

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025711.D
 Acq On : 13 Sep 2018 12:55
 Operator : SY/MD
 Sample : J4863-13
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KP5

Quant Time: Sep 14 06:57:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 06:42:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	574862	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	495255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	144898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	120697	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	2.63	69	105313	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	3.63	63	244661	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	6.59	46	93337	36.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.98%
24) Chloroform-d	7.20	84	274745	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.90	65	96668	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	7.85	84	631297	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	8.90	67	167555	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	9.97	98	546831	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	10.24	79	26675	3.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.00%
46) 2-Hexanone-d5	10.59	63	114148	42.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73880	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	126755	6.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.40%#

Target Compounds

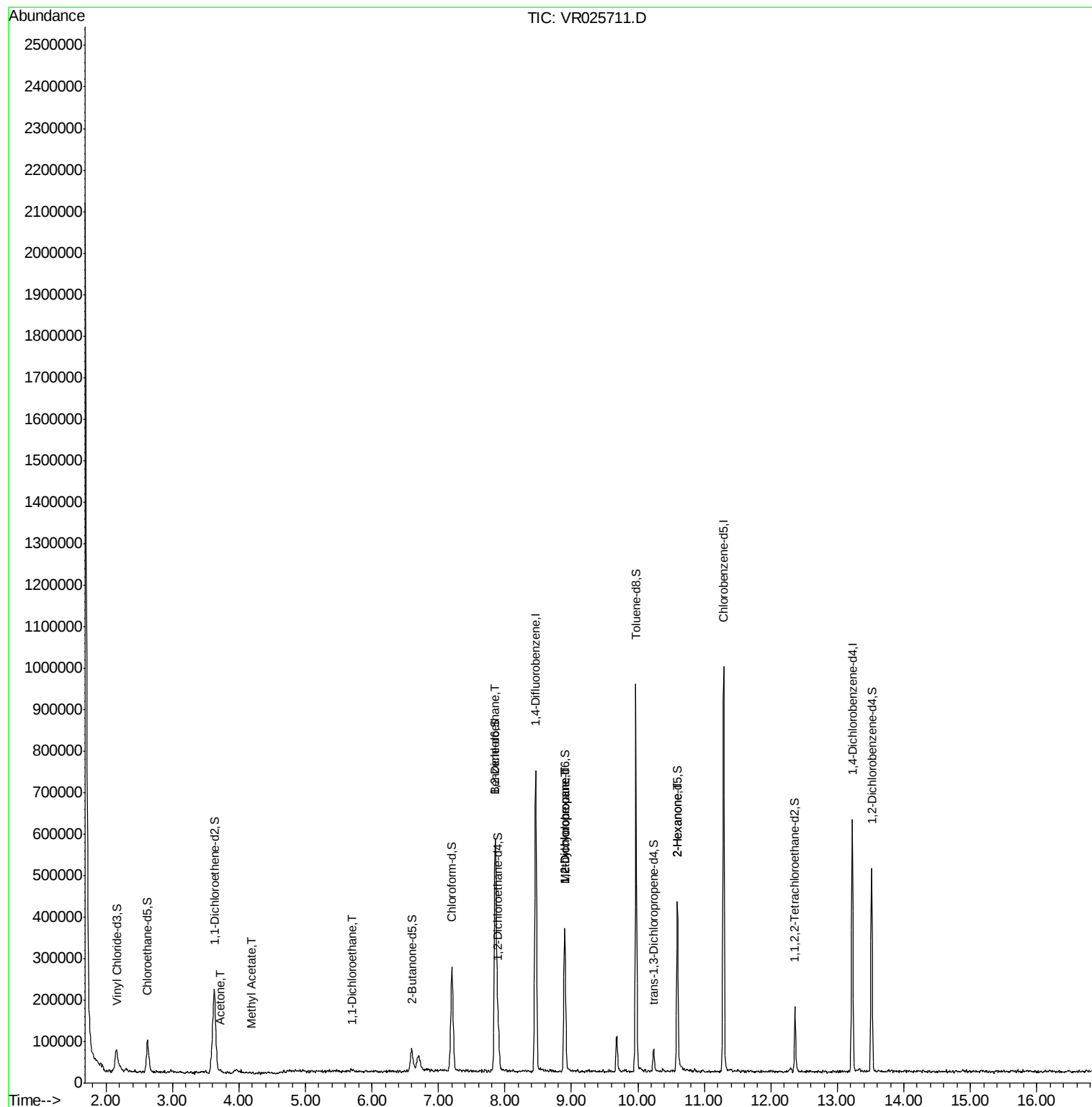
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.70	43	4120	2.42	ug/L	82
15) Methyl Acetate	4.19	43	977	0.16	ug/L	90
19) 1,1-Dichloroethane	5.69	63	6457	0.09	ug/L	90
27) 1,2-Dichloroethane	7.86	62	3608	0.14	ug/L	95
35) Methylcyclohexane	8.90	83	38372	0.58	ug/L #	23
37) 1,2-Dichloropropane	8.90	63	14678	0.37	ug/L #	95
48) 2-Hexanone	10.60	43	15393	2.23	ug/L #	77

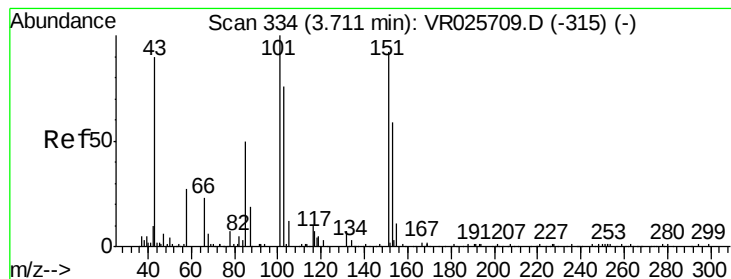
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.42 ug/L

RT: 3.70 min Scan# 333

Delta R.T. -0.01 min

Lab File: VR025711.D

Acq: 13 Sep 2018 12:55

Instrument :

MSVOA_R

ClientSampleId :

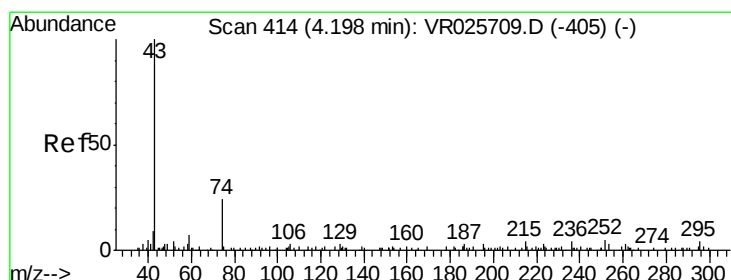
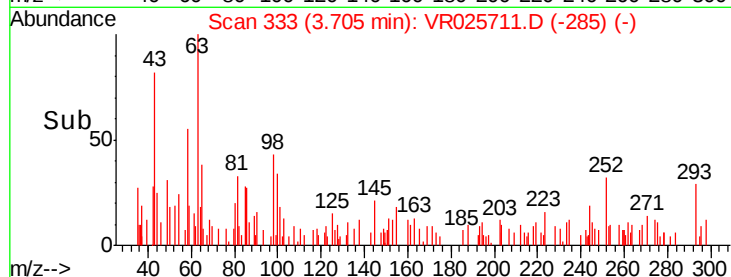
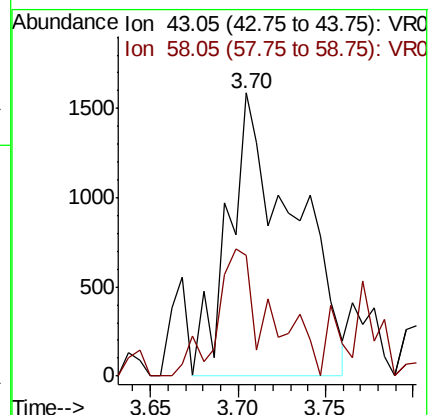
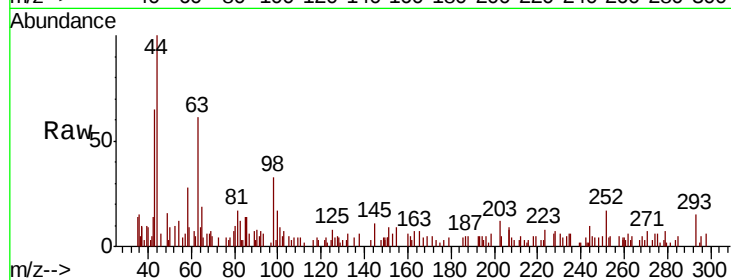
C0KP5

Tot Ion: 43 Resp: 4120

Ion Ratio Lower Upper

43 100

58 36.0 0.0 53.6



#15

Methyl Acetate

Concen: 0.16 ug/L

RT: 4.19 min Scan# 412

Delta R.T. -0.01 min

Lab File: VR025711.D

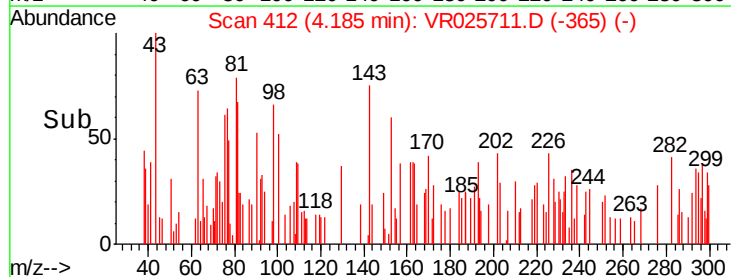
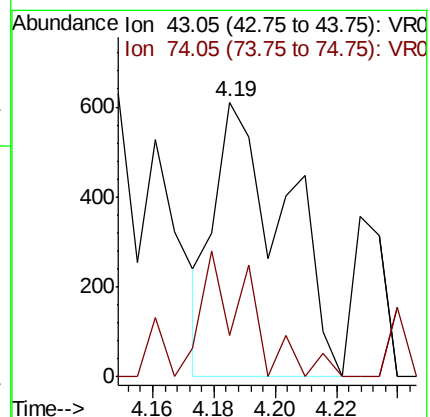
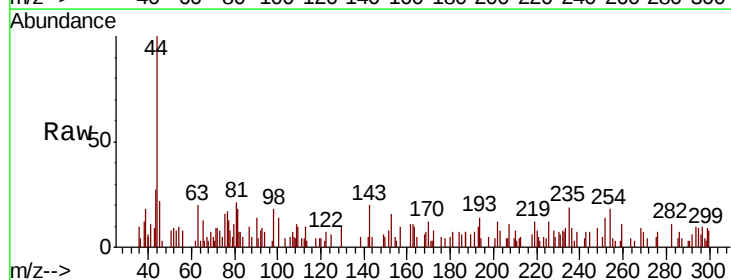
Acq: 13 Sep 2018 12:55

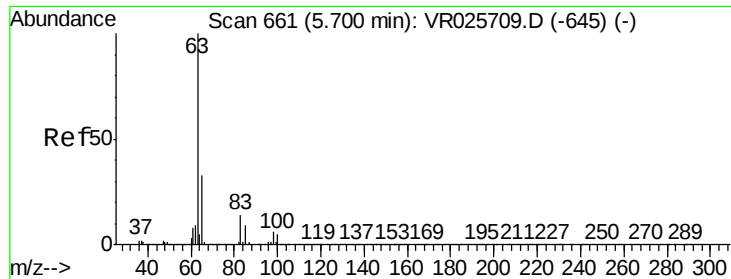
Tgt Ion: 43 Resp: 977

Ion Ratio Lower Upper

43 100

74 35.8 24.2 36.4

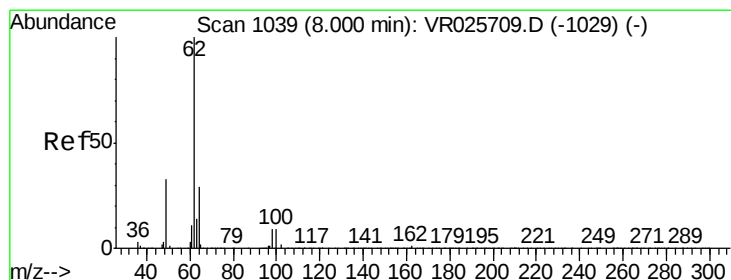
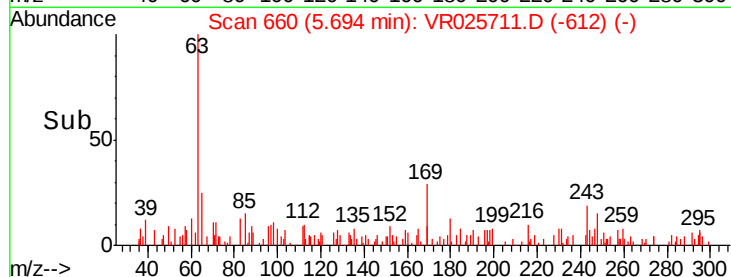
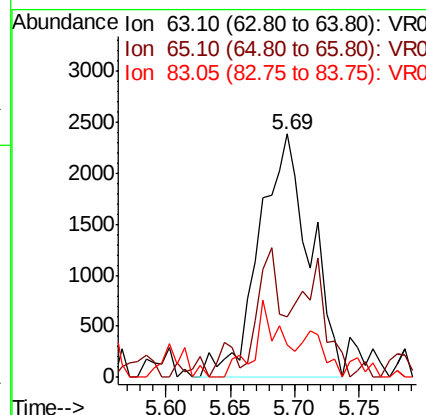
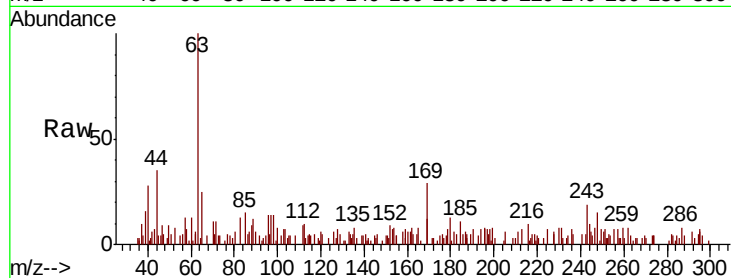




#19
 1,1-Dichloroethane
 Concen: 0.09 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: VR025711.D
 Acq: 13 Sep 2018 12:55

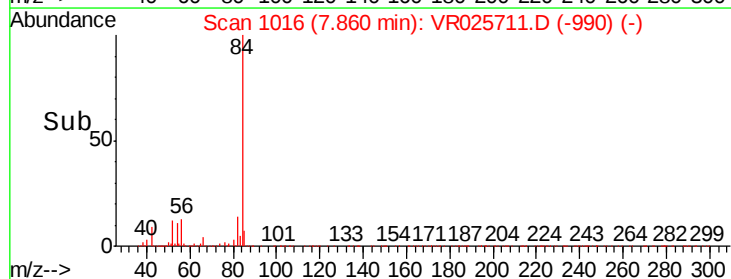
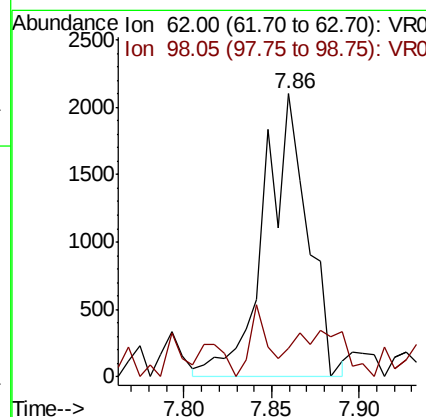
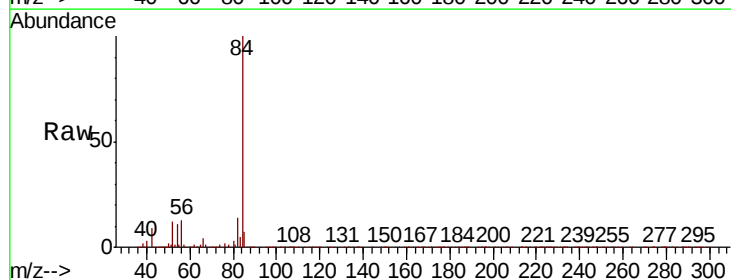
Instrument :
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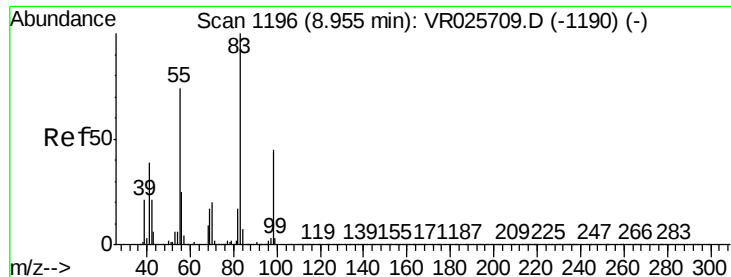
Tot Ion	Ratio	Lower	Upper
63	100		
65	24.7	21.9	40.7
83	13.1	7.6	14.2



#27
 1,2-Dichloroethane
 Concen: 0.14 ug/L
 RT: 7.86 min Scan# 1016
 Delta R.T. -0.14 min
 Lab File: VR025711.D
 Acq: 13 Sep 2018 12:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	9.4	14.2

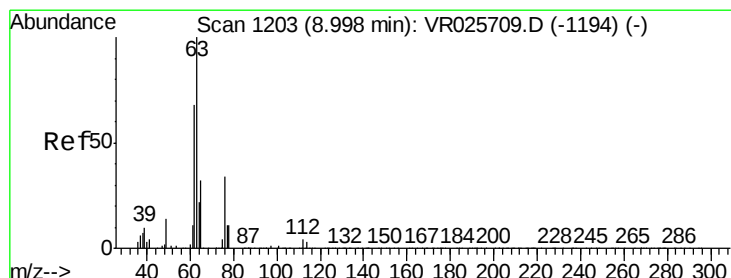
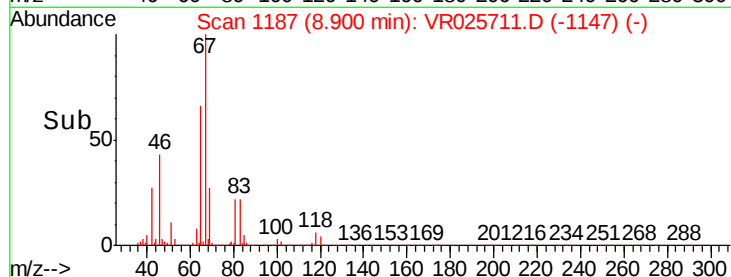
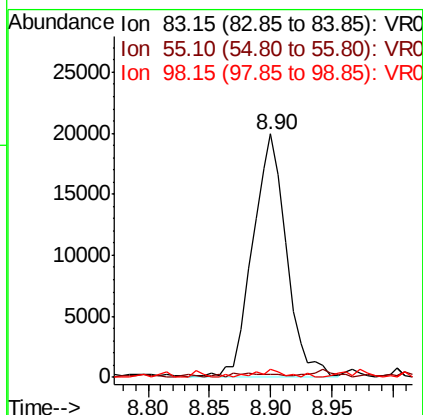
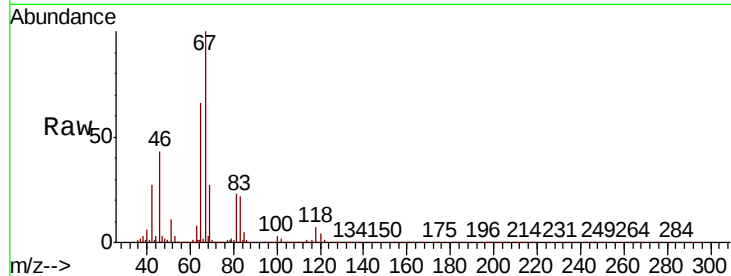




#35
Methvlcvclohexane
Concen: 0.58 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025711.D
Acq: 13 Sep 2018 12:55

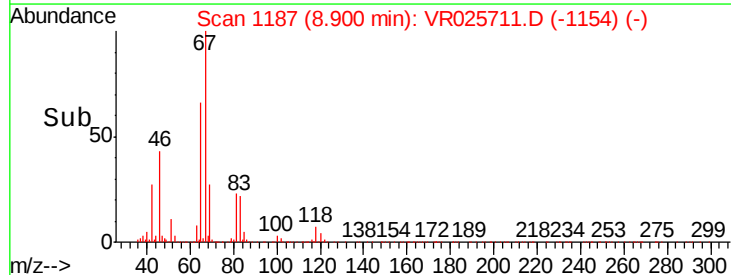
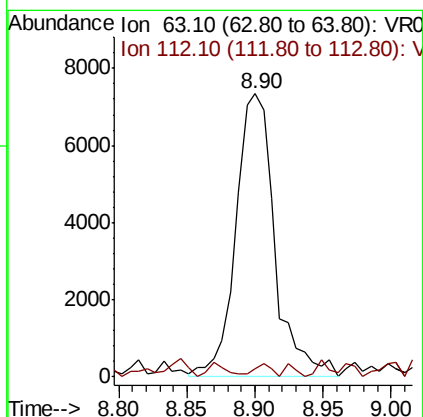
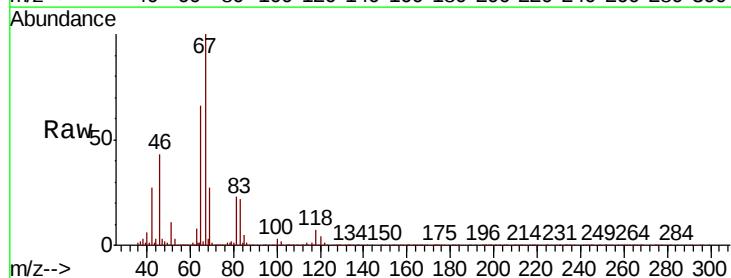
Instrument :
MSVOA_R
ClientSampleId :
C0KP5

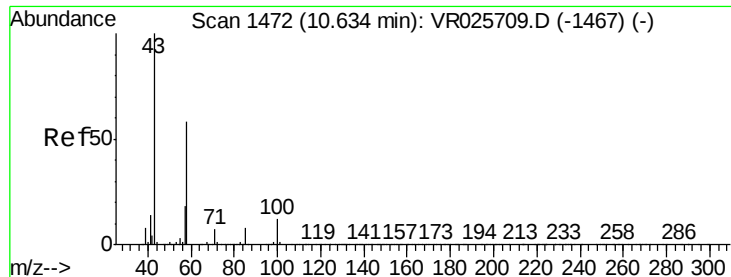
Tot Ion: 83 Resp: 38372
Ion Ratio Lower Upper
83 100
55 2.1 58.9 88.3#
98 3.0 36.9 55.3#



#37
1,2-Dichloropropane
Concen: 0.37 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025711.D
Acq: 13 Sep 2018 12:55

Tgt Ion: 63 Resp: 14678
Ion Ratio Lower Upper
63 100
112 1.9 2.9 4.3#





#48

2-Hexanone

Concen: 2.23 ug/L

RT: 10.60 min Scan# 1466

Delta R.T. -0.04 min

Lab File: VR025711.D

Acq: 13 Sep 2018 12:55

Instrument :

MSVOA_R

ClientSampleId :

C0KP5

Tot Ion: 43 Resp: 15393

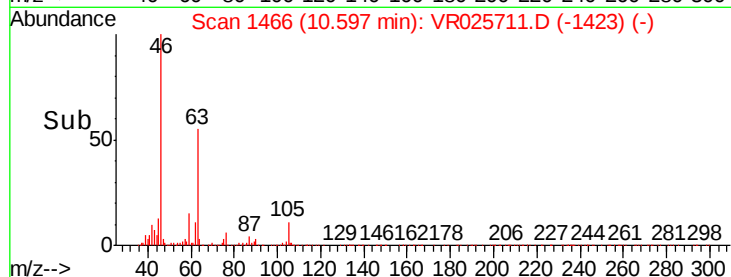
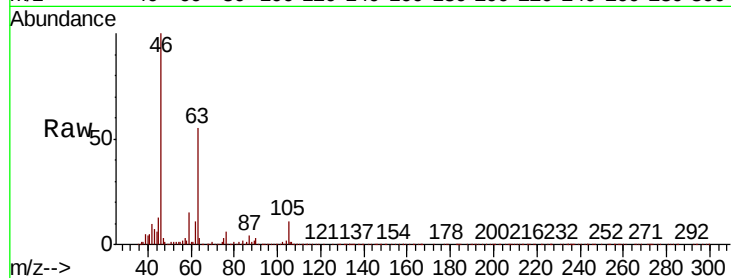
Ion Ratio Lower Upper

43 100

58 43.4 45.8 68.8#

57 40.1 14.2 21.2#

100 10.6 8.6 13.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

