

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\
 Data File : VR025699.D
 Acq On : 12 Sep 2018 17:52
 Operator : SY/MD
 Sample : J4863-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KM3

Quant Time: Sep 13 04:09:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	550884	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	490755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	146238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	98447	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	2.62	69	99928	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	3.63	63	211545	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	6.60	46	191326	79.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.26%#
24) Chloroform-d	7.20	84	302382	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	7.90	65	112919	6.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.60%
32) Benzene-d6	7.85	84	647814	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	8.90	67	199903	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	9.97	98	541438	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.23	79	36748	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	224041	84.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	169.86%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93024	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	139397	6.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	134.60%#

Target Compounds

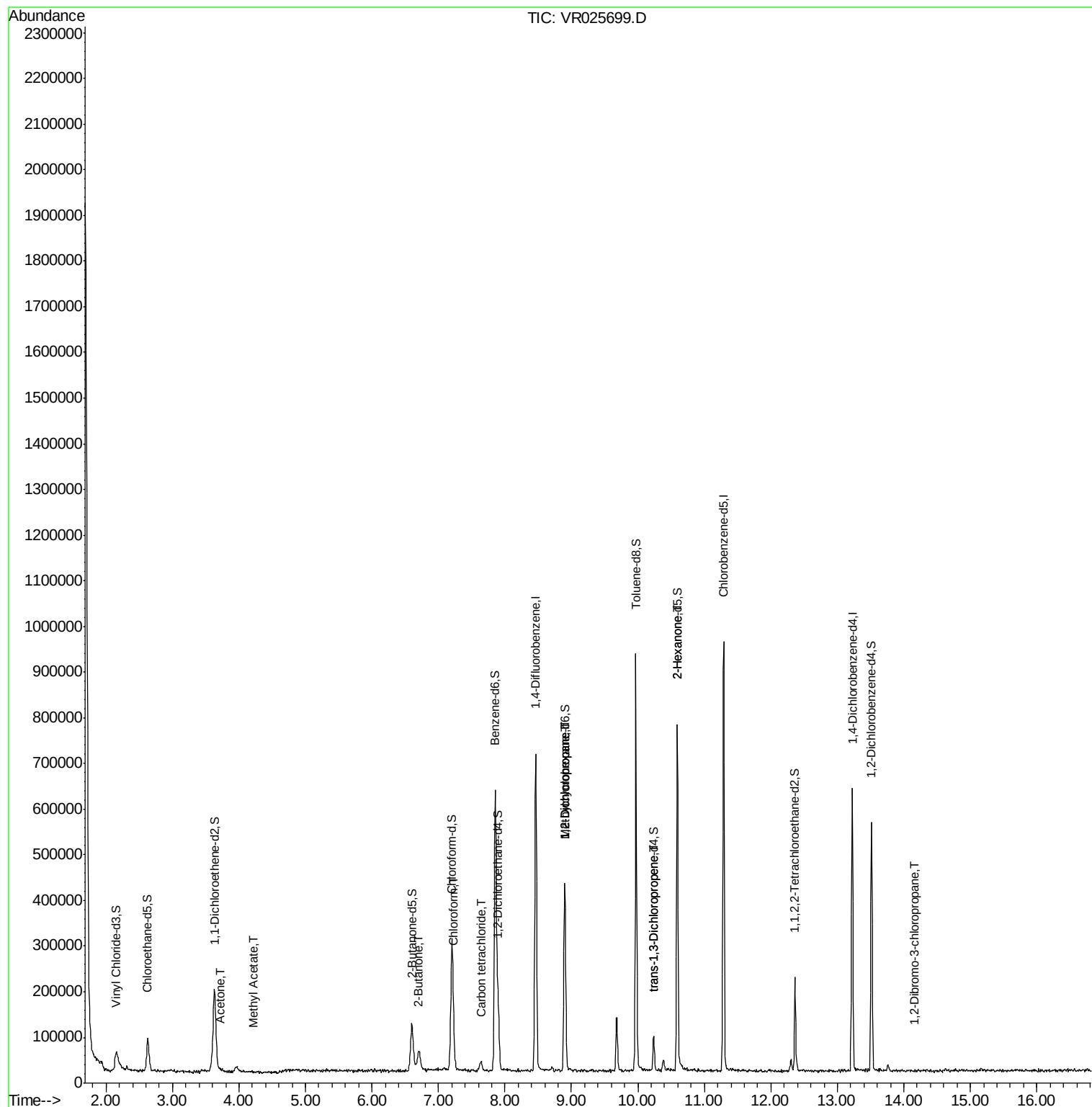
					Ovalue
13) Acetone	3.70	43	8953	5.49	ug/L 78
15) Methyl Acetate	4.21	43	1419	0.24	ug/L # 56
21) 2-Butanone	6.70	43	4553	1.32	ug/L 100
25) Chloroform	7.23	83	35187	0.57	ug/L 99
31) Carbon tetrachloride	7.65	117	17080	0.36	ug/L 92
35) Methylcyclohexane	8.90	83	44661	0.68	ug/L # 21
37) 1,2-Dichloropropane	8.90	63	20294	0.51	ug/L 99
44) trans-1,3-Dichloropropene	10.24	75	2524	0.09	ug/L # 43
48) 2-Hexanone	10.59	43	24791	3.63	ug/L # 67
66) 1,2-Dibromo-3-chloropropan	14.16	75	247	0.21	ug/L # 11

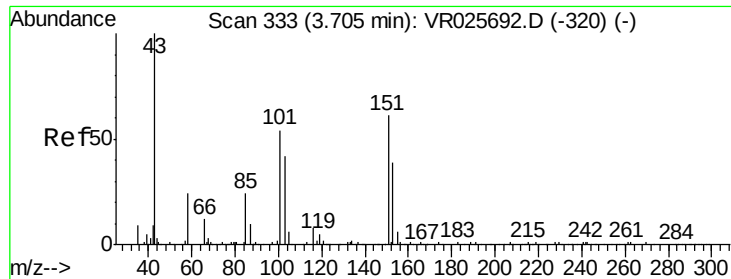
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.49 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.00 min

Lab File: VR025699.D

Acq: 12 Sep 2018 17:52

Instrument :

MSVOA_R

ClientSampleId :

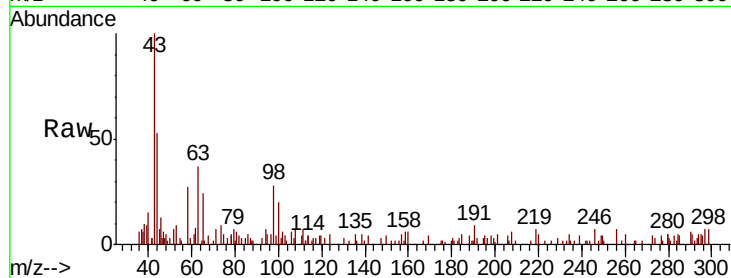
C0KM3

Tot Ion: 43 Resp: 8953

Ion Ratio Lower Upper

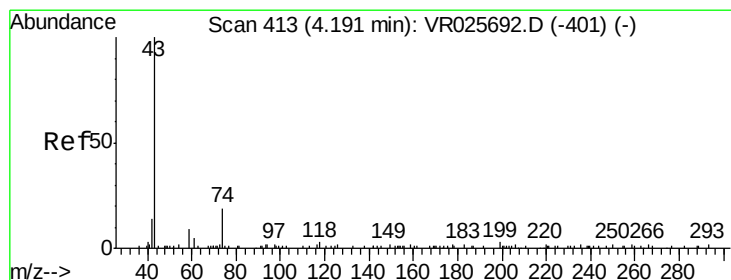
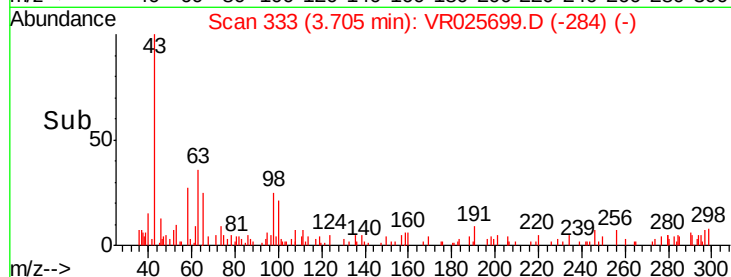
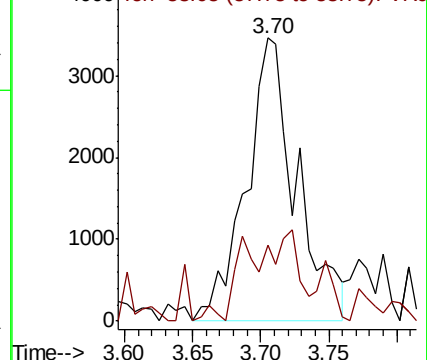
43 100

58 15.4 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.24 ug/L

RT: 4.21 min Scan# 416

Delta R.T. 0.02 min

Lab File: VR025699.D

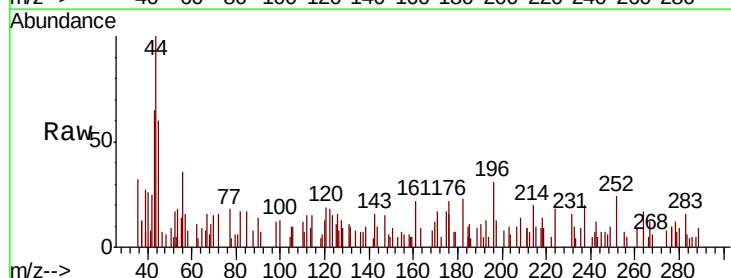
Acq: 12 Sep 2018 17:52

Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

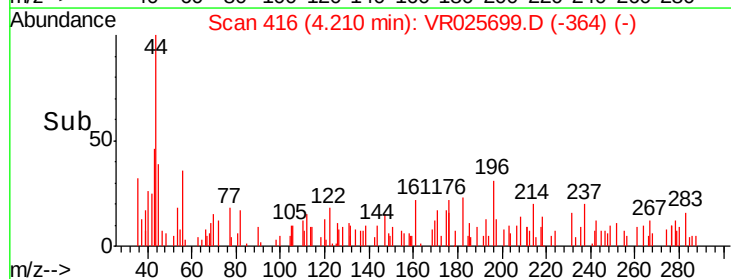
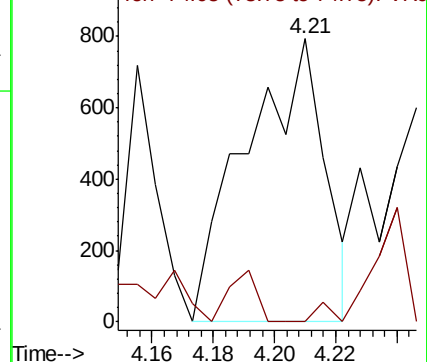
43 100

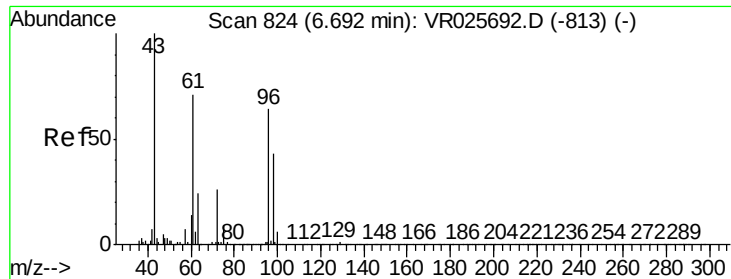
74 6.2 24.2 36.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

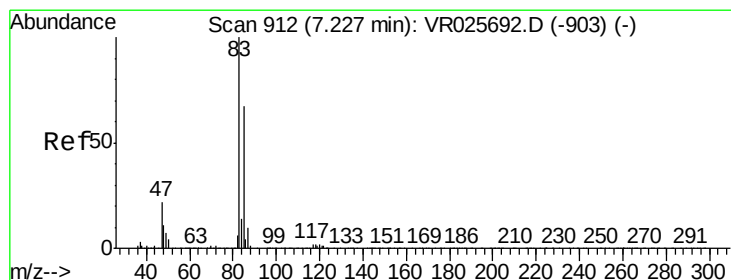
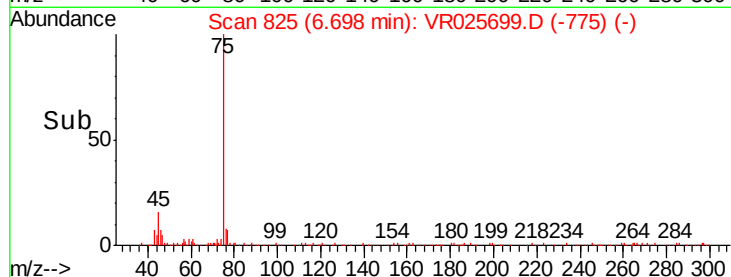
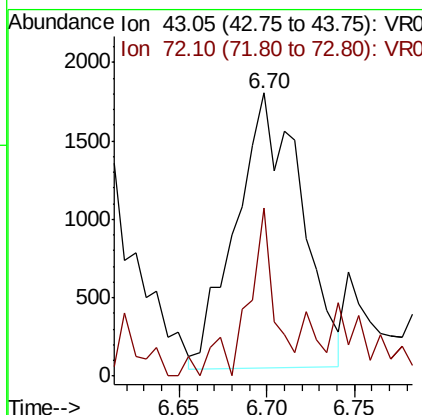
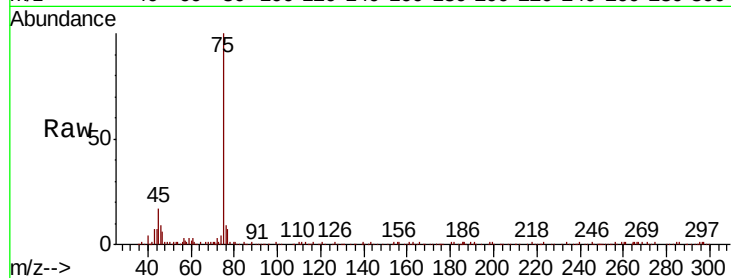




#21
2-Butanone
Concen: 1.32 ug/L
RT: 6.70 min Scan# 825
Delta R.T. 0.01 min
Lab File: VR025699.D
Acq: 12 Sep 2018 17:52

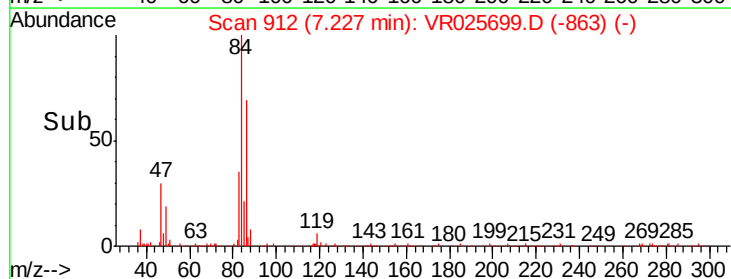
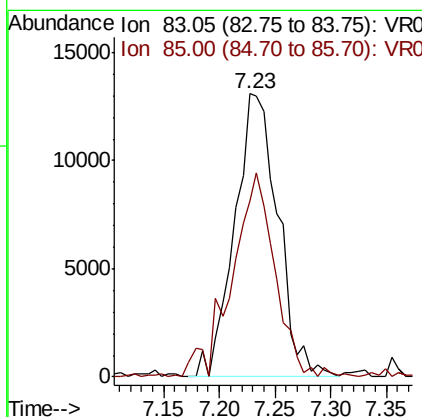
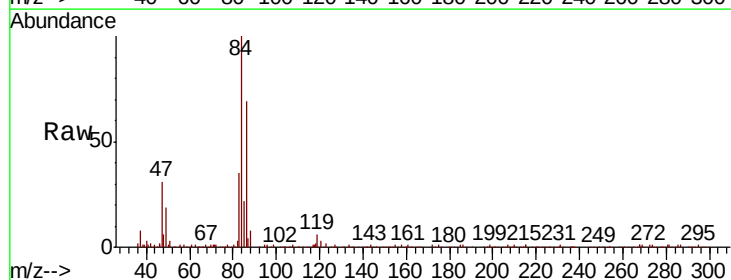
Instrument :
MSVOA_R
ClientSampleId :
C0KM3

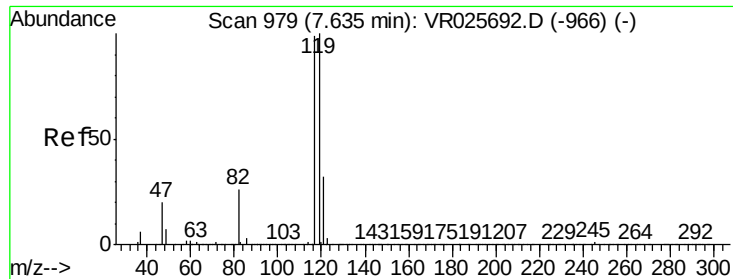
Tot Ion: 43 Resp: 4553
Ion Ratio Lower Upper
43 100
72 26.5 13.3 39.9



#25
Chloroform
Concen: 0.57 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.00 min
Lab File: VR025699.D
Acq: 12 Sep 2018 17:52

Tgt Ion: 83 Resp: 35187
Ion Ratio Lower Upper
83 100
85 62.1 43.8 81.4





#31

Carbon tetrachloride

Concen: 0.36 ug/L

RT: 7.65 min Scan# 981

Delta R.T. 0.01 min

Lab File: VR025699.D

Acq: 12 Sep 2018 17:52

Instrument :

MSVOA_R

ClientSampleId :

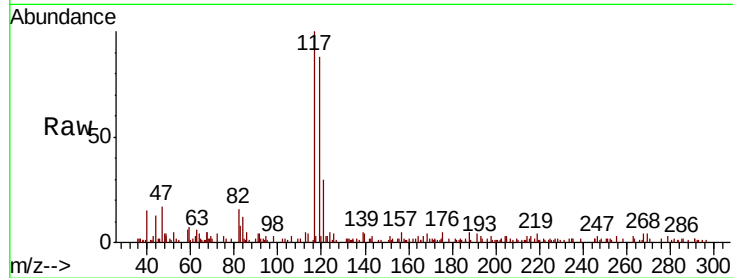
C0KM3

Tot Ion:117 Resp: 17080

Ion Ratio Lower Upper

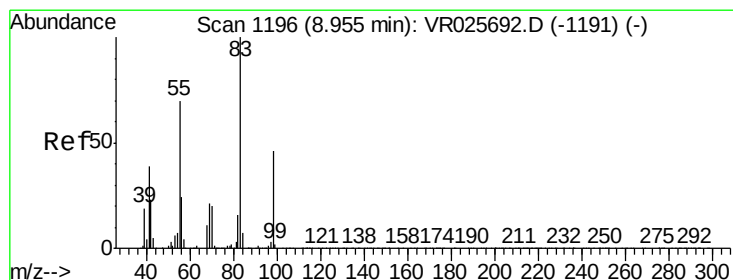
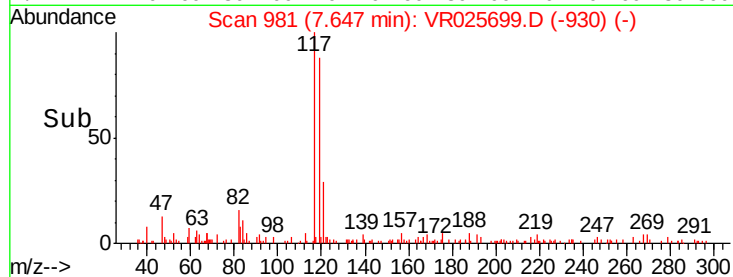
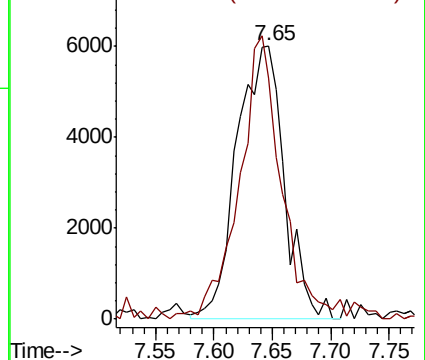
117 100

119 90.9 78.9 118.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.68 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025699.D

Acq: 12 Sep 2018 17:52

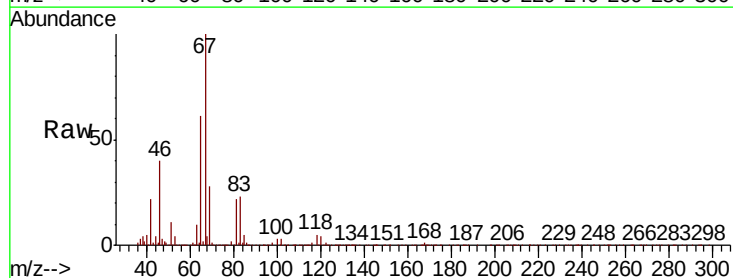
Tgt Ion: 83 Resp: 44661

Ion Ratio Lower Upper

83 100

55 1.0 58.9 88.3#

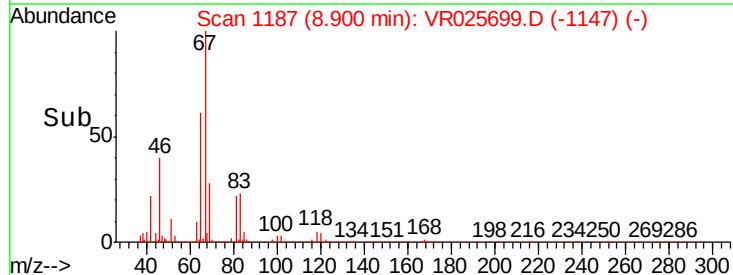
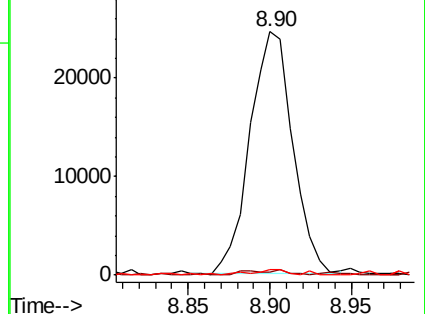
98 1.7 36.9 55.3#

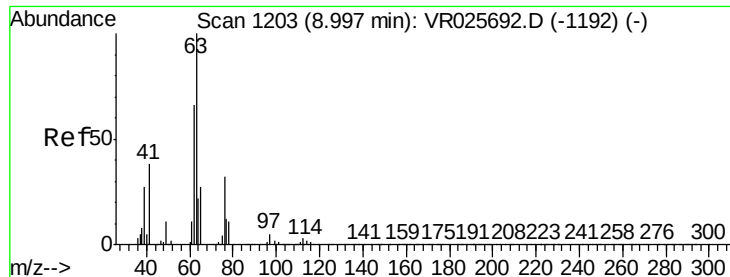


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

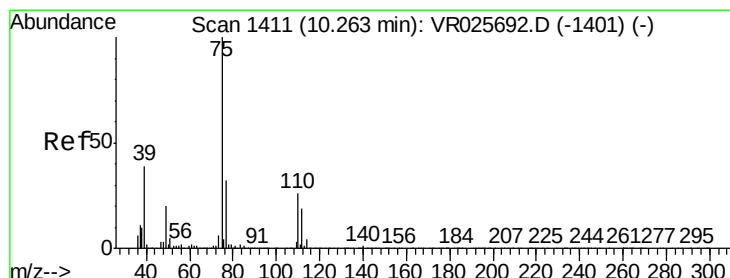
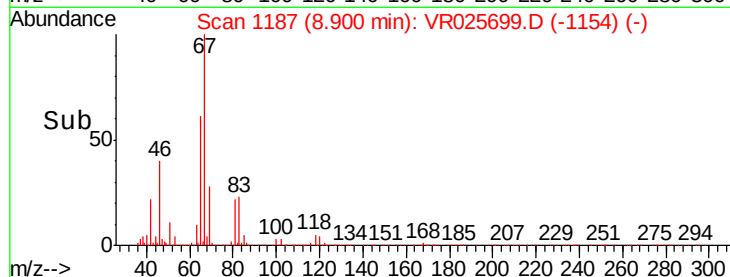
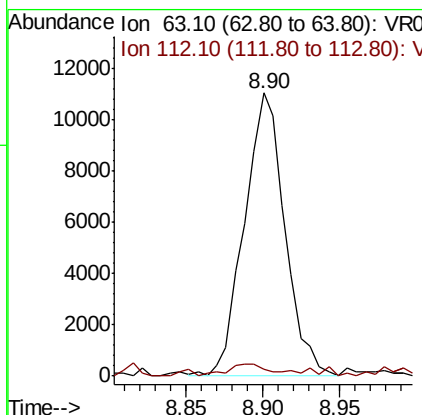
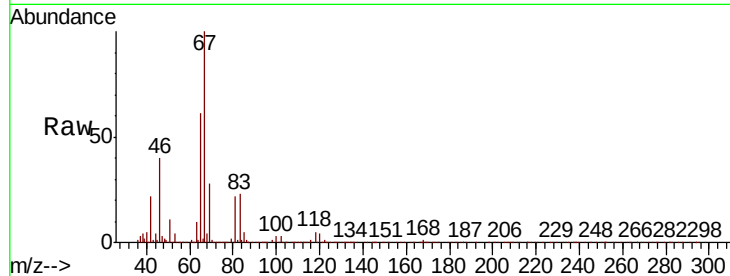




#37
 1,2-Dichloropropane
 Concen: 0.51 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025699.D
 Acq: 12 Sep 2018 17:52

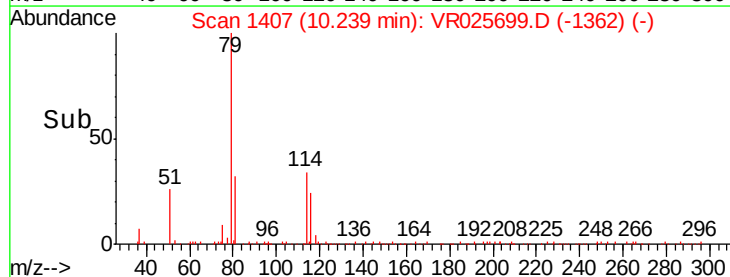
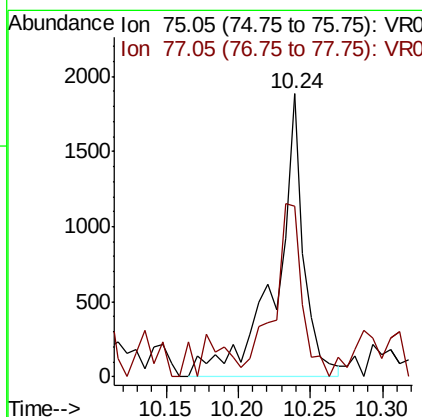
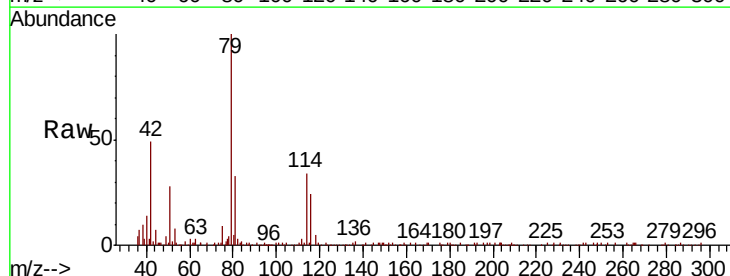
Instrument :
 MSVOA_R
 ClientSampled :
 C0KM3

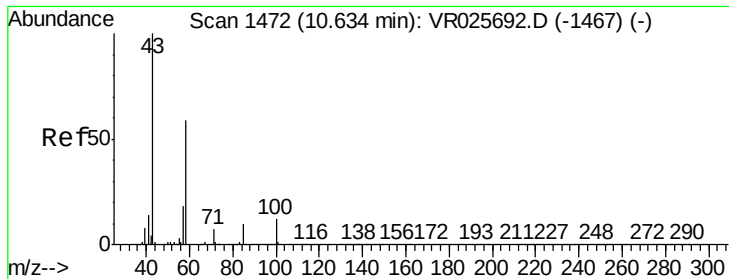
Tot Ion: 63 Resp: 20294
 Ion Ratio Lower Upper
 63 100
 112 3.9 2.9 4.3



#44
 trans-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 10.24 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VR025699.D
 Acq: 12 Sep 2018 17:52

Tgt Ion: 75 Resp: 2524
 Ion Ratio Lower Upper
 75 100
 77 60.5 20.7 38.5#

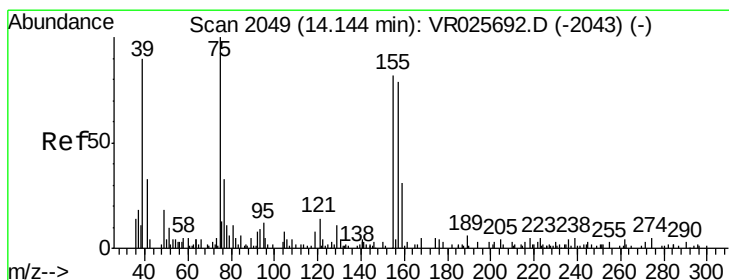
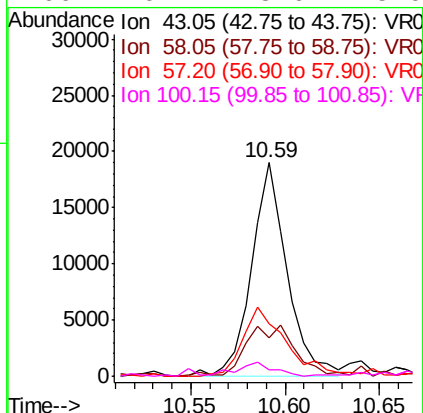
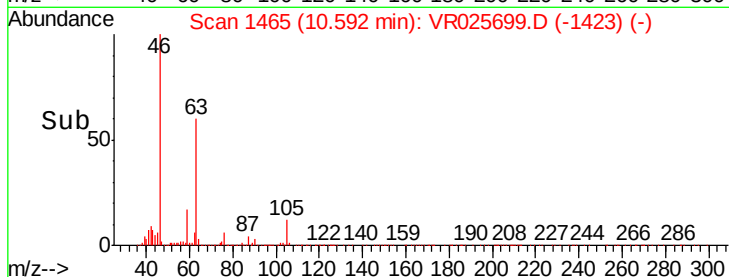
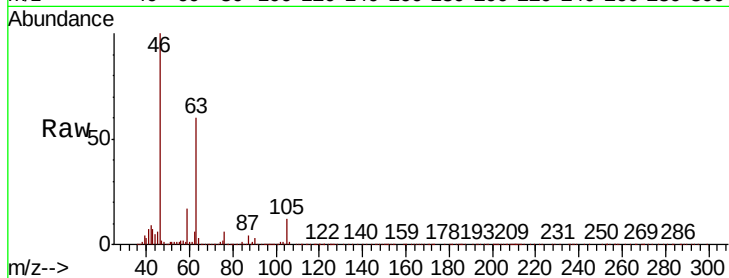




#48
2-Hexanone
Concen: 3.63 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025699.D
Acq: 12 Sep 2018 17:52

Instrument :
MSVOA_R
ClientSampleId :
C0KM3

Tot Ion: 43 Resp: 24791
Ion Ratio Lower Upper
43 100
58 33.6 45.8 68.8#
57 39.7 14.2 21.2#
100 6.4 8.6 13.0#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.21 ug/L
RT: 14.16 min Scan# 2051
Delta R.T. 0.01 min
Lab File: VR025699.D
Acq: 12 Sep 2018 17:52

Tgt Ion: 75 Resp: 247
Ion Ratio Lower Upper
75 100
155 0.0 79.3 118.9#
157 21.7 81.4 122.2#

