

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092818\
 Data File : VR025904.D
 Acq On : 28 Sep 2018 16:57
 Operator : SY/MD
 Sample : J5119-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 29 05:16:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 29 05:14:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511638	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	422678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	139583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	184664	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.63	69	157245	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	3.63	63	342088	3.61	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	6.58	46	226204	50.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.58%
24) Chloroform-d	7.20	84	310961	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	7.89	65	140630	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.85	84	642897	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	8.90	67	171132	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	9.97	98	584212	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.24	79	35821	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	160723	48.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64047	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	105422	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

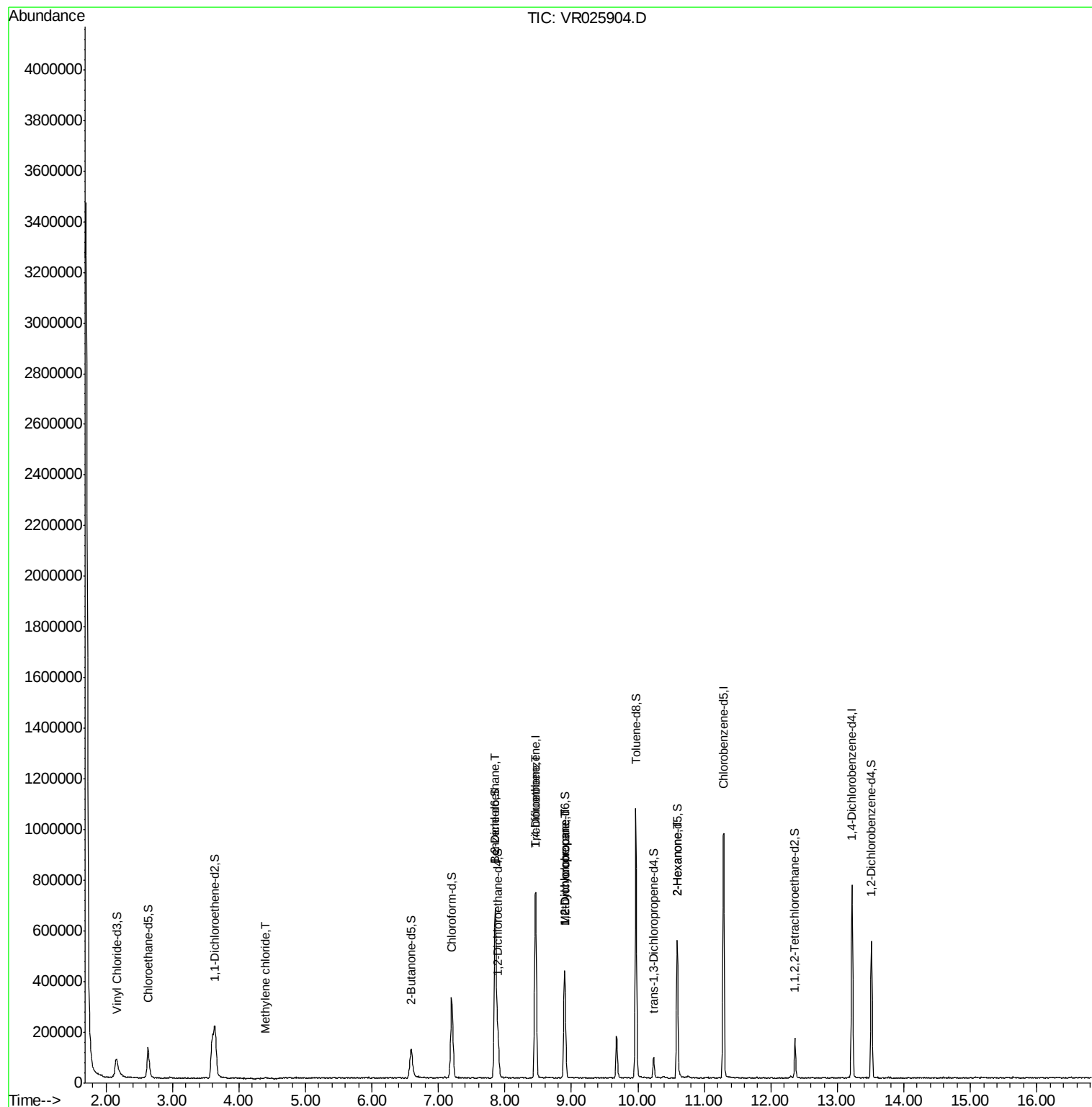
					Ovalue
16) Methylene chloride	4.40	84	3569	0.100 ug/L	77
27) 1,2-Dichloroethane	7.86	62	4943	0.161 ug/L	97
34) Trichloroethene	8.46	95	17699	0.474 ug/L #	15
35) Methylcyclohexane	8.89	83	41521	0.739 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	22307	0.733 ug/L #	93
48) 2-Hexanone	10.59	43	24474	3.495 ug/L #	74

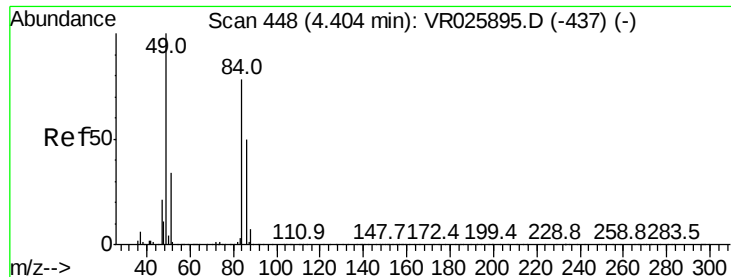
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR092818\
Data File : VR025904.D
Acq On : 28 Sep 2018 16:57
Operator : SY/MD
Sample : J5119-11
Misc : 25mL/MSVOA R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Sep 29 05:16:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 29 05:14:56 2018
Response via : Initial Calibration

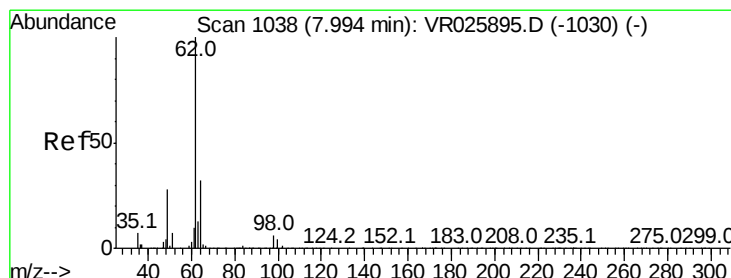
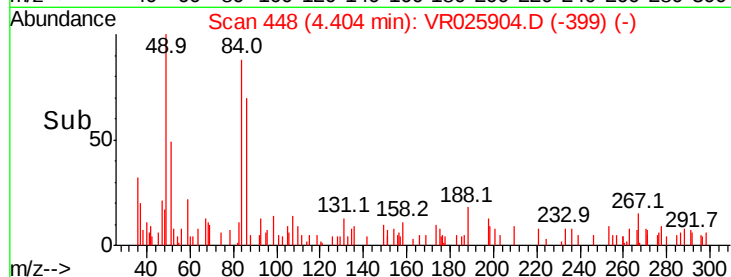
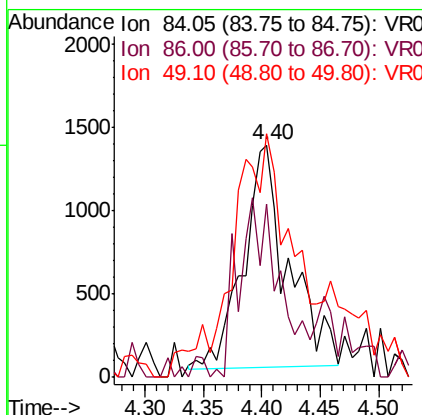
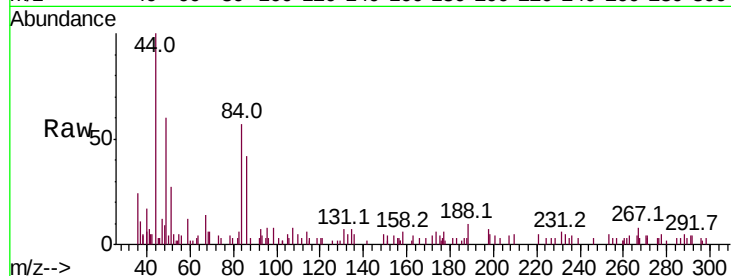




#16
Methvlene chloride
Concen: 0.100 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.00 min
Lab File: VR025904.D
Acq: 28 Sep 2018 16:57

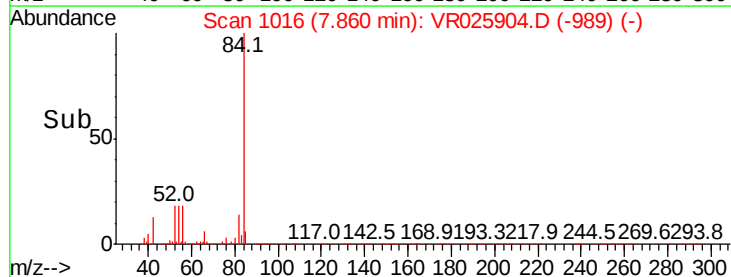
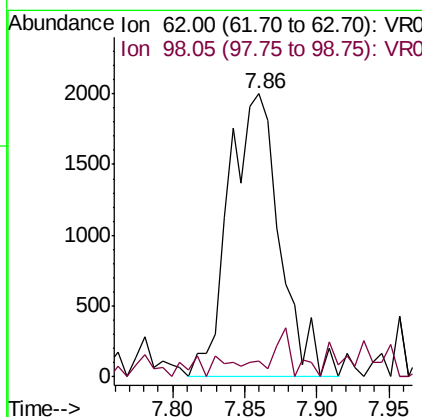
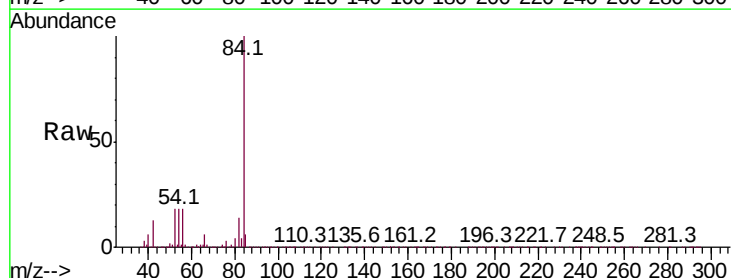
Instrument :
MSVOA_R
ClientSampleId :

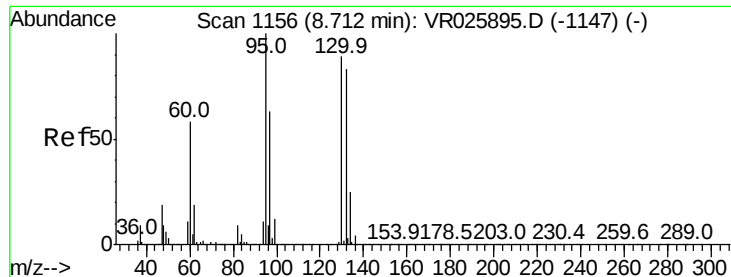
Tot Ion: 84 Resp: 3569
Ion Ratio Lower Upper
84 100
86 74.4 43.1 80.1
49 104.7 95.5 177.3



#27
1,2-Dichloroethane
Concen: 0.161 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR025904.D
Acq: 28 Sep 2018 16:57

Tgt Ion: 62 Resp: 4943
Ion Ratio Lower Upper
62 100
98 5.6 5.2 7.8





#34

Trichloroethene

Concen: 0.474 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025904.D

Acq: 28 Sep 2018 16:57

Instrument :

MSVOA_R

ClientSampled :

Tot Ion: 95 Resp: 17699

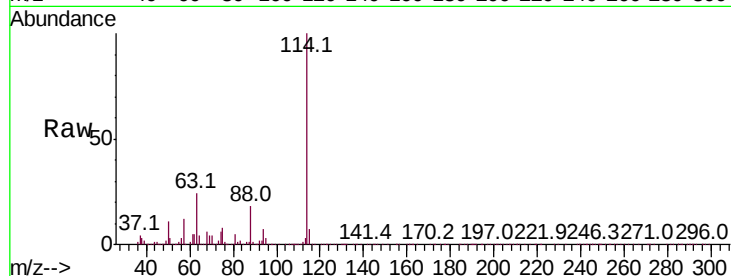
Ion Ratio Lower Upper

95 100

97 1.1 43.9 81.5#

132 1.9 53.3 98.9#

130 1.1 53.8 99.8#

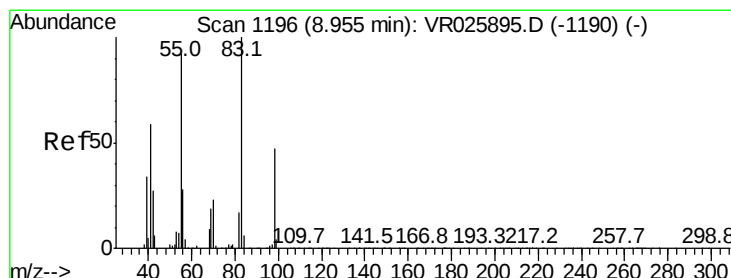
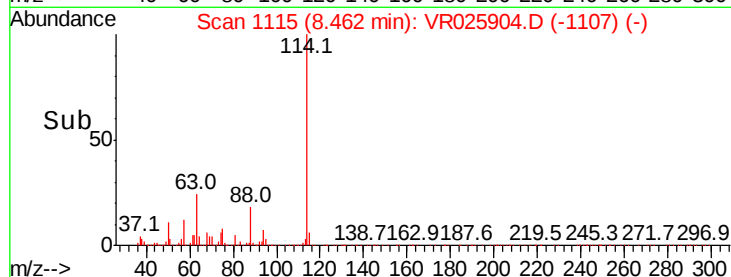
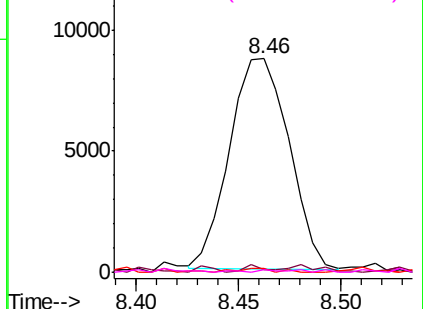


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR025904.D

Acq: 28 Sep 2018 16:57

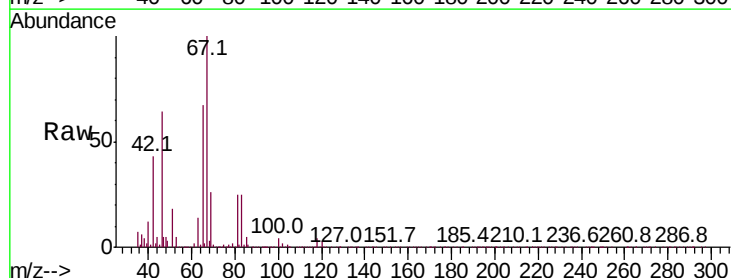
Tgt Ion: 83 Resp: 41521

Ion Ratio Lower Upper

83 100

55 1.4 71.8 107.6#

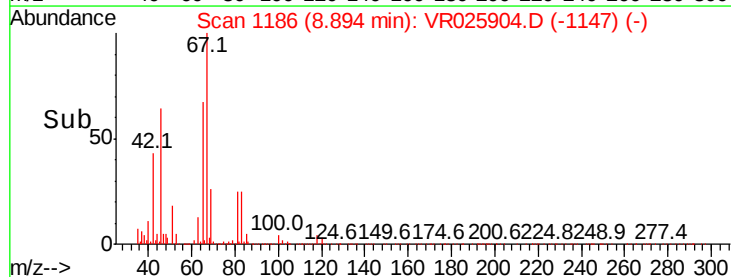
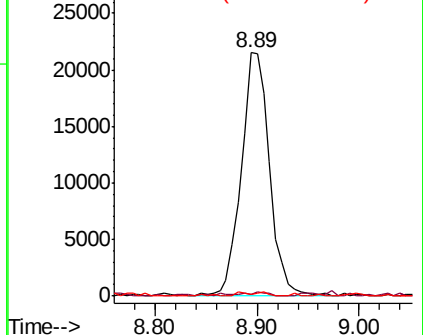
98 0.8 34.2 51.4#

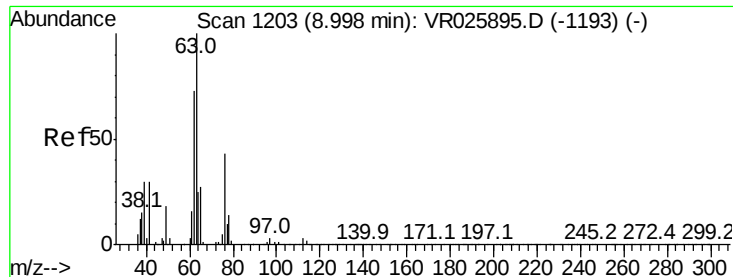


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.733 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

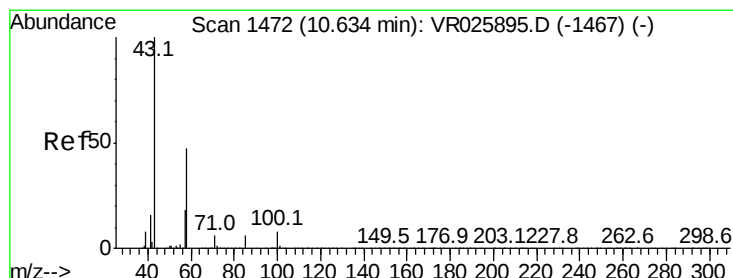
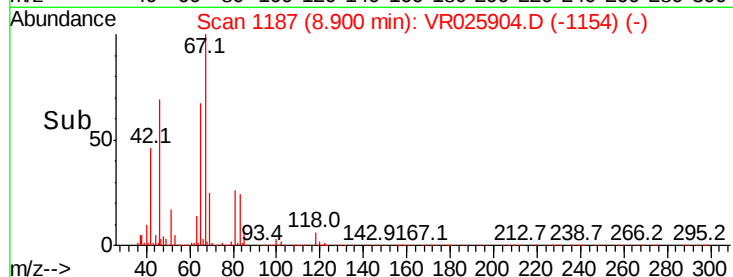
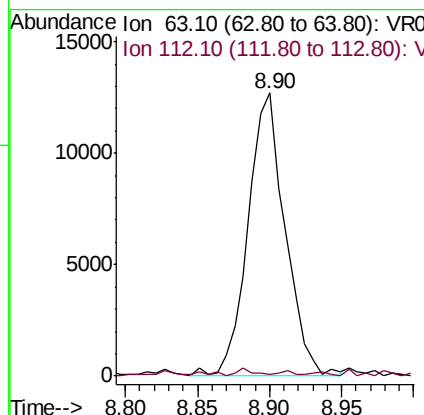
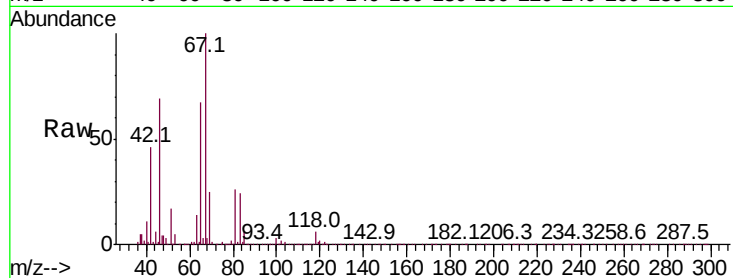
Lab File: VR025904.D

Acq: 28 Sep 2018 16:57

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 22307

Ion	Ratio	Lower	Upper
63	100		
112	0.7	2.5	3.7#



#48

2-Hexanone

Concen: 3.495 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025904.D

Acq: 28 Sep 2018 16:57

Tgt Ion: 43 Resp: 24474

Ion	Ratio	Lower	Upper
43	100		
58	27.3	39.5	59.3#
57	23.4	14.6	21.8#
100	1.0	6.7	10.1#

