

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100818\
 Data File : VR025997.D
 Acq On : 8 Oct 2018 23:20
 Operator : SY/MD
 Sample : J5279-09
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 09 06:51:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 09 06:51:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	403859	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	342708	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	113764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	168963	5.30	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	2.63	69	151363	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	3.60	63	308212	4.12	ug/L	-0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	6.59	46	185980	52.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	7.20	84	266842	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.89	65	122051	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	7.85	84	521782	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	8.90	67	147457	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	9.97	98	488389	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	10.24	79	32363	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	10.59	63	141829	53.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59662	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	94159	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

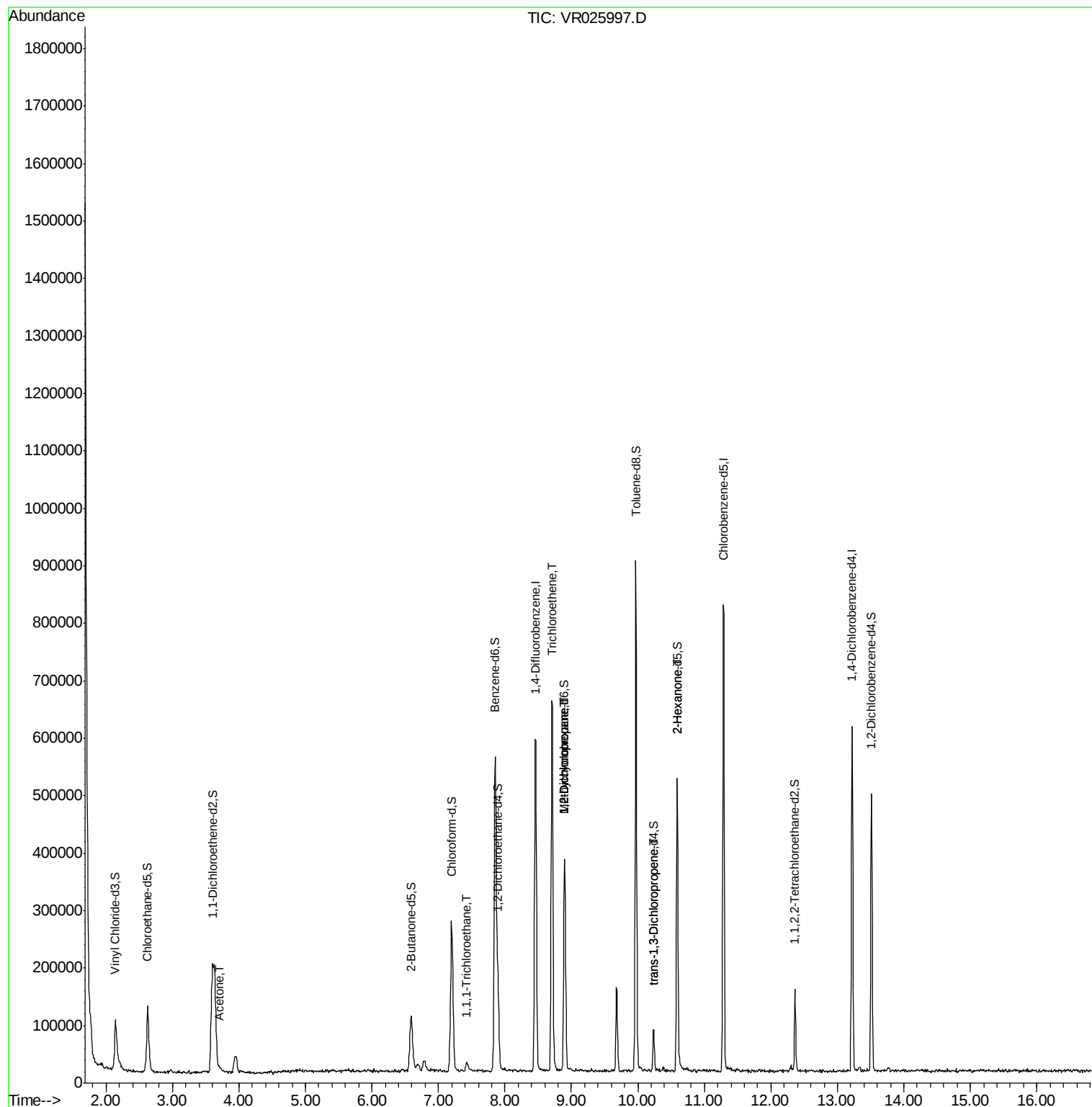
					Ovalue
13) Acetone	3.70	43	4949	1.923 ug/L	79
29) 1,1,1-Trichloroethane	7.43	97	11665	0.303 ug/L	90
34) Trichloroethene	8.71	95	215136	7.103 ug/L	94
35) Methylcyclohexane	8.89	83	38400	0.843 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	19891	0.807 ug/L #	94
44) trans-1,3-Dichloropropene	10.24	75	2229	0.123 ug/L	94
48) 2-Hexanone	10.59	43	22944	4.041 ug/L #	72

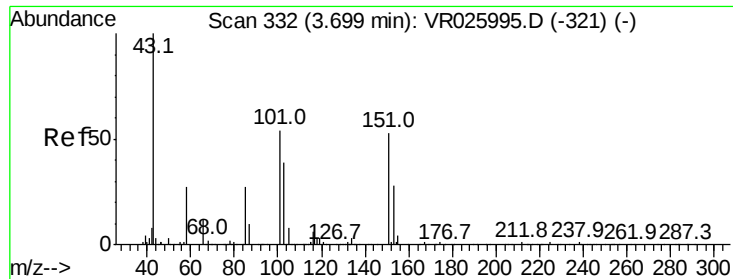
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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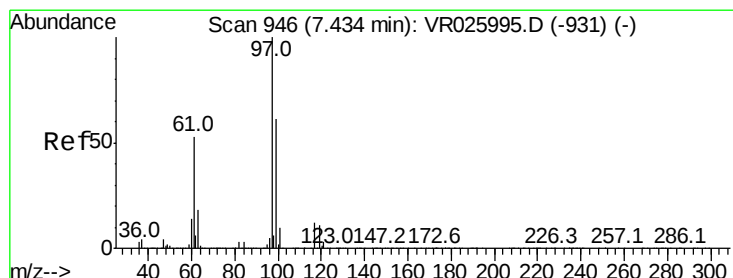
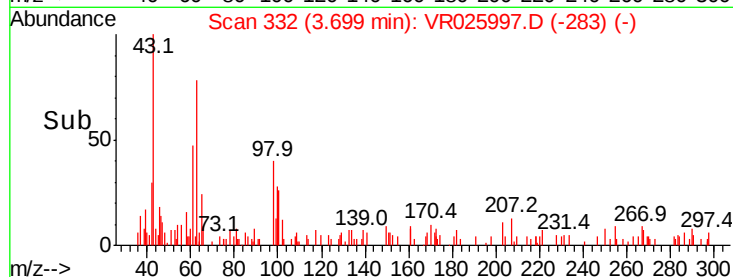
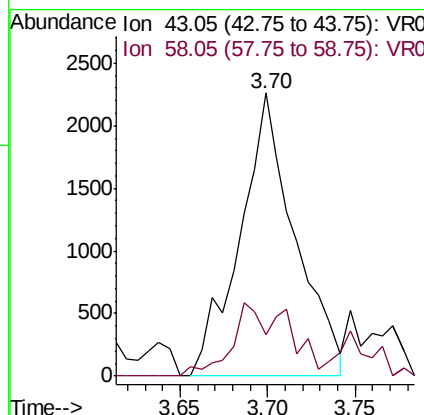
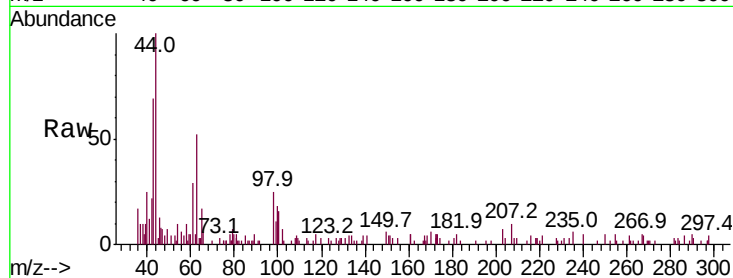




#13
Acetone
Concen: 1.923 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.00 min
Lab File: VR025997.D
Acq: 8 Oct 2018 23:20

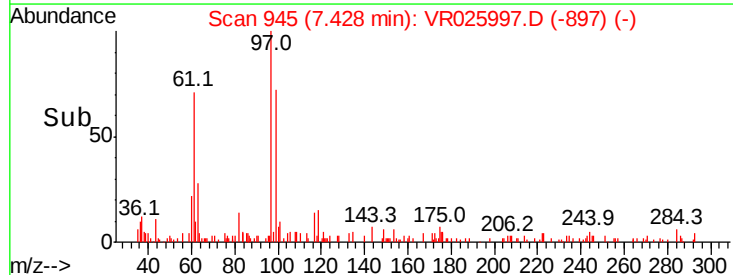
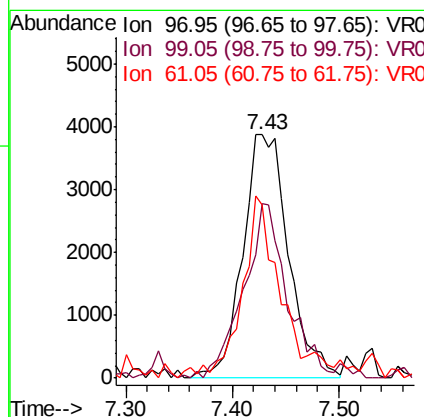
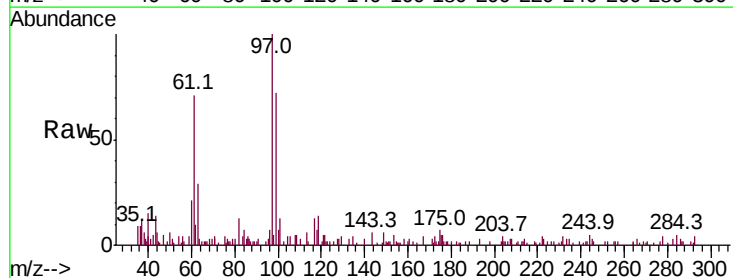
Instrument :
MSVOA_R
ClientSampled :

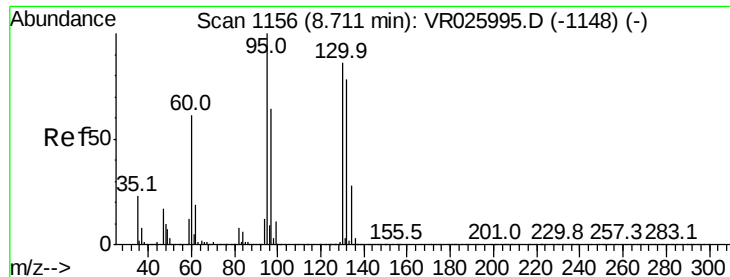
Tot Ion: 43 Resp: 4949
Ion Ratio Lower Upper
43 100
58 15.1 0.0 51.4



#29
1,1,1-Trichloroethane
Concen: 0.303 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.01 min
Lab File: VR025997.D
Acq: 8 Oct 2018 23:20

Tgt Ion: 97 Resp: 11665
Ion Ratio Lower Upper
97 100
99 68.5 51.0 76.6
61 62.3 41.6 62.4





#34

Trichloroethene

Concen: 7.103 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR025997.D

Acq: 8 Oct 2018 23:20

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 95 Resp: 215136

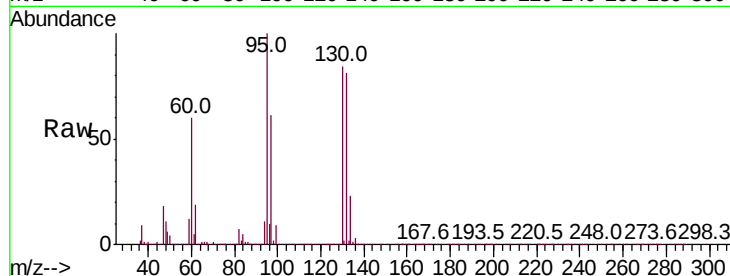
Ion Ratio Lower Upper

95 100

97 60.6 43.9 81.5

132 81.3 53.3 98.9

130 84.2 53.8 99.8

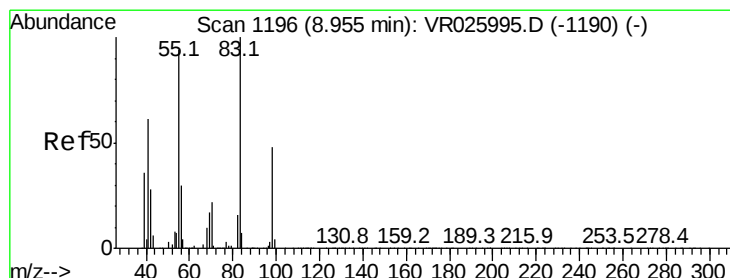
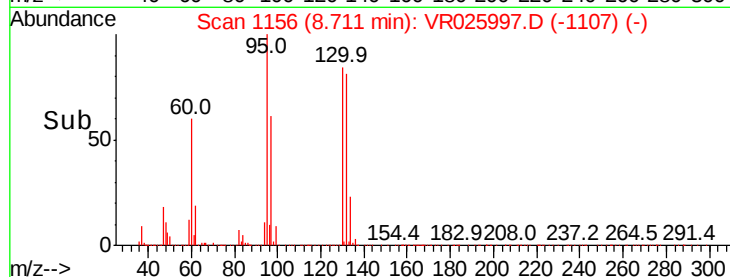
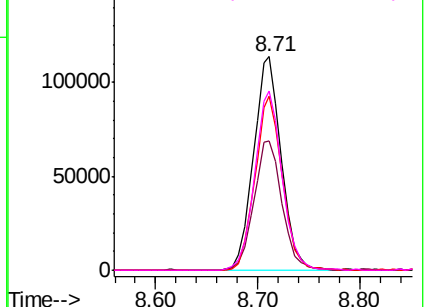


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.843 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR025997.D

Acq: 8 Oct 2018 23:20

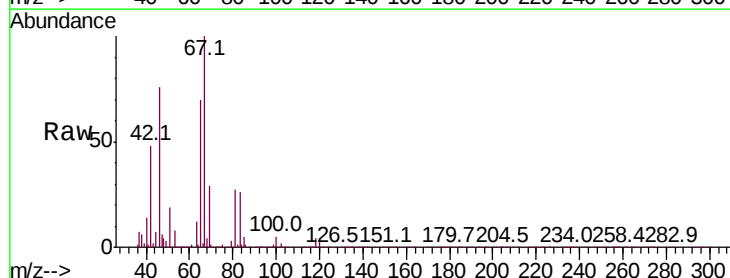
Tgt Ion: 83 Resp: 38400

Ion Ratio Lower Upper

83 100

55 0.4 71.8 107.6#

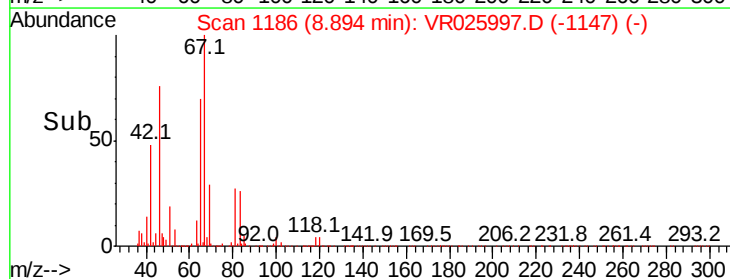
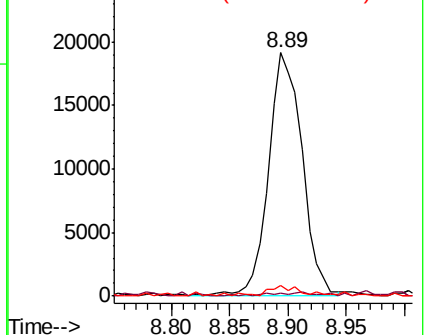
98 3.0 34.2 51.4#

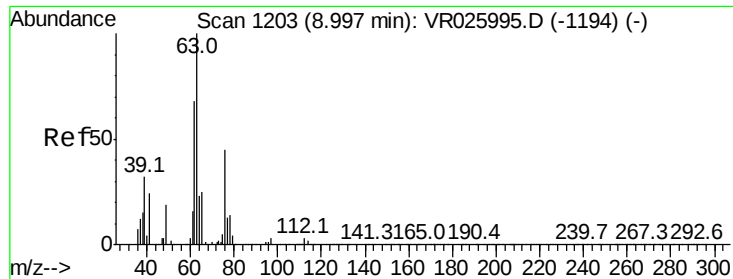


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.807 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

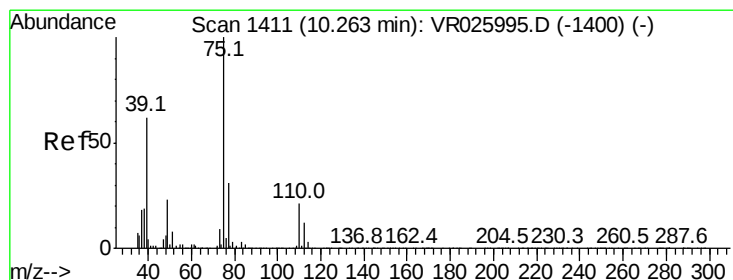
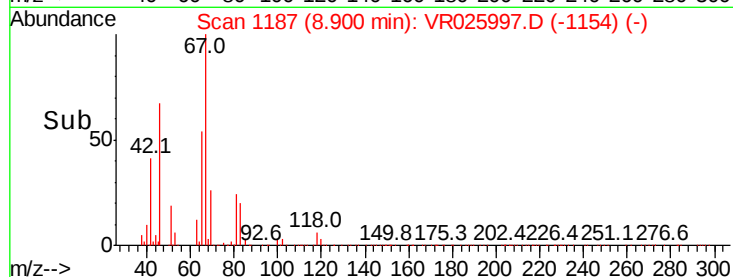
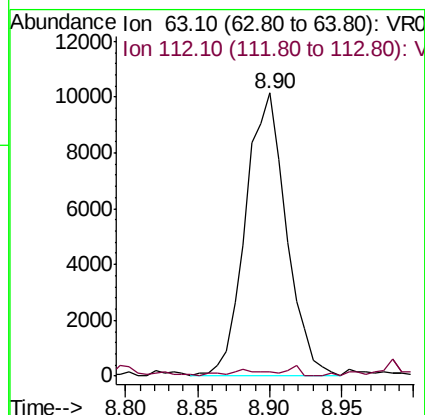
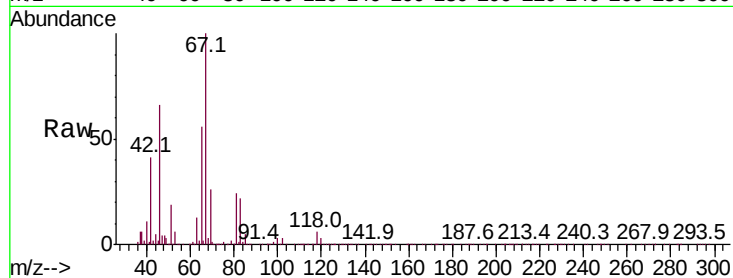
Lab File: VR025997.D

Acq: 8 Oct 2018 23:20

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 19891

Ion	Ratio	Lower	Upper
63	100		
112	1.1	2.5	3.7#



#44

trans-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 10.24 min Scan# 1407

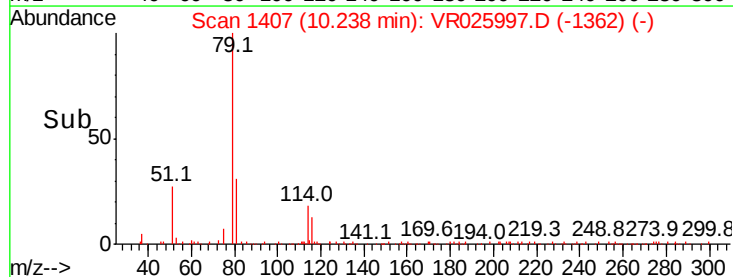
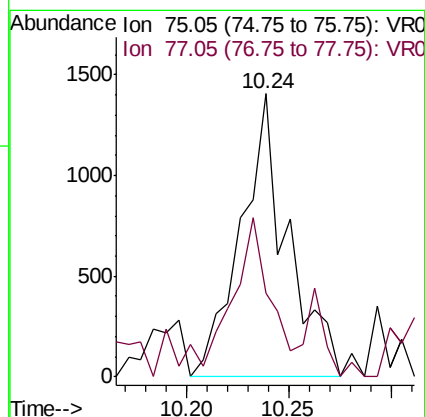
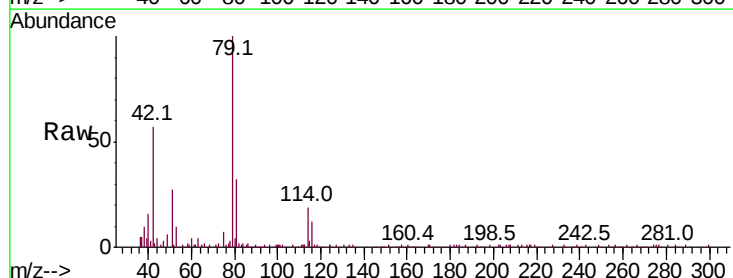
Delta R.T. -0.02 min

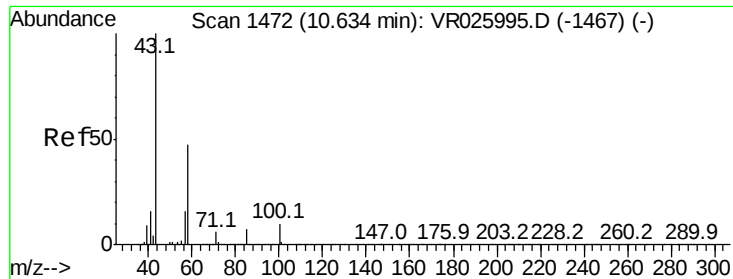
Lab File: VR025997.D

Acq: 8 Oct 2018 23:20

Tgt Ion: 75 Resp: 2229

Ion	Ratio	Lower	Upper
75	100		
77	29.5	23.0	42.8





#48

2-Hexanone

Concen: 4.041 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025997.D

Acq: 8 Oct 2018 23:20

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 22944

Ion Ratio Lower Upper

43 100

58 25.9 39.5 59.3#

57 25.6 14.6 21.8#

100 3.6 6.7 10.1#

