 Sep 2018 18:01

Tgt Ion: 83 Resp: 3499

Ion Ratio Lower Upper

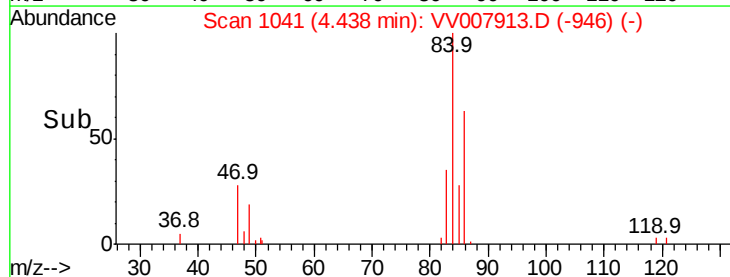
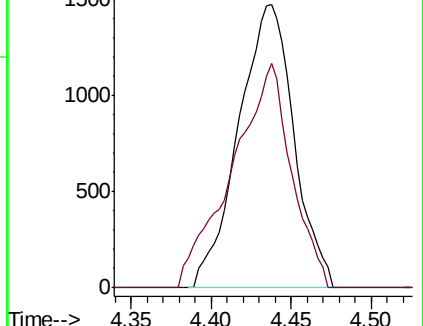
83 100

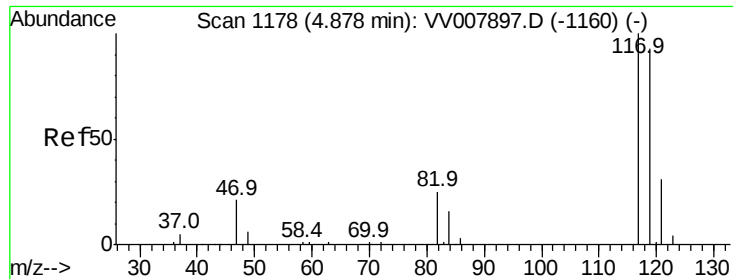
85 79.2 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007913.D (-1041) (-)

Ion 85.00 (84.70 to 85.70): VV007913.D (-1041) (-)



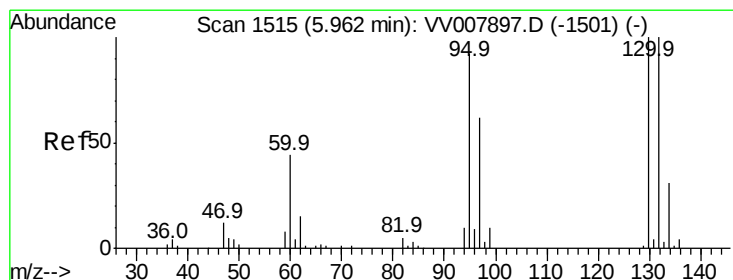
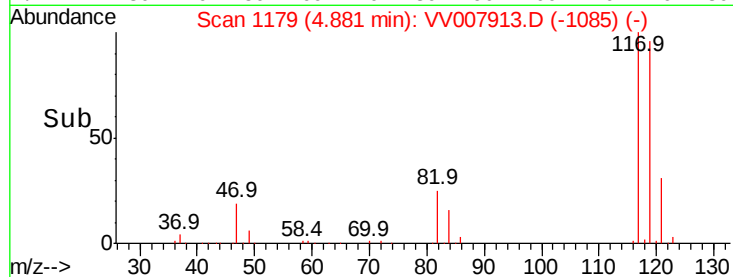
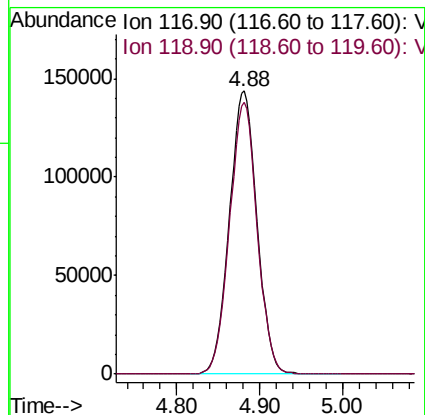
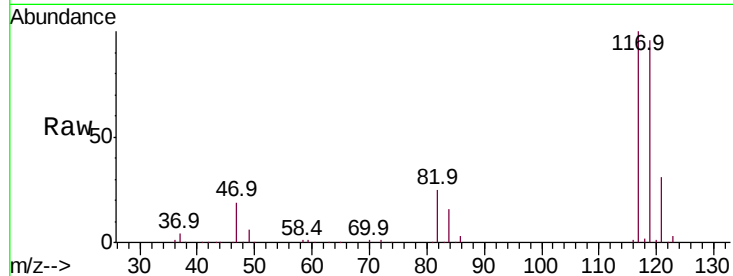


#31

Carbon tetrachloride
Concen: 37.789 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007913.D
Acq: 27 Sep 2018 18:01

Instrument :
MSVOA_V
ClientSampleId :

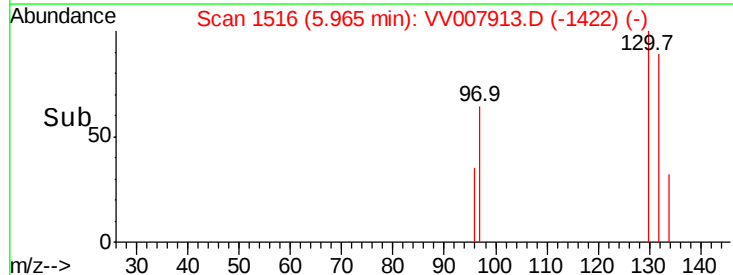
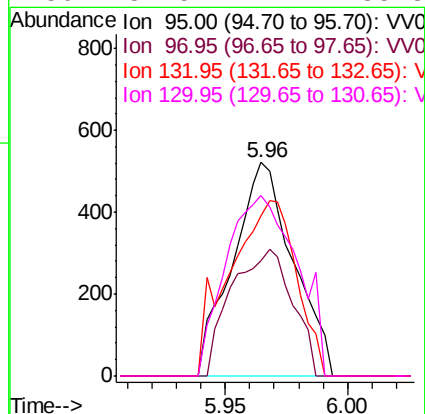
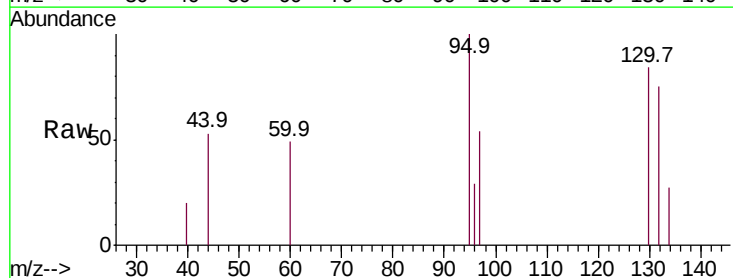
Tot Ion:117 Resp: 332543
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8

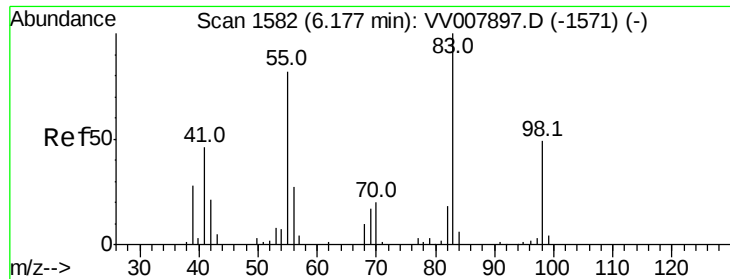


#34

Trichloroethene
Concen: 0.132 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007913.D
Acq: 27 Sep 2018 18:01

Tgt Ion: 95 Resp: 897
Ion Ratio Lower Upper
95 100
97 54.0 43.6 81.0
132 74.9 69.9 129.9
130 84.5 71.7 133.3

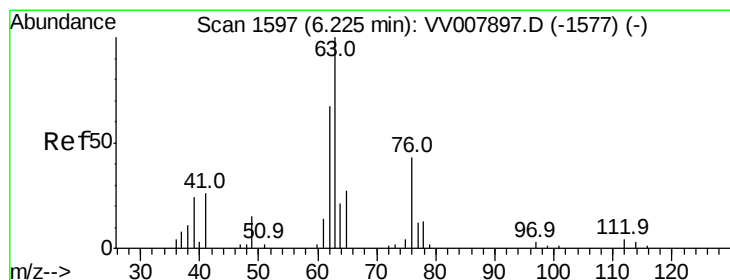
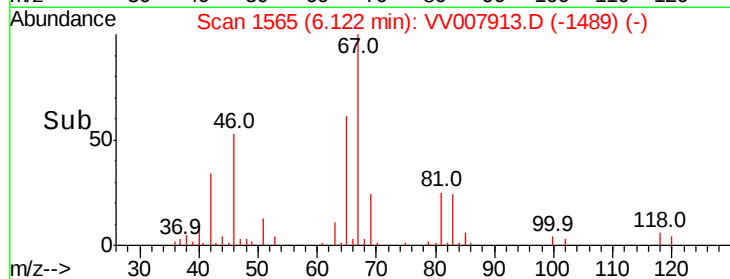
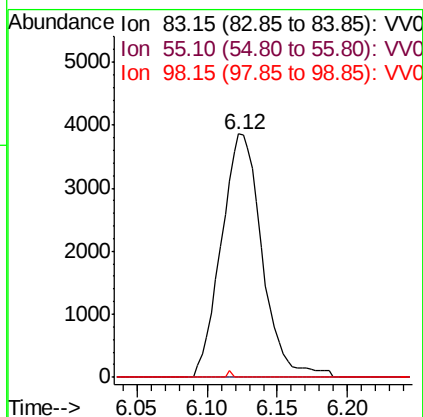
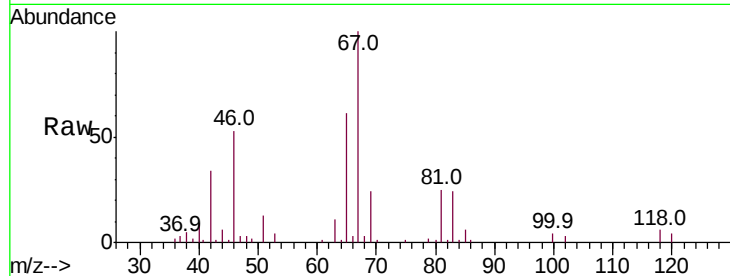




#35
Methvlcvclohexane
Concen: 0.762 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007913.D
Acq: 27 Sep 2018 18:01

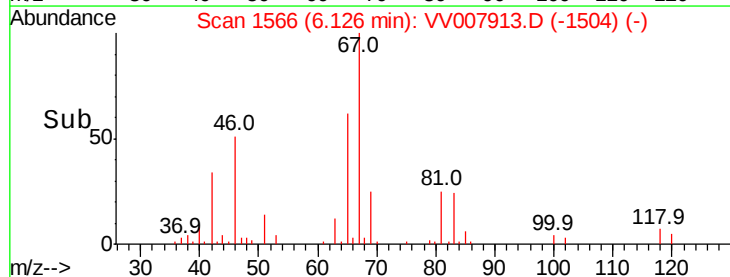
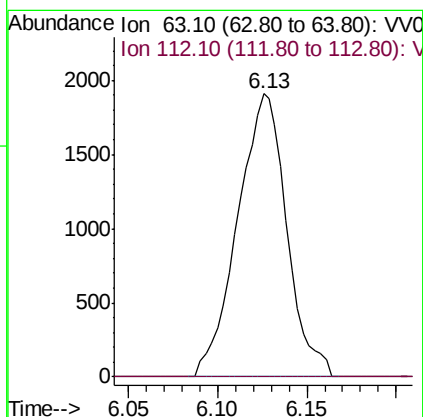
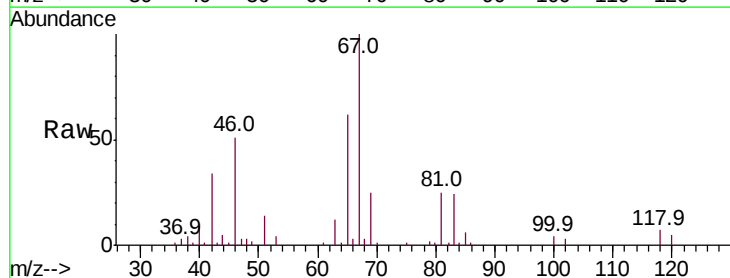
Instrument :
MSVOA_V
ClientSampled :

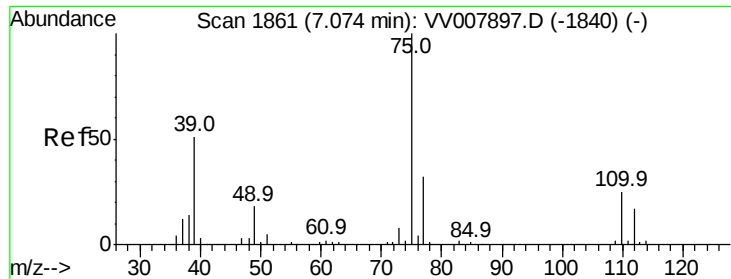
Tot Ion: 83 Resp: 7780
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.3 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007913.D
Acq: 27 Sep 2018 18:01

Tgt Ion: 63 Resp: 3670
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

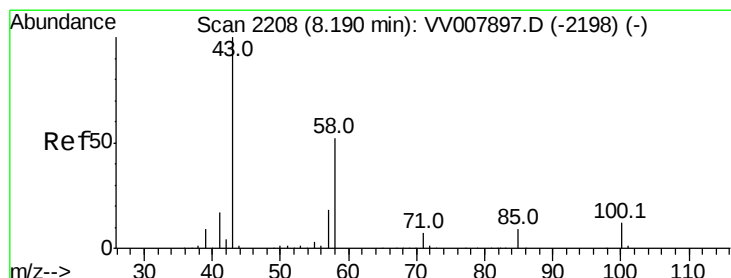
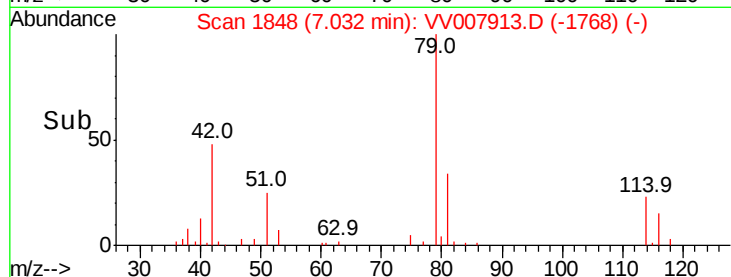
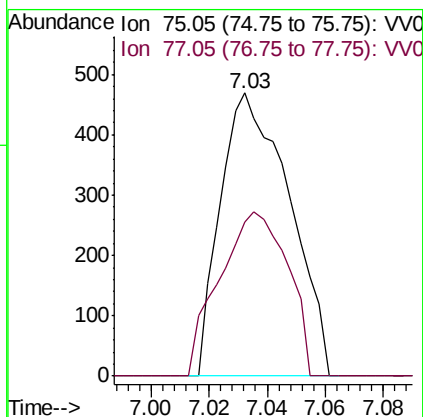
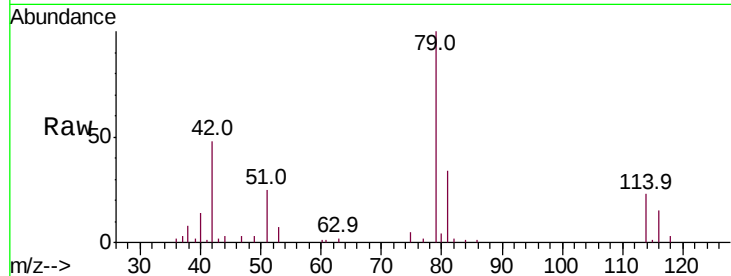




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007913.D
 Acq: 27 Sep 2018 18:01

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 774
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.9 42.5#



#48
 2-Hexanone
 Concen: 2.908 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV007913.D
 Acq: 27 Sep 2018 18:01

Tgt Ion: 43 Resp: 7709
 Ion Ratio Lower Upper
 43 100
 58 33.7 41.9 62.9#
 57 25.9 14.3 21.5#
 100 0.0 9.2 13.8#

