

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025593.D
 Acq On : 8 Aug 2018 13:54
 Operator : SY/MD
 Sample : J4358-13
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:28:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	507839	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	434581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	141933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	204808	6.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.00%
7) Chloroethane-d5	2.63	69	161884	6.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.60%#
11) 1,1-Dichloroethene-d2	3.62	63	334388	4.60	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	6.59	46	145013	55.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.50%
24) Chloroform-d	7.21	84	294551	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	7.90	65	102586	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	7.86	84	673171	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
36) 1,2-Dichloropropane-d6	8.90	67	175058	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	9.97	98	652895	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
43) trans-1,3-Dichloropropene-	10.24	79	37699	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	10.59	63	141150	56.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72788	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	154949	7.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	143.00%#

Target Compounds

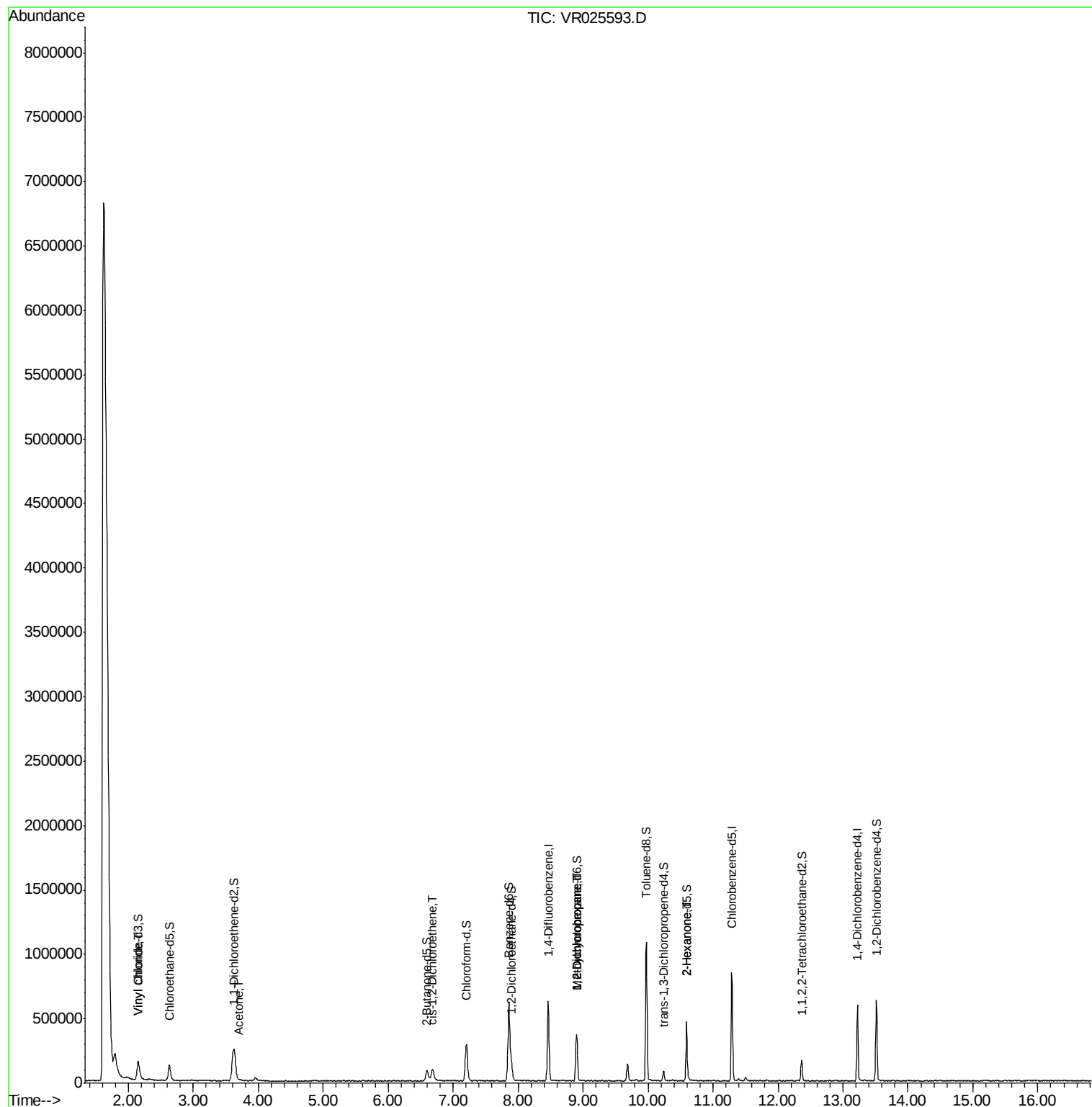
					Ovalue
5) Vinyl chloride	2.15	62	48162	1.255 ug/L #	80
13) Acetone	3.71	43	9620	4.400 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	46595	1.468 ug/L #	98
35) Methylcyclohexane	8.90	83	40705	0.811 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	17737	0.628 ug/L	98
48) 2-Hexanone	10.59	43	17700	3.296 ug/L #	66

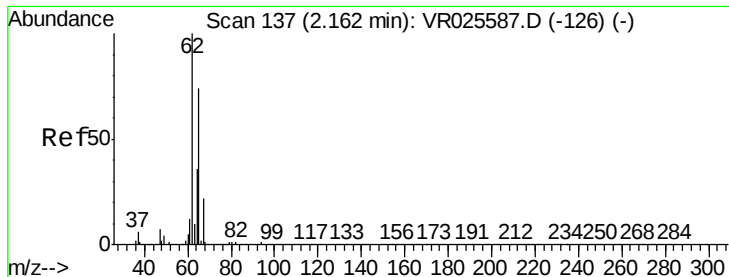
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.255 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025593.D

Acq: 8 Aug 2018 13:54

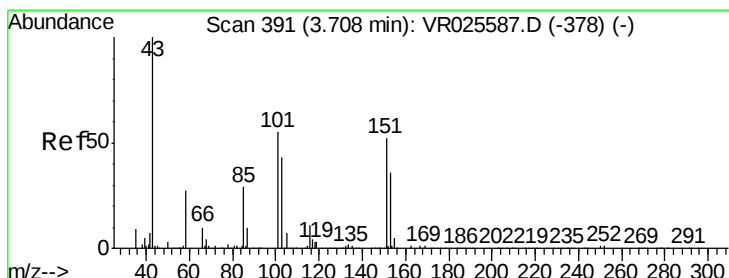
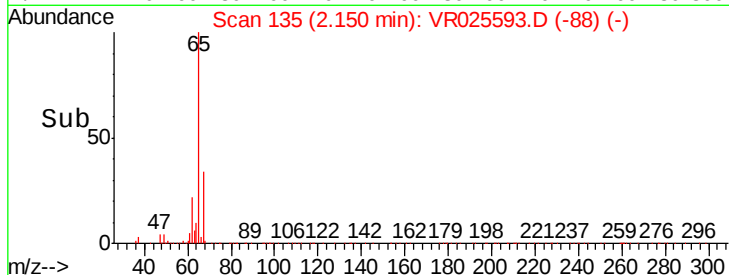
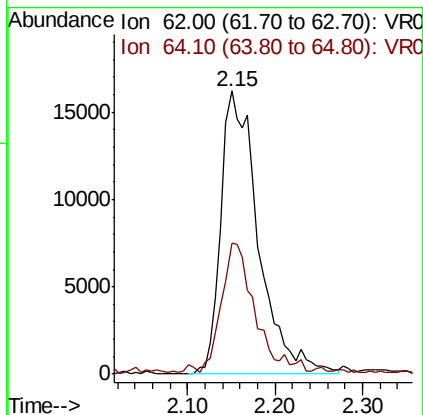
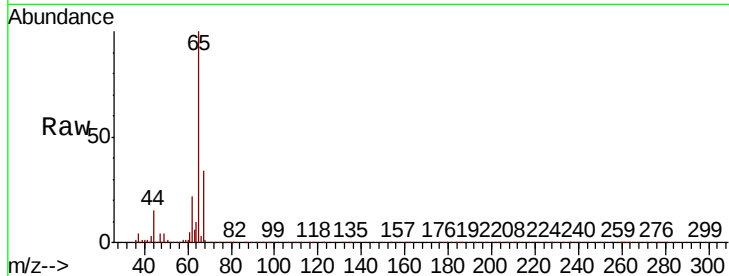
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 62 Resp: 48162

Ion Ratio Lower Upper

62 100

64 46.3 24.1 44.8#



#13

Acetone

Concen: 4.400 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.00 min

Lab File: VR025593.D

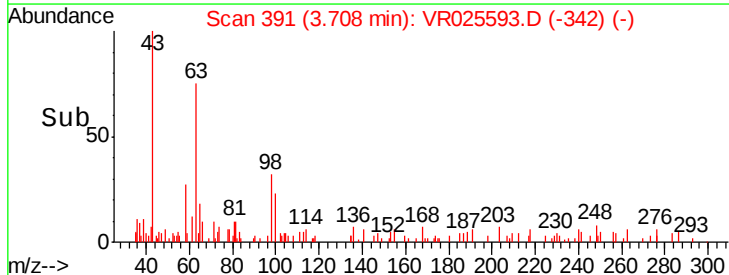
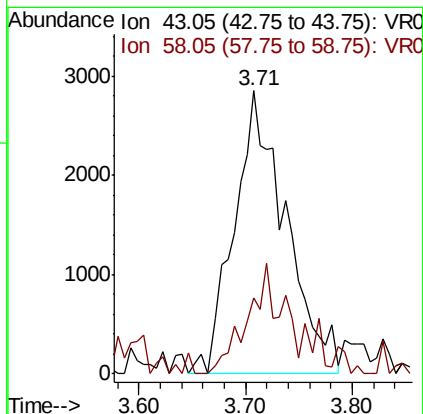
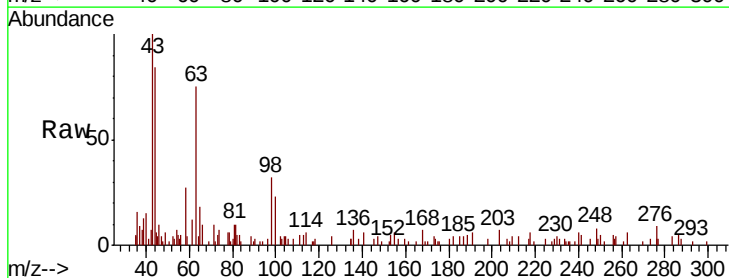
Acq: 8 Aug 2018 13:54

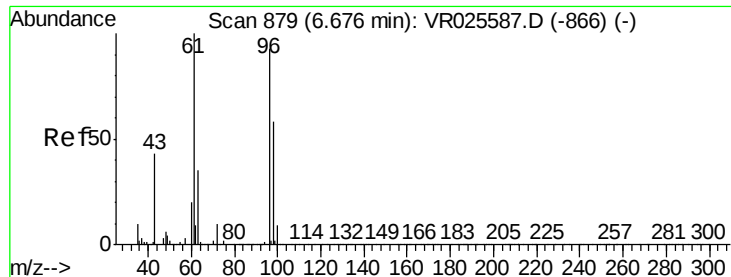
Tgt Ion: 43 Resp: 9620

Ion Ratio Lower Upper

43 100

58 26.4 0.0 53.4



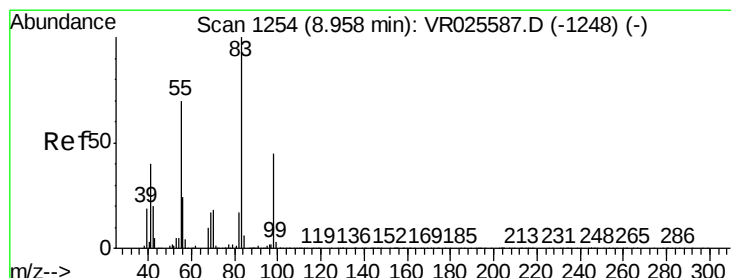
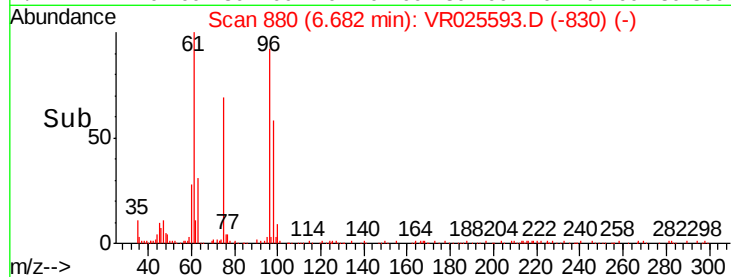
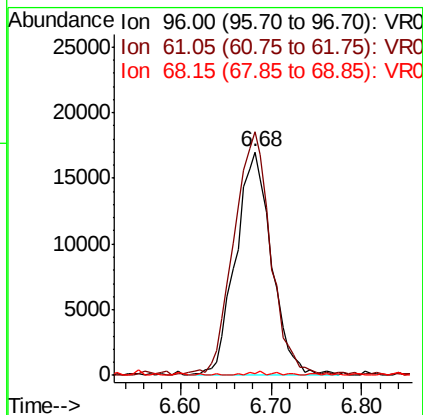
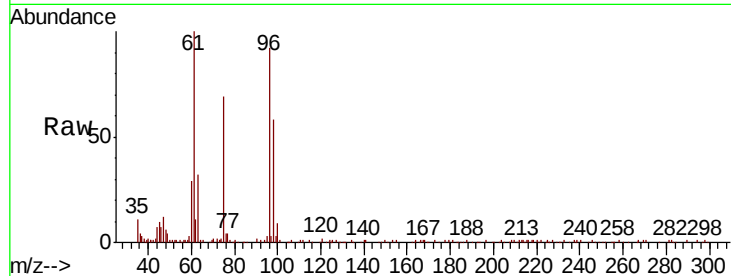


#22

cis-1,2-Dichloroethene
 Concen: 1.468 ug/L
 RT: 6.68 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VR025593.D
 Acq: 8 Aug 2018 13:54

Instrument :
 MSVOA_R
 ClientSampled :

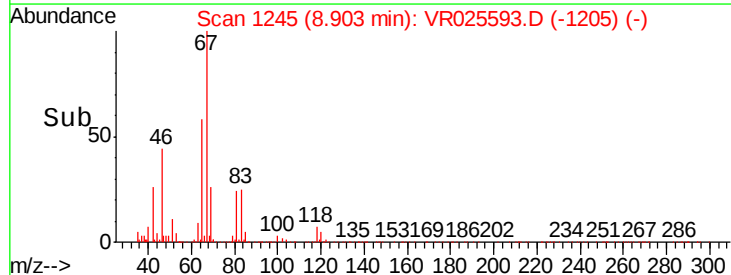
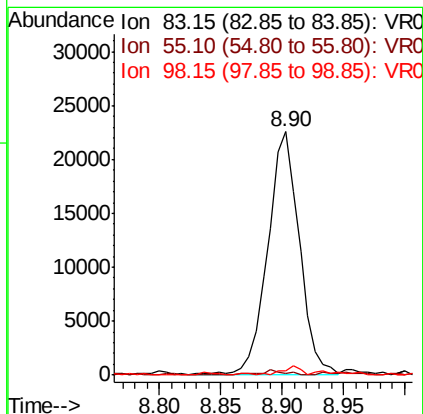
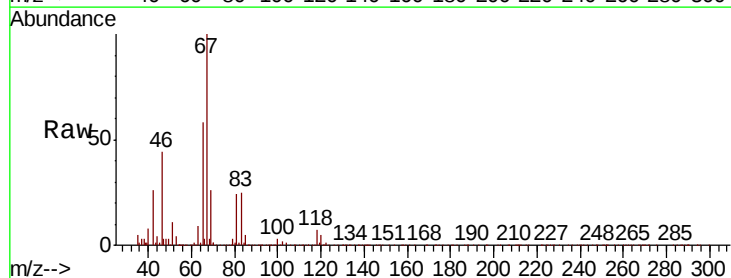
Tot Ion	Ratio	Lower	Upper
96	100		
61	108.9	77.7	144.3
68	0.5	0.0	0.0#

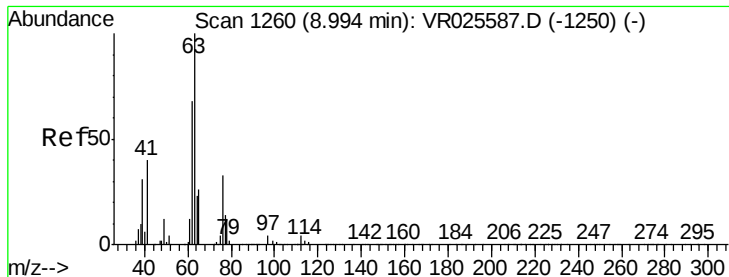


#35

Methylcyclohexane
 Concen: 0.811 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.05 min
 Lab File: VR025593.D
 Acq: 8 Aug 2018 13:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.7	58.3	87.5#
98	2.2	37.8	56.6#





#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025593.D

Acq: 8 Aug 2018 13:54

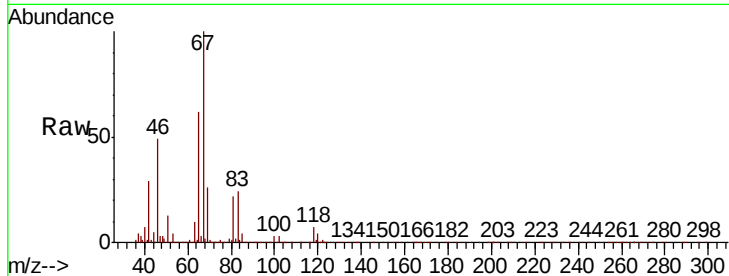
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 17737

Ion Ratio Lower Upper

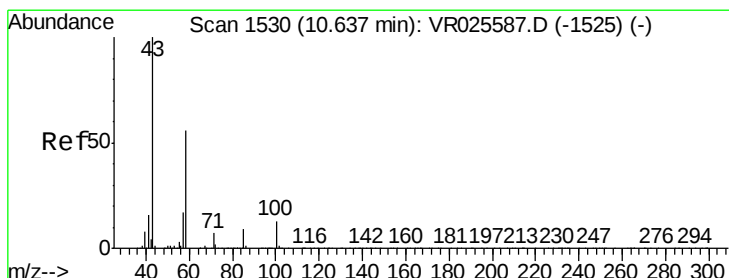
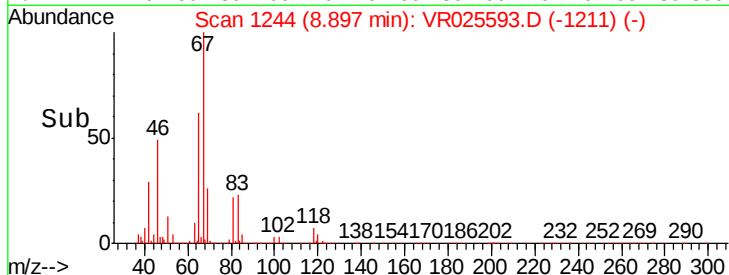
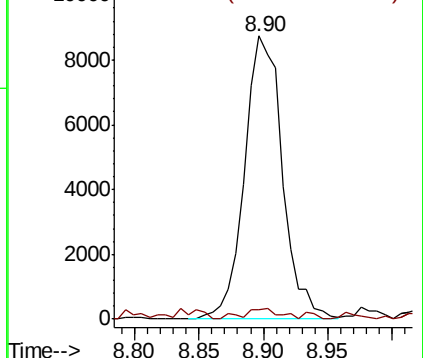
63 100

112 3.5 3.3 4.9



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 3.296 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025593.D

Acq: 8 Aug 2018 13:54

Tgt Ion: 43 Resp: 17700

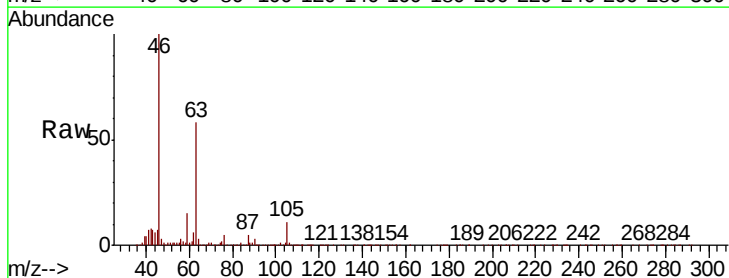
Ion Ratio Lower Upper

43 100

58 27.2 45.0 67.6#

57 30.1 15.8 23.6#

100 2.6 9.3 13.9#



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

