

Data File : VR025787.D
Acq On : 20 Sep 2018 23:12
Operator : SY/MD
Sample : J4991-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T23

Quant Time: Sep 21 07:44:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	537892	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	427043	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	148521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	107157	4.66	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	2.63	69	94149	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	3.61	63	163980	2.58	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	6.59	46	258142	62.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.18%
24) Chloroform-d	7.20	84	291711	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	7.90	65	136517	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	7.85	84	507049	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	8.90	67	163221	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	410726	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	10.24	79	44185	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	10.59	63	196208	53.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71418	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	93062	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

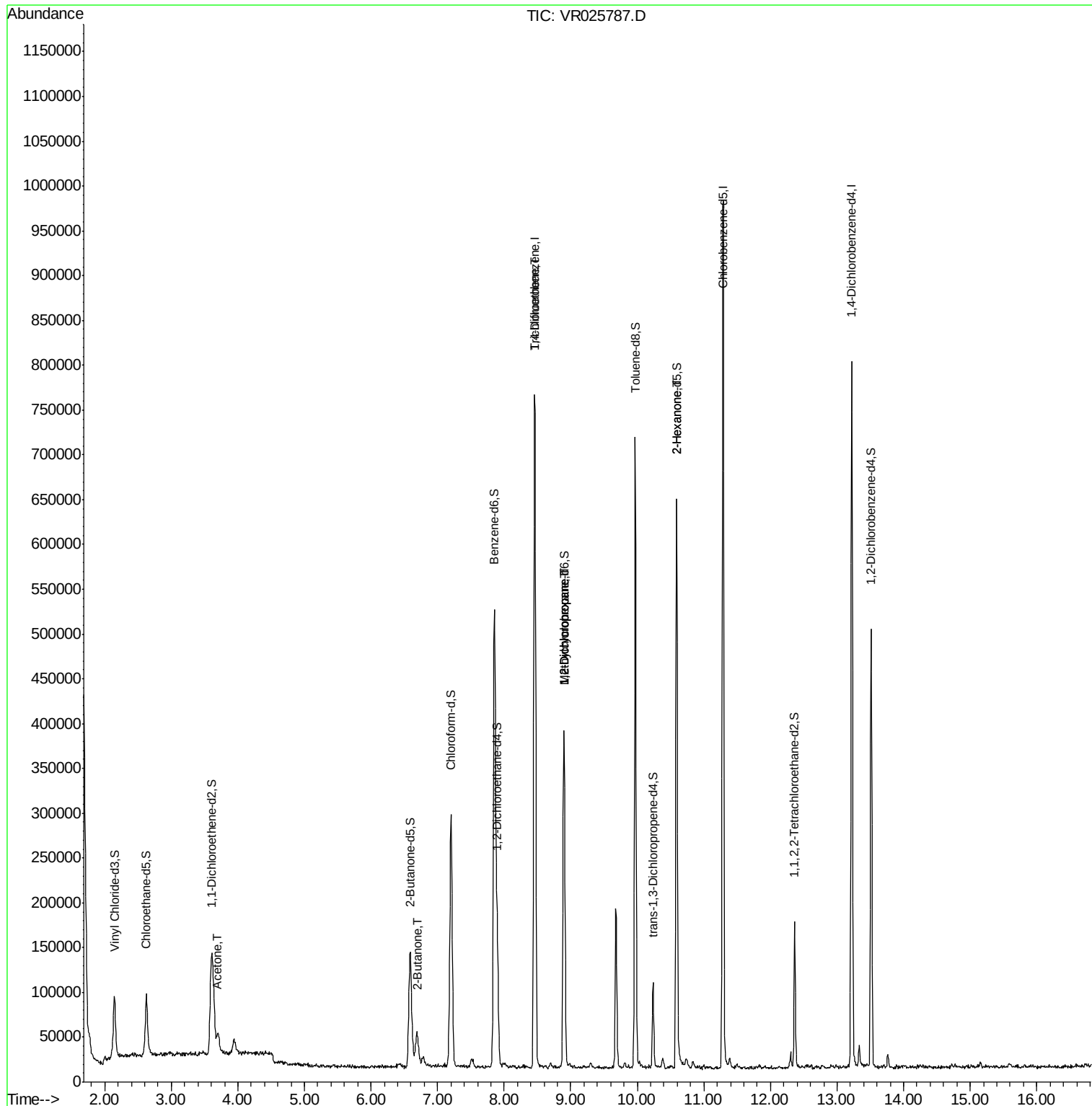
						Qvalue
13) Acetone	3.70	43	46403	21.180	ug/L	84
21) 2-Butanone	6.70	43	8761	1.477	ug/L #	72
34) Trichloroethene	8.46	95	18600	0.312	ug/L #	11
35) Methylcyclohexane	8.89	83	38078	0.389	ug/L #	16
37) 1,2-Dichloropropane	8.90	63	21369	0.455	ug/L #	90
48) 2-Hexanone	10.59	43	28700	2.597	ug/L #	71

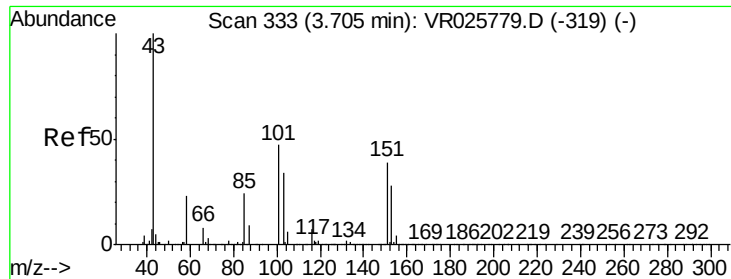
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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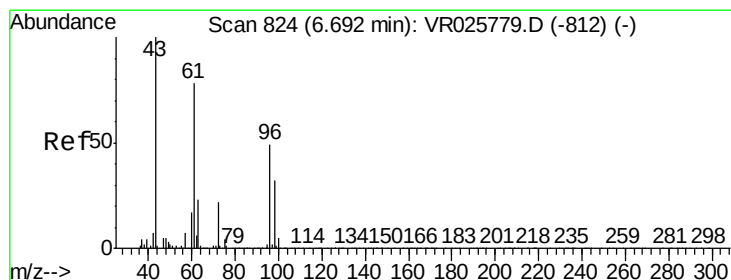
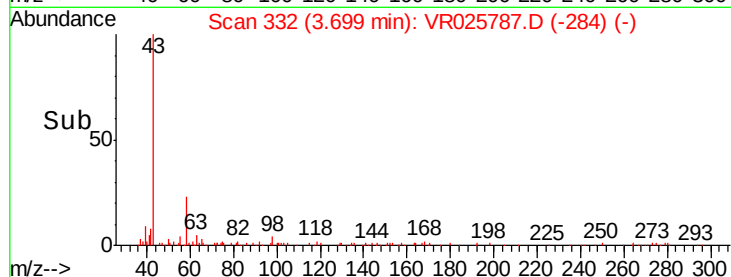
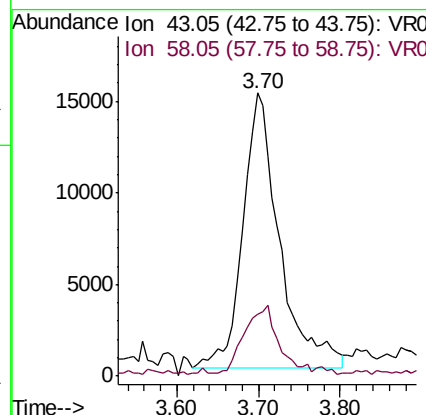
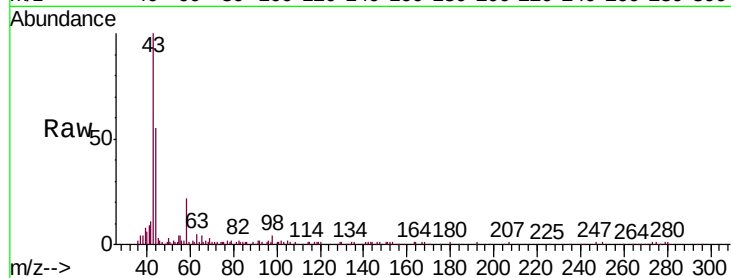




#13
Acetone
Concen: 21.180 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.01 min
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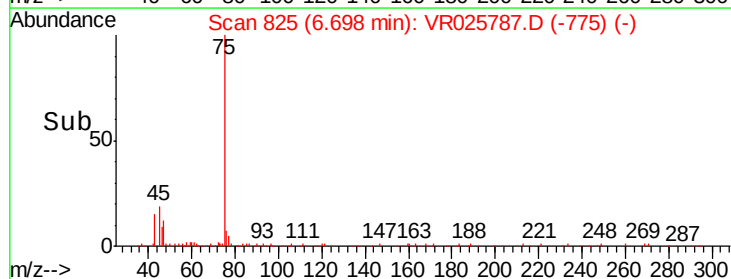
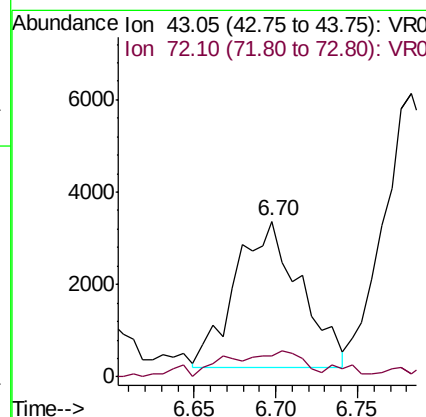
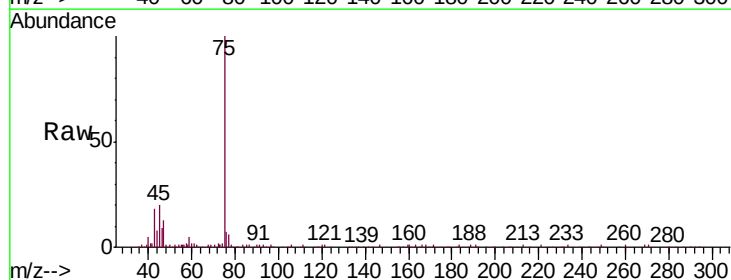
Instrument :
MSVOA_R
ClientSampleId :
C0T23

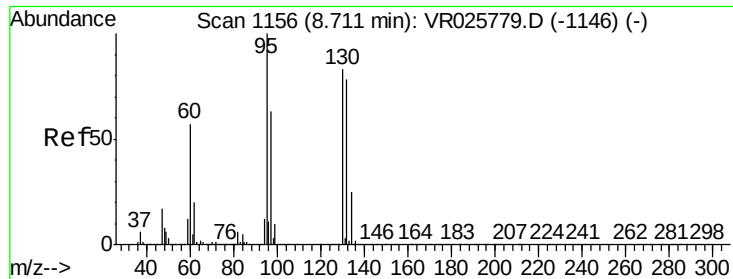
Tgt Ion: 43 Resp: 46403
Ion Ratio Lower Upper
43 100
58 22.6 0.0 63.0



#21
2-Butanone
Concen: 1.477 ug/L
RT: 6.70 min Scan# 825
Delta R.T. 0.01 min
Lab File: VR025787.D
Acq: 20 Sep 2018 23:12

Tgt Ion: 43 Resp: 8761
Ion Ratio Lower Upper
43 100
72 10.6 12.4 37.0#





#34

Trichloroethene

Concen: 0.312 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

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Instrument :

MSVOA_R

ClientSampleId :

C0T23

Tgt Ion: 95 Resp: 18600

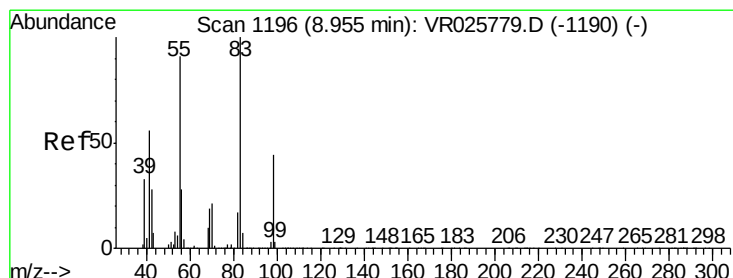
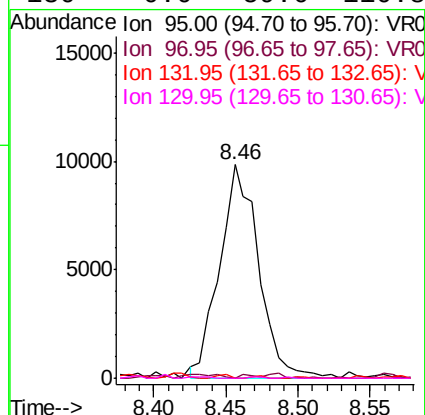
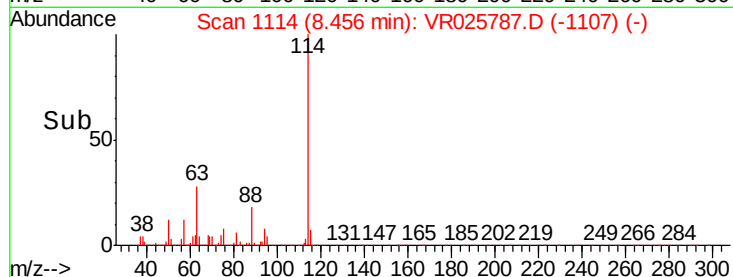
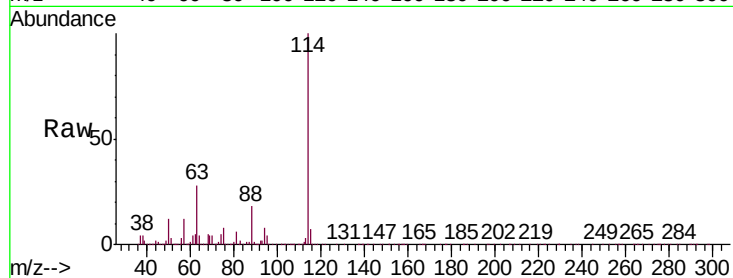
Ion Ratio Lower Upper

95 100

97 0.0 46.2 85.8#

132 0.0 56.0 104.0#

130 0.0 59.6 110.8#



#35

Methylcyclohexane

Concen: 0.389 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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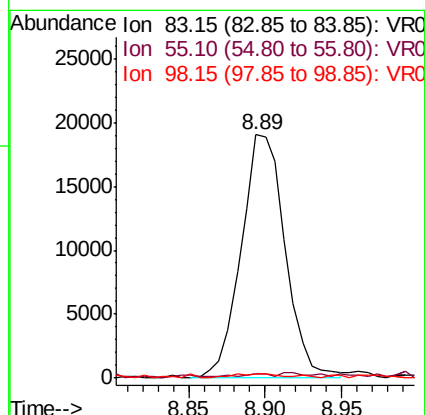
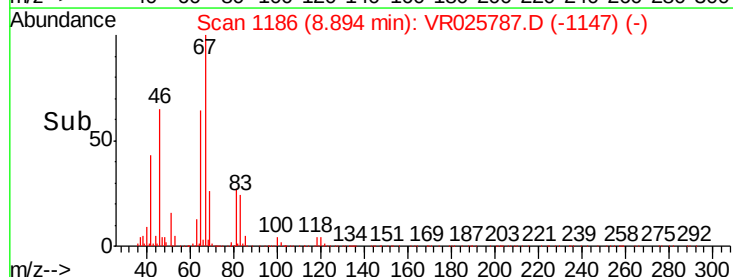
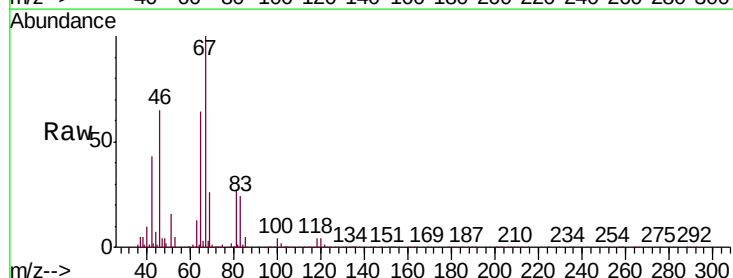
Tgt Ion: 83 Resp: 38078

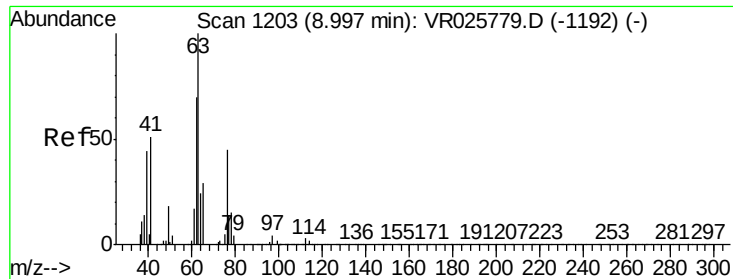
Ion Ratio Lower Upper

83 100

55 0.7 70.3 105.5#

98 2.3 34.4 51.6#

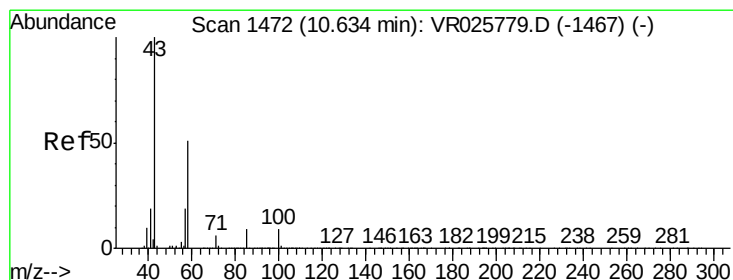
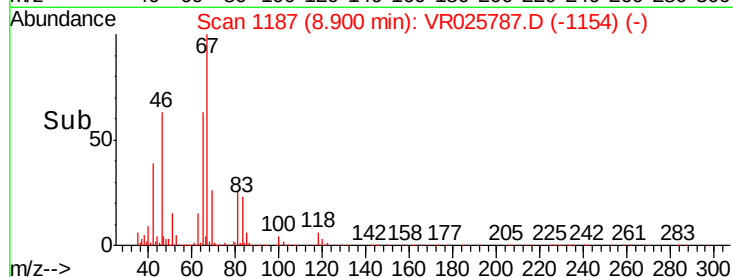
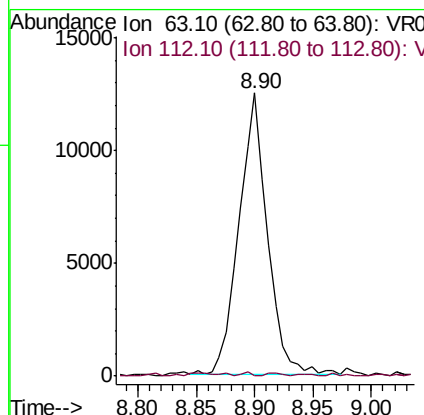
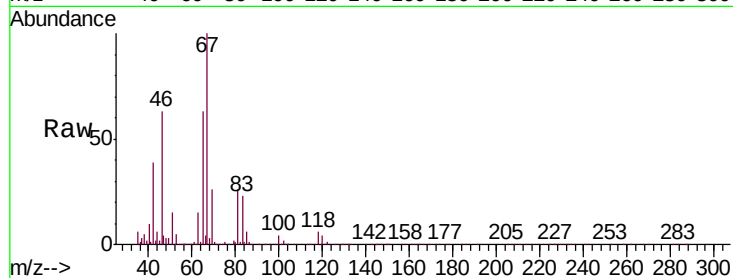




#37
 1,2-Dichloropropane
 Concen: 0.455 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025787.D
 Acq: 20 Sep 2018 23:12

Instrument :
 MSVOA_R
 ClientSampleId :
 C0T23

Tgt Ion: 63 Resp: 21369
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.0 4.6#



#48
 2-Hexanone
 Concen: 2.597 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025787.D
 Acq: 20 Sep 2018 23:12

Tgt Ion: 43 Resp: 28700
 Ion Ratio Lower Upper
 43 100
 58 22.3 39.9 59.9#
 57 18.5 14.3 21.5
 100 0.6 7.0 10.6#

