

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092818\
 Data File : VR025905.D
 Acq On : 28 Sep 2018 17:31
 Operator : SY/MD
 Sample : J5156-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 29 05:16:32 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	514464	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	416229	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	144503	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	167299	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	2.63	69	147854	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	3.63	63	315707	3.31	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	6.59	46	202945	44.87	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.74%
24) Chloroform-d	7.20	84	283140	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	7.90	65	121577	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	7.85	84	586588	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	8.90	67	158450	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	9.97	98	533110	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	10.24	79	32319	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	10.59	63	149750	46.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61358	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	96403	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

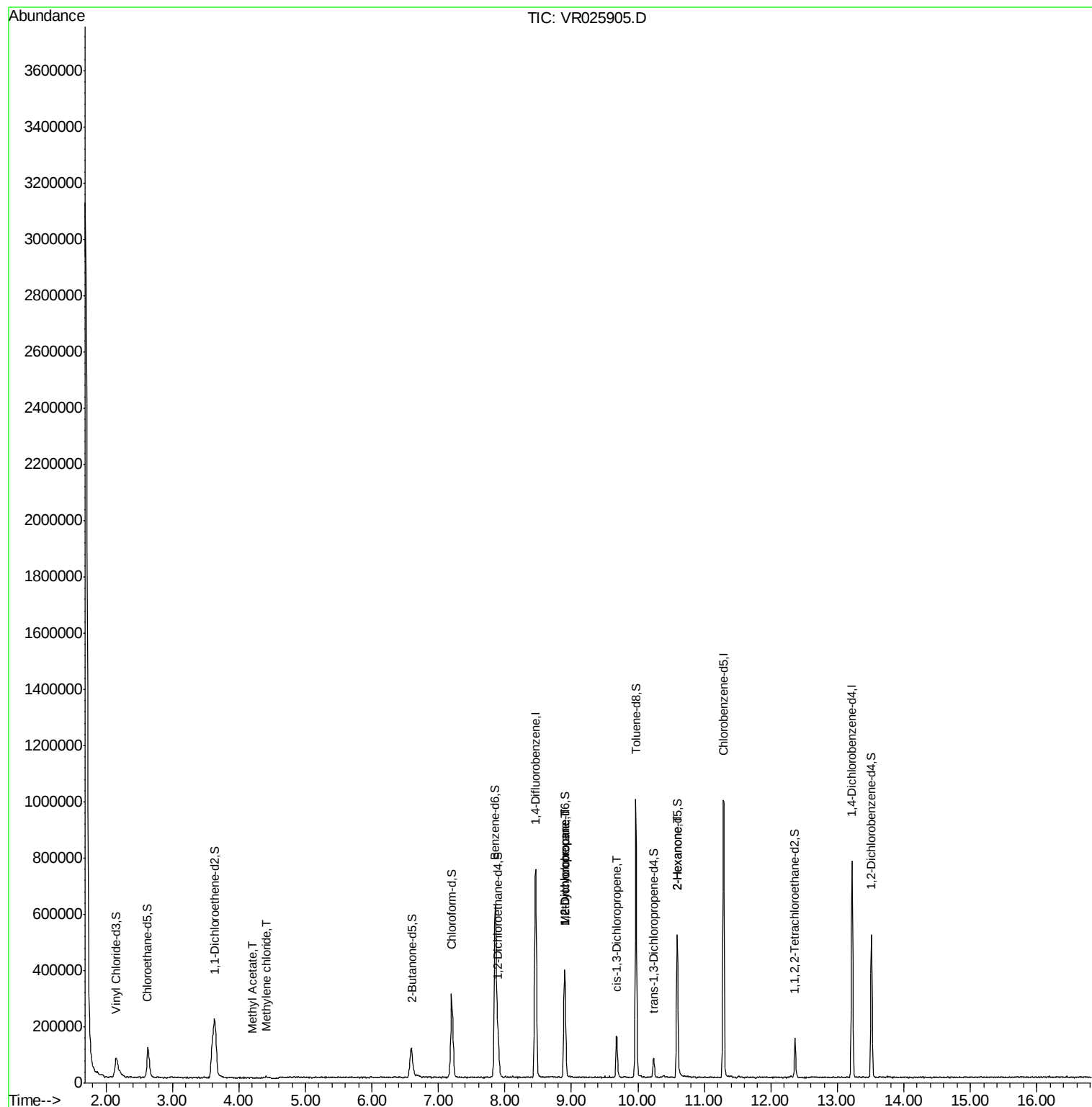
					Ovalue
15) Methyl Acetate	4.20	43	1144	0.126 ug/L #	56
16) Methylene chloride	4.41	84	3500	0.098 ug/L #	75
35) Methylcyclohexane	8.90	83	34883	0.631 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	20220	0.675 ug/L #	96
39) cis-1,3-Dichloropropene	9.68	75	4740	0.141 ug/L	89
48) 2-Hexanone	10.59	43	21367	3.099 ug/L #	72

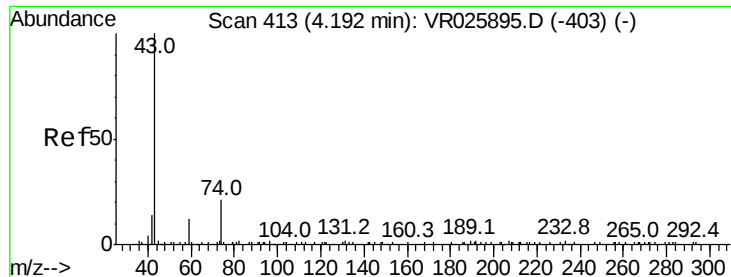
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.126 ug/L

RT: 4.20 min Scan# 414

Delta R.T. 0.01 min

Lab File: VR025905.D

Acq: 28 Sep 2018 17:31

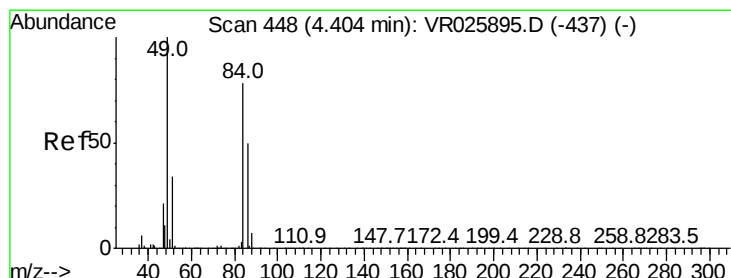
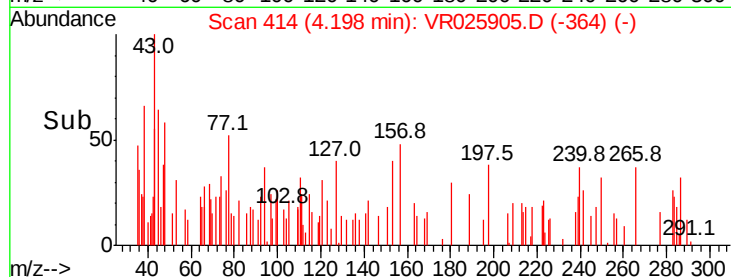
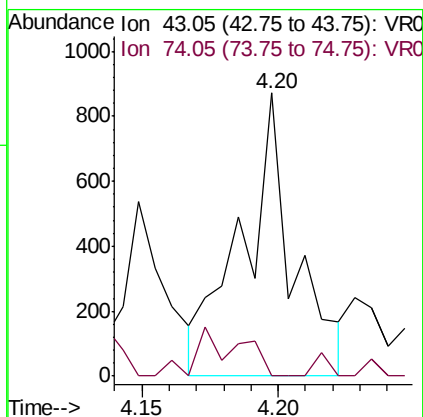
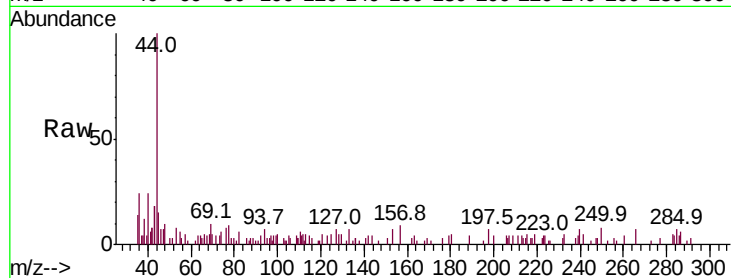
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 1144

Ion Ratio Lower Upper

43 100

74 2.3 19.0 28.4#



#16

Methylene chloride

Concen: 0.098 ug/L

RT: 4.41 min Scan# 449

Delta R.T. 0.01 min

Lab File: VR025905.D

Acq: 28 Sep 2018 17:31

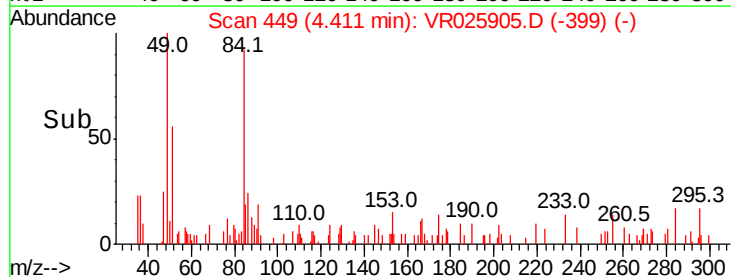
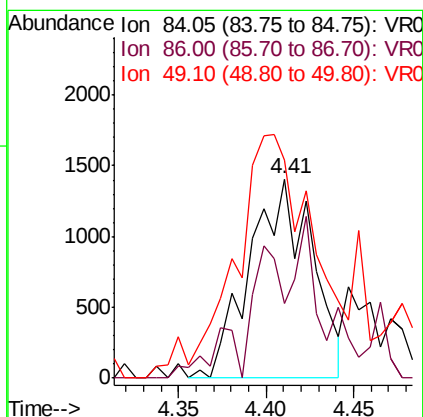
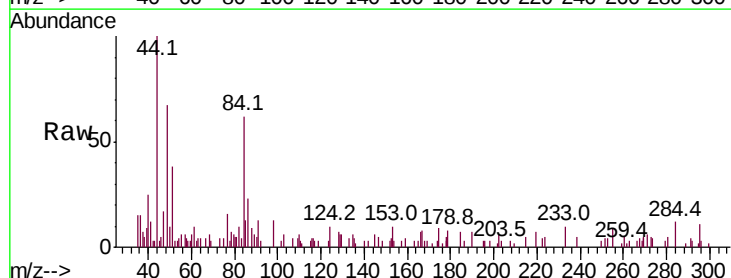
Tgt Ion: 84 Resp: 3500

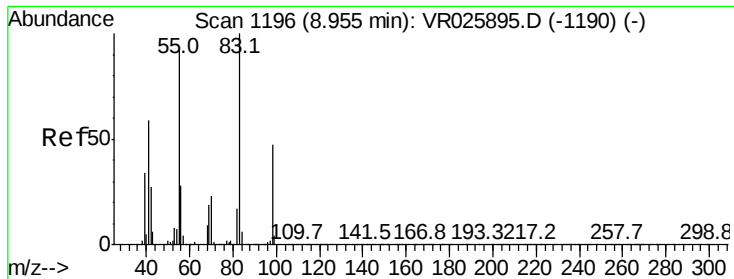
Ion Ratio Lower Upper

84 100

86 37.3 43.1 80.1#

49 109.2 95.5 177.3

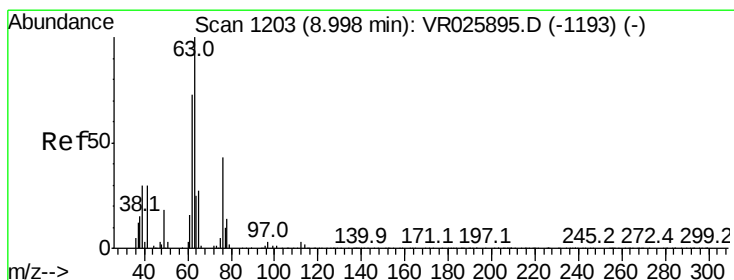
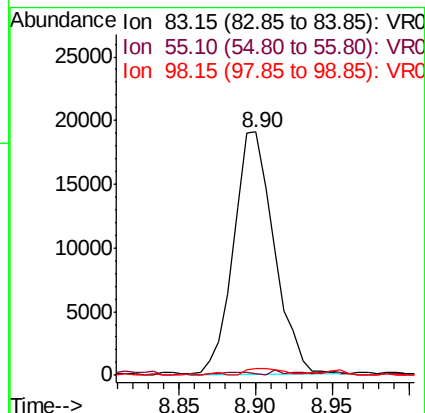
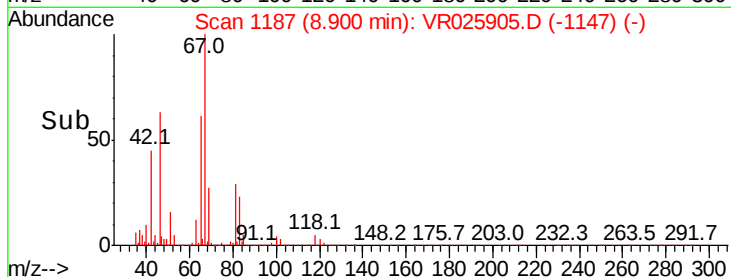
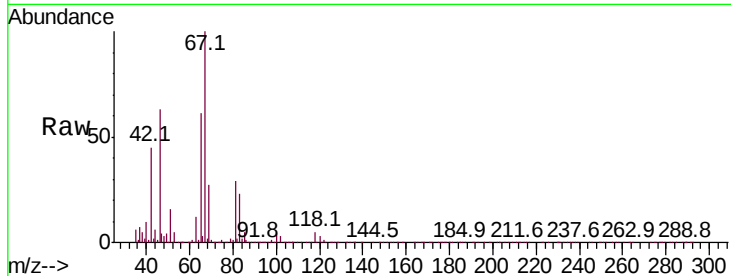




#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025905.D
Acq: 28 Sep 2018 17:31

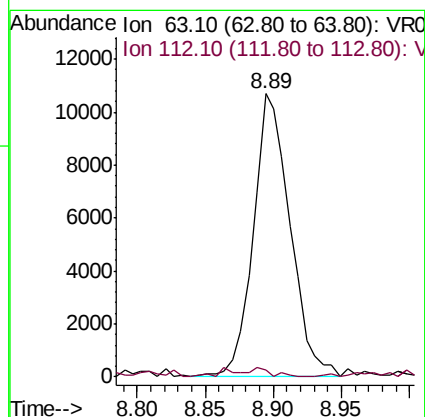
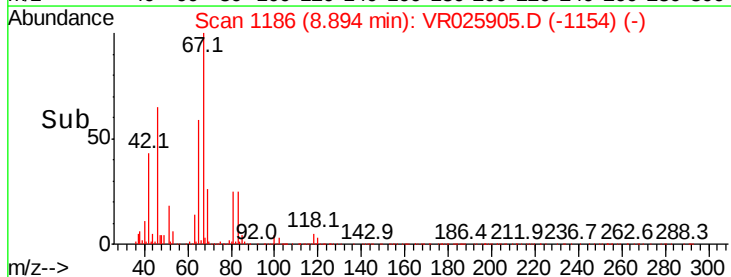
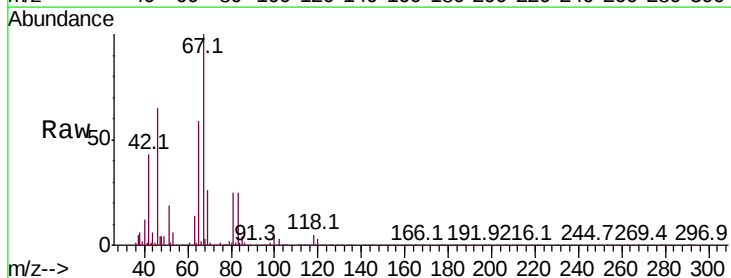
Instrument :
MSVOA_R
ClientSampled :

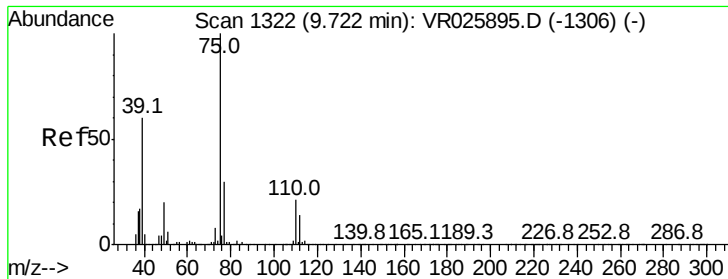
Tot Ion: 83 Resp: 34883
Ion Ratio Lower Upper
83 100
55 1.0 71.8 107.6#
98 2.6 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025905.D
Acq: 28 Sep 2018 17:31

Tgt Ion: 63 Resp: 20220
Ion Ratio Lower Upper
63 100
112 1.6 2.5 3.7#



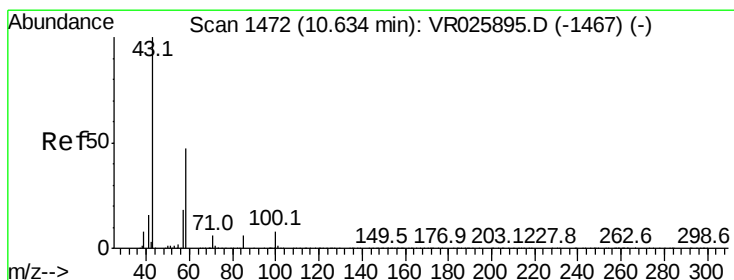
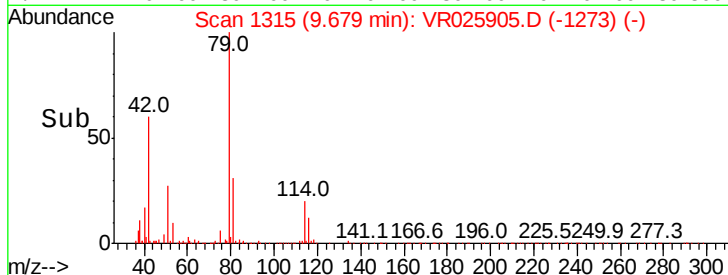
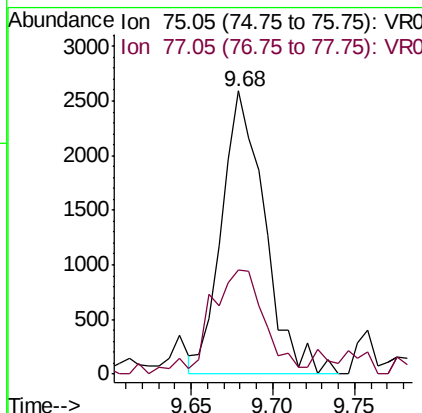
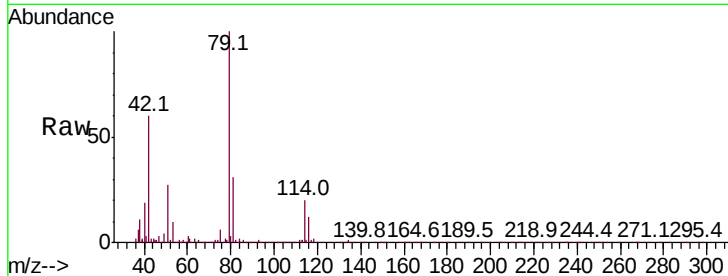


#39

cis-1,3-Dichloropropene
 Concen: 0.141 ug/L
 RT: 9.68 min Scan# 1315
 Delta R.T. -0.04 min
 Lab File: VR025905.D
 Acq: 28 Sep 2018 17:31

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 4740
 Ion Ratio Lower Upper
 75 100
 77 36.6 21.5 39.9



#48

2-Hexanone
 Concen: 3.099 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025905.D
 Acq: 28 Sep 2018 17:31

Tgt Ion: 43 Resp: 21367
 Ion Ratio Lower Upper
 43 100
 58 25.8 39.5 59.3#
 57 24.8 14.6 21.8#
 100 2.1 6.7 10.1#

