

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007901.D
 Acq On : 27 Sep 2018 12:04
 Operator : SY/MD
 Sample : J5063-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 00:44:20 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	94984	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89424	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23690	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.59	69	21730	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.14	63	40077	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.96	46	65996	43.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.18%
24) Chloroform-d	4.41	84	53081	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.09	65	29488	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.10	84	106100	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	33087	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	101905	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	11564	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	48373	42.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23288	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	42077	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

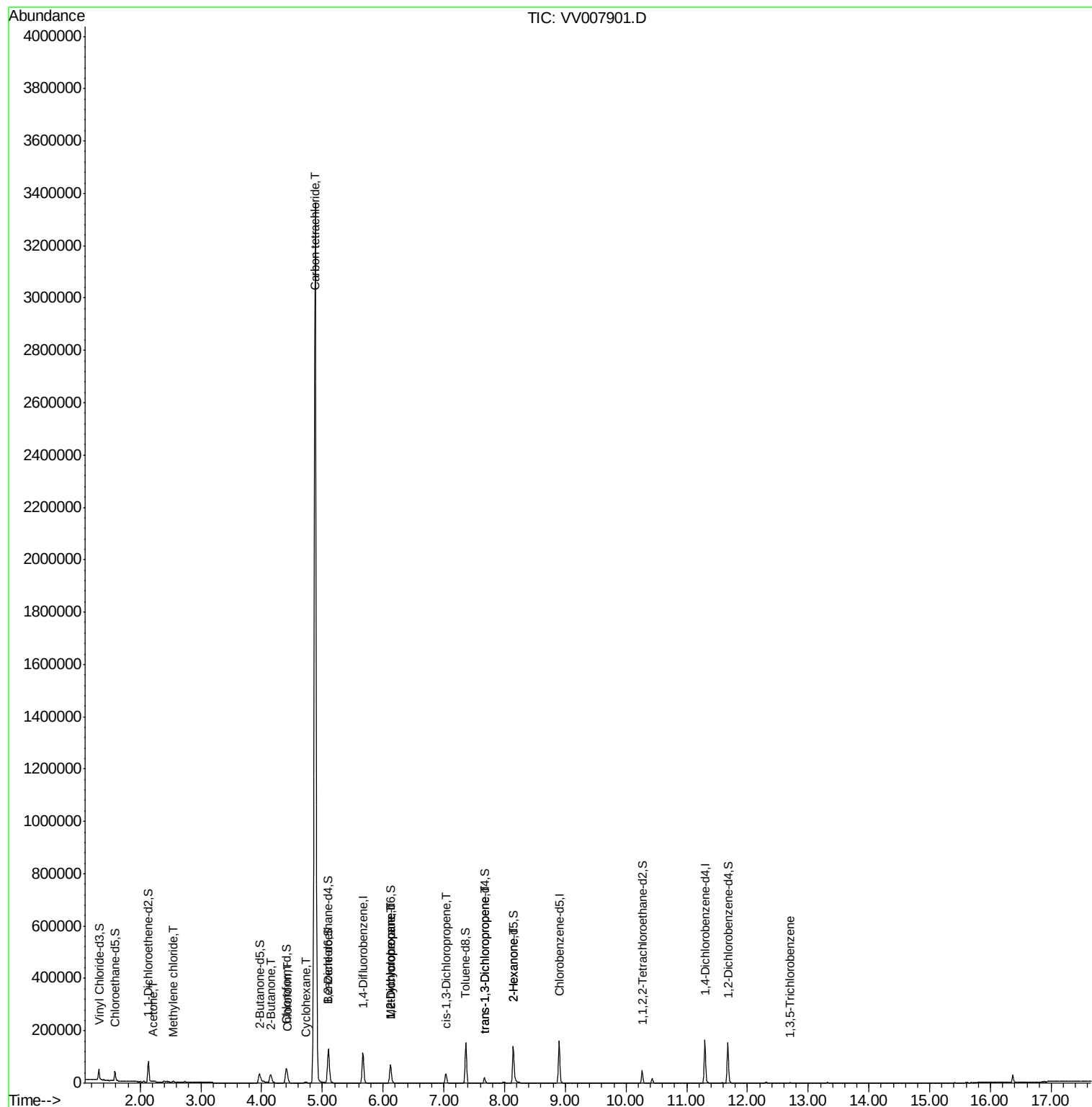
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	5267	4.720	ug/L	97
16) Methylene chloride	2.54	84	907	0.130	ug/L	93
21) 2-Butanone	4.15	43	51488	28.961	ug/L #	50
25) Chloroform	4.44	83	6563	0.514	ug/L	95
30) Cyclohexane	4.73	56	2650	0.262	ug/L #	29
31) Carbon tetrachloride	4.88	117	2449496	258.398	ug/L	99
35) Methylcyclohexane	6.12	83	8282	0.753	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3742	0.572	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	966	0.110	ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	586	0.081	ug/L	83
48) 2-Hexanone	8.14	43	7890	2.763	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.70	180	703	0.055	ug/L #	84

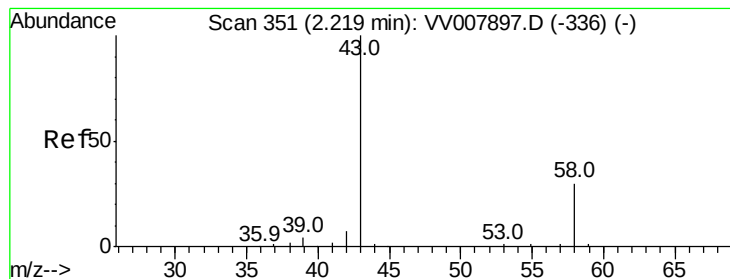
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 4.720 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV007901.D

Acq: 27 Sep 2018 12:04

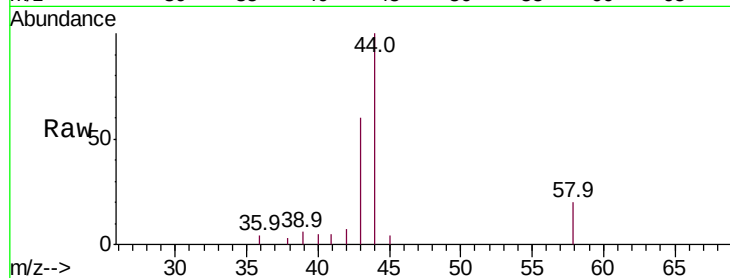
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5267

Ion Ratio Lower Upper

43 100

58 29.4 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

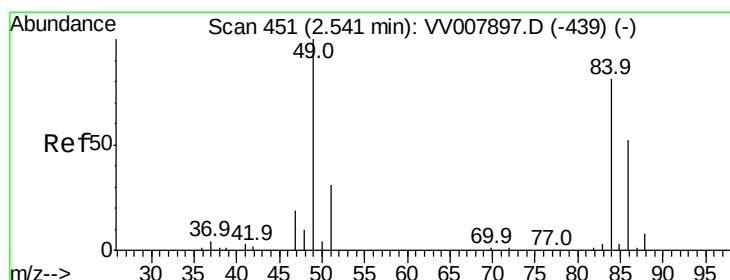
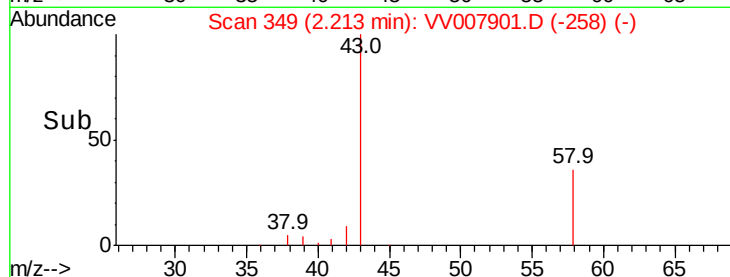
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#16

Methylene chloride

Concen: 0.130 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV007901.D

Acq: 27 Sep 2018 12:04

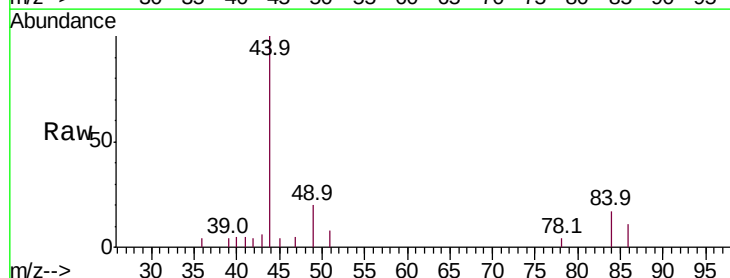
Tgt Ion: 84 Resp: 907

Ion Ratio Lower Upper

84 100

86 61.9 47.3 87.8

49 119.7 90.0 167.2



Abundance Ion 84.05 (83.75 to 84.75): VV007897.D (-439) (-)

Ion 86.00 (85.70 to 86.70): VV007897.D (-439) (-)

Ion 49.10 (48.80 to 49.80): VV007897.D (-439) (-)

2.54

800

600

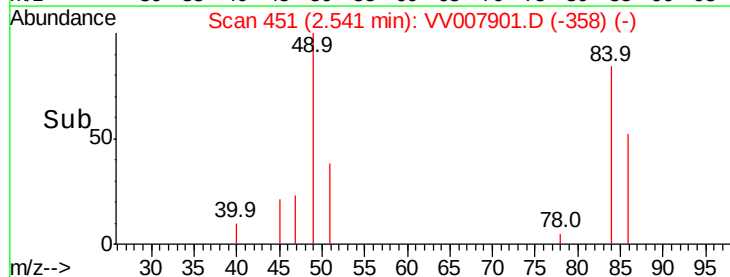
400

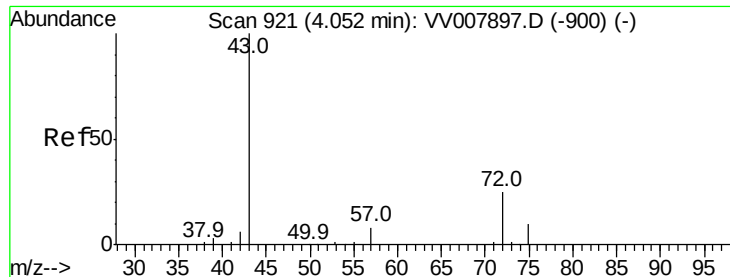
200

0

Time-->

2.50 2.52 2.54 2.56 2.58

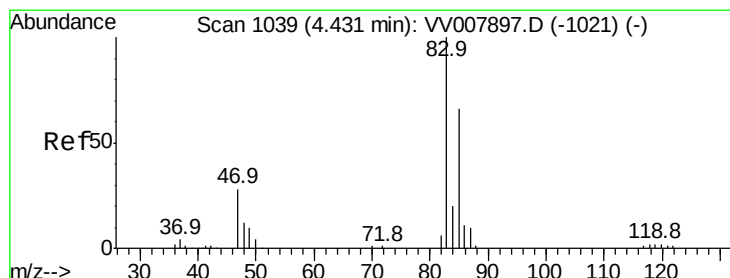
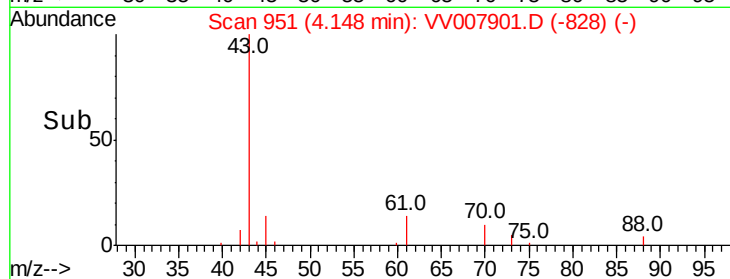
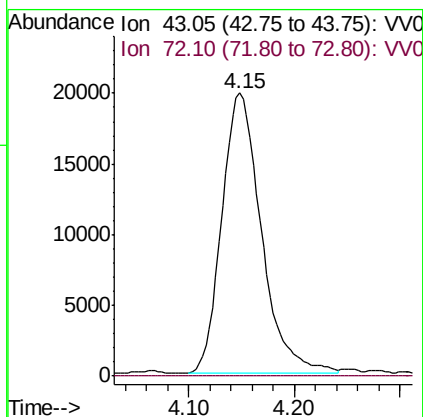
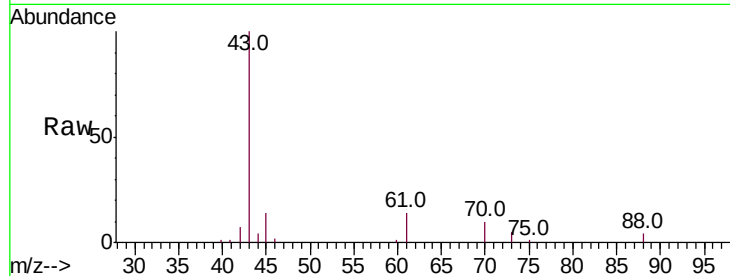




#21
2-Butanone
Concen: 28.961 ug/L
RT: 4.15 min Scan# 951
Delta R.T. 0.10 min
Lab File: VV007901.D
Acq: 27 Sep 2018 12:04

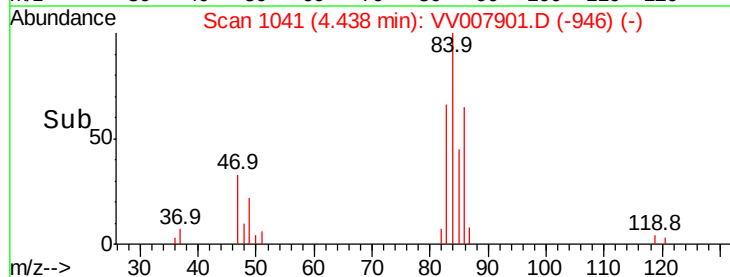
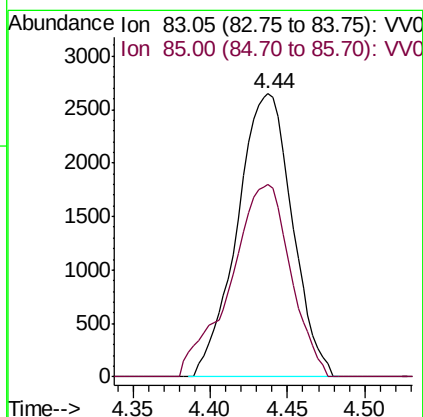
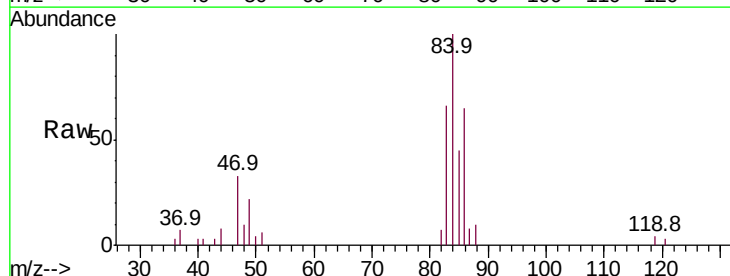
Instrument :
MSVOA_V
ClientSampled :

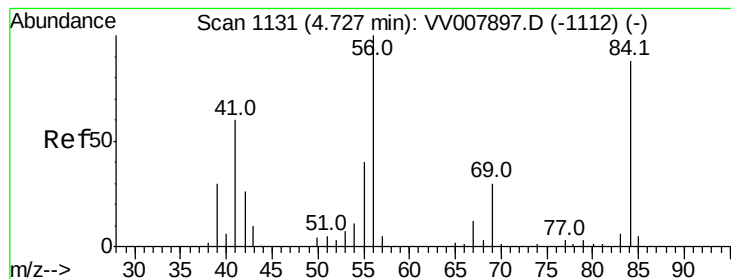
Tot Ion: 43 Resp: 51488
Ion Ratio Lower Upper
43 100
72 0.0 12.5 37.5#



#25
Chloroform
Concen: 0.514 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV007901.D
Acq: 27 Sep 2018 12:04

Tgt Ion: 83 Resp: 6563
Ion Ratio Lower Upper
83 100
85 68.1 44.8 83.2





#30

Cyclohexane

Concen: 0.262 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.00 min

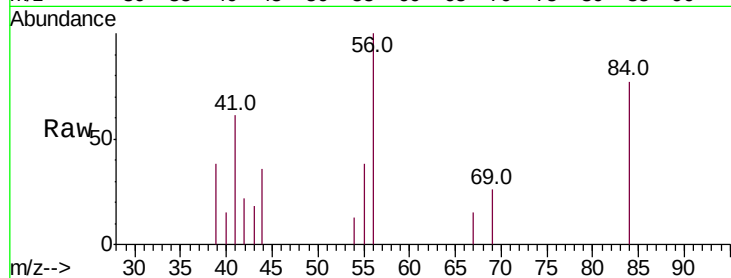
Lab File: VV007901.D

Acq: 27 Sep 2018 12:04

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 56 Resp: 2650

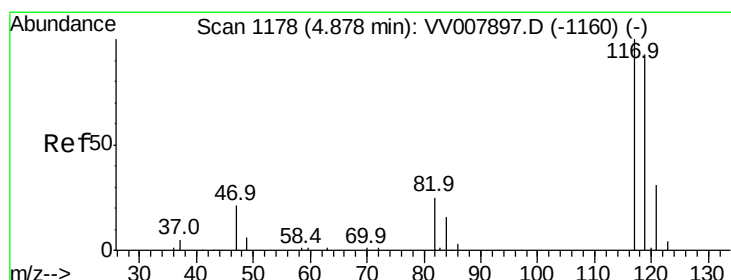
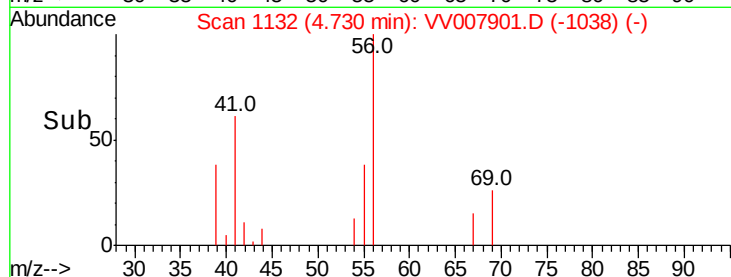
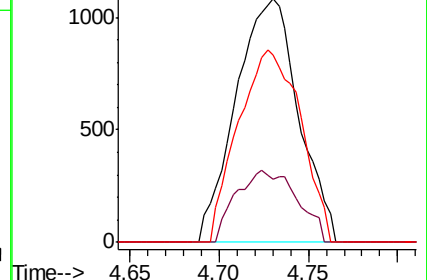
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.2	36.4
84	0.0	69.8	104.8#



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

Ion 69.15 (68.85 to 69.85): VV007897.D (-1112) (-)

Ion 84.15 (83.85 to 84.85): VV007897.D (-1112) (-)



#31

Carbon tetrachloride

Concen: 258.398 ug/L

RT: 4.88 min Scan# 1179

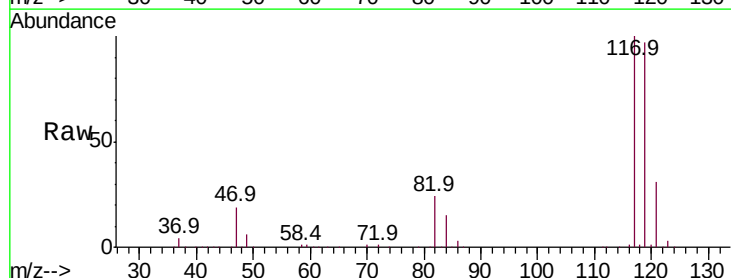
Delta R.T. 0.00 min

Lab File: VV007901.D

Acq: 27 Sep 2018 12:04

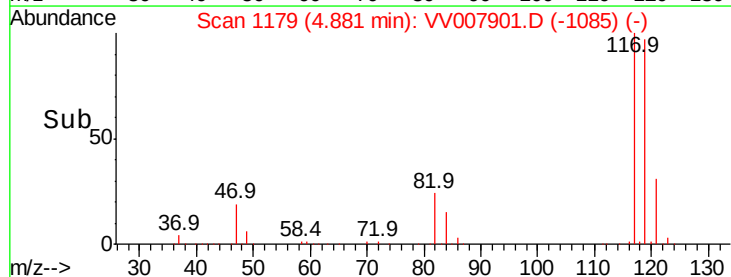
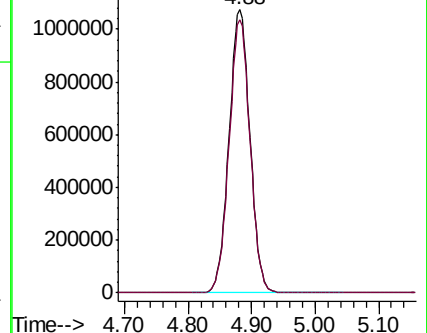
Tgt Ion: 117 Resp: 2449496

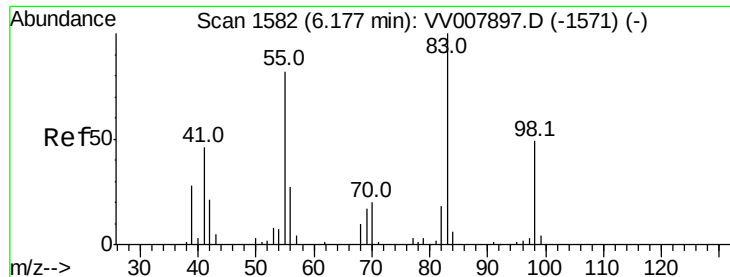
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.8



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

Ion 118.90 (118.60 to 119.60): VV007897.D (-1160) (-)

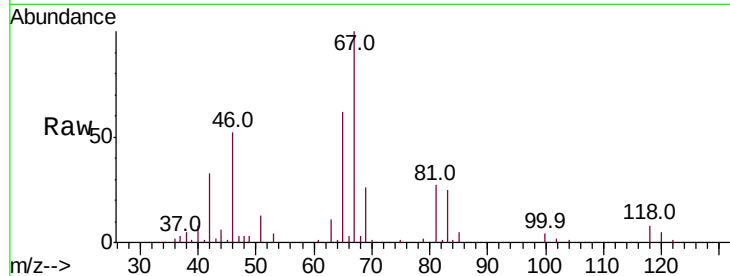




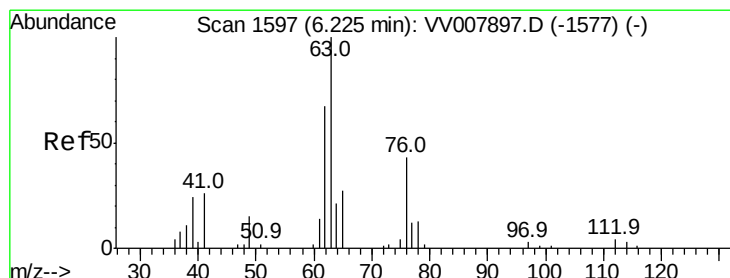
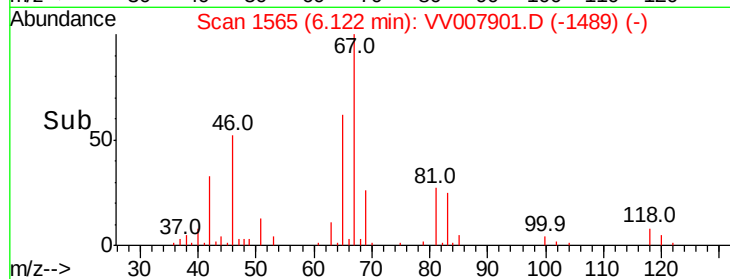
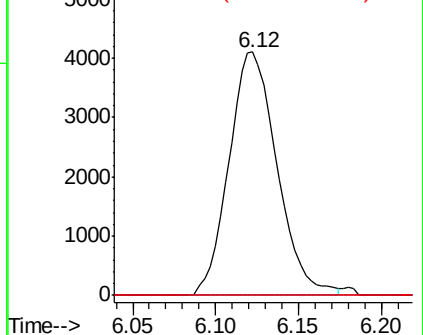
#35
Methylvlcyclohexane
Concen: 0.753 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007901.D
Acq: 27 Sep 2018 12:04

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 8282
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.0 38.0 57.0#

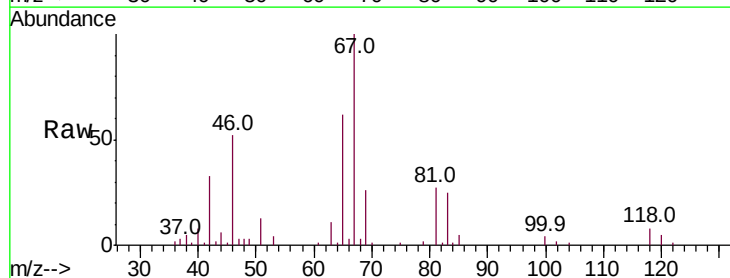


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

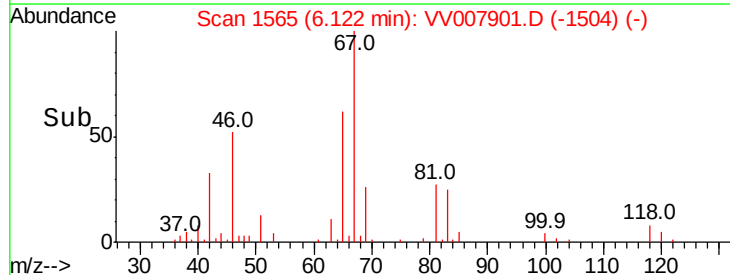
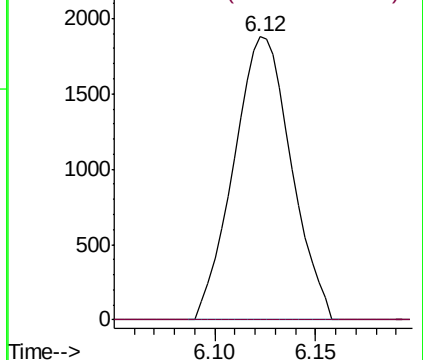


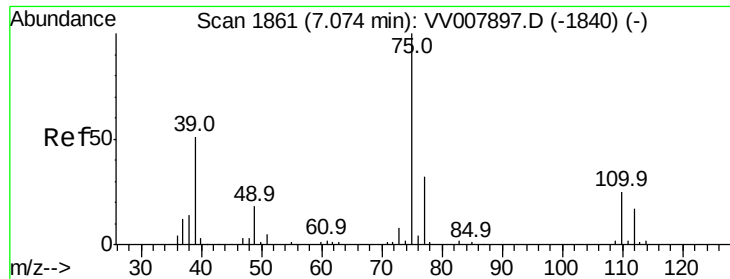
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007901.D
Acq: 27 Sep 2018 12:04

Tgt Ion: 63 Resp: 3742
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

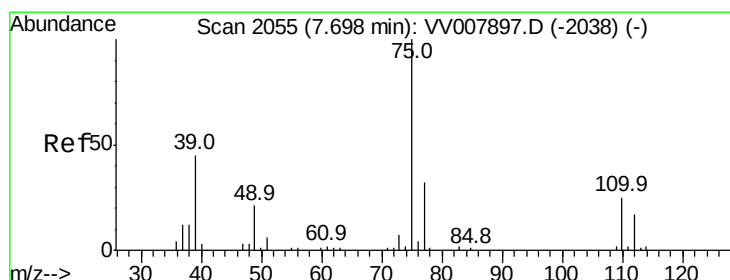
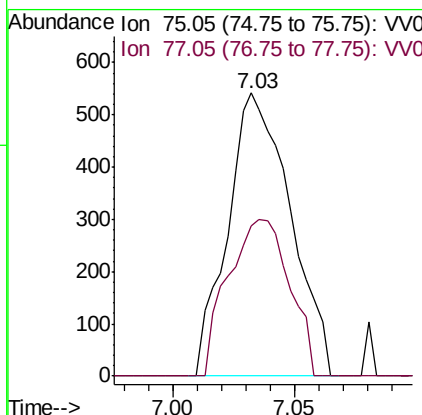
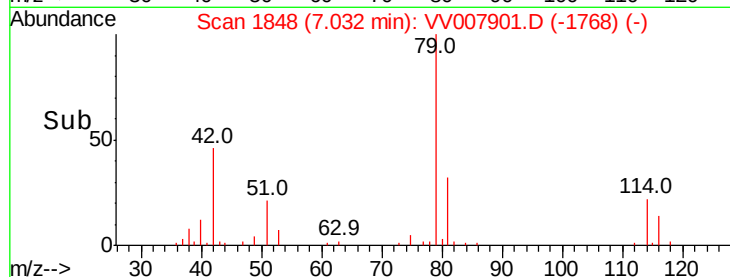
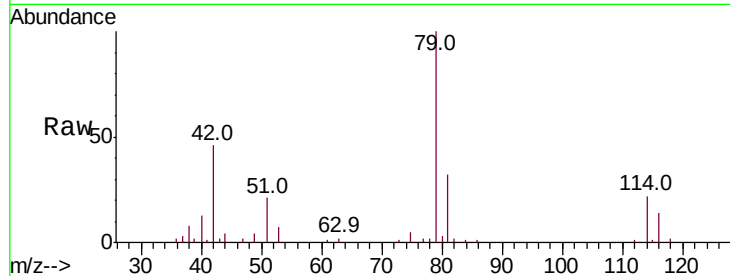




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007901.D
 Acq: 27 Sep 2018 12:04

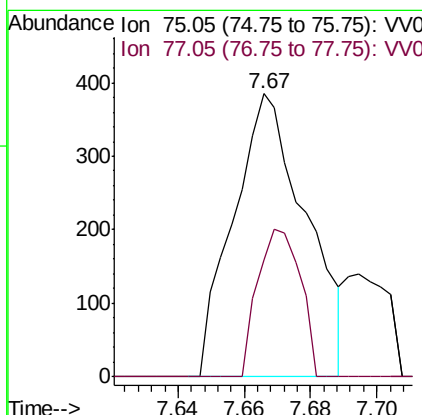
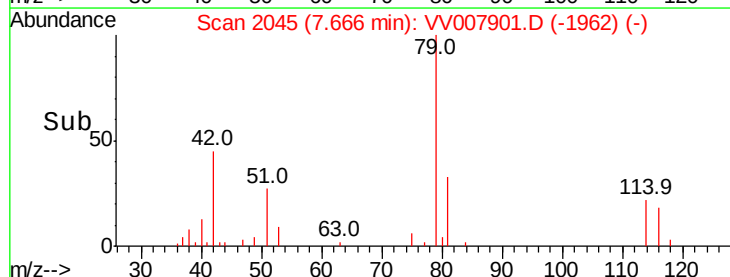
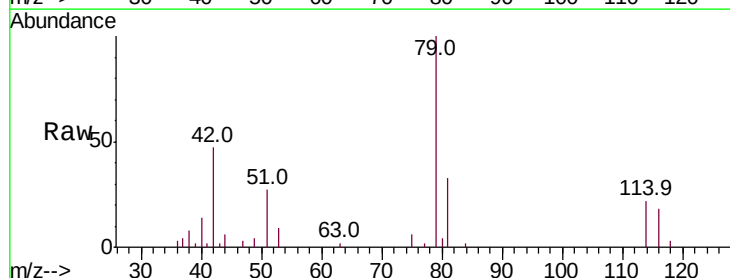
Instrument :
 MSVOA_V
 ClientSampled :

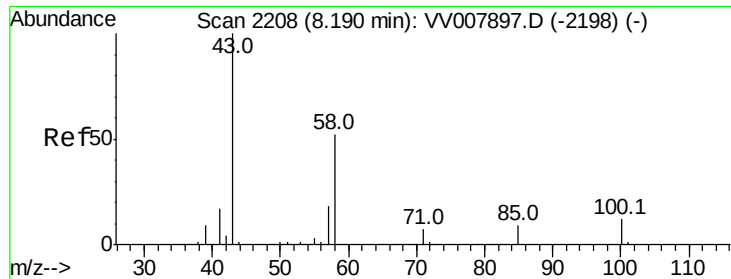
Tot Ion: 75 Resp: 966
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.9 42.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV007901.D
 Acq: 27 Sep 2018 12:04

Tgt Ion: 75 Resp: 586
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.3 41.5

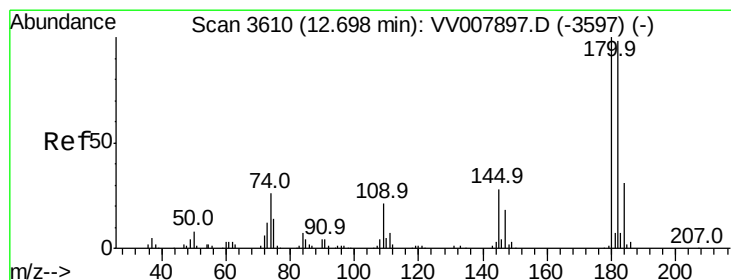
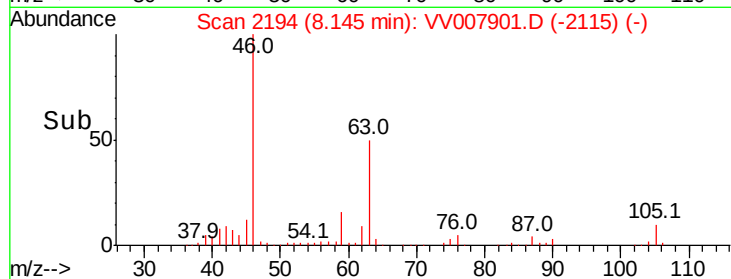
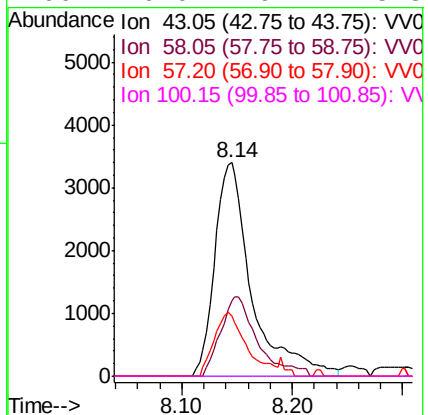
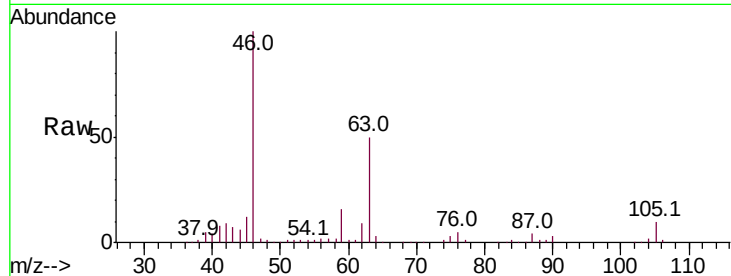




#48
2-Hexanone
Concen: 2.763 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV007901.D
Acq: 27 Sep 2018 12:04

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7890
Ion Ratio Lower Upper
43 100
58 37.1 41.9 62.9#
57 26.3 14.3 21.5#
100 0.0 9.2 13.8#



#67
1,3,5-Trichlorobenzene
Concen: 0.055 ug/L
RT: 12.70 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VV007901.D
Acq: 27 Sep 2018 12:04

Tgt Ion: 180 Resp: 703
Ion Ratio Lower Upper
180 100
182 84.8 76.2 114.4
184 17.2 24.5 36.7#
145 16.4 22.2 33.4#

