

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092618\
 Data File : VR025859.D
 Acq On : 26 Sep 2018 12:31
 Operator : SY/MD
 Sample : J5011-10DL 10X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 27 07:50:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 07:50:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	393828	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	316343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	102307	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	109044	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	2.63	69	101229	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	3.63	63	204201	2.99	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	6.59	46	184288	49.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	7.20	84	228929	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	7.90	65	102534	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	7.85	84	468282	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	8.89	67	136111	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	9.97	98	397646	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	10.24	79	25305	2.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.00%
46) 2-Hexanone-d5	10.59	63	134696	45.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53431	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	69151	3.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.00%#

Target Compounds

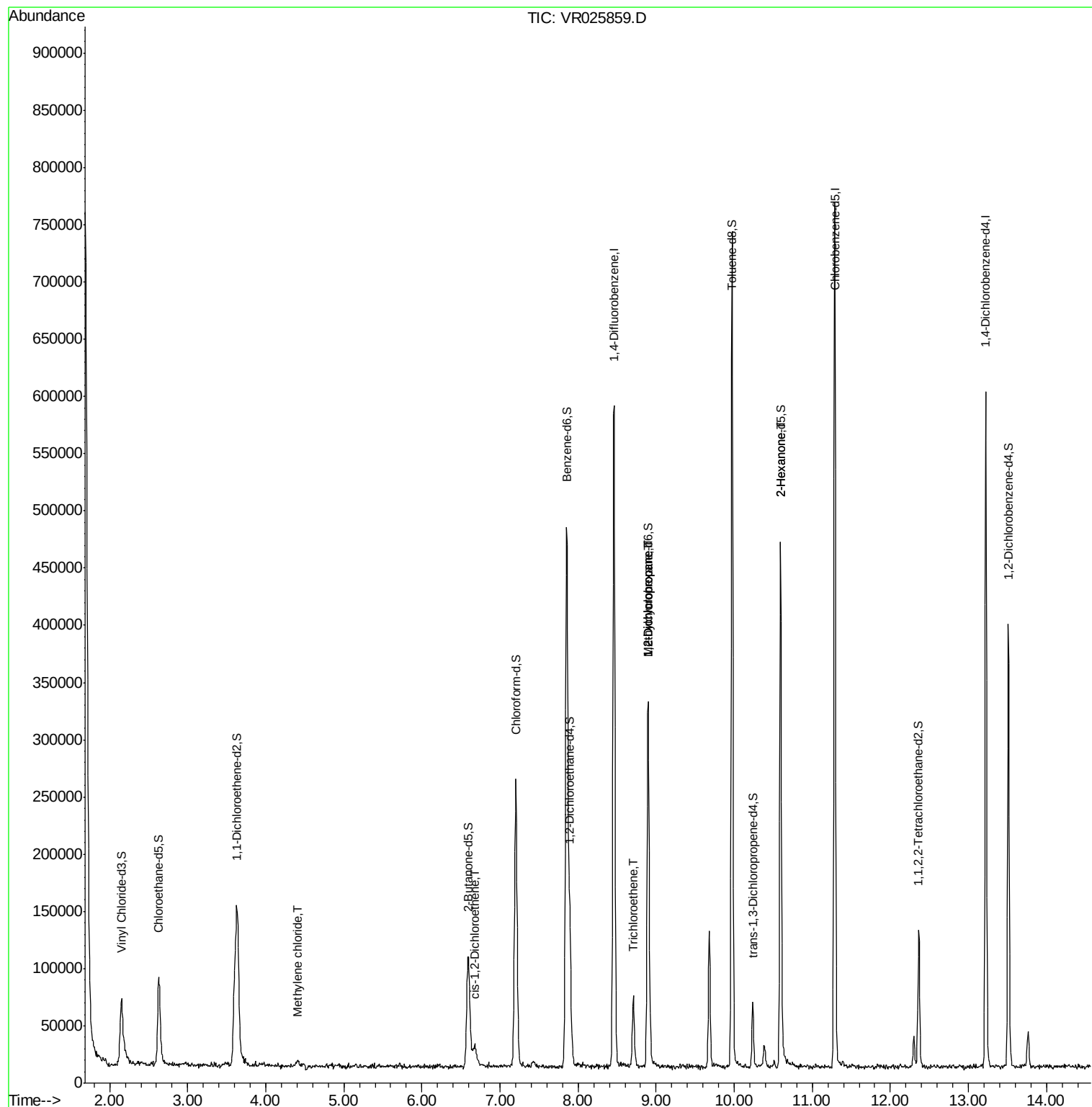
					Ovalue
16) Methylene chloride	4.40	84	3012	0.099 ug/L #	66
22) cis-1,2-Dichloroethene	6.68	96	6181	0.160 ug/L #	68
34) Trichloroethene	8.71	95	20468	0.464 ug/L	98
35) Methylcyclohexane	8.90	83	30649	0.424 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	16223	0.438 ug/L #	94
48) 2-Hexanone	10.59	43	21275	2.510 ug/L #	68

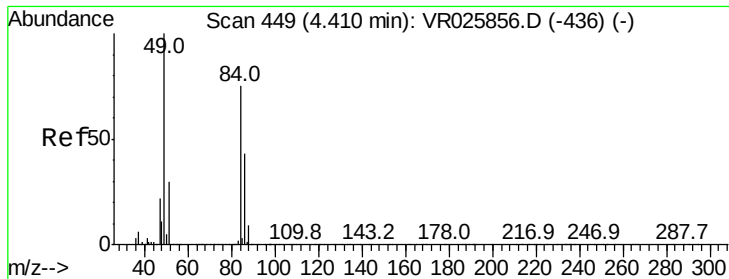
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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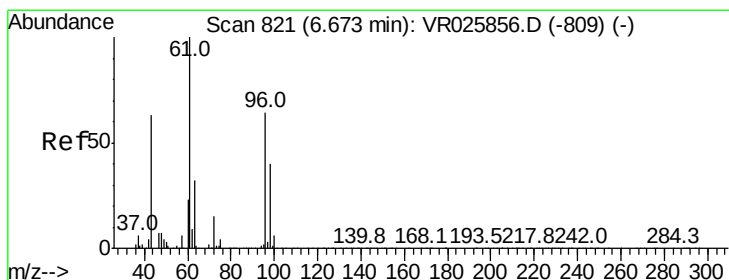
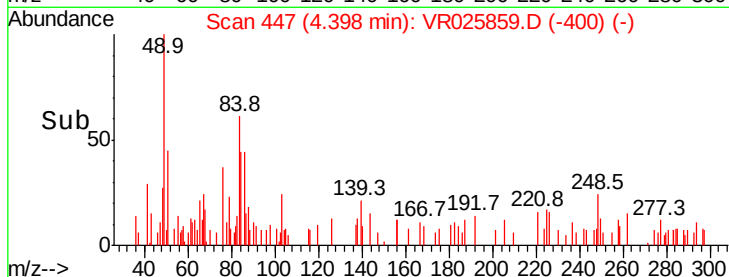
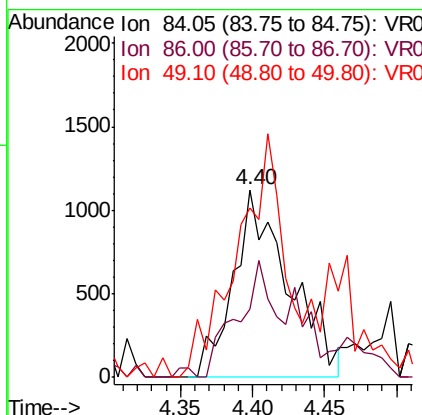
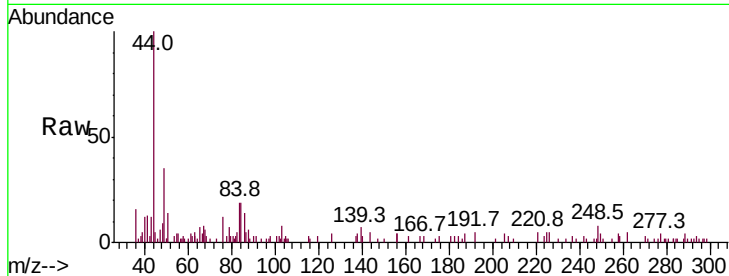




#16
Methylene chloride
Concen: 0.099 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR025859.D
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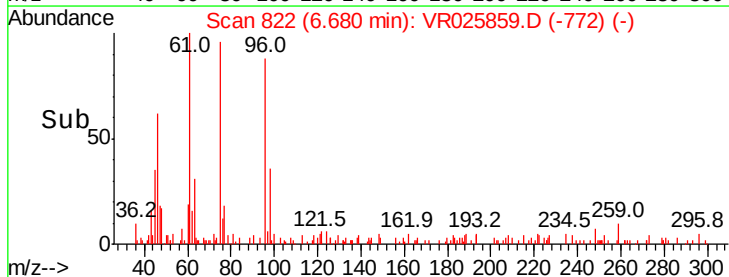
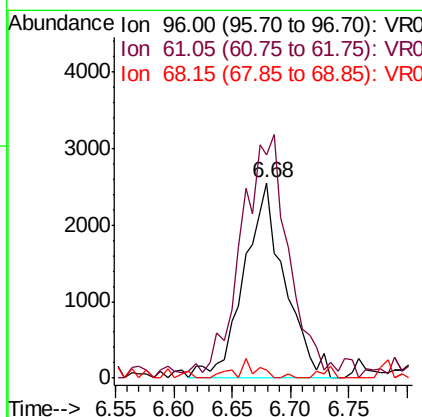
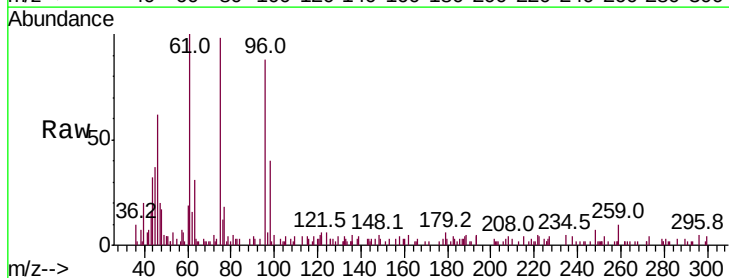
Instrument :
MSVOA_R
ClientSampled :

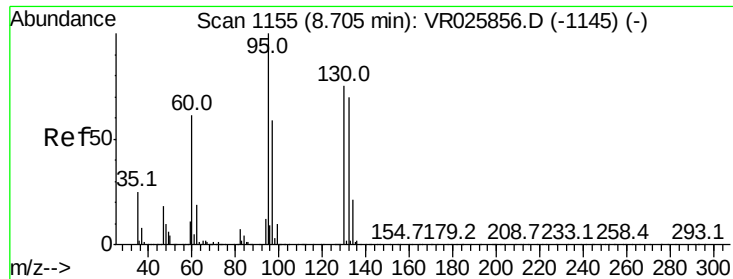
Tot Ion: 84 Resp: 3012
Ion Ratio Lower Upper
84 100
86 36.1 43.1 80.1#
49 95.8 95.5 177.3



#22
cis-1,2-Dichloroethene
Concen: 0.160 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR025859.D
Acq: 26 Sep 2018 12:31

Tgt Ion: 96 Resp: 6181
Ion Ratio Lower Upper
96 100
61 114.2 108.7 201.9
68 4.4 0.1 0.1#

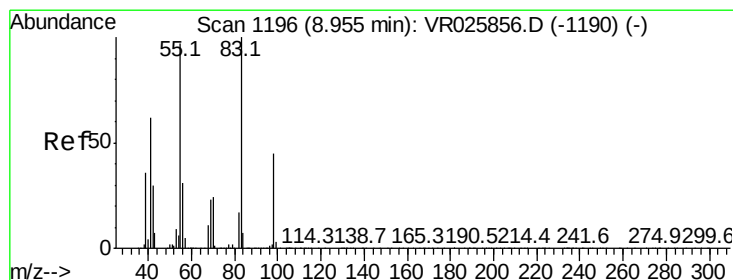
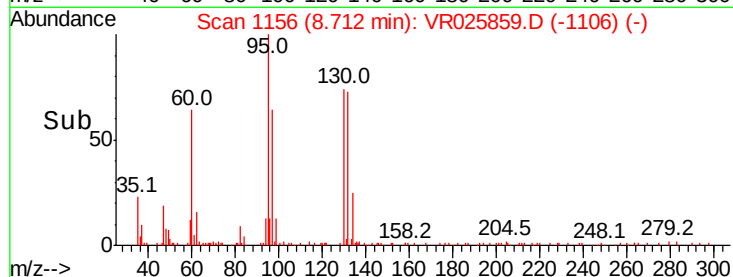
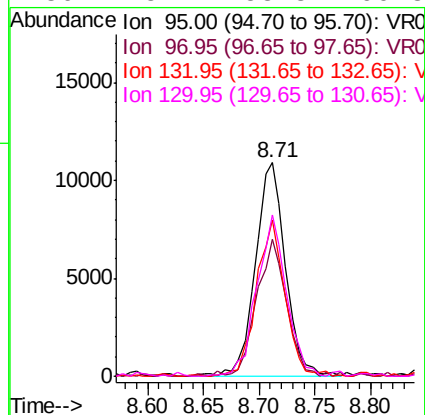
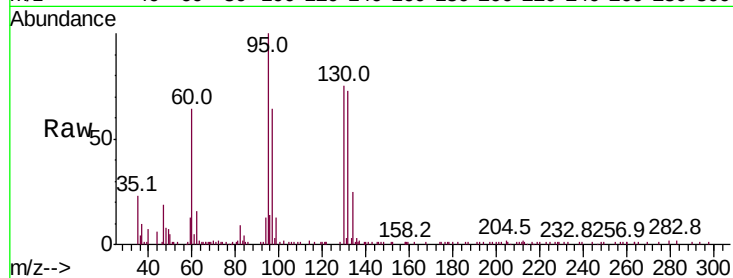




#34
 Trichloroethene
 Concen: 0.464 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR025859.D
 Acq: 26 Sep 2018 12:31

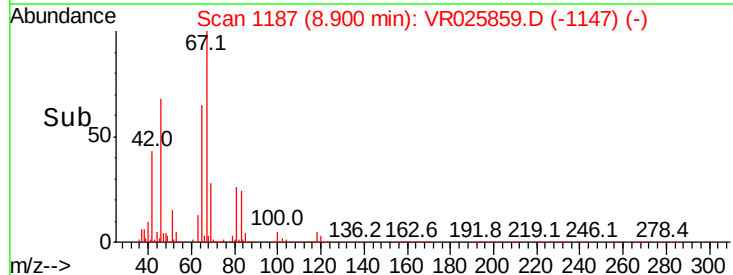
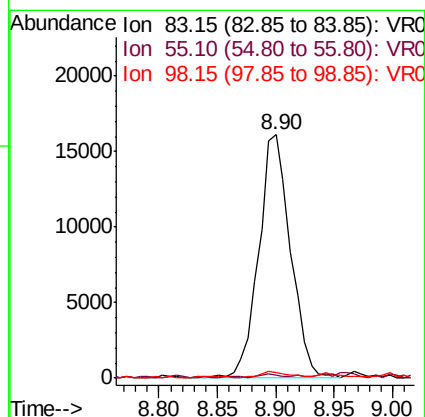
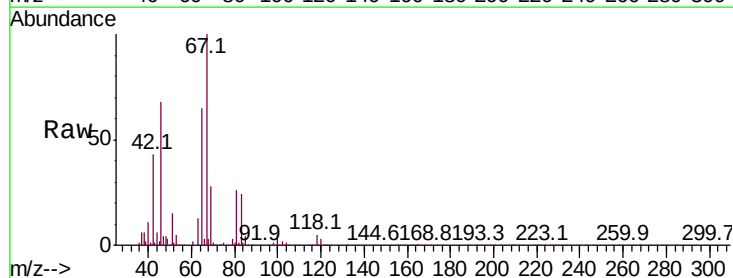
Instrument :
 MSVOA_R
 ClientSampled :

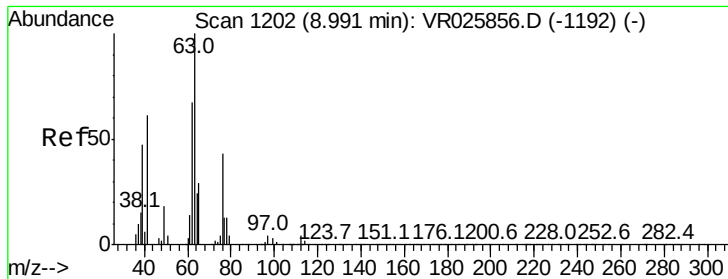
Tot Ion:	95	Resp:	20468
Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.9	81.5
132	73.3	53.3	98.9
130	75.4	53.8	99.8



#35
 Methylcyclohexane
 Concen: 0.424 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR025859.D
 Acq: 26 Sep 2018 12:31

Tgt Ion:	83	Resp:	30649
Ion	Ratio	Lower	Upper
83	100		
55	1.0	71.8	107.6#
98	2.5	34.2	51.4#





#37

1,2-Dichloropropane

Concen: 0.438 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

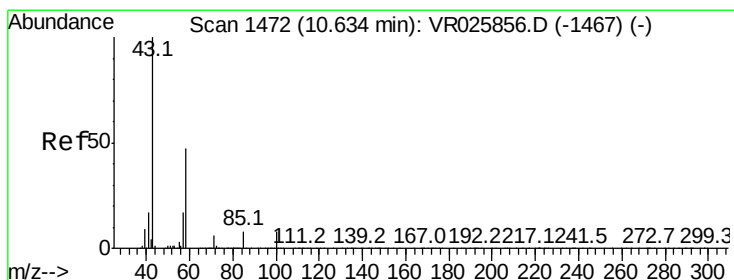
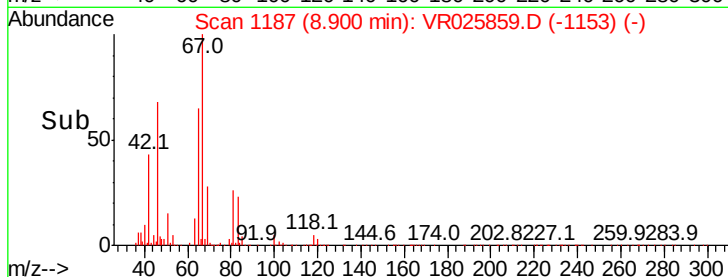
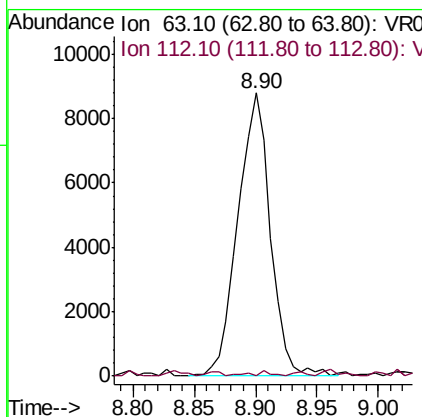
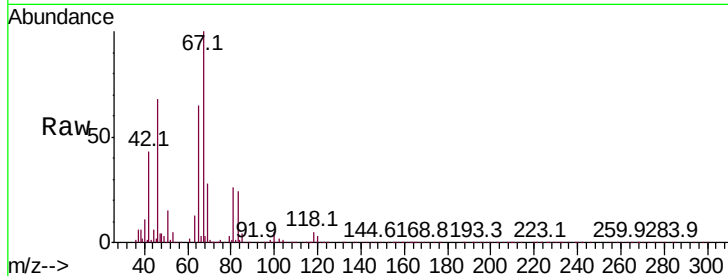
Lab File: VR025859.D

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Instrument :
MSVOA_R
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Tot Ion: 63 Resp: 16223

Ion	Ratio	Lower	Upper
63	100		
112	1.1	2.5	3.7#



#48

2-Hexanone

Concen: 2.510 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025859.D

Acq: 26 Sep 2018 12:31

Tgt Ion: 43 Resp: 21275

Ion	Ratio	Lower	Upper
43	100		
58	20.0	39.5	59.3#
57	23.3	14.6	21.8#
100	2.7	6.7	10.1#

