

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007924.D
 Acq On : 27 Sep 2018 23:02
 Operator : SY/MD
 Sample : J5063-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:47:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86730	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79345	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20479	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.59	69	19702	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.14	63	35220	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	66595	47.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.24%
24) Chloroform-d	4.41	84	48990	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.09	65	27329	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	94936	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	30367	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	87672	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	9921	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	47238	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22169	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	36708	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

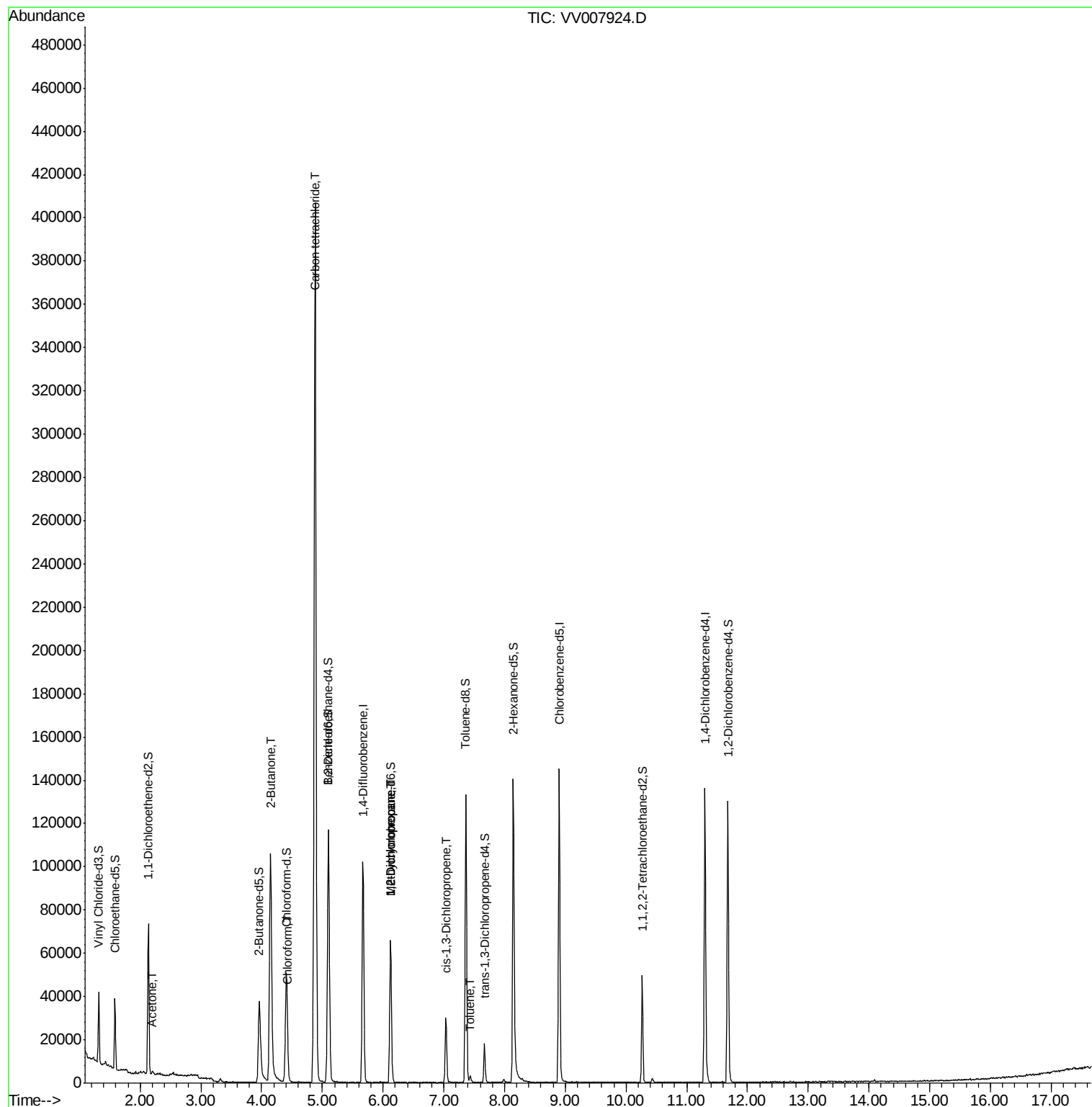
					Ovalue
13) Acetone	2.21	43	1749	1.717 ug/L	85
21) 2-Butanone	4.14	43	172805	106.449 ug/L #	50
25) Chloroform	4.44	83	2144	0.184 ug/L	84
31) Carbon tetrachloride	4.88	117	295872	35.176 ug/L	98
35) Methylcyclohexane	6.12	83	7301	0.748 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3606	0.621 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	712	0.092 ug/L #	55
42) Toluene	7.44	91	2353	0.095 ug/L	97

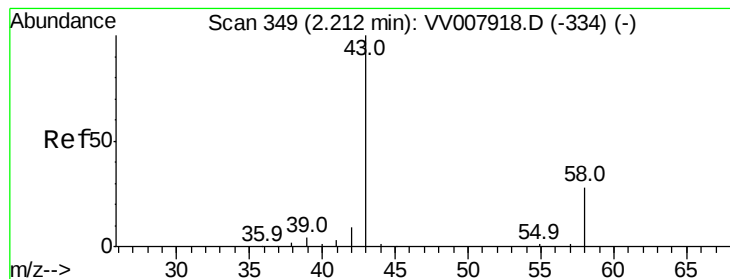
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 03:46:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.717 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV007924.D

Acq: 27 Sep 2018 23:02

Instrument :

MSVOA_V

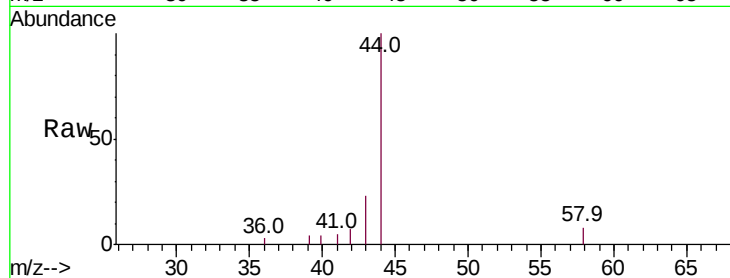
ClientSampleId :

Tot Ion: 43 Resp: 1749

Ion Ratio Lower Upper

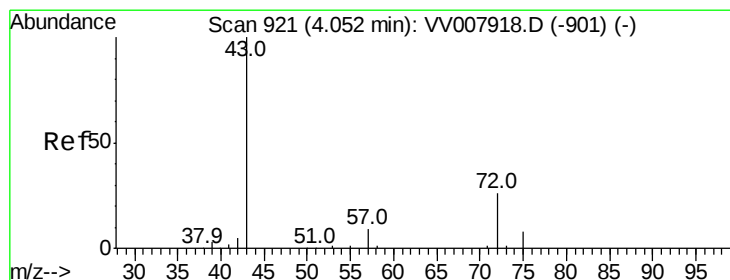
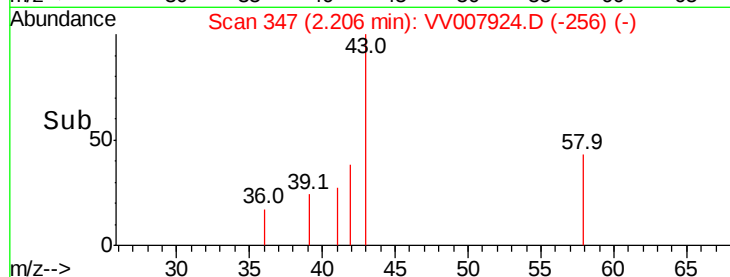
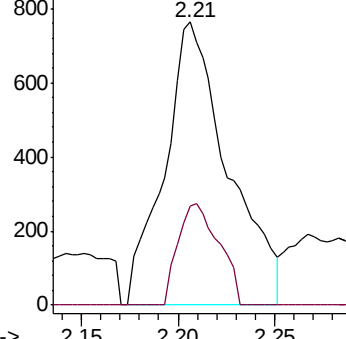
43 100

58 22.9 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV007918.D (-334) (-)



#21

2-Butanone

Concen: 106.449 ug/L

RT: 4.14 min Scan# 950

Delta R.T. 0.09 min

Lab File: VV007924.D

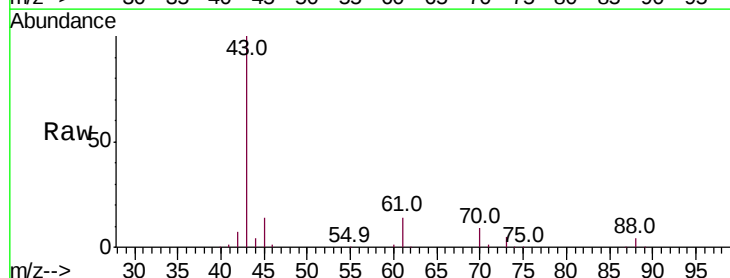
Acq: 27 Sep 2018 23:02

Tgt Ion: 43 Resp: 172805

Ion Ratio Lower Upper

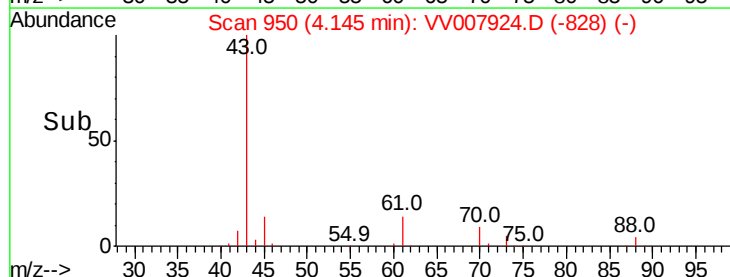
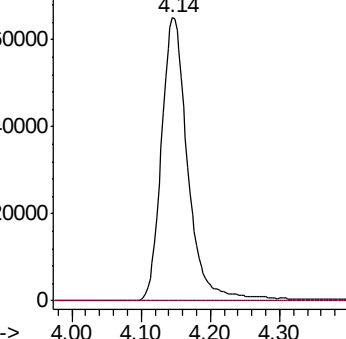
43 100

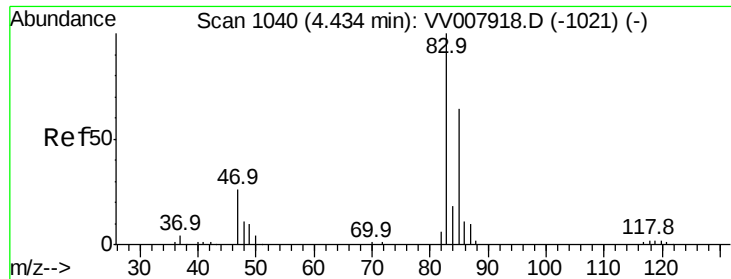
72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-901) (-)

Ion 72.10 (71.80 to 72.80): VV007918.D (-901) (-)

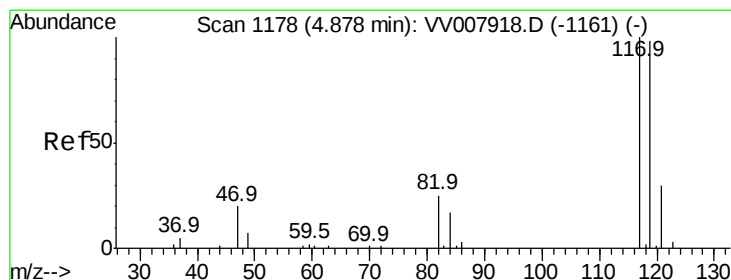
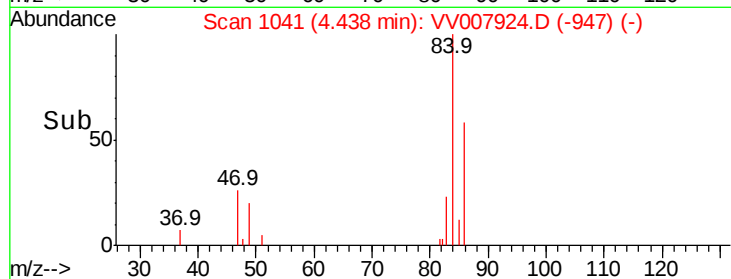
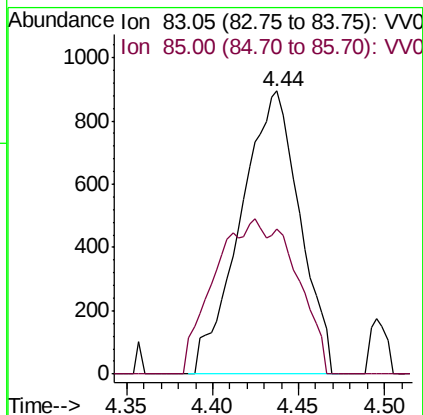
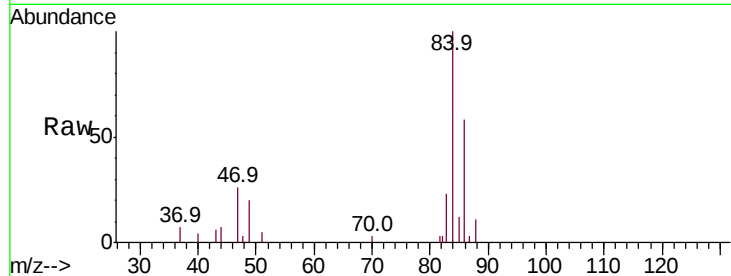




#25
Chloroform
Concen: 0.184 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007924.D
Acq: 27 Sep 2018 23:02

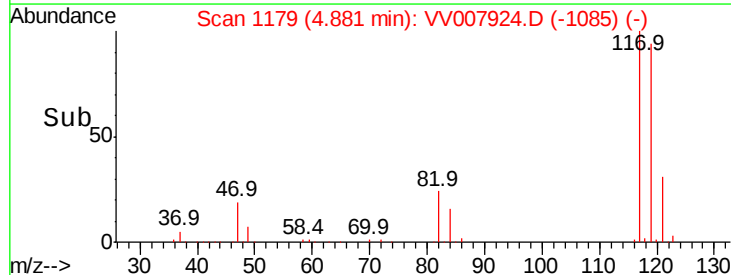
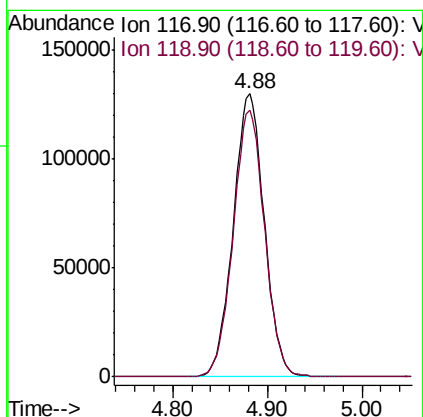
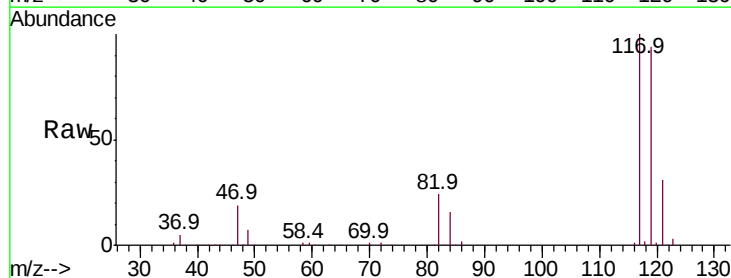
Instrument :
MSVOA_V
ClientSampled :

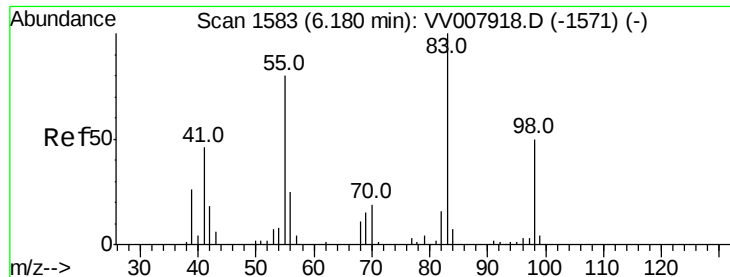
Tot Ion: 83 Resp: 2144
Ion Ratio Lower Upper
83 100
85 51.3 44.8 83.2



#31
Carbon tetrachloride
Concen: 35.176 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007924.D
Acq: 27 Sep 2018 23:02

Tgt Ion: 117 Resp: 295872
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.8

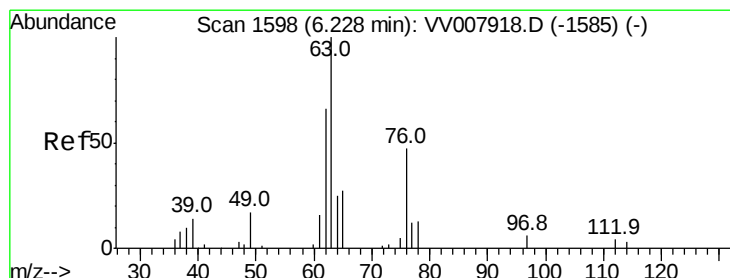
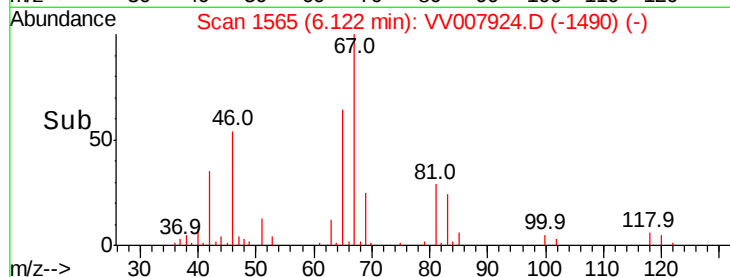
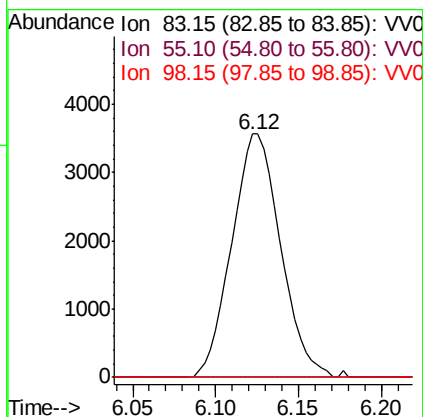
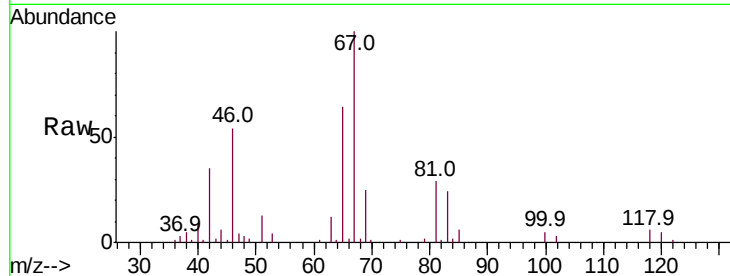




#35
Methvlcvclohexane
Concen: 0.748 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007924.D
Acq: 27 Sep 2018 23:02

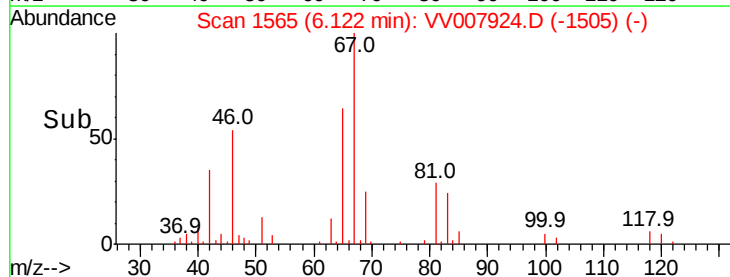
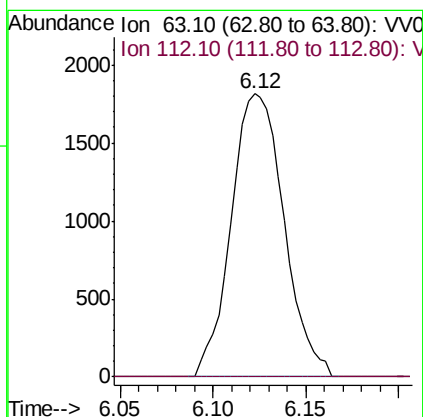
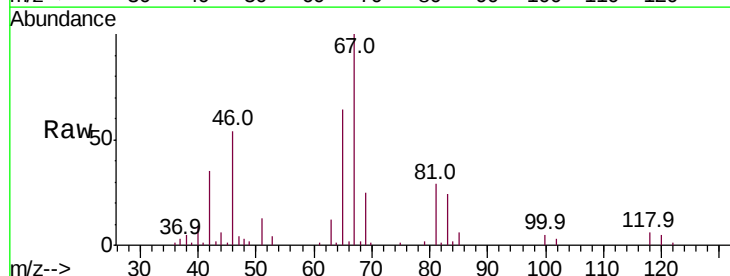
Instrument :
MSVOA_V
ClientSampleId :

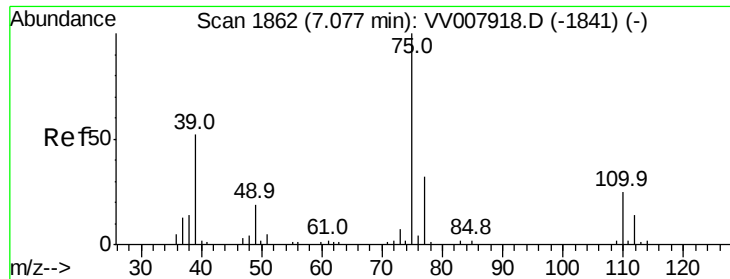
Tot Ion: 83 Resp: 7301
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.0 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007924.D
Acq: 27 Sep 2018 23:02

Tgt Ion: 63 Resp: 3606
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

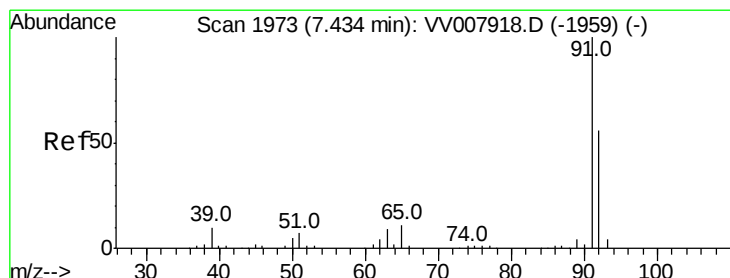
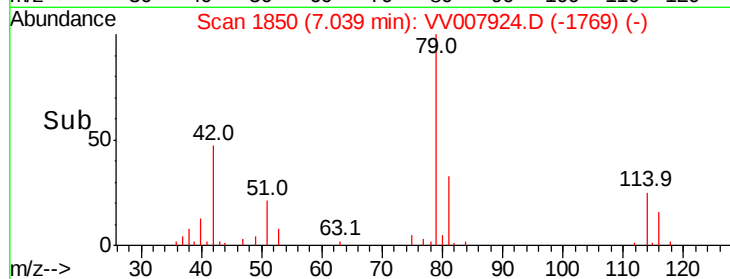
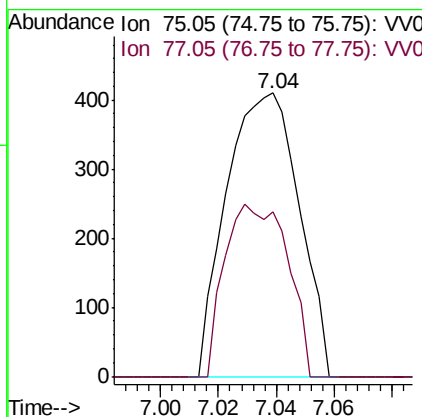
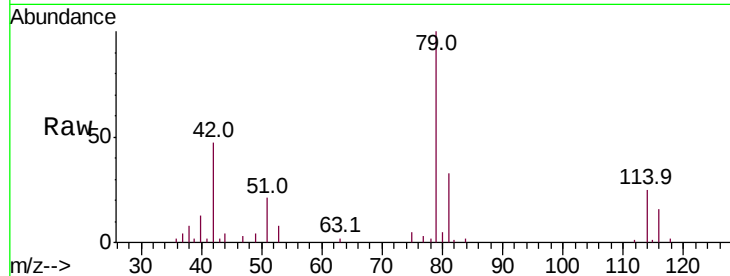




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007924.D
 Acq: 27 Sep 2018 23:02

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 712
 Ion Ratio Lower Upper
 75 100
 77 58.3 22.9 42.5#



#42
 Toluene
 Concen: 0.095 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007924.D
 Acq: 27 Sep 2018 23:02

Tgt Ion: 91 Resp: 2353
 Ion Ratio Lower Upper
 91 100
 92 56.1 40.8 75.8

