

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026082.D
 Acq On : 15 Oct 2018 20:42
 Operator : SY/MD
 Sample : J5379-14
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 16 08:24:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 08:21:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	538721	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	457313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	150928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	256312	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	2.62	69	211974	5.23	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	3.61	63	441036	3.81	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	6.59	46	213102	55.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.10%
24) Chloroform-d	7.20	84	349675	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.90	65	152722	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	7.86	84	703606	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	8.90	67	186949	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	9.97	98	658783	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	10.24	79	42648	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.59	63	166697	58.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73455	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	119808	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

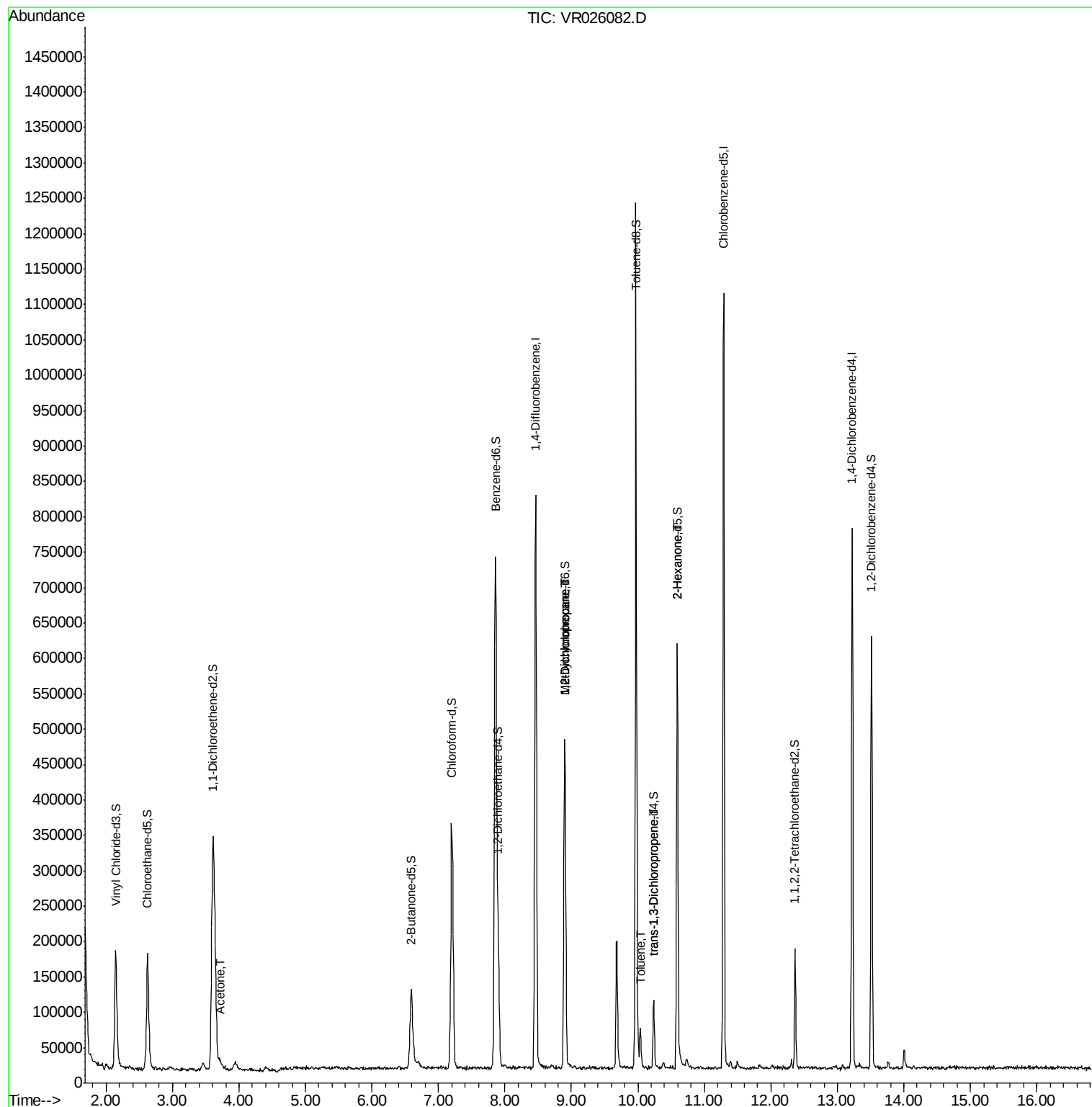
					Ovalue
13) Acetone	3.71	43	16656	4.162 ug/L	97
35) Methylcyclohexane	8.90	83	44854	0.686 ug/L #	19
37) 1,2-Dichloropropane	8.90	63	23708	0.655 ug/L #	96
42) Toluene	10.04	91	33147	0.183 ug/L	86
44) trans-1,3-Dichloropropene	10.24	75	2638	0.091 ug/L	92
48) 2-Hexanone	10.59	43	27839	3.855 ug/L #	72

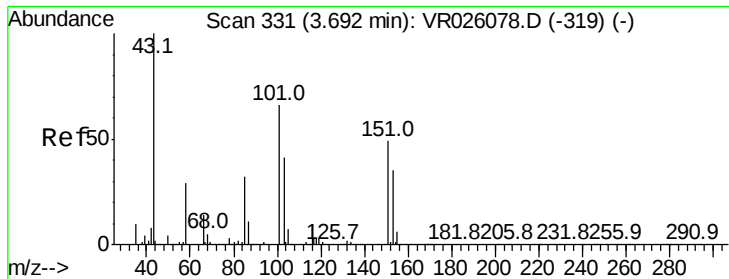
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.162 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.02 min

Lab File: VR026082.D

Acq: 15 Oct 2018 20:42

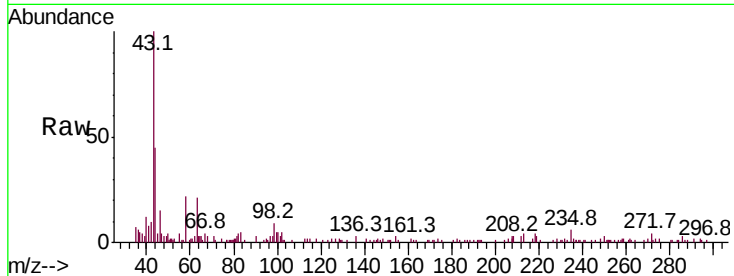
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 16656

Ion Ratio Lower Upper

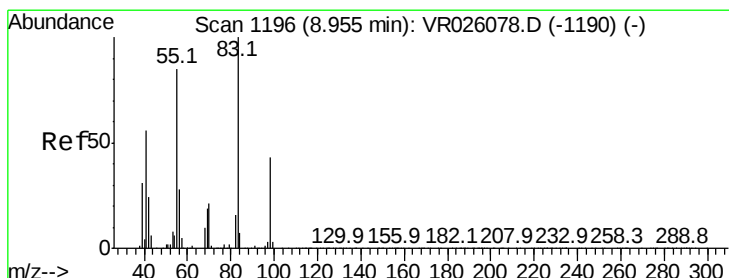
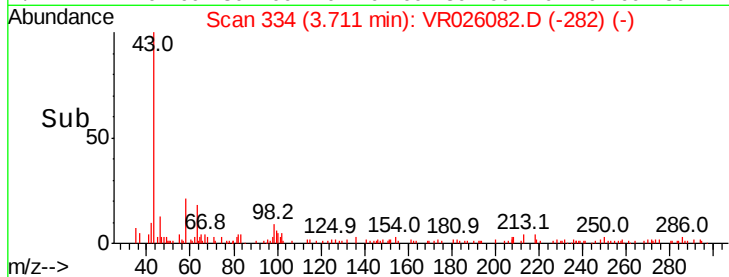
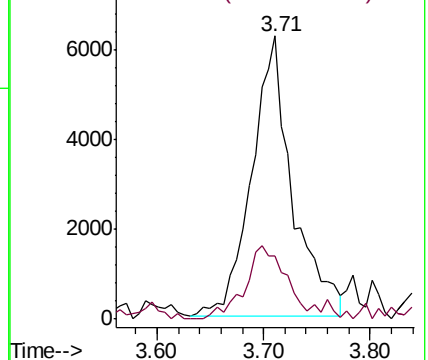
43 100

58 26.0 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026082.D

Acq: 15 Oct 2018 20:42

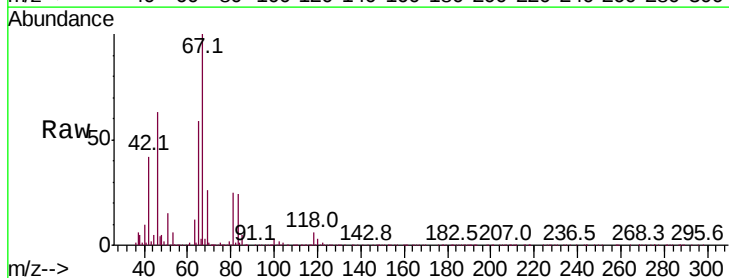
Tgt Ion: 83 Resp: 44854

Ion Ratio Lower Upper

83 100

55 1.0 66.8 100.2#

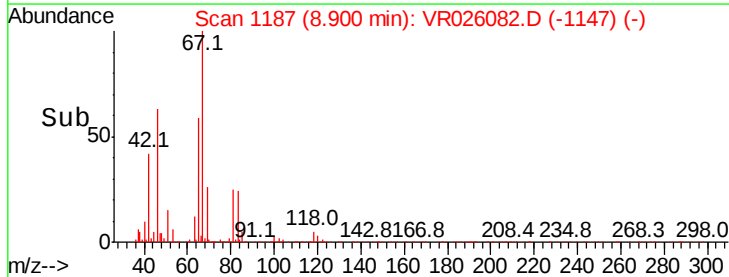
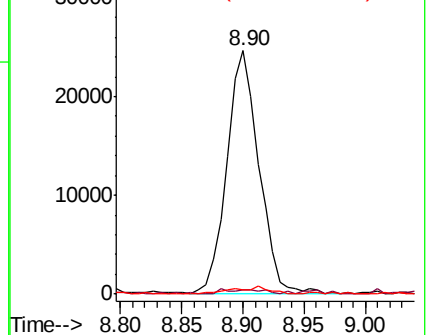
98 3.7 35.2 52.8#

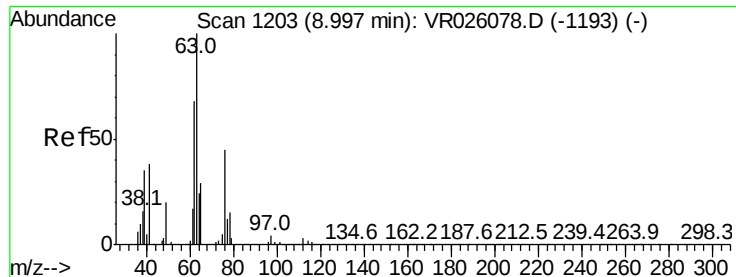


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR026082.D

Acq: 15 Oct 2018 20:42

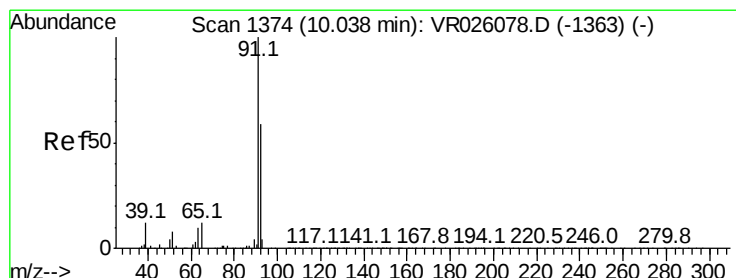
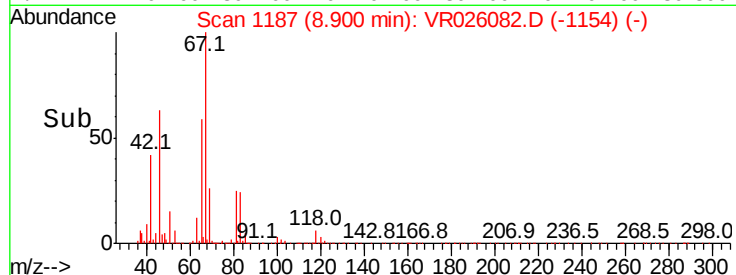
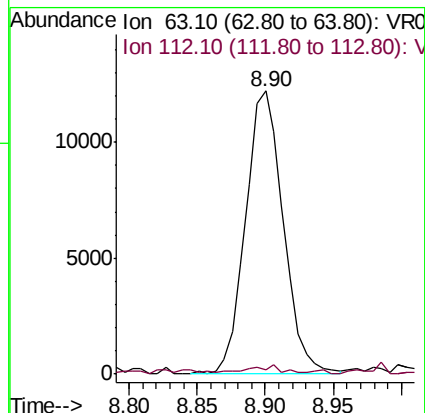
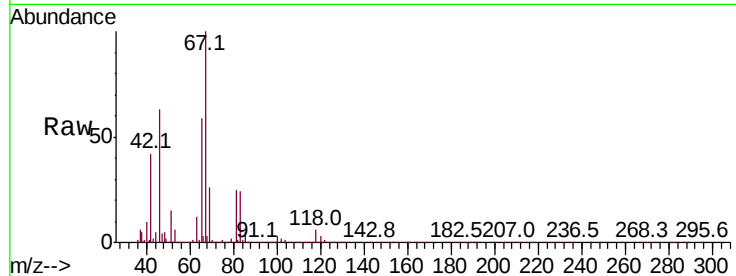
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 23708

Ion Ratio Lower Upper

63 100

112 2.2 2.7 4.1#



#42

Toluene

Concen: 0.183 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.00 min

Lab File: VR026082.D

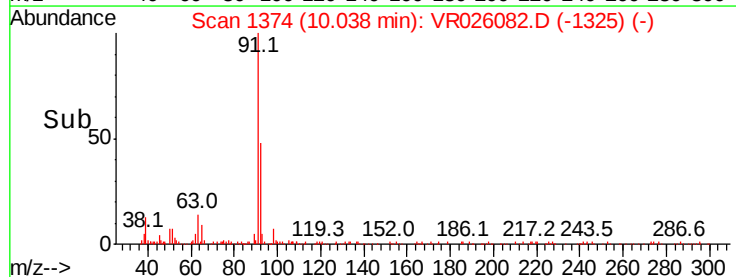
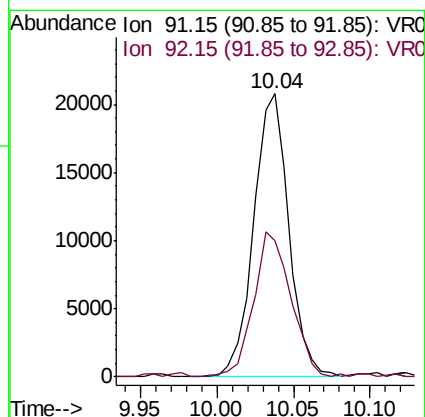
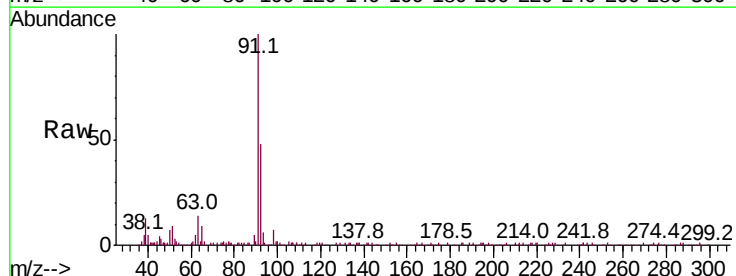
Acq: 15 Oct 2018 20:42

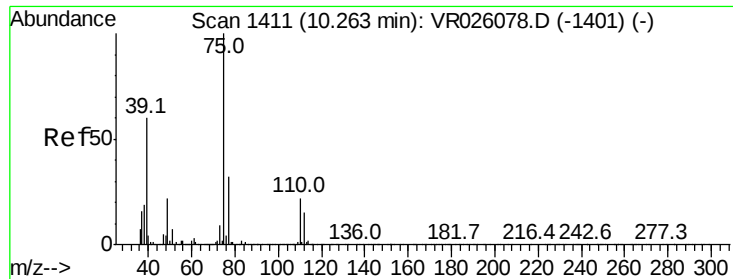
Tgt Ion: 91 Resp: 33147

Ion Ratio Lower Upper

91 100

92 48.1 40.8 75.8

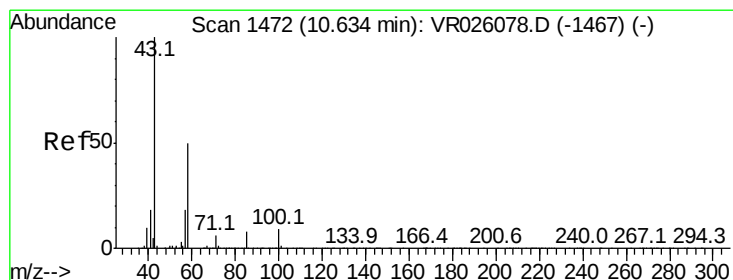
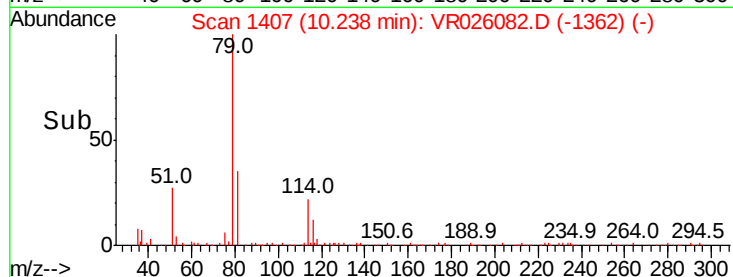
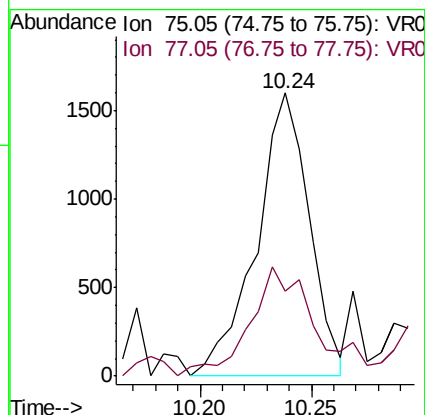
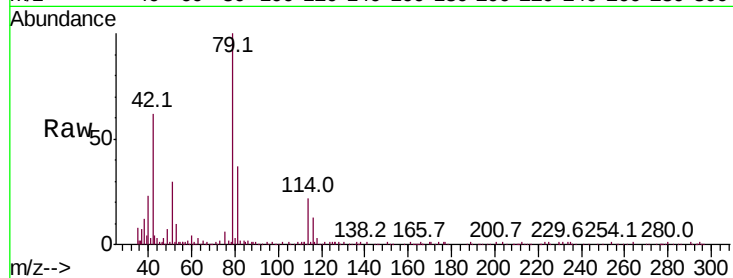




#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR026082.D
Acq: 15 Oct 2018 20:42

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 75 Resp: 2638
Ion Ratio Lower Upper
75 100
77 30.0 24.1 44.7



#48
2-Hexanone
Concen: 3.855 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026082.D
Acq: 15 Oct 2018 20:42

Tgt Ion: 43 Resp: 27839
Ion Ratio Lower Upper
43 100
58 24.9 39.6 59.4#
57 23.1 14.0 21.0#
100 2.6 7.0 10.6#

