

Data File : VR025830.D
Acq On : 24 Sep 2018 18:43
Operator : SY/MD
Sample : J4989-06DL 5X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ETOR8DL

Quant Time: Sep 25 07:33:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 25 07:30:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	489867	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	389626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	130927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	147331	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	2.62	69	121876	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	3.62	63	250730	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	6.59	46	220191	47.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.18%
24) Chloroform-d	7.20	84	287096	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	7.89	65	132340	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	7.85	84	585464	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	8.90	67	166568	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	9.97	98	505709	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	10.24	79	35041	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	10.59	63	161383	44.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.54%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64938	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	89791	4.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.20%

Target Compounds

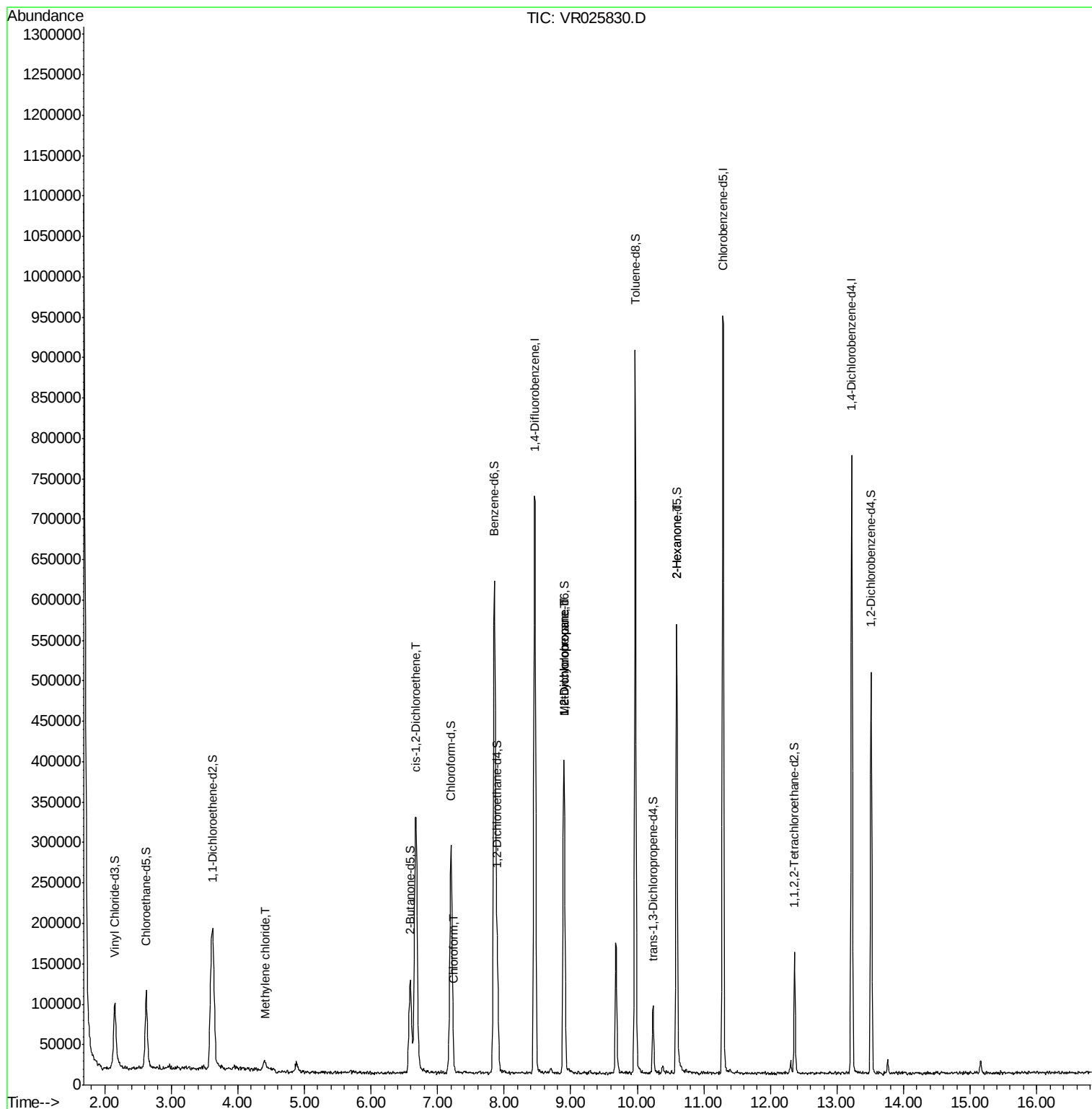
						Qvalue
16) Methylene chloride	4.42	84	7589	0.200	ug/L #	52
22) cis-1,2-Dichloroethene	6.67	96	179683	3.731	ug/L #	97
25) Chloroform	7.24	83	7749	0.086	ug/L	93
35) Methylcyclohexane	8.90	83	36945	0.415	ug/L #	16
37) 1,2-Dichloropropane	8.89	63	21191	0.465	ug/L #	91
48) 2-Hexanone	10.59	43	23909	2.290	ug/L #	71

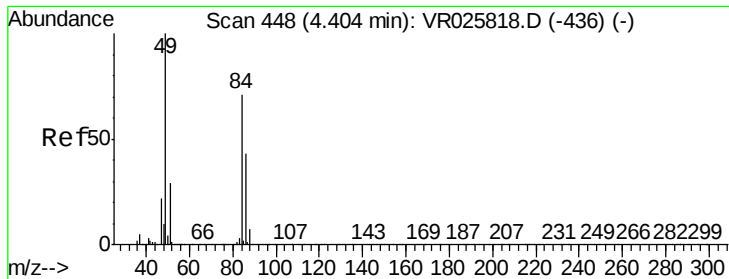
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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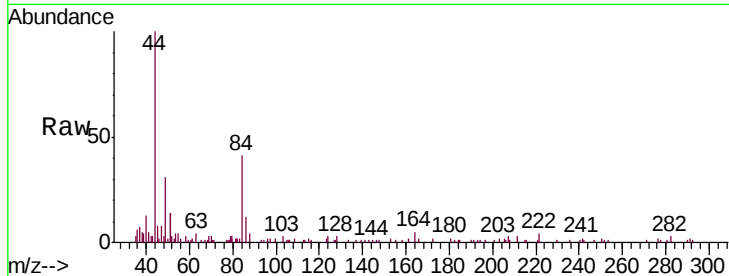




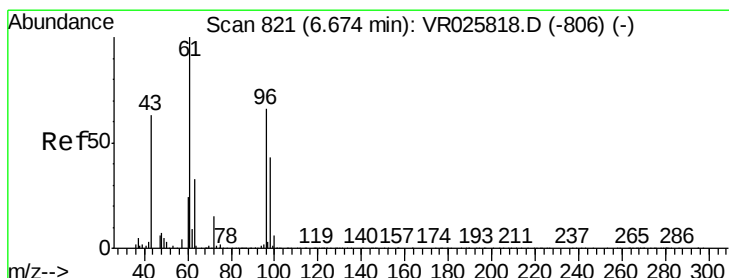
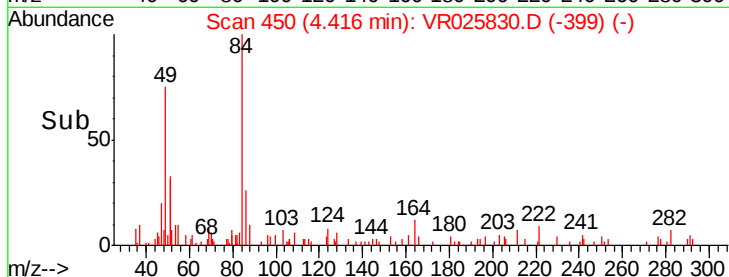
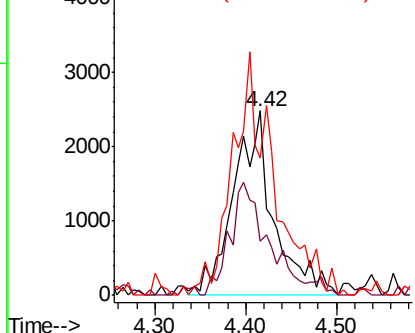
#16
Methylene chloride
Concen: 0.200 ug/L
RT: 4.42 min Scan# 450
Delta R.T. 0.01 min
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Instrument :
MSVOA_R
ClientSampleId :
ETOR8DL

Tgt Ion: 84 Resp: 7589
Ion Ratio Lower Upper
84 100
86 29.7 43.1 80.1#
49 74.7 95.5 177.3#

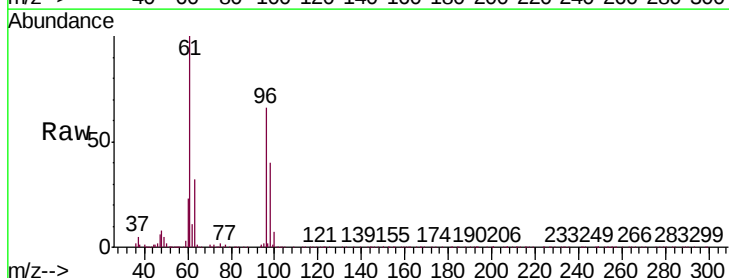


Abundance Ion 84.05 (83.75 to 84.75): VR0
Ion 86.00 (85.70 to 86.70): VR0
Ion 49.10 (48.80 to 49.80): VR0

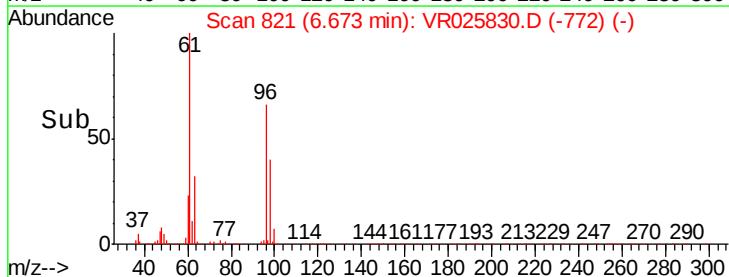
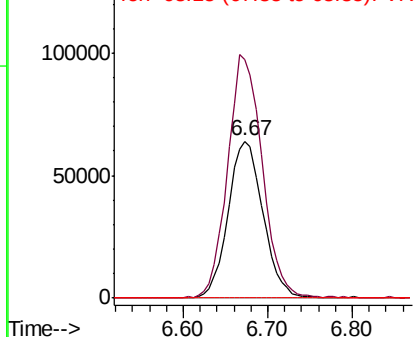


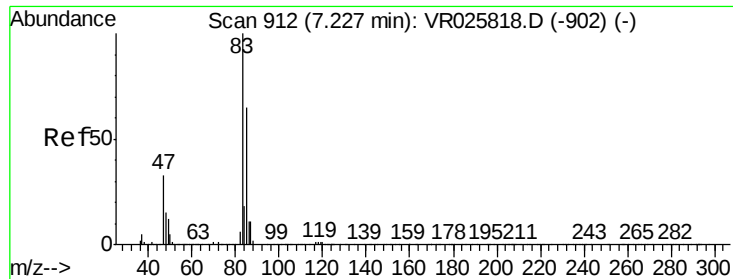
#22
cis-1,2-Dichloroethene
Concen: 3.731 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.00 min
Lab File: VR025830.D
Acq: 24 Sep 2018 18:43

Tgt Ion: 96 Resp: 179683
Ion Ratio Lower Upper
96 100
61 151.4 108.7 201.9
68 0.0 0.1 0.1#



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0

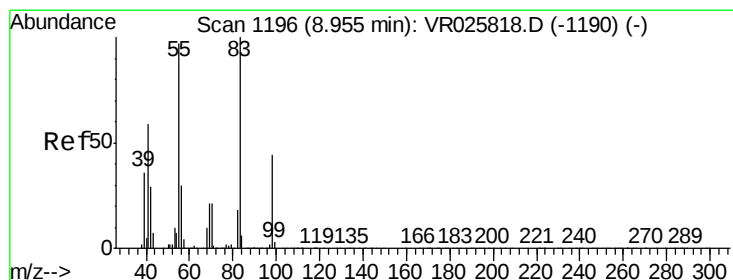
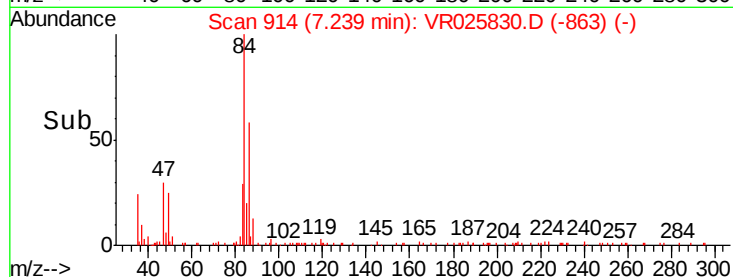
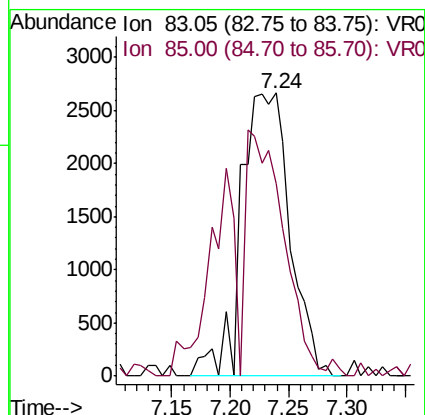
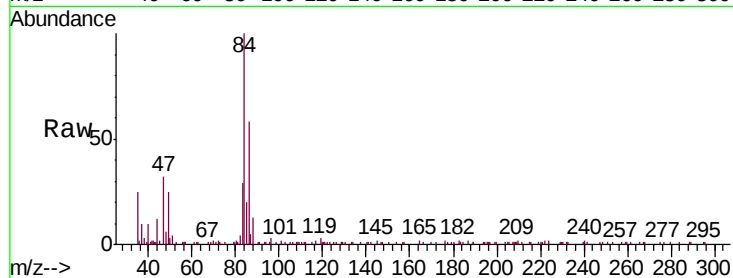




#25
Chloroform
Concen: 0.086 ug/L
RT: 7.24 min Scan# 914
Delta R.T. 0.01 min
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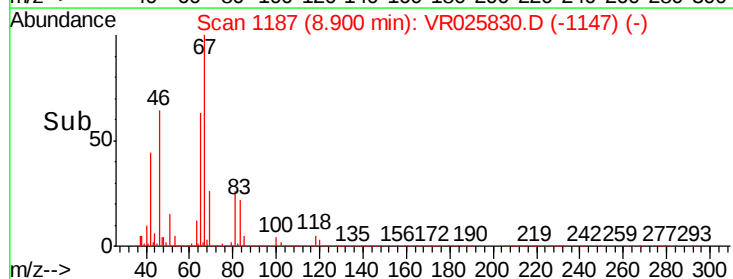
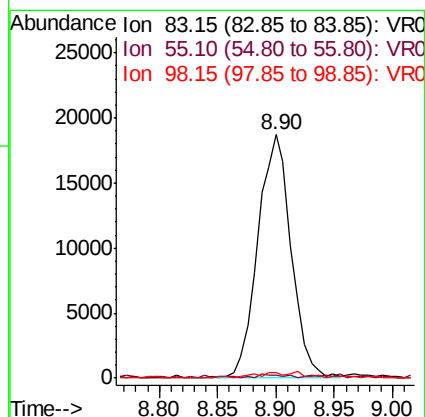
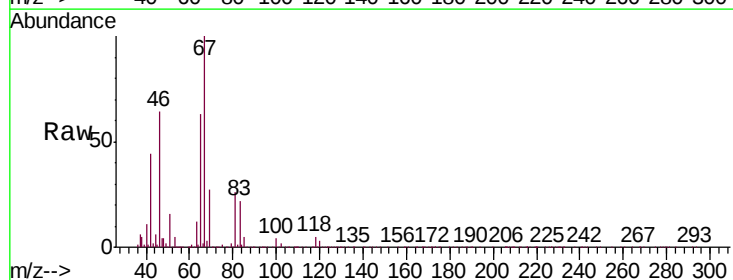
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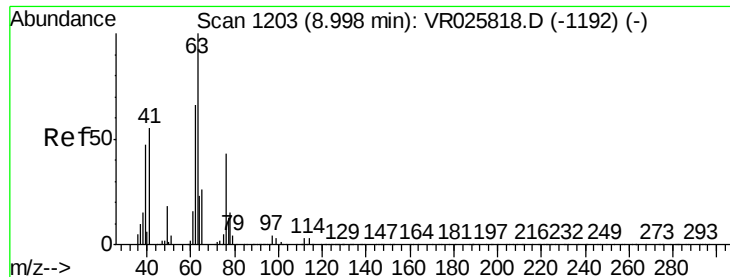
Tgt Ion: 83 Resp: 7749
Ion Ratio Lower Upper
83 100
85 68.1 43.8 81.4



#35
Methylcyclohexane
Concen: 0.415 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025830.D
Acq: 24 Sep 2018 18:43

Tgt Ion: 83 Resp: 36945
Ion Ratio Lower Upper
83 100
55 1.2 71.8 107.6#
98 1.7 34.2 51.4#

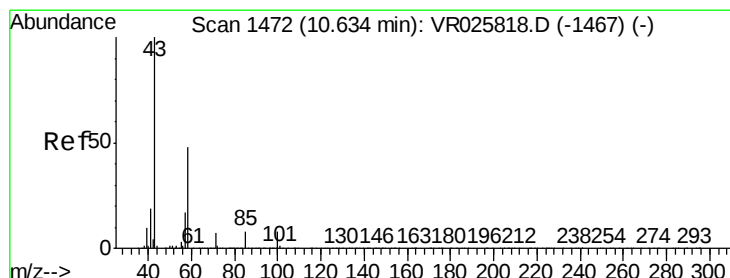
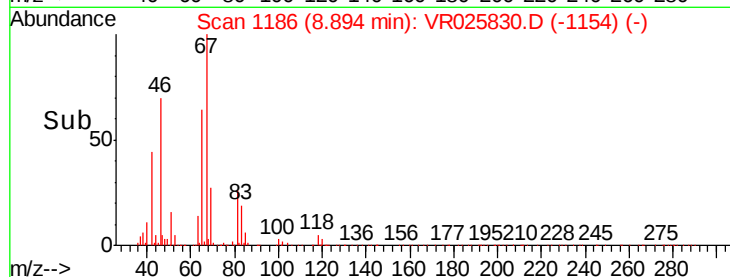
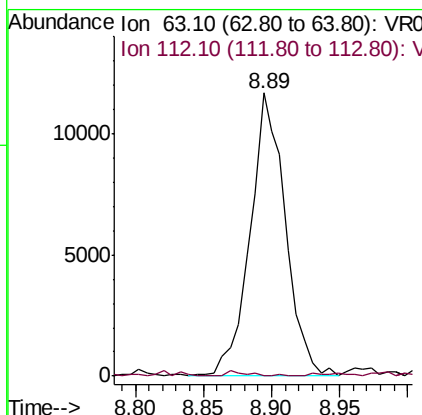
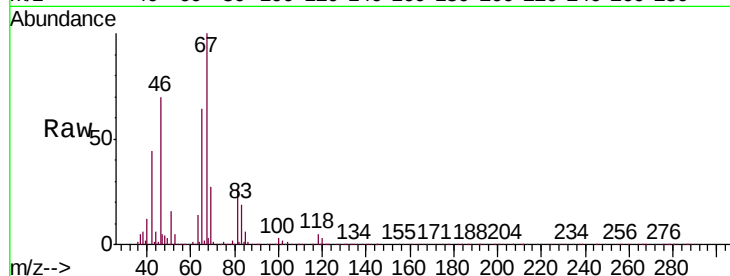




#37
 1,2-Dichloropropane
 Concen: 0.465 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR025830.D
 Acq: 24 Sep 2018 18:43

Instrument :
 MSVOA_R
 ClientSampleId :
 ET0R8DL

Tgt Ion: 63 Resp: 21191
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.5 3.7#



#48
 2-Hexanone
 Concen: 2.290 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025830.D
 Acq: 24 Sep 2018 18:43

Tgt Ion: 43 Resp: 23909
 Ion Ratio Lower Upper
 43 100
 58 22.8 39.5 59.3#
 57 20.2 14.6 21.8
 100 0.9 6.7 10.1#

