

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007906.D
 Acq On : 27 Sep 2018 14:20
 Operator : SY/MD
 Sample : J5063-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 00:44:57 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	88556	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23000	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.59	69	20885	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.14	63	37726	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.96	46	66814	46.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.58%
24) Chloroform-d	4.41	84	52333	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	29386	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	102113	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	31567	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	96924	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	10702	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	49284	46.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22765	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40409	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

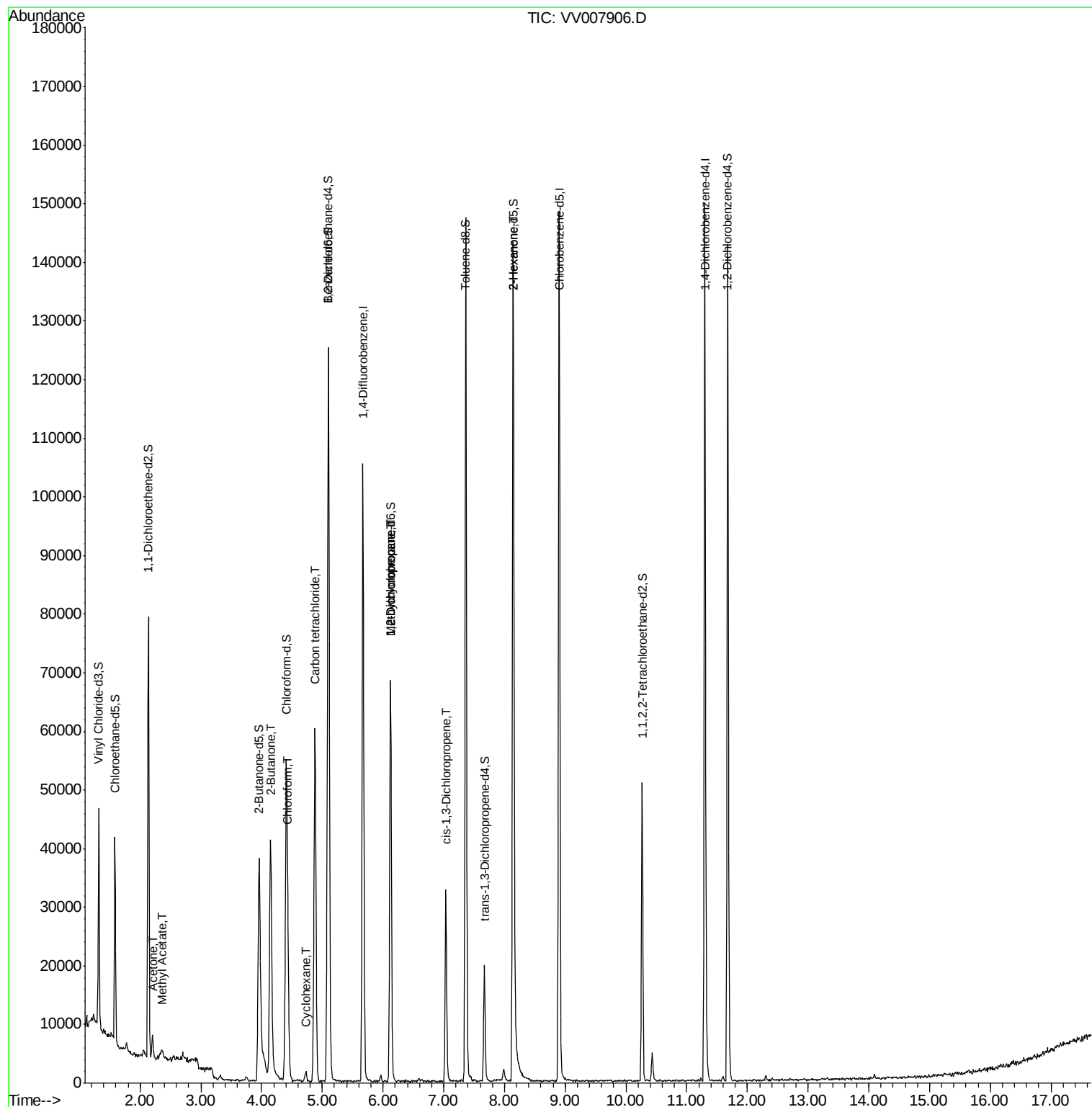
					Ovalue
13) Acetone	2.21	43	4375	4.205	ug/L 92
15) Methyl Acetate	2.35	43	371	0.139	ug/L # 51
21) 2-Butanone	4.15	43	66012	39.825	ug/L # 50
25) Chloroform	4.44	83	12895	1.083	ug/L 96
30) Cyclohexane	4.73	56	722	0.078	ug/L # 86
31) Carbon tetrachloride	4.88	117	43501	4.994	ug/L 99
35) Methylcyclohexane	6.12	83	7763	0.768	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3846	0.640	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	894	0.111	ug/L # 48
48) 2-Hexanone	8.14	43	6867	2.617	ug/L # 78

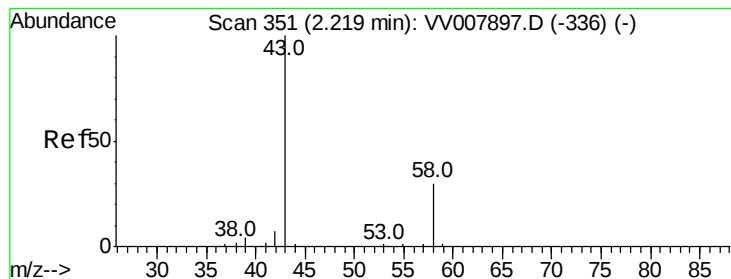
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.205 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV007906.D

Acq: 27 Sep 2018 14:20

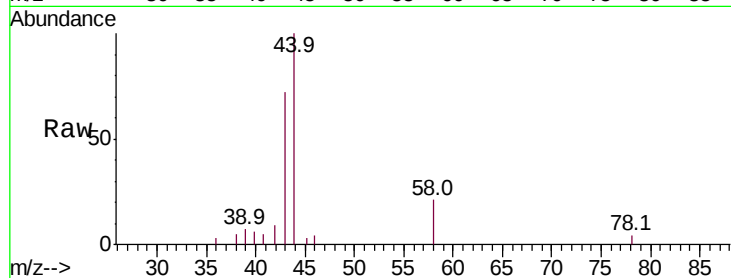
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4375

Ion Ratio Lower Upper

43 100

58 26.5 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007897.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007897.D (-336) (-)

2.21

2500

2000

1500

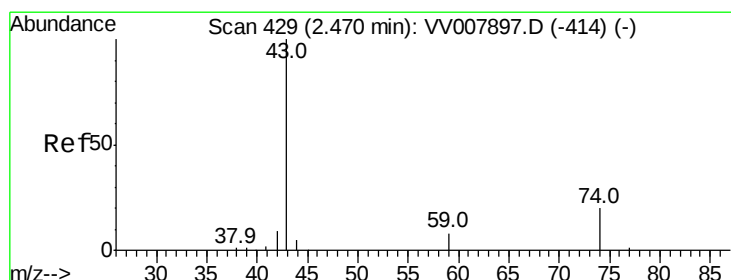
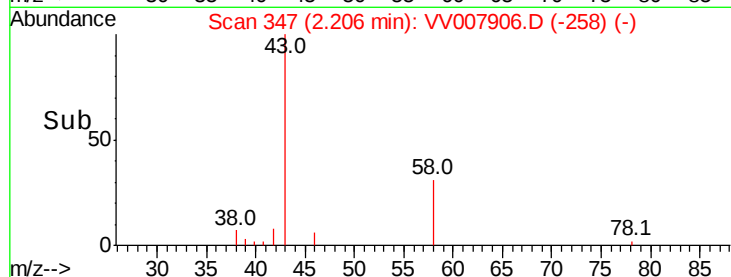
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 0.139 ug/L

RT: 2.35 min Scan# 393

Delta R.T. -0.12 min

Lab File: VV007906.D

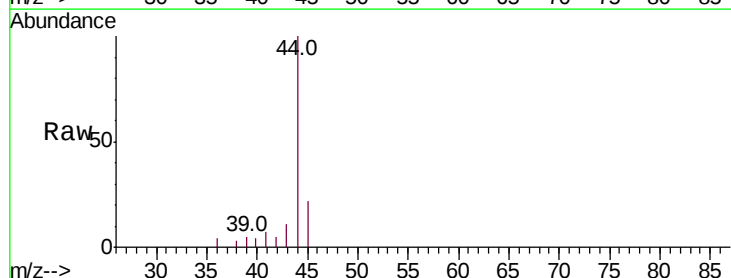
Acq: 27 Sep 2018 14:20

Tgt Ion: 43 Resp: 371

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) (-)

2.35

400

300

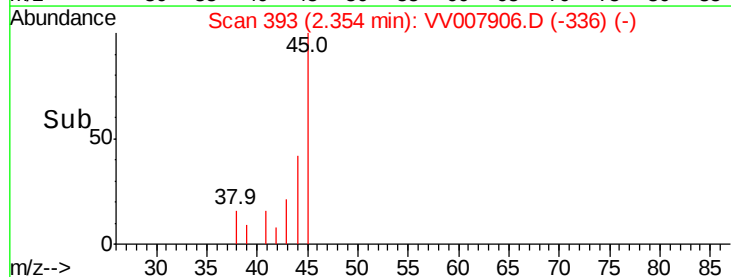
200

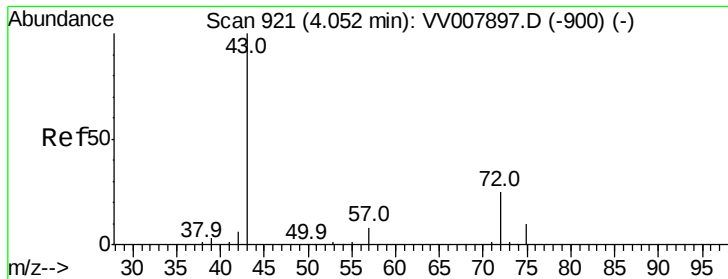
100

0

Time-->

2.30 2.35





#21

2-Butanone

Concen: 39.825 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007906.D

Acq: 27 Sep 2018 14:20

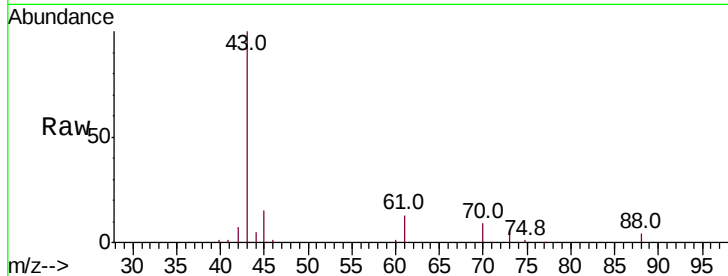
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 66012

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) (-)

4.15

25000

20000

15000

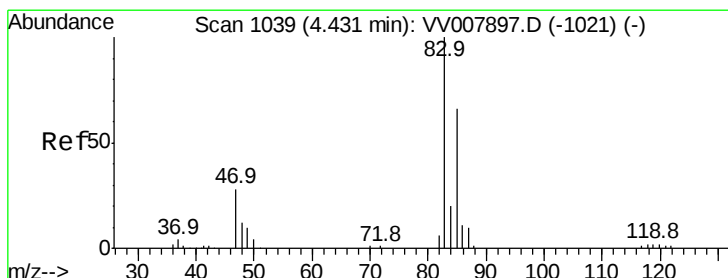
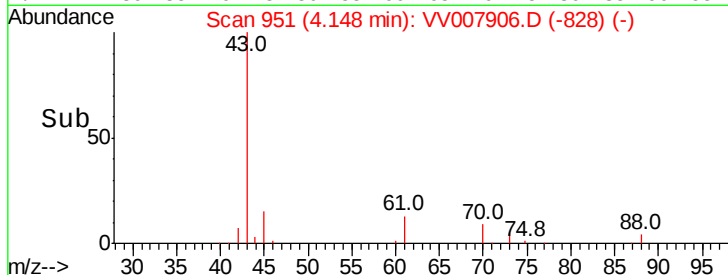
10000

5000

0

4.10 4.20

Time-->



#25

Chloroform

Concen: 1.083 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV007906.D

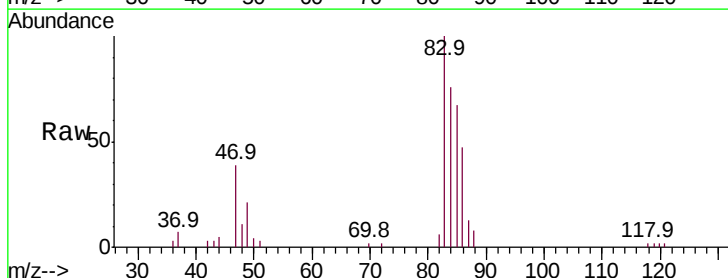
Acq: 27 Sep 2018 14:20

Tgt Ion: 83 Resp: 12895

Ion Ratio Lower Upper

83 100

85 66.9 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007897.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007897.D (-1021) (-)

4.44

6000

5000

4000

3000

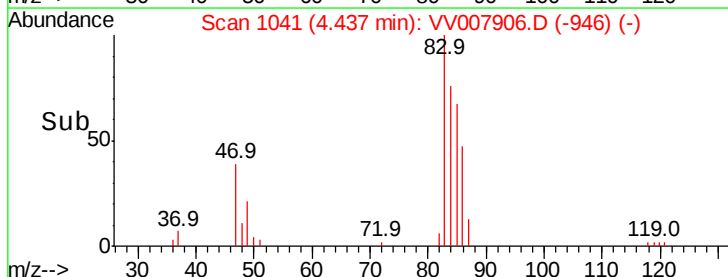
2000

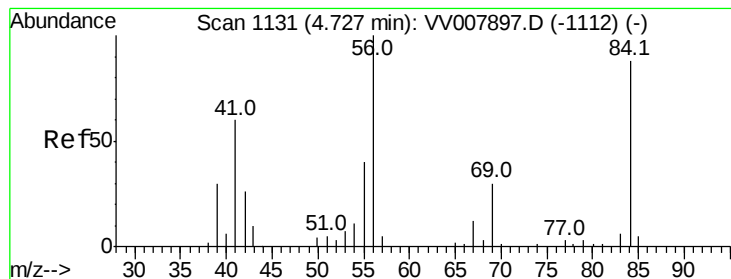
1000

0

4.35 4.40 4.45 4.50

Time-->





#30

Cyclohexane

Concen: 0.078 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.00 min

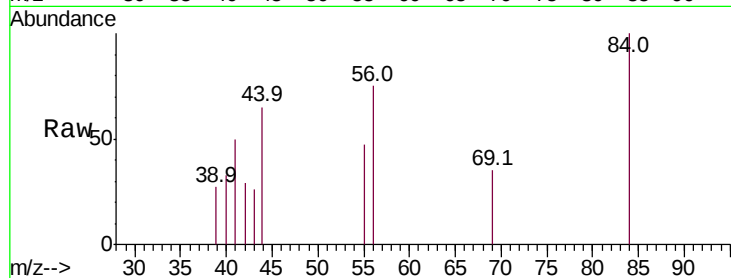
Lab File: VV007906.D

Acq: 27 Sep 2018 14:20

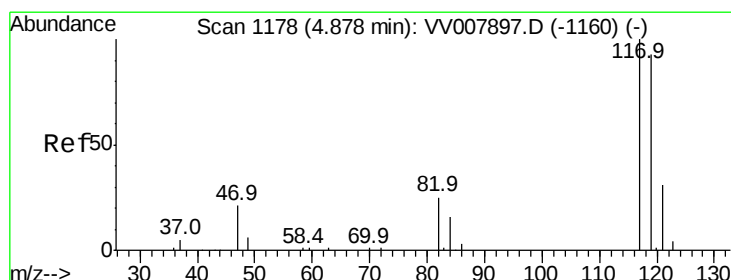
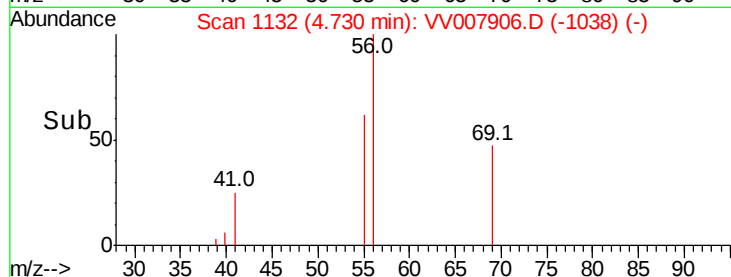
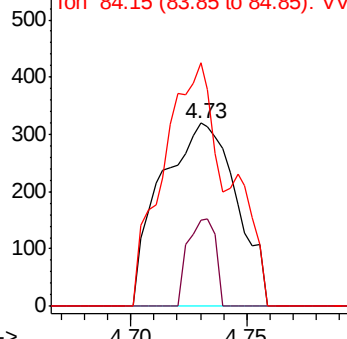
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 56 Resp: 722

Ion	Ratio	Lower	Upper
56	100		
69	17.6	24.2	36.4#
84	97.1	69.8	104.8



Abundance Ion 56.10 (55.80 to 56.80): VV007897.D (-1112) (-)



#31

Carbon tetrachloride

Concen: 4.994 ug/L

RT: 4.88 min Scan# 1179

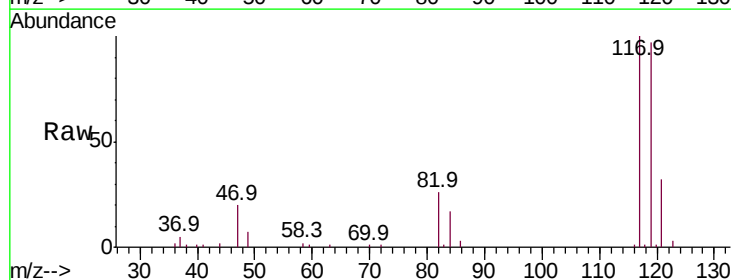
Delta R.T. 0.00 min

Lab File: VV007906.D

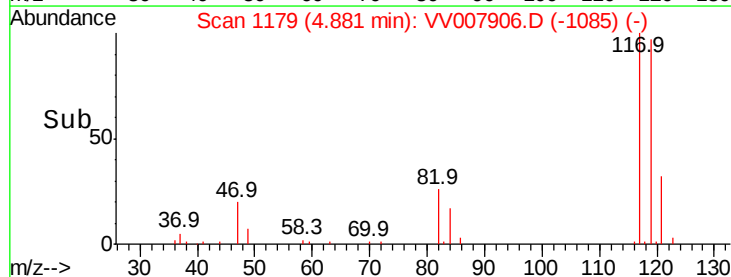
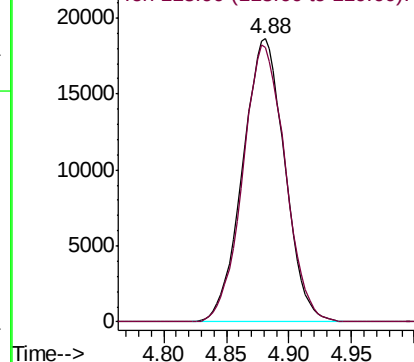
Acq: 27 Sep 2018 14:20

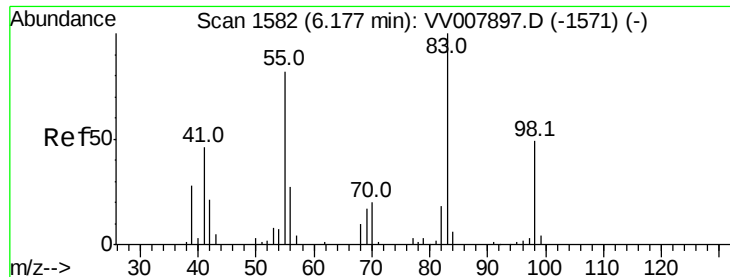
Tgt Ion: 117 Resp: 43501

Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.8	116.8



Abundance Ion 116.90 (116.60 to 117.60): VV007897.D (-1160) (-)

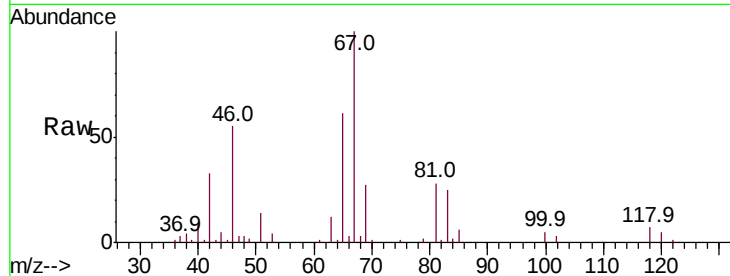




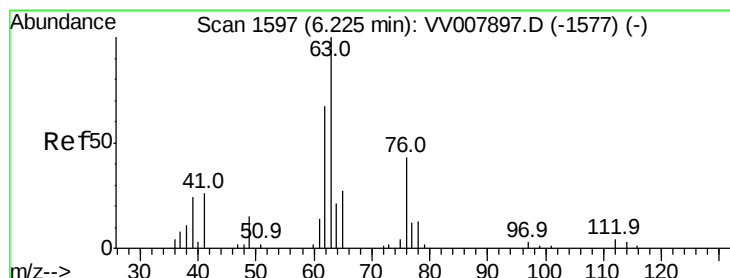
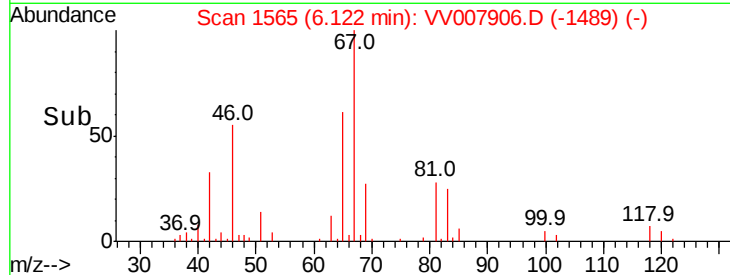
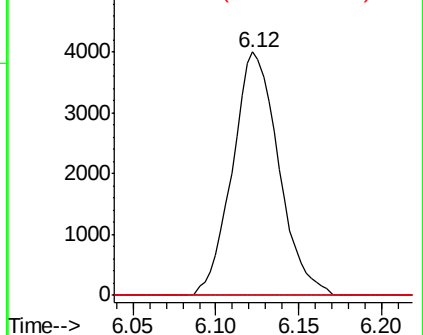
#35
Methvlcvclohexane
Concen: 0.768 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007906.D
Acq: 27 Sep 2018 14:20

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 7763
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.0 38.0 57.0#

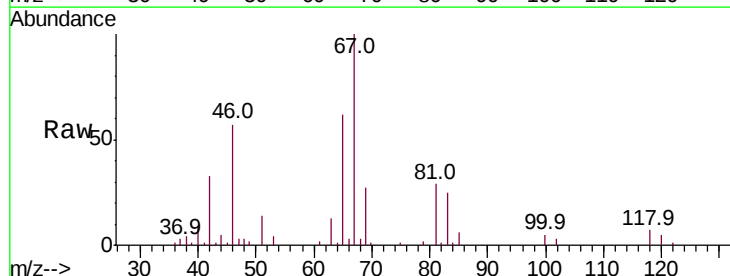


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

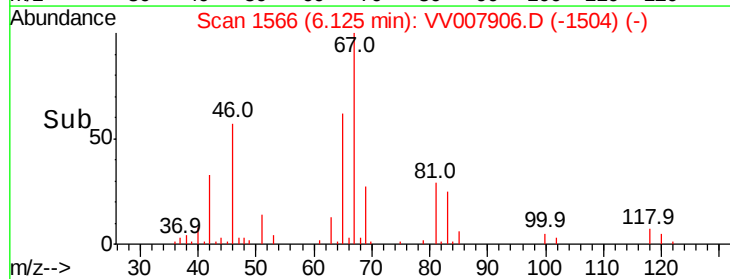
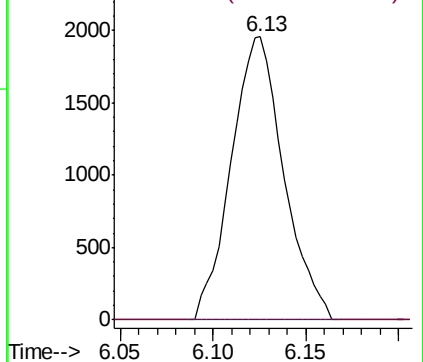


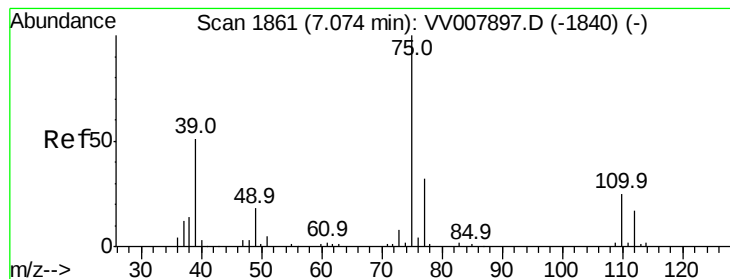
#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007906.D
Acq: 27 Sep 2018 14:20

Tgt Ion: 63 Resp: 3846
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



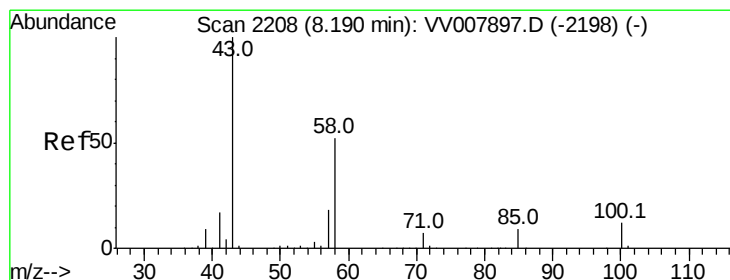
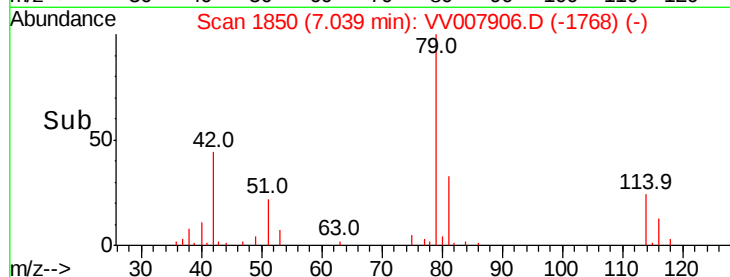
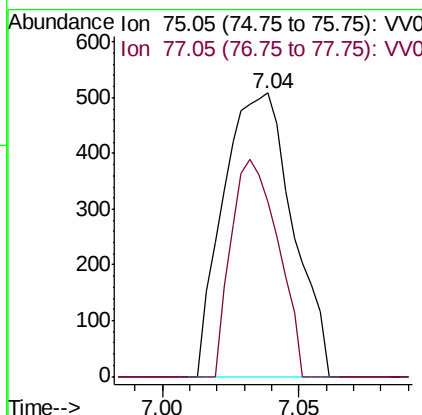
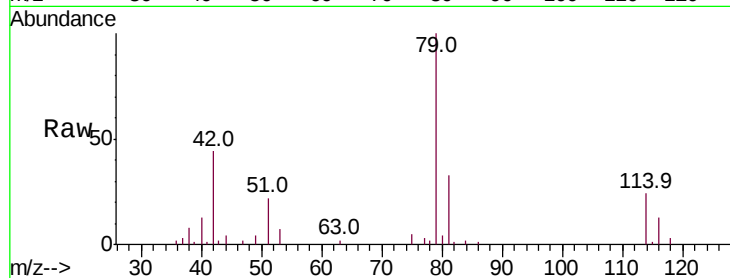


#39

cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007906.D
 Acq: 27 Sep 2018 14:20

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 894
 Ion Ratio Lower Upper
 75 100
 77 61.8 22.9 42.5#



#48

2-Hexanone
 Concen: 2.617 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV007906.D
 Acq: 27 Sep 2018 14:20

Tgt Ion: 43 Resp: 6867
 Ion Ratio Lower Upper
 43 100
 58 39.1 41.9 62.9#
 57 29.0 14.3 21.5#
 100 0.0 9.2 13.8#

