

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007907.D
 Acq On : 27 Sep 2018 14:47
 Operator : SY/MD
 Sample : J5063-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 00:45:03 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	85591	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22441	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	20602	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.14	63	37941	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.96	46	65940	47.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.56%
24) Chloroform-d	4.41	84	49882	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	28580	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.10	84	99767	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	31160	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	94641	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.67	79	10445	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	49314	47.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22504	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39485	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

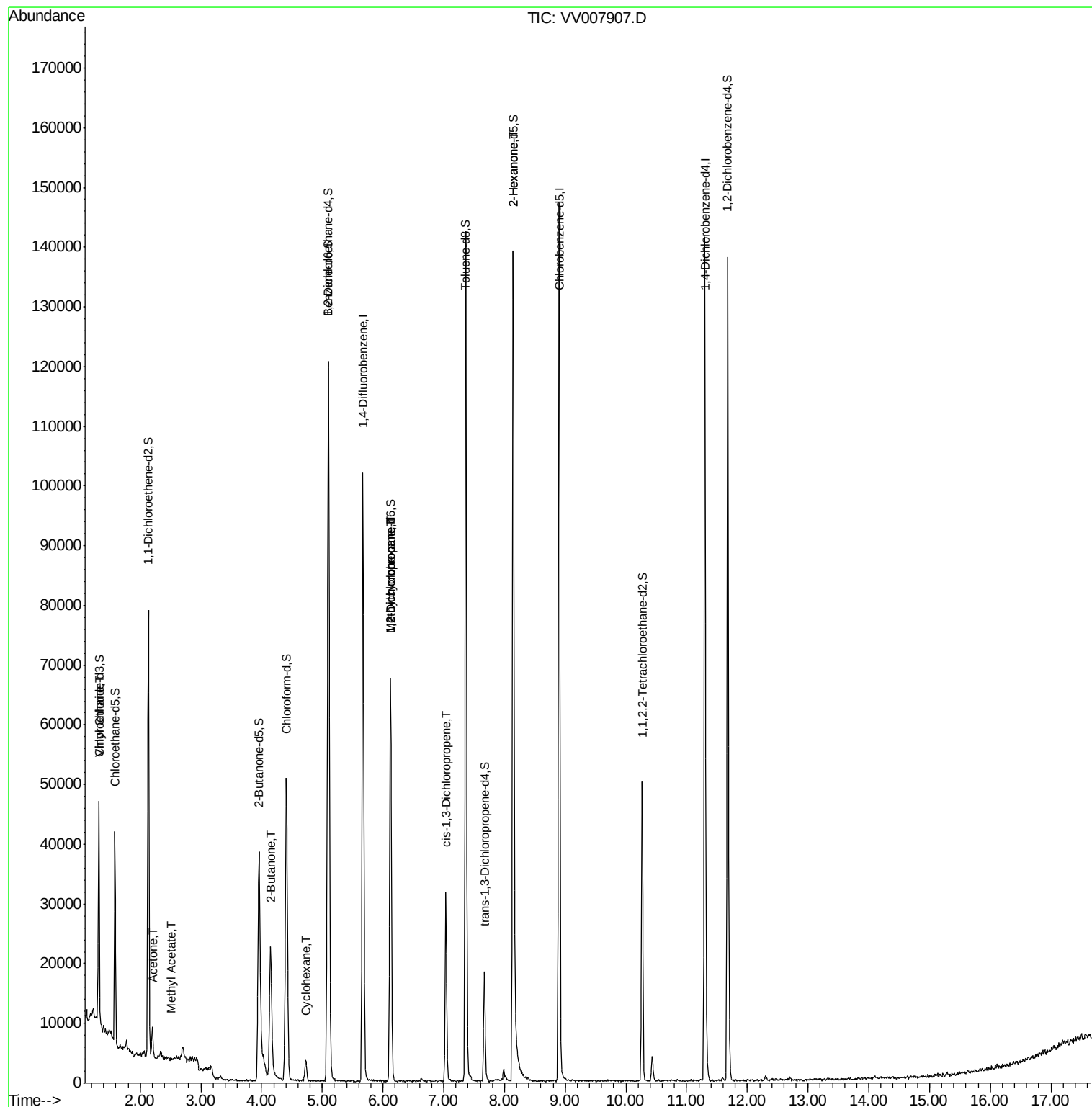
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	334	0.081	ug/L #	1
13) Acetone	2.20	43	4880	4.853	ug/L	98
15) Methyl Acetate	2.52	43	416	0.162	ug/L #	51
21) 2-Butanone	4.14	43	37406	23.349	ug/L #	50
30) Cyclohexane	4.72	56	898	0.098	ug/L #	18
35) Methylcyclohexane	6.12	83	7453	0.750	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3484	0.590	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	864	0.109	ug/L	91
48) 2-Hexanone	8.14	43	6498	2.519	ug/L #	74

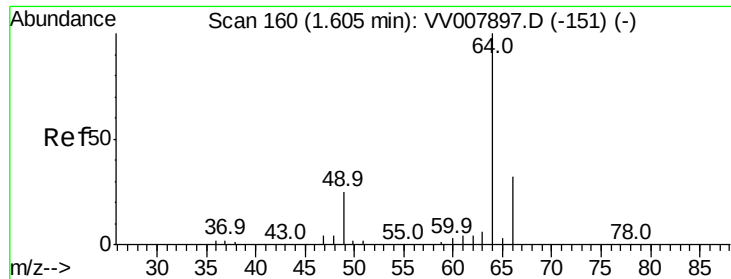
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.081 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.29 min

Lab File: VV007907.D

Acq: 27 Sep 2018 14:47

Instrument :

MSVOA_V

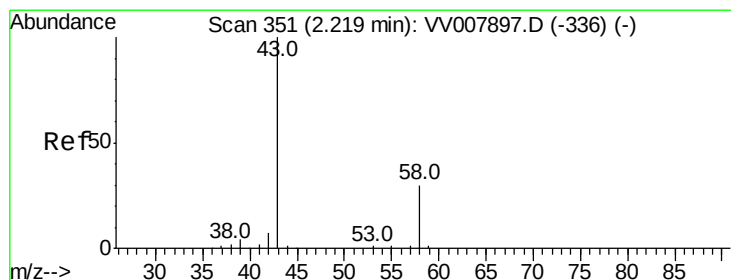
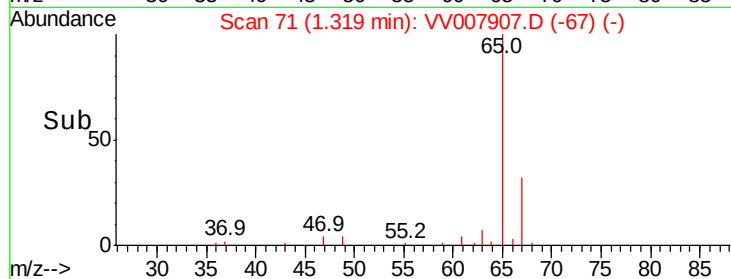
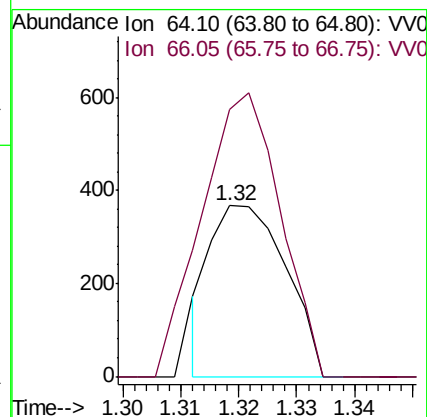
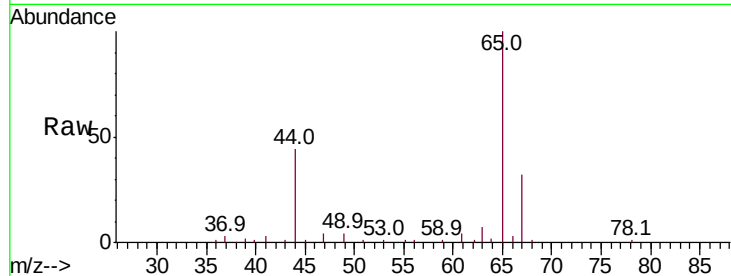
ClientSampleId :

Tot Ion: 64 Resp: 334

Ion Ratio Lower Upper

64 100

66 156.3 23.1 42.9#



#13

Acetone

Concen: 4.853 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV007907.D

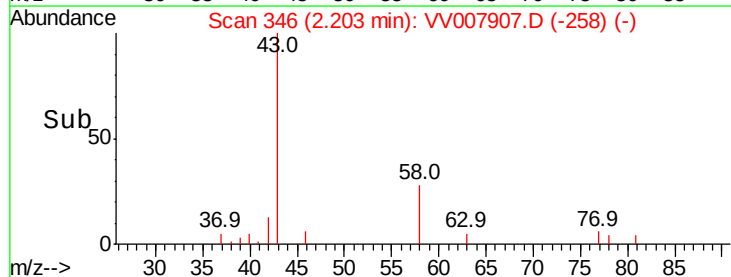
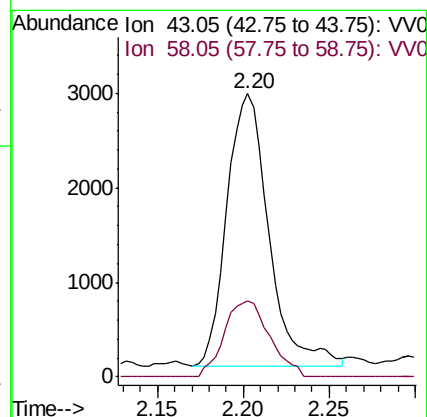
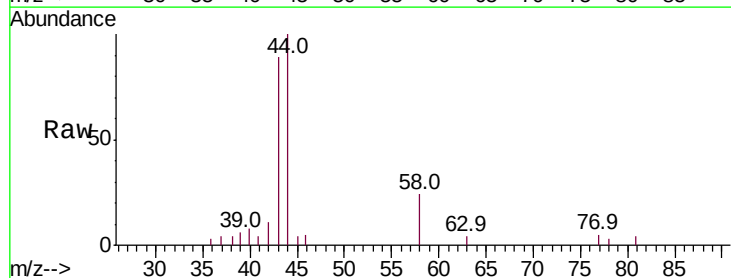
Acq: 27 Sep 2018 14:47

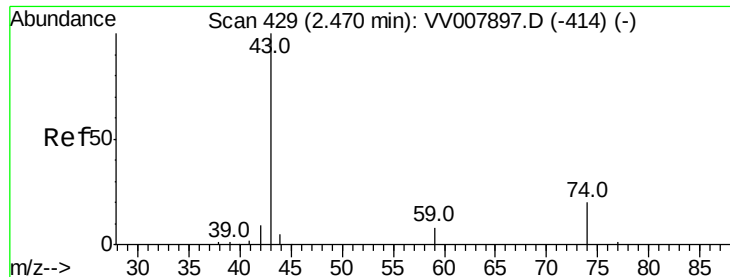
Tgt Ion: 43 Resp: 4880

Ion Ratio Lower Upper

43 100

58 30.1 0.0 62.0





#15

Methyl Acetate

Concen: 0.162 ug/L

RT: 2.52 min Scan# 444

Delta R.T. 0.05 min

Lab File: VV007907.D

Acq: 27 Sep 2018 14:47

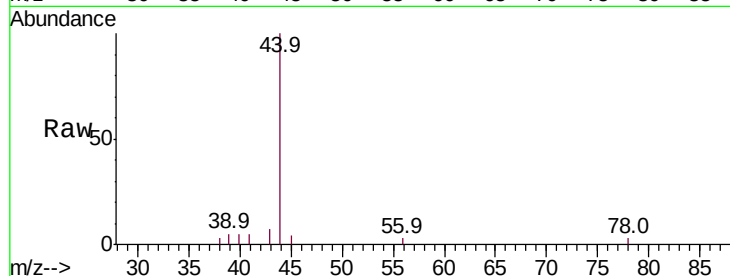
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 416

Ion Ratio Lower Upper

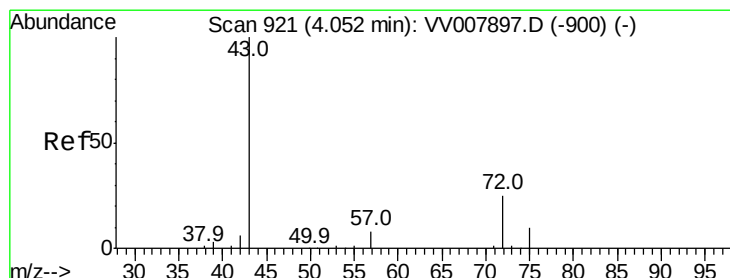
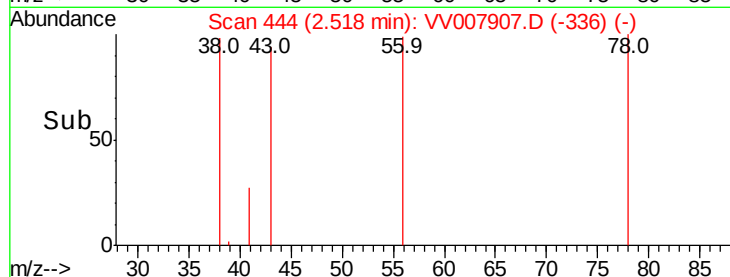
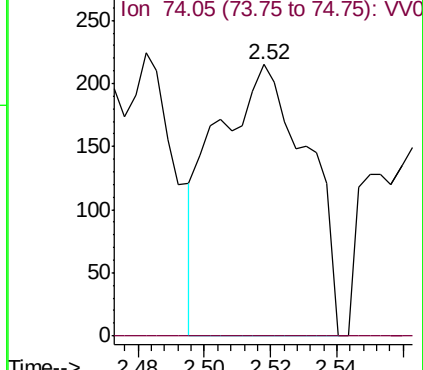
43 100

74 0.0 19.5 29.3#



Abundance Ion 43.05 (42.75 to 43.75): VV007897.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VV007897.D (-414) (-)



#21

2-Butanone

Concen: 23.349 ug/L

RT: 4.14 min Scan# 950

Delta R.T. 0.09 min

Lab File: VV007907.D

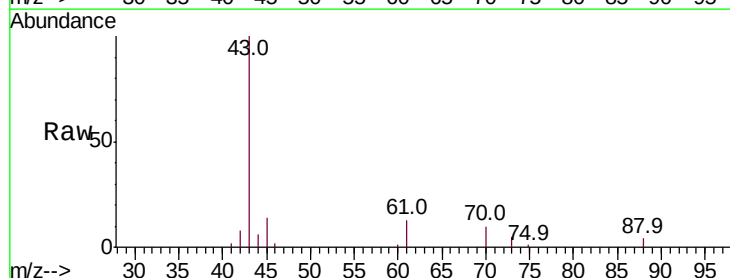
Acq: 27 Sep 2018 14:47

Tgt Ion: 43 Resp: 37406

Ion Ratio Lower Upper

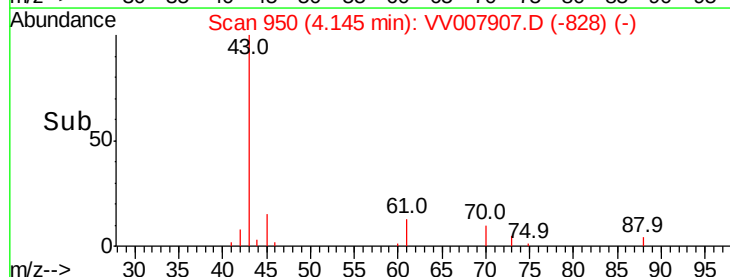
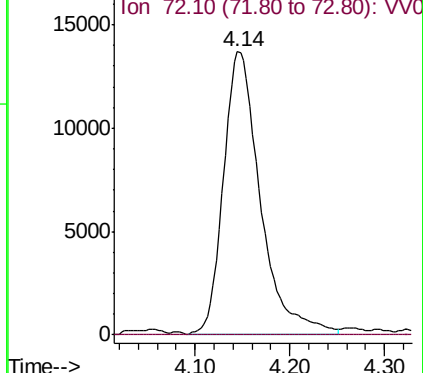
43 100

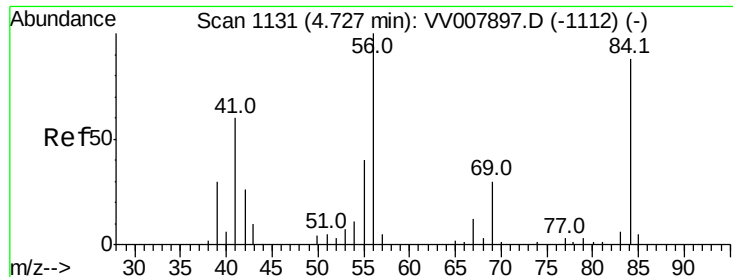
72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007897.D (-900) (-)

Ion 72.10 (71.80 to 72.80): VV007897.D (-900) (-)

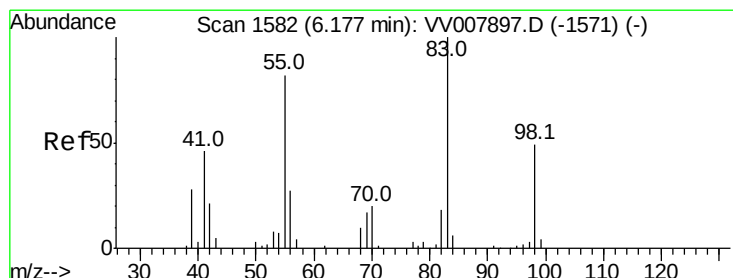
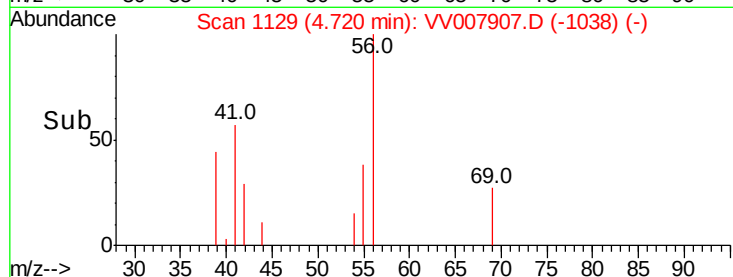
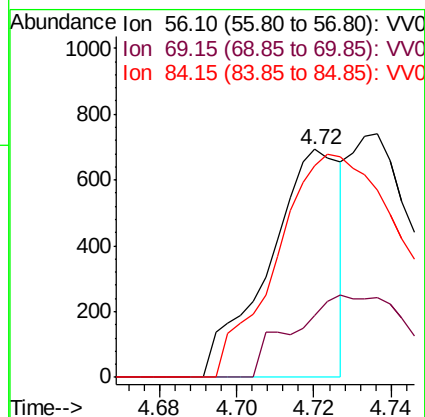
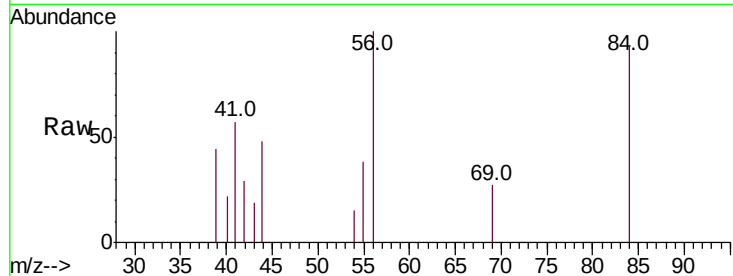




#30
Cyclohexane
Concen: 0.098 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: VV007907.D
Acq: 27 Sep 2018 14:47

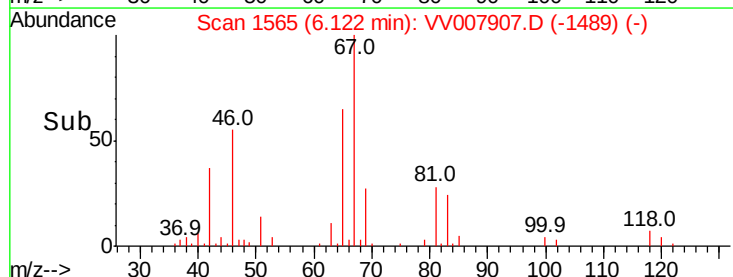
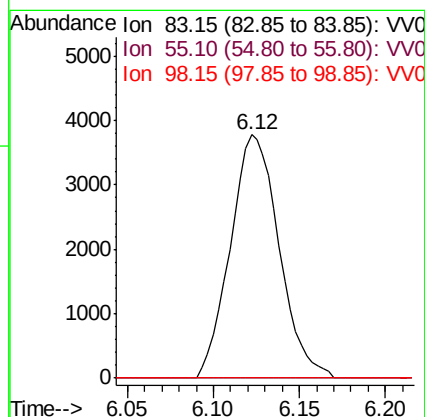
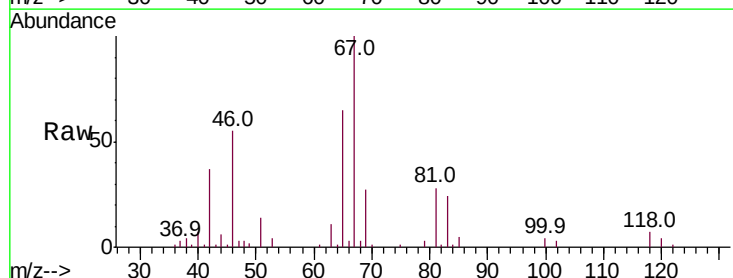
Instrument :
MSVOA_V
ClientSampled :

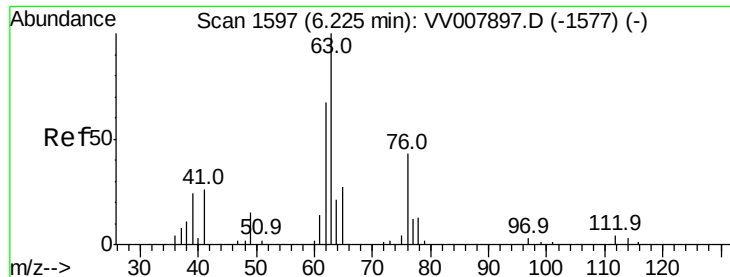
Tot Ion: 56 Resp: 898
Ion Ratio Lower Upper
56 100
69 53.1 24.2 36.4#
84 176.6 69.8 104.8#



#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007907.D
Acq: 27 Sep 2018 14:47

Tgt Ion: 83 Resp: 7453
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.0 38.0 57.0#

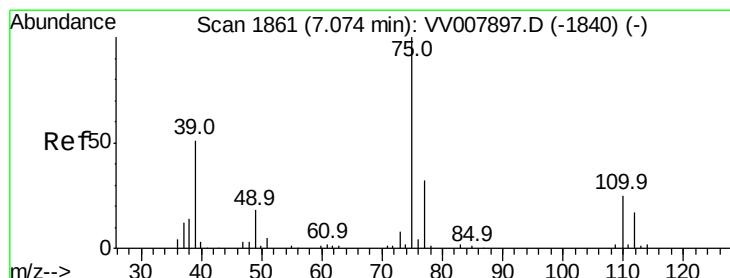
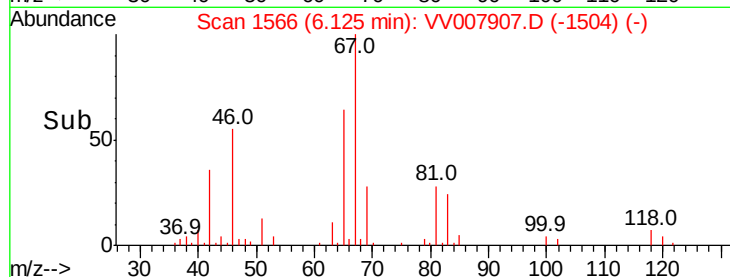
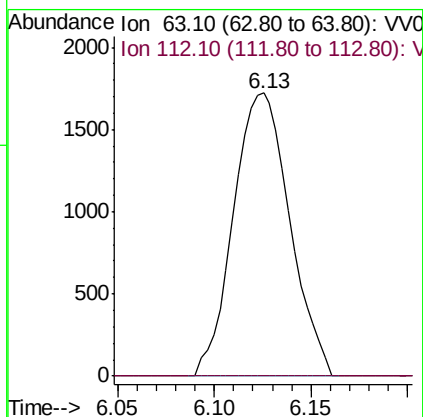
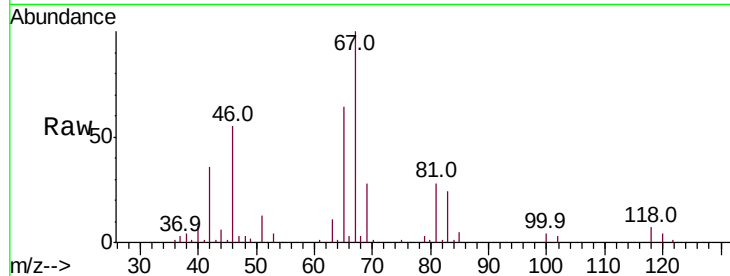




#37
 1,2-Dichloropropane
 Concen: 0.590 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007907.D
 Acq: 27 Sep 2018 14:47

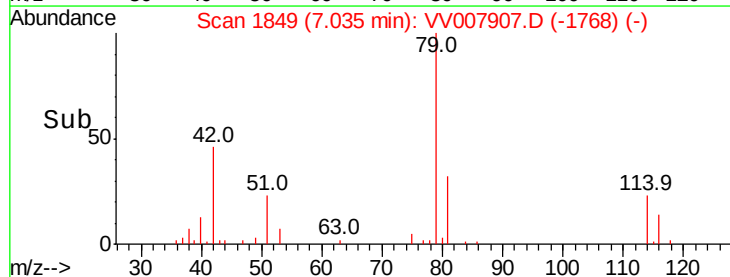
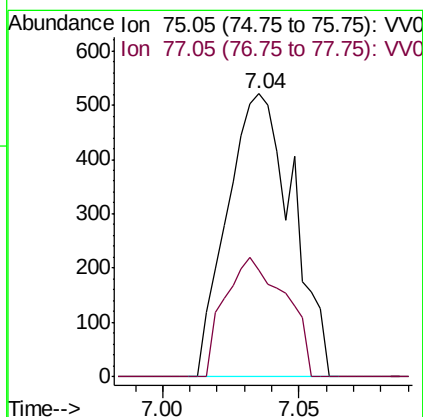
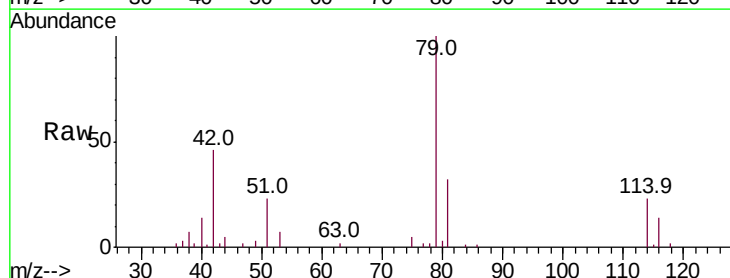
Instrument :
 MSVOA_V
 ClientSampleId :

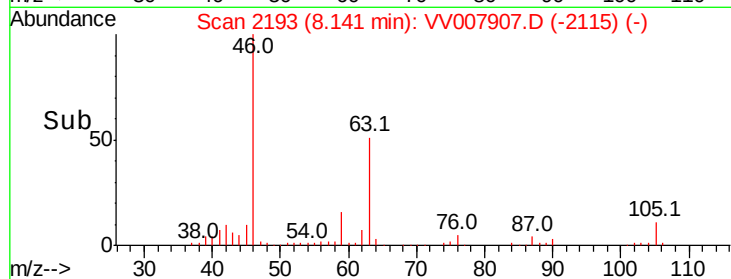
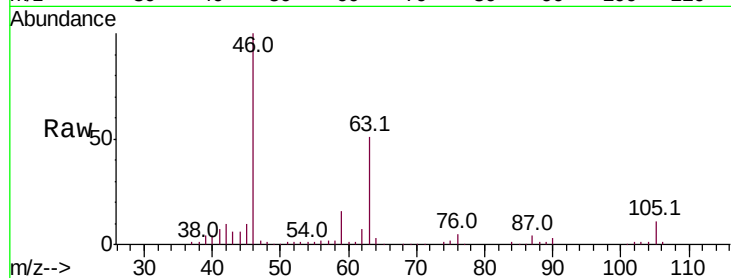
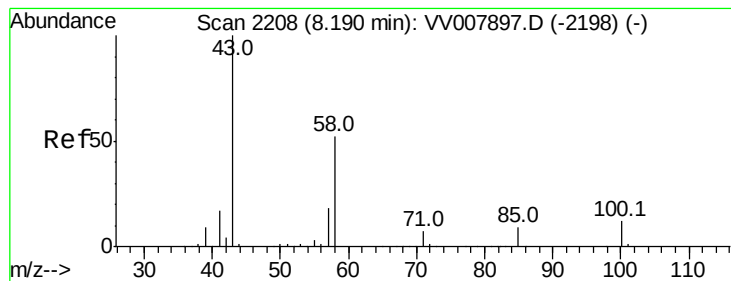
Tot Ion: 63 Resp: 3484
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007907.D
 Acq: 27 Sep 2018 14:47

Tgt Ion: 75 Resp: 864
 Ion Ratio Lower Upper
 75 100
 77 37.6 22.9 42.5





#48

2-Hexanone

Concen: 2.519 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV007907.D

Acq: 27 Sep 2018 14:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6498

Ion Ratio Lower Upper

43 100

58 34.7 41.9 62.9#

57 30.2 14.3 21.5#

100 0.0 9.2 13.8#

