

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007904.D
 Acq On : 27 Sep 2018 13:25
 Operator : SY/MD
 Sample : J5063-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 00:44:40 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	87904	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83201	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22850	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.59	69	20480	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.14	63	38353	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.97	46	67361	47.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	4.41	84	50967	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	28988	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	103042	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	32509	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	97949	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	11342	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	50337	47.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23326	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	40466	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

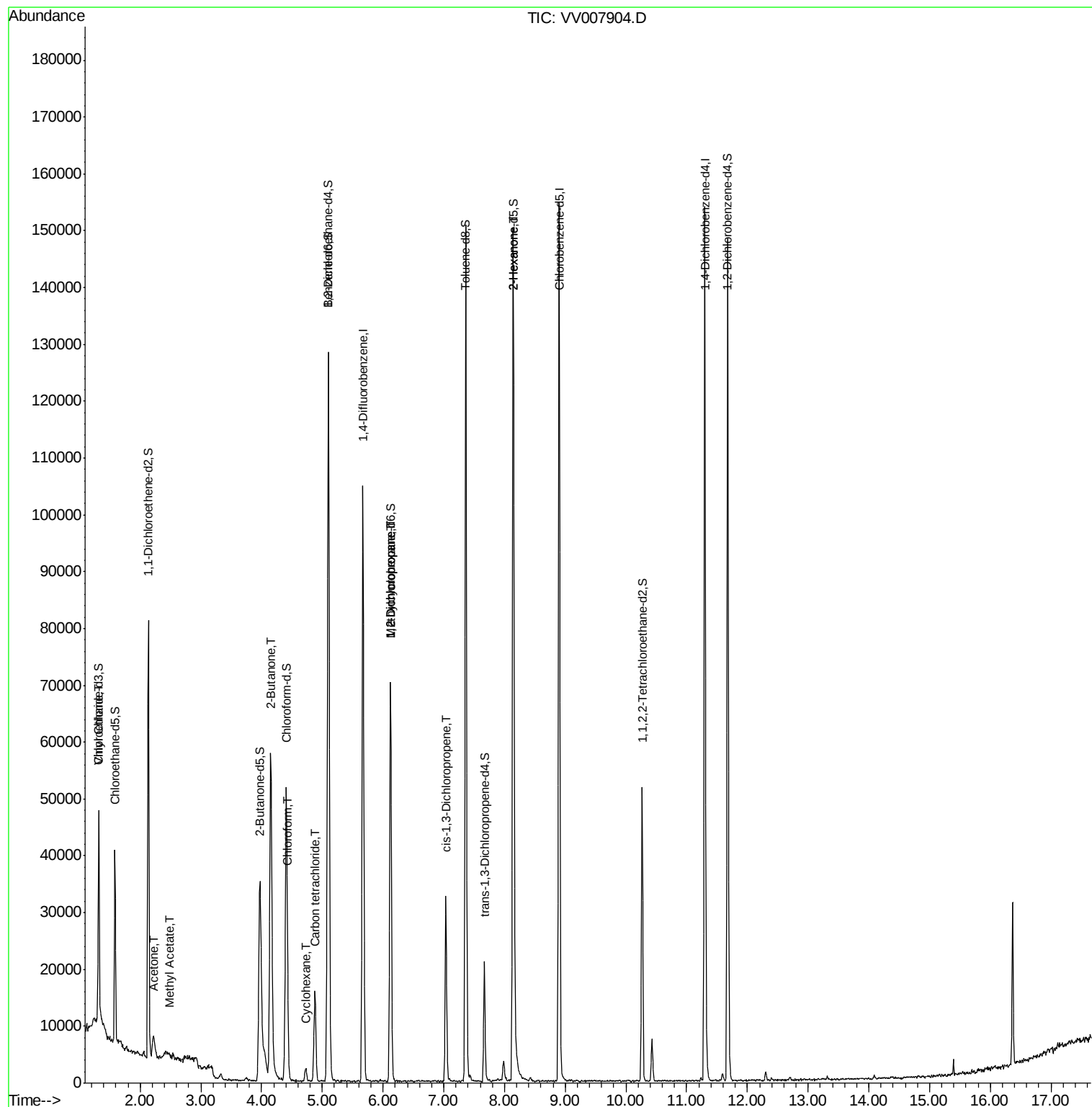
					Ovalue
8) Chloroethane	1.32	64	361	0.085 ug/L #	1
13) Acetone	2.22	43	5573	5.396 ug/L	97
15) Methyl Acetate	2.47	43	318	0.120 ug/L #	51
21) 2-Butanone	4.15	43	90957	55.282 ug/L #	50
25) Chloroform	4.43	83	1641	0.139 ug/L	98
30) Cyclohexane	4.73	56	1211	0.129 ug/L #	62
31) Carbon tetrachloride	4.88	117	11232	1.273 ug/L	100
35) Methylcyclohexane	6.13	83	7594	0.742 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3955	0.650 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	841	0.103 ug/L #	76
48) 2-Hexanone	8.14	43	7286	2.742 ug/L #	77

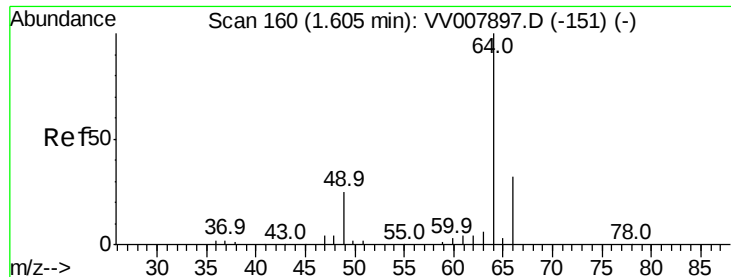
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.085 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007904.D

Acq: 27 Sep 2018 13:25

Instrument :

MSVOA_V

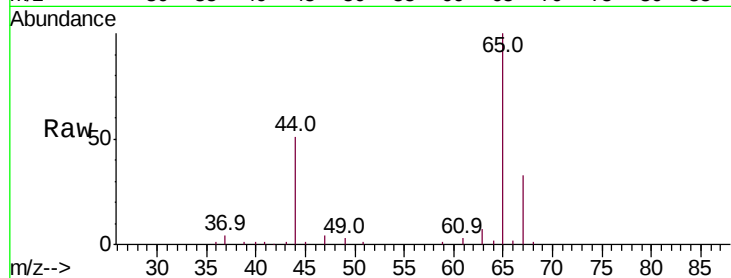
ClientSampleId :

Tot Ion: 64 Resp: 361

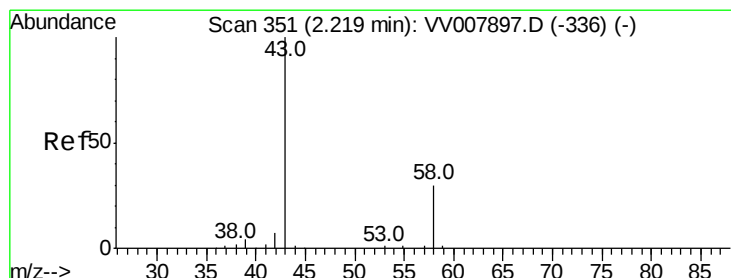
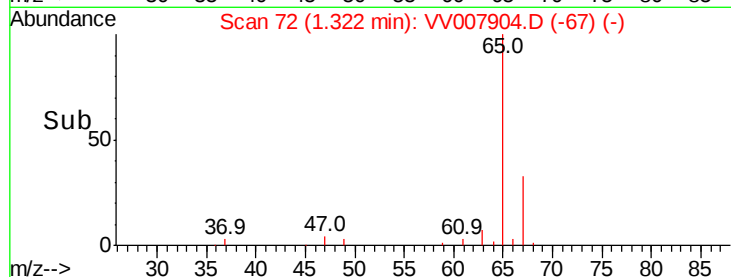
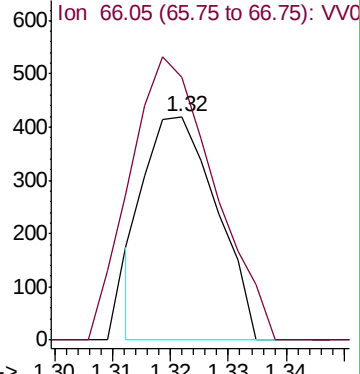
Ion Ratio Lower Upper

64 100

66 117.6 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VV007897.D (-151) (-)



#13

Acetone

Concen: 5.396 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

Lab File: VV007904.D

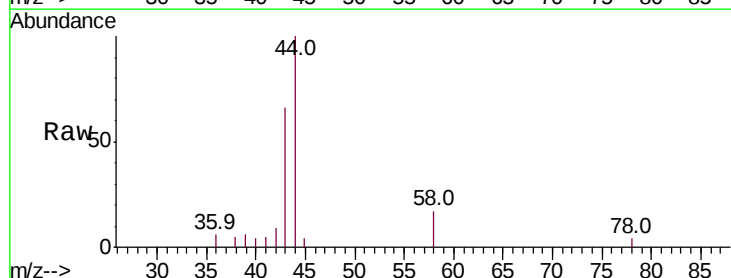
Acq: 27 Sep 2018 13:25

Tgt Ion: 43 Resp: 5573

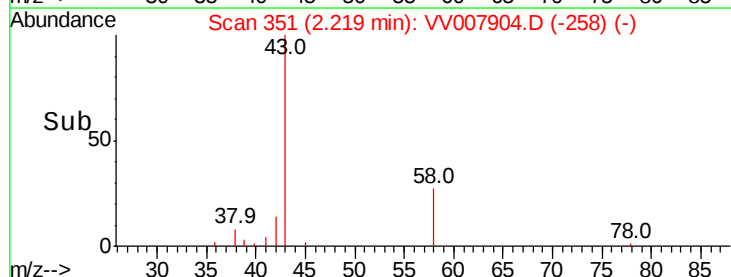
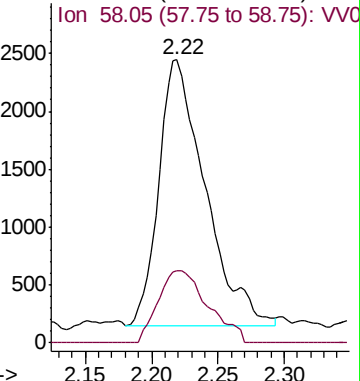
Ion Ratio Lower Upper

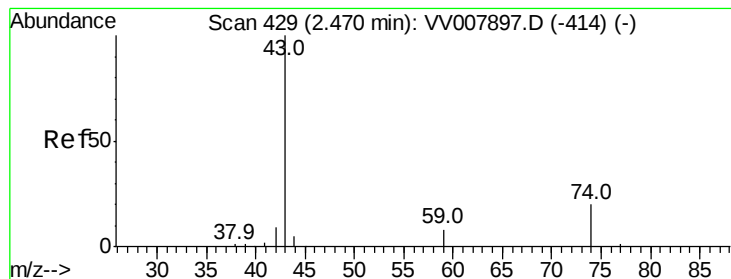
43 100

58 29.4 0.0 62.0



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





#15

Methyl Acetate

Concen: 0.120 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VV007904.D

Acq: 27 Sep 2018 13:25

Instrument :

MSVOA_V

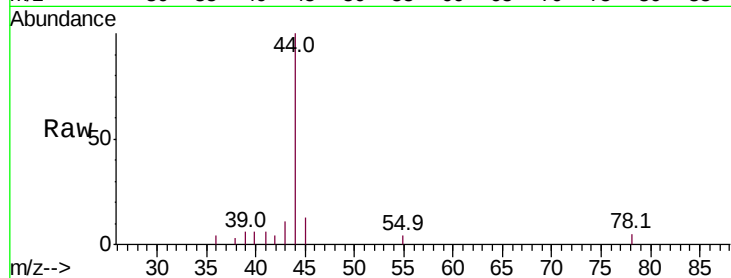
ClientSampled :

Tot Ion: 43 Resp: 318

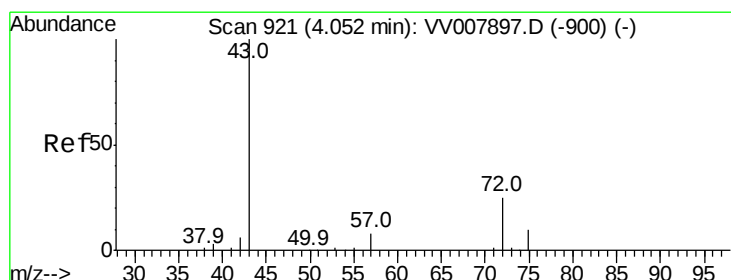
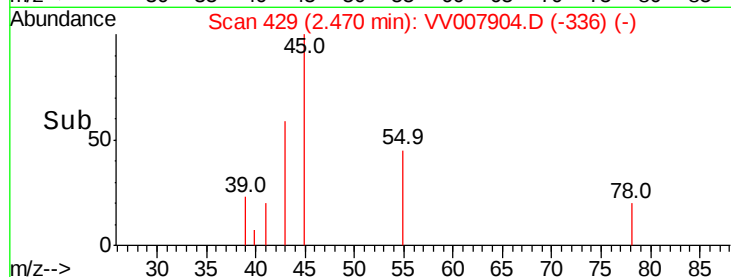
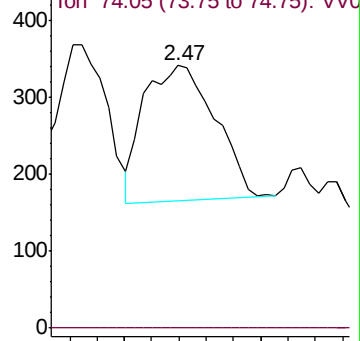
Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



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



#21

2-Butanone

Concen: 55.282 ug/L

RT: 4.15 min Scan# 952

Delta R.T. 0.10 min

Lab File: VV007904.D

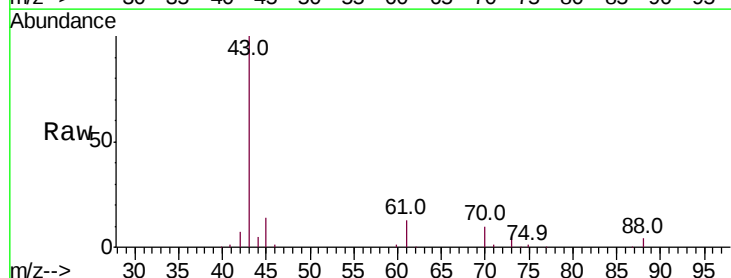
Acq: 27 Sep 2018 13:25

Tgt Ion: 43 Resp: 90957

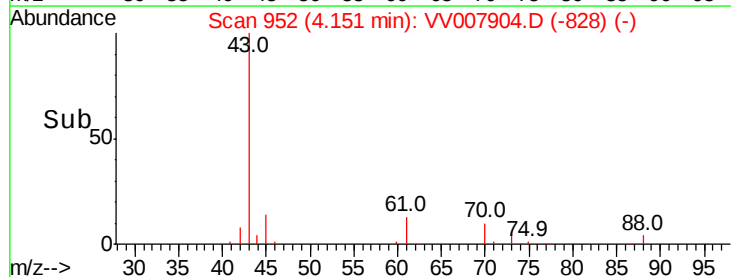
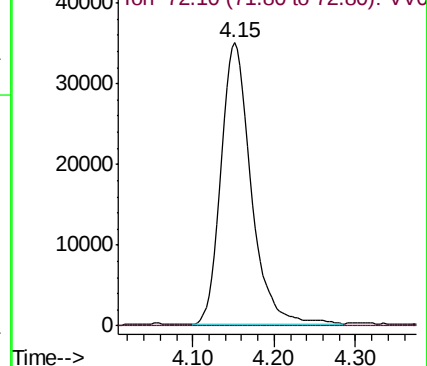
Ion Ratio Lower Upper

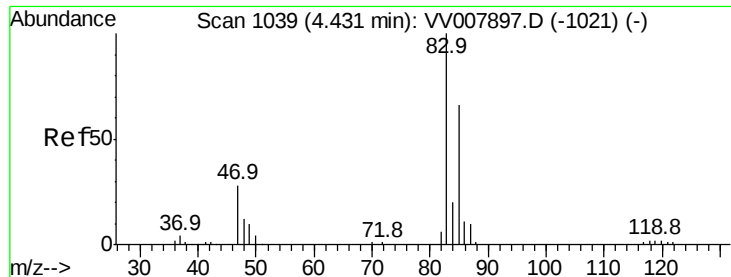
43 100

72 0.0 12.5 37.5#



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

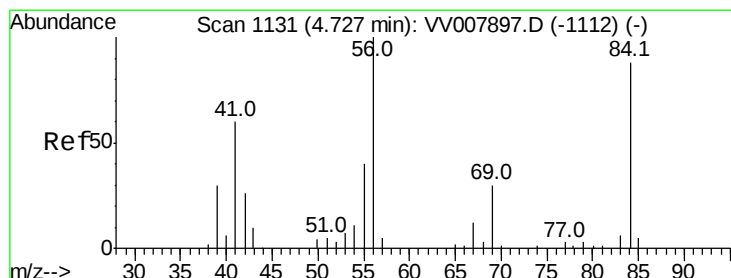
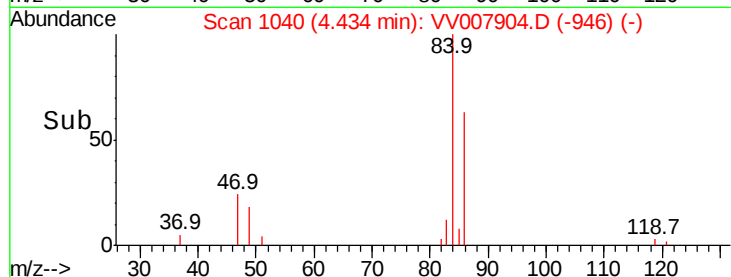
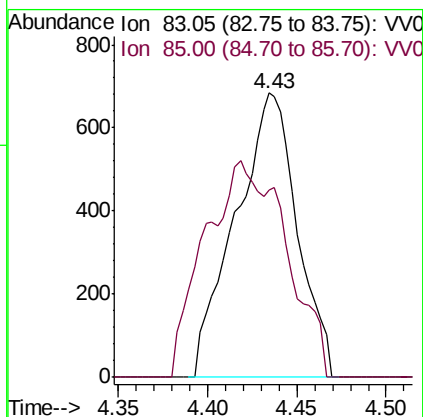
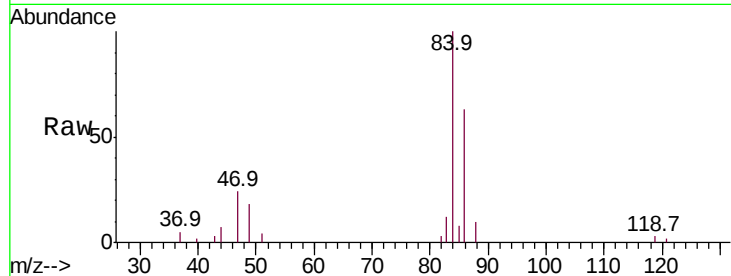




#25
Chloroform
Concen: 0.139 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007904.D
Acq: 27 Sep 2018 13:25

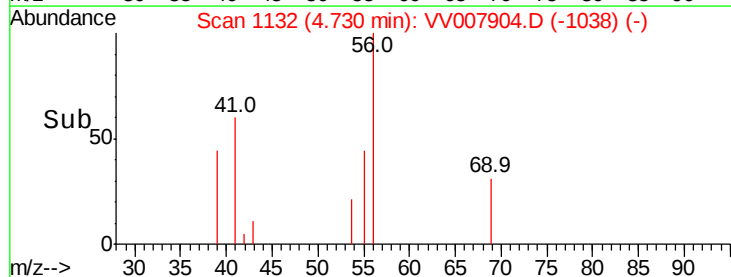
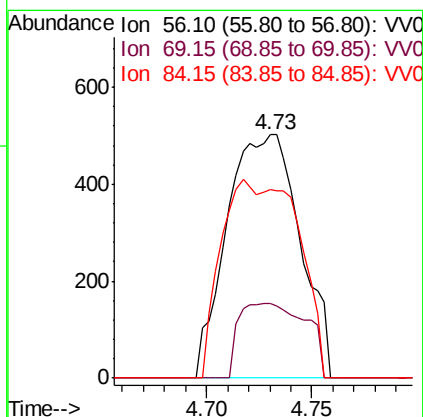
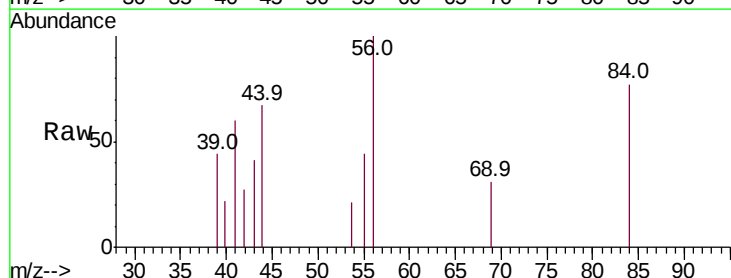
Instrument :
MSVOA_V
ClientSampleId :

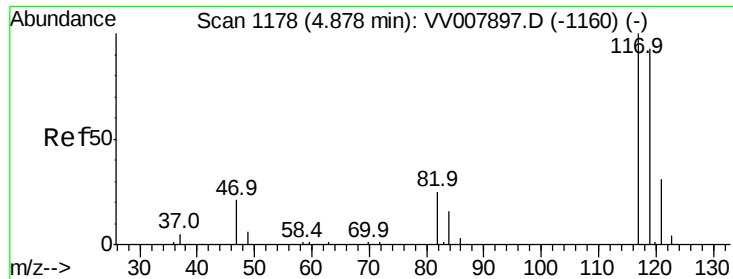
Tot Ion: 83 Resp: 1641
Ion Ratio Lower Upper
83 100
85 65.6 44.8 83.2



#30
Cyclohexane
Concen: 0.129 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VV007904.D
Acq: 27 Sep 2018 13:25

Tgt Ion: 56 Resp: 1211
Ion Ratio Lower Upper
56 100
69 28.1 24.2 36.4
84 41.0 69.8 104.8#





#31

Carbon tetrachloride

Concen: 1.273 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV007904.D

Acq: 27 Sep 2018 13:25

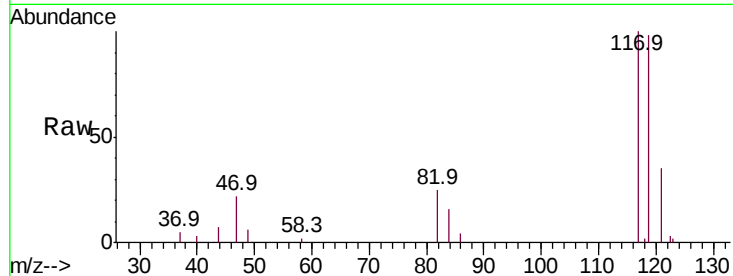
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:117 Resp: 11232

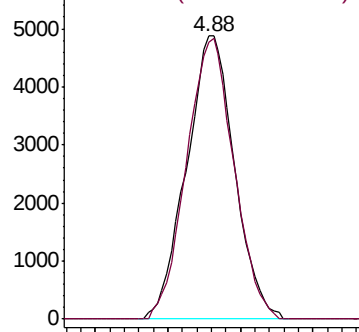
Ion Ratio Lower Upper

117 100

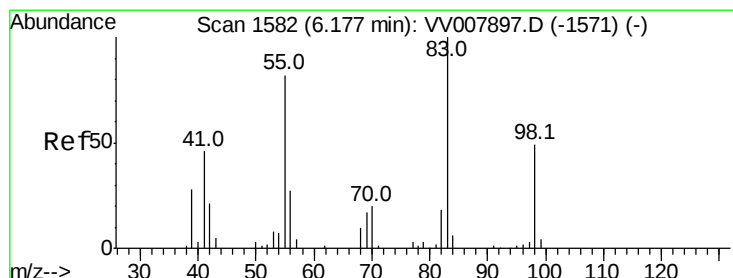
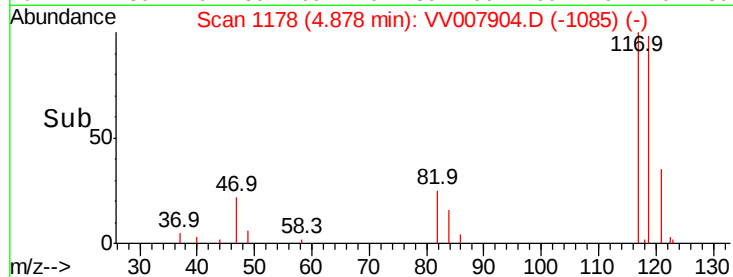
119 97.6 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



Time-->



#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007904.D

Acq: 27 Sep 2018 13:25

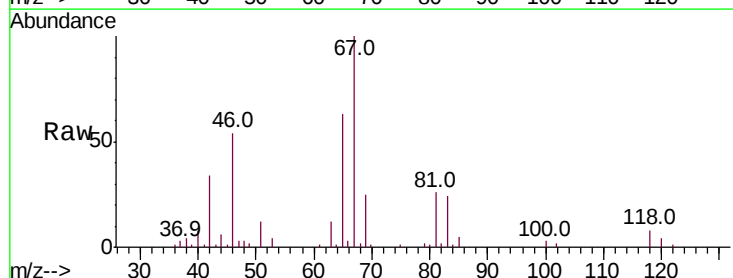
Tgt Ion: 83 Resp: 7594

Ion Ratio Lower Upper

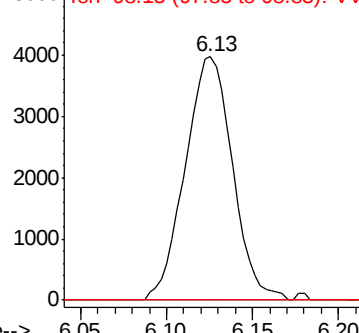
83 100

55 0.0 62.2 93.2#

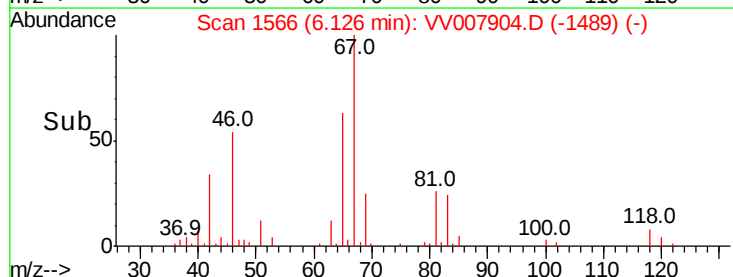
98 0.0 38.0 57.0#

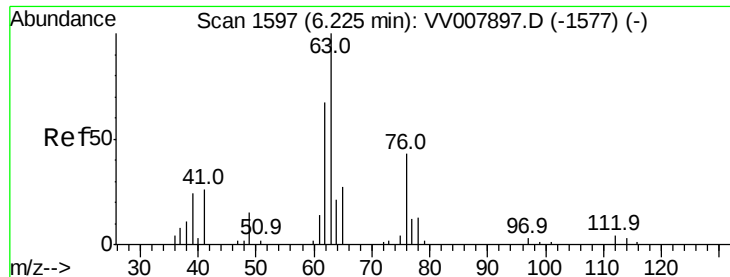


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



Time-->

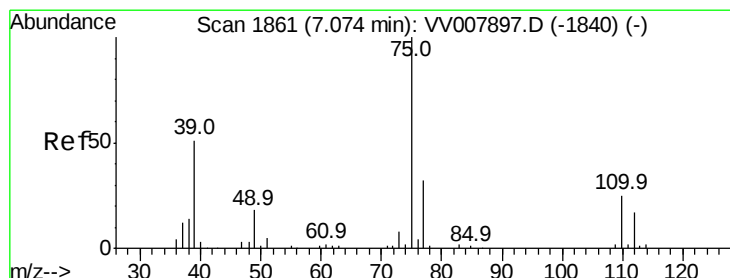
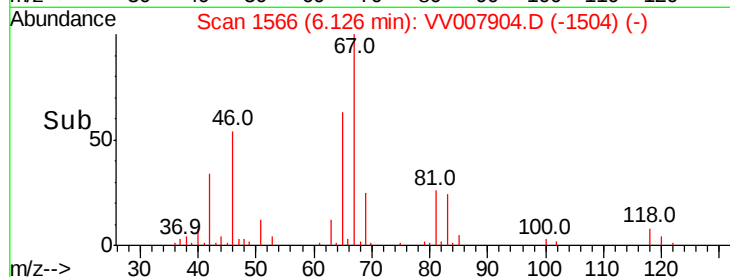
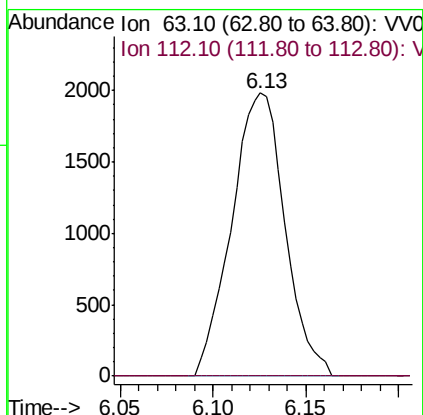
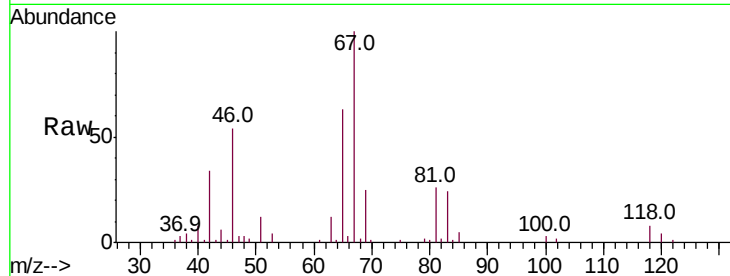




#37
 1,2-Dichloropropane
 Concen: 0.650 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007904.D
 Acq: 27 Sep 2018 13:25

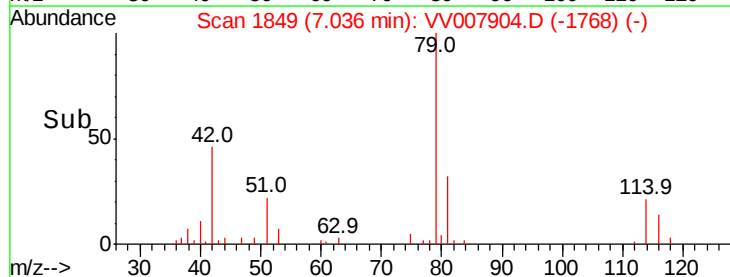
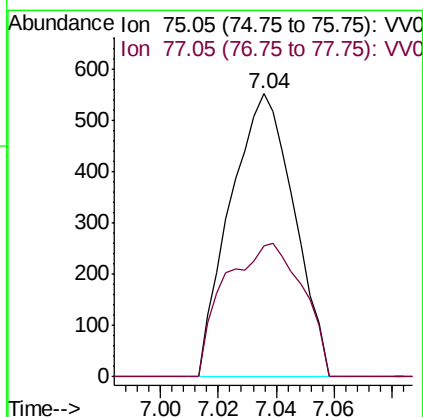
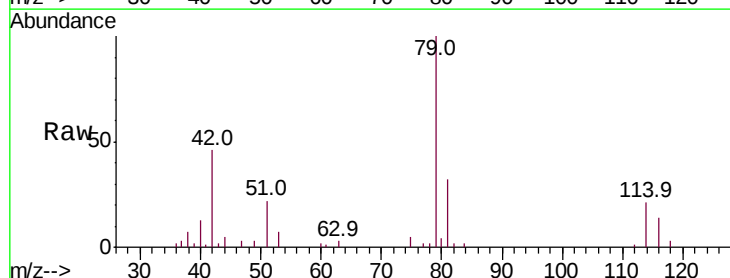
Instrument :
 MSVOA_V
 ClientSampleId :

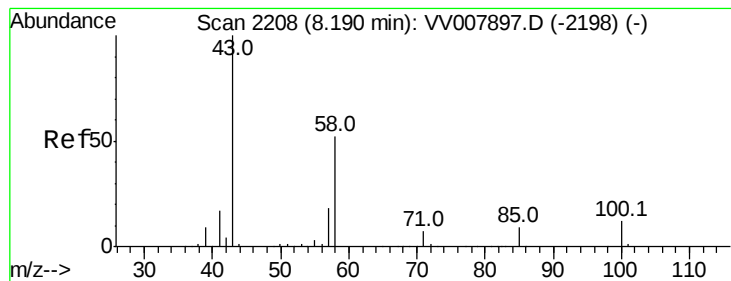
Tot Ion: 63 Resp: 3955
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007904.D
 Acq: 27 Sep 2018 13:25

Tgt Ion: 75 Resp: 841
 Ion Ratio Lower Upper
 75 100
 77 46.4 22.9 42.5#





#48
 2-Hexanone
 Concen: 2.742 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV007904.D
 Acq: 27 Sep 2018 13:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	7286
Ion	Ratio	Lower	Upper
43	100		
58	36.6	41.9	62.9#
57	27.3	14.3	21.5#
100	0.0	9.2	13.8#

