

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\
 Data File : VR025706.D
 Acq On : 12 Sep 2018 21:43
 Operator : SY/MD
 Sample : J4863-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KP4

Quant Time: Sep 13 04:10:01 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	554174	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	486118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	151229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	100581	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	2.63	69	94667	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	3.63	63	222004	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	6.60	46	116930	48.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	7.20	84	271425	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	7.90	65	96777	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	7.86	84	615119	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	177896	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	554814	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.24	79	33523	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	10.59	63	157413	60.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77820	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	134055	6.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.00%#

Target Compounds

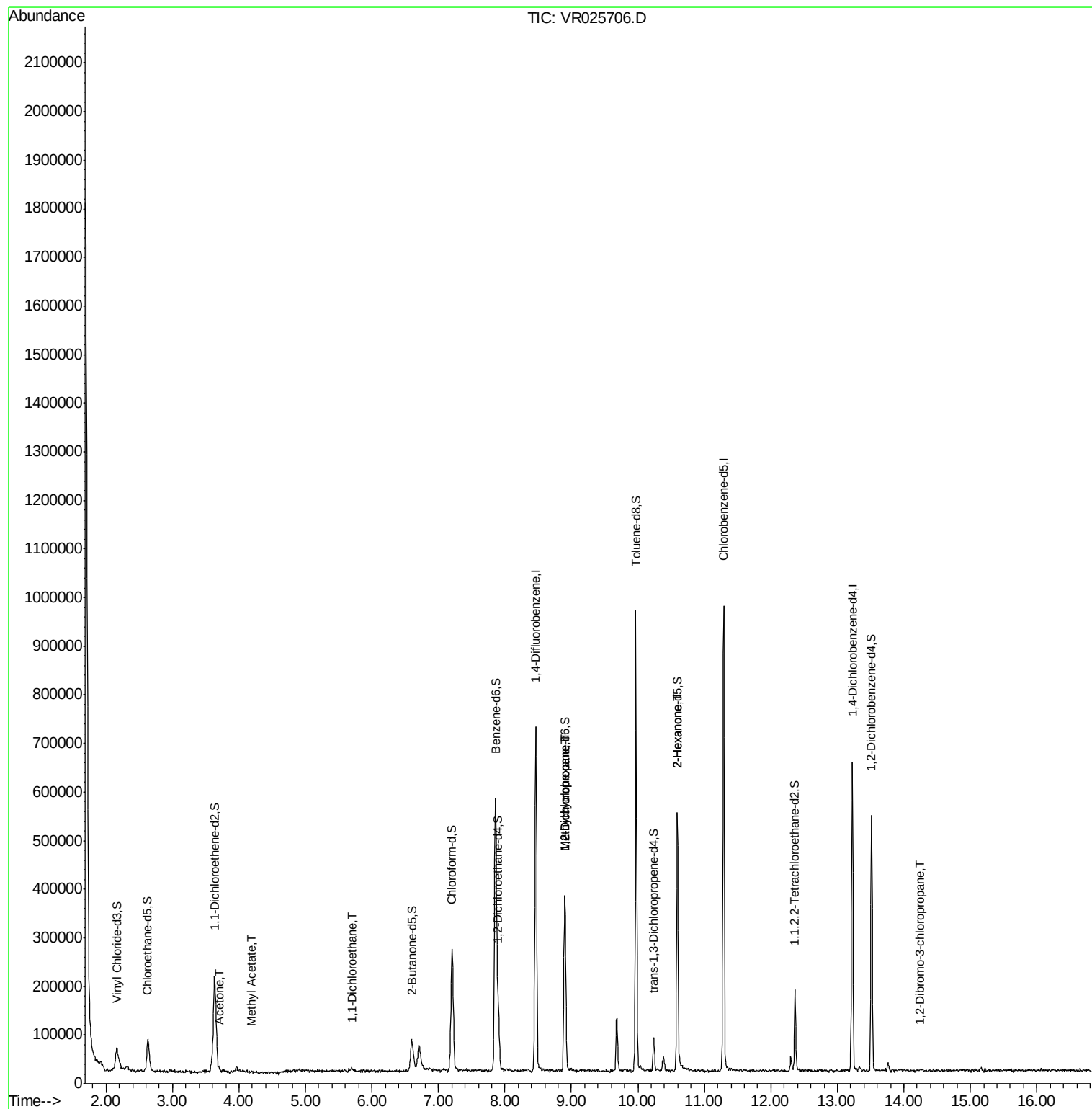
					Ovalue
13) Acetone	3.71	43	3453	2.11 ug/L	91
15) Methyl Acetate	4.19	43	1645	0.28 ug/L #	64
19) 1,1-Dichloroethane	5.69	63	7212	0.11 ug/L #	58
35) Methylcyclohexane	8.90	83	36909	0.57 ug/L #	21
37) 1,2-Dichloropropane	8.90	63	17302	0.44 ug/L #	93
48) 2-Hexanone	10.59	43	20046	2.96 ug/L #	66
66) 1,2-Dibromo-3-chloropropan	14.24	75	200	0.17 ug/L	89

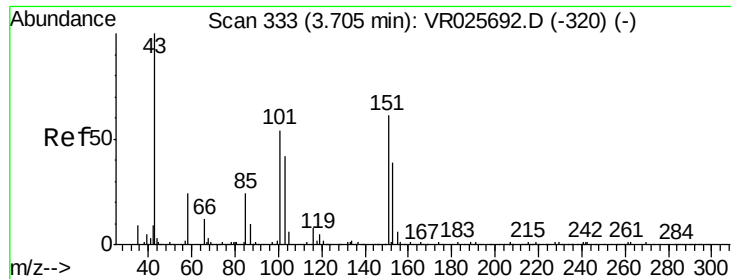
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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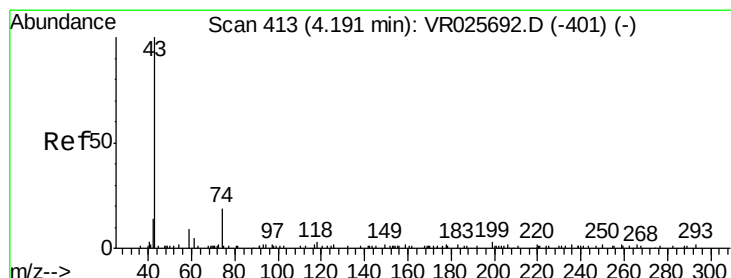
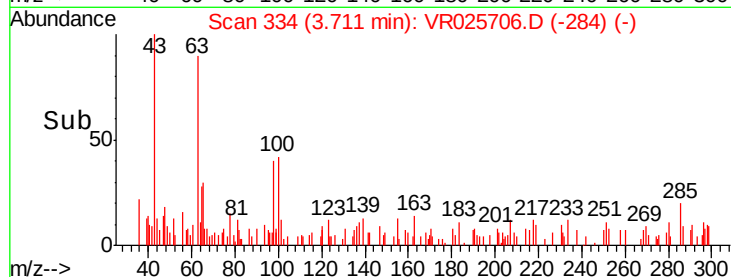
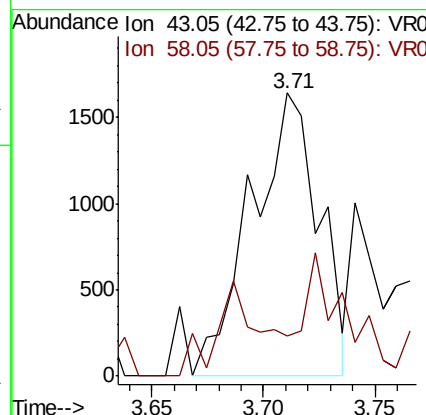
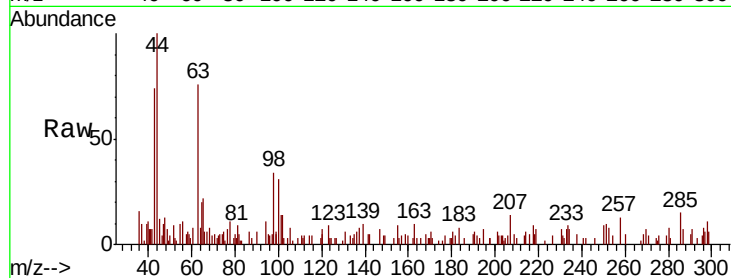




#13
Acetone
Concen: 2.11 ug/L
RT: 3.71 min Scan# 334
Delta R.T. 0.01 min
Lab File: VR025706.D
Acq: 12 Sep 2018 21:43

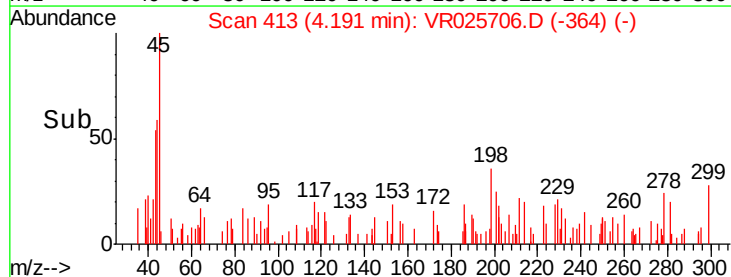
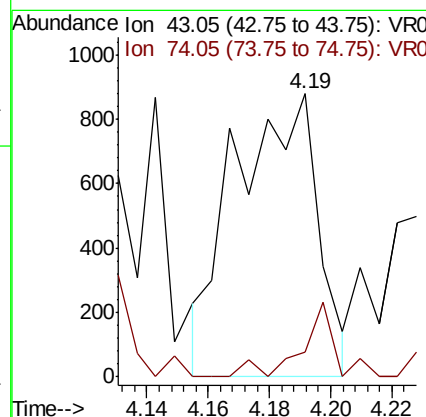
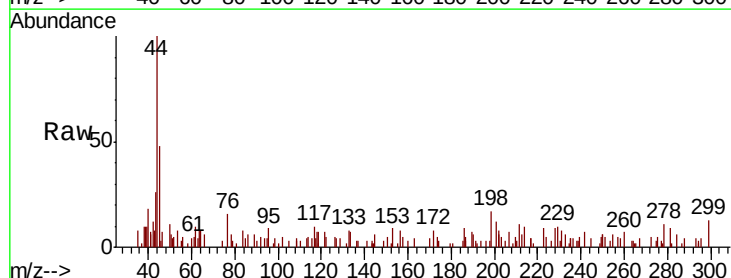
Instrument :
MSVOA_R
ClientSampled :
C0KP4

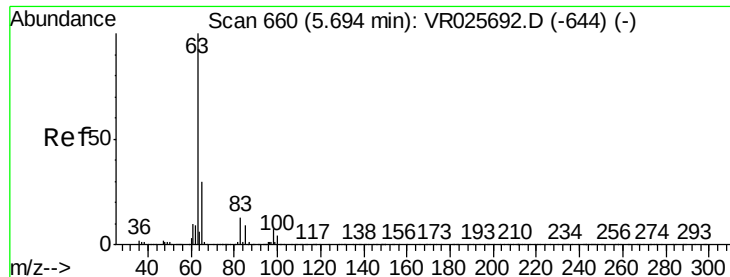
Tot Ion: 43 Resp: 3453
Ion Ratio Lower Upper
43 100
58 22.0 0.0 53.6



#15
Methyl Acetate
Concen: 0.28 ug/L
RT: 4.19 min Scan# 413
Delta R.T. 0.00 min
Lab File: VR025706.D
Acq: 12 Sep 2018 21:43

Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
74 10.7 24.2 36.4#

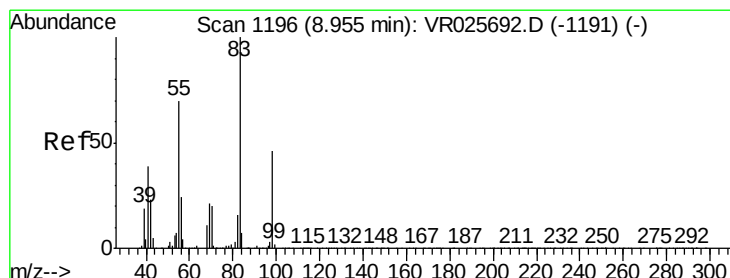
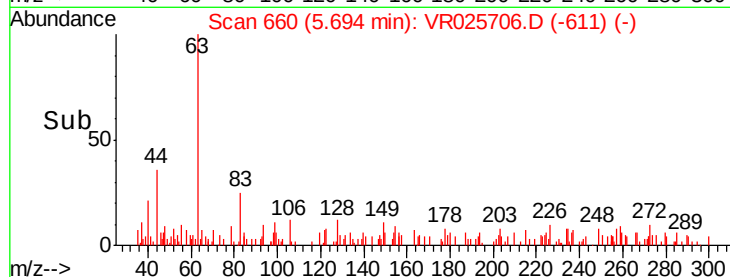
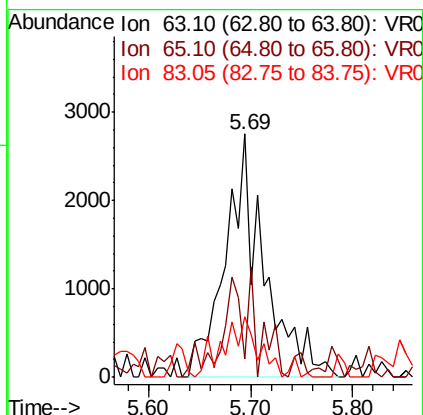
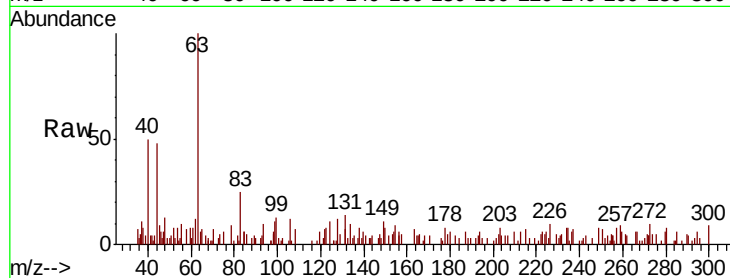




#19
 1,1-Dichloroethane
 Concen: 0.11 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VR025706.D
 Acq: 12 Sep 2018 21:43

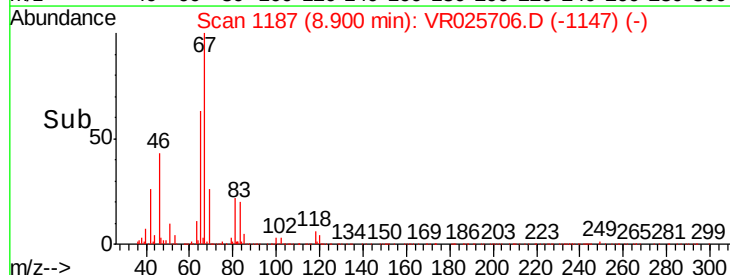
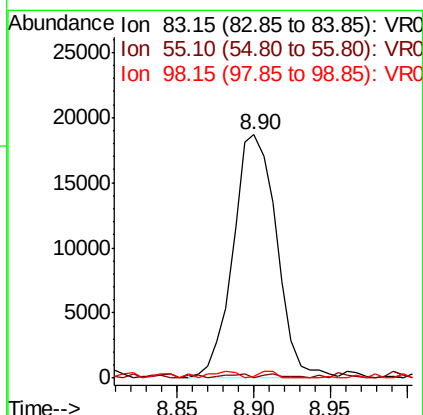
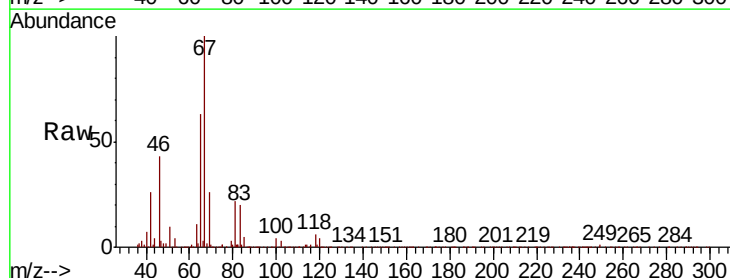
Instrument :
 MSVOA_R
 ClientSampleId :
 C0KP4

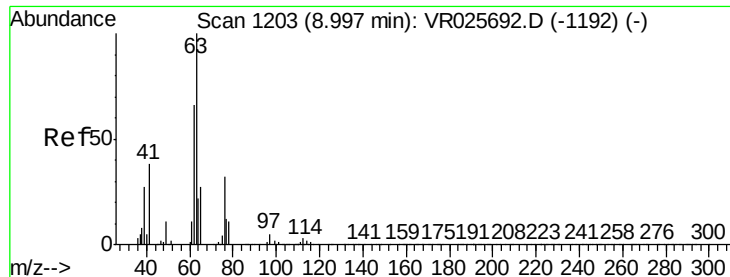
Tot Ion	Ratio	Lower	Upper
63	100		
65	7.3	21.9	40.7#
83	25.1	7.6	14.2#



#35
 Methylcyclohexane
 Concen: 0.57 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR025706.D
 Acq: 12 Sep 2018 21:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.9	58.9	88.3#
98	1.3	36.9	55.3#





#37

1,2-Dichloropropane

Concen: 0.44 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025706.D

Acq: 12 Sep 2018 21:43

Instrument :

MSVOA_R

ClientSampleId :

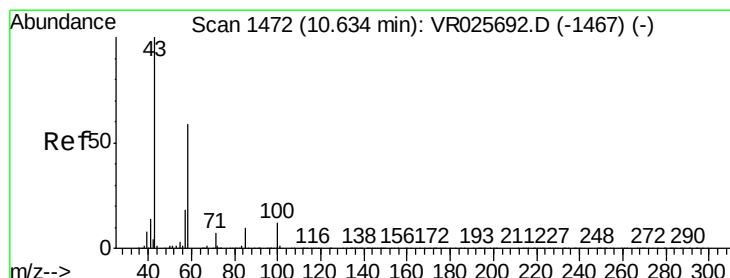
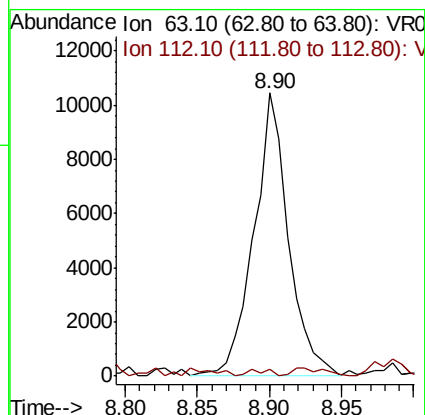
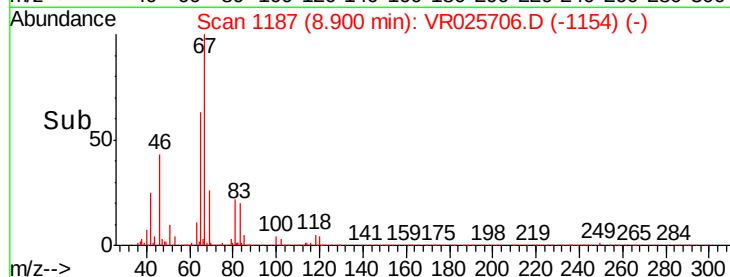
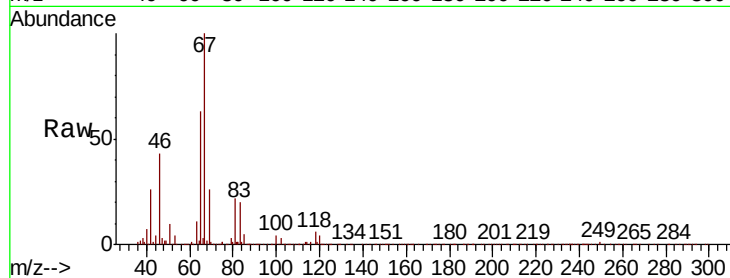
C0KP4

Tot Ion: 63 Resp: 17302

Ion Ratio Lower Upper

63 100

112 1.4 2.9 4.3#



#48

2-Hexanone

Concen: 2.96 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025706.D

Acq: 12 Sep 2018 21:43

Tgt Ion: 43 Resp: 20046

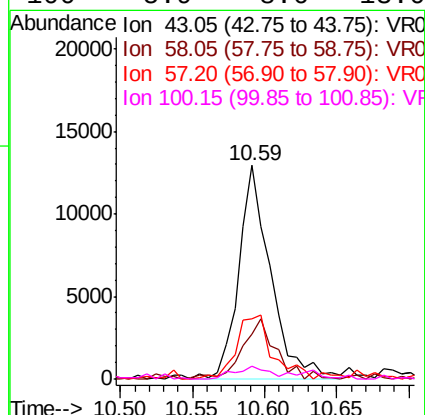
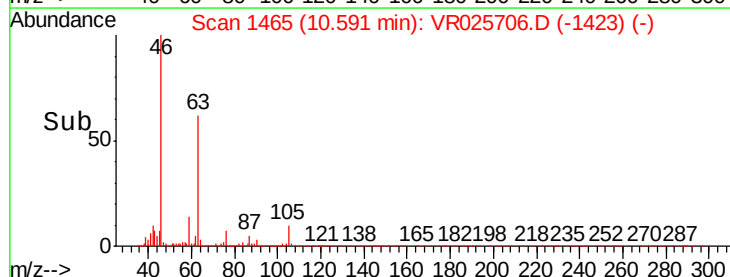
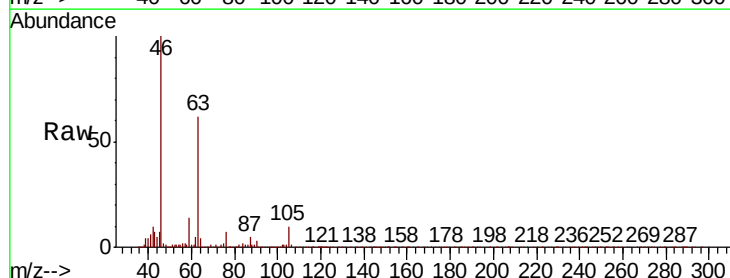
Ion Ratio Lower Upper

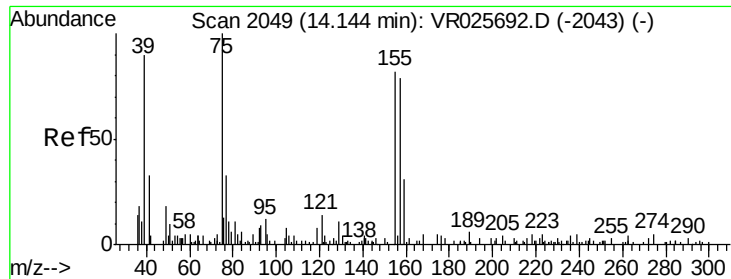
43 100

58 29.3 45.8 68.8#

57 33.5 14.2 21.2#

100 5.9 8.6 13.0#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.17 ug/L
 RT: 14.24 min Scan# 2064
 Delta R.T. 0.09 min
 Lab File: VR025706.D
 Acq: 12 Sep 2018 21:43

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KP4

Tot Ion	Ratio	Lower	Upper
75	100		
155	92.3	79.3	118.9
157	87.6	81.4	122.2

