

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092718\
 Data File : VR025887.D
 Acq On : 27 Sep 2018 22:47
 Operator : SY/MD
 Sample : J5119-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 28 05:46:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 05:44:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	504432	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	411559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	136972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	202272	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	2.63	69	156912	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	3.63	63	339276	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	6.59	46	226100	50.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.98%
24) Chloroform-d	7.20	84	314730	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	7.90	65	139880	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	7.86	84	661563	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	8.90	67	181602	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	9.97	98	606297	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	10.23	79	36851	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	10.59	63	162314	50.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68839	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	110664	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

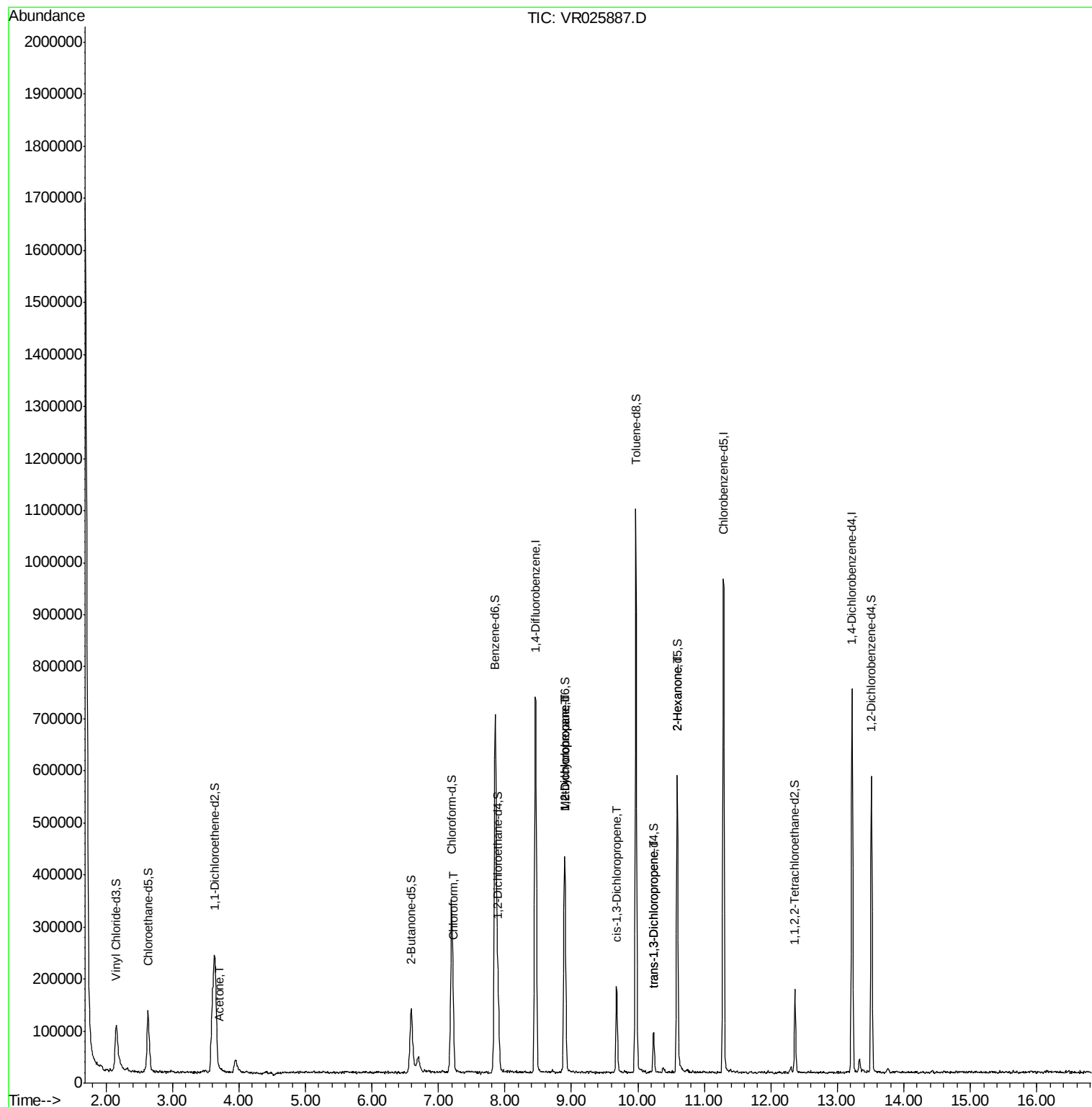
					Ovalue
13) Acetone	3.70	43	6255	1.946 ug/L	82
25) Chloroform	7.23	83	6914	0.114 ug/L	84
35) Methylcyclohexane	8.90	83	42067	0.769 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	23281	0.786 ug/L #	98
39) cis-1,3-Dichloropropene	9.67	75	5116	0.154 ug/L #	45
44) trans-1,3-Dichloropropene	10.24	75	2314	0.107 ug/L	85
48) 2-Hexanone	10.59	43	24007	3.521 ug/L #	73

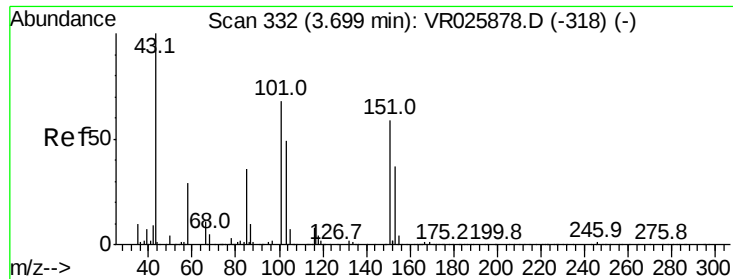
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.946 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025887.D

Acq: 27 Sep 2018 22:47

Instrument :

MSVOA_R

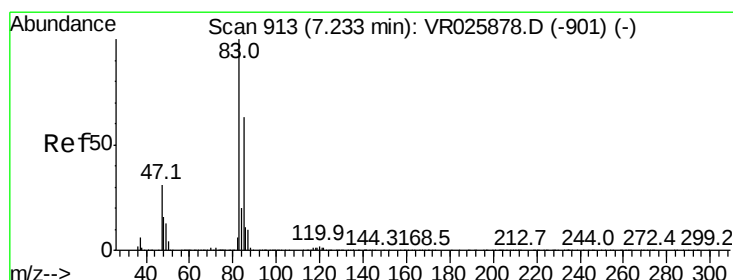
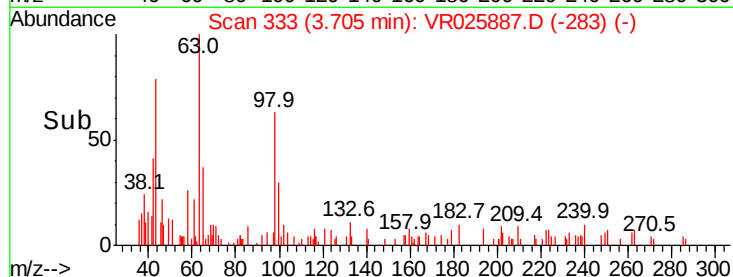
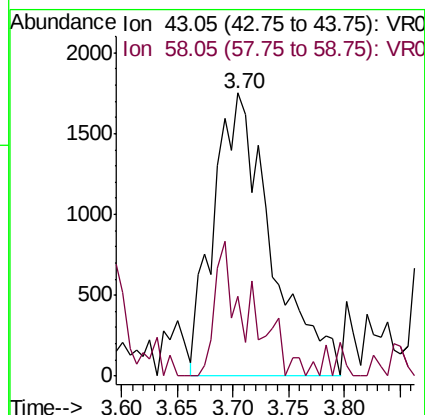
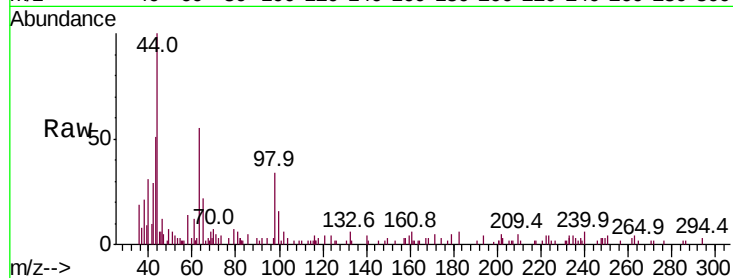
ClientSampleId :

Tot Ion: 43 Resp: 6255

Ion Ratio Lower Upper

43 100

58 16.7 0.0 51.4



#25

Chloroform

Concen: 0.114 ug/L

RT: 7.23 min Scan# 912

Delta R.T. -0.01 min

Lab File: VR025887.D

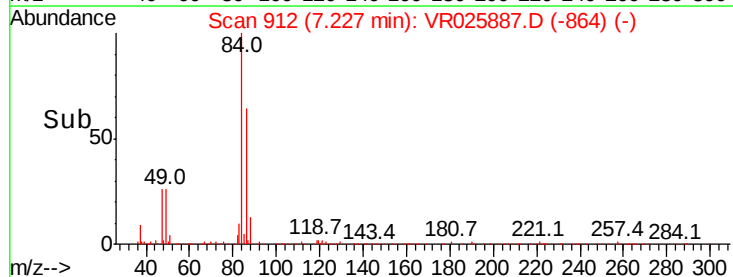
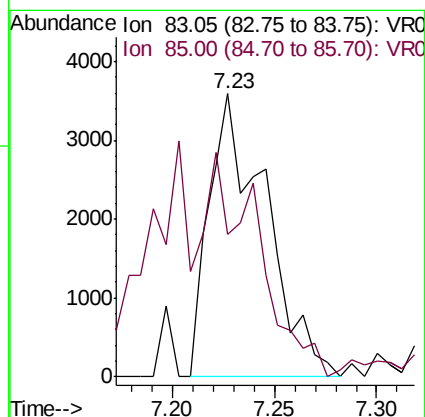
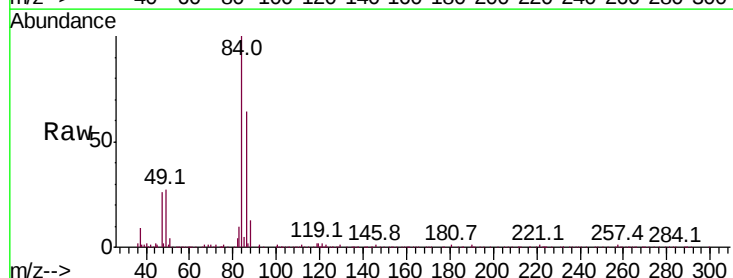
Acq: 27 Sep 2018 22:47

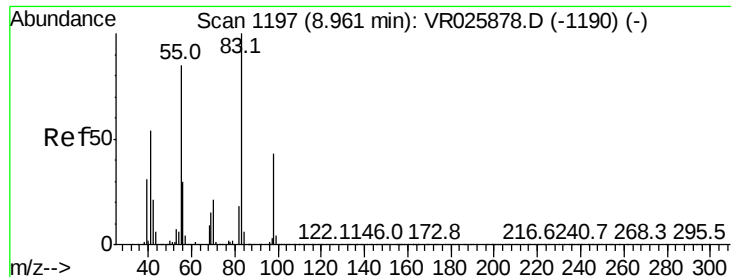
Tgt Ion: 83 Resp: 6914

Ion Ratio Lower Upper

83 100

85 50.5 43.8 81.4

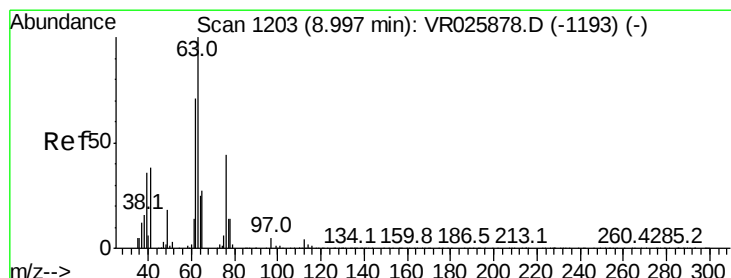
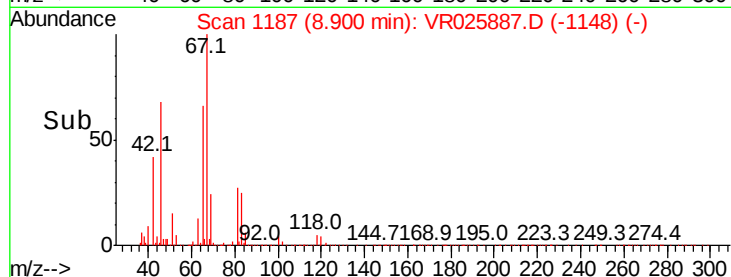
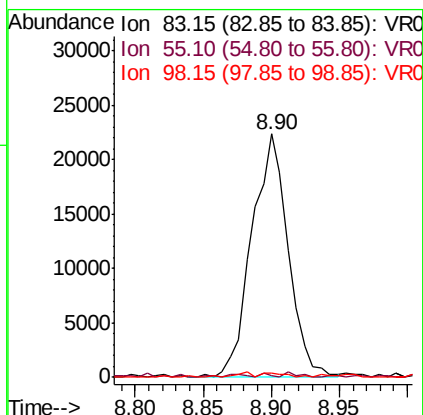
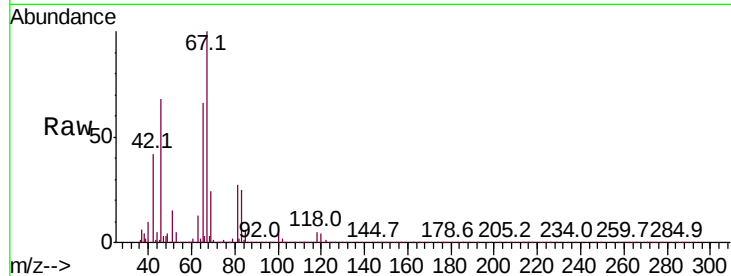




#35
Methvlcvclohexane
Concen: 0.769 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR025887.D
Acq: 27 Sep 2018 22:47

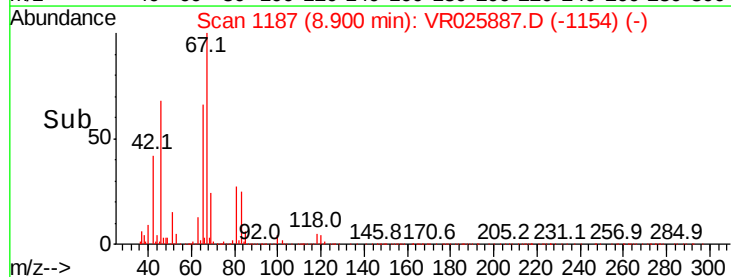
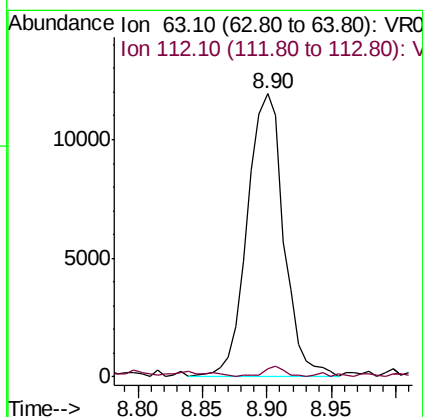
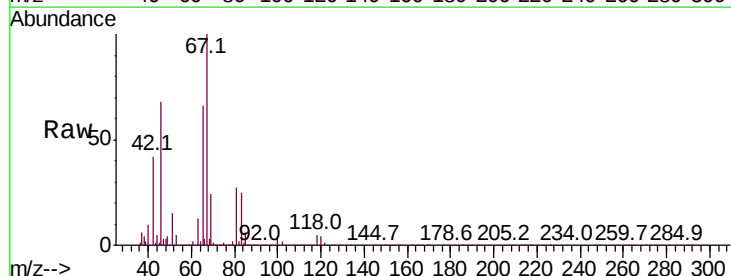
Instrument :
MSVOA_R
ClientSampleId :

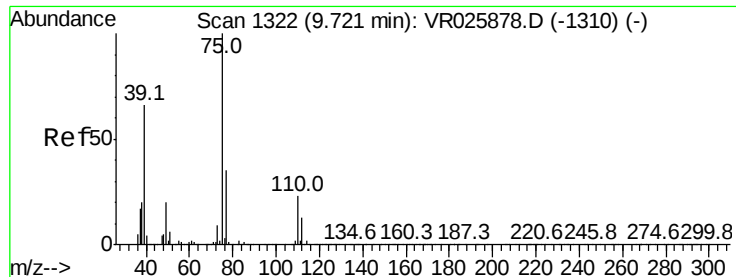
Tot Ion	83	Resp	42067
Ion Ratio	Lower	Upper	
83	100		
55	0.6	71.8	107.6#
98	1.5	34.2	51.4#



#37
1,2-Dichloropropane
Concen: 0.786 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025887.D
Acq: 27 Sep 2018 22:47

Tgt Ion	63	Resp	23281
Ion Ratio	Lower	Upper	
63	100		
112	2.3	2.5	3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.154 ug/L

RT: 9.67 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VR025887.D

Acq: 27 Sep 2018 22:47

Instrument :

MSVOA_R

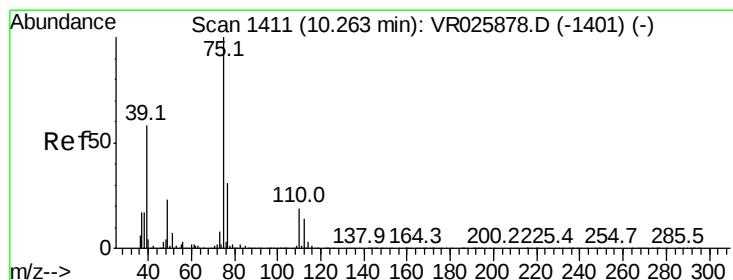
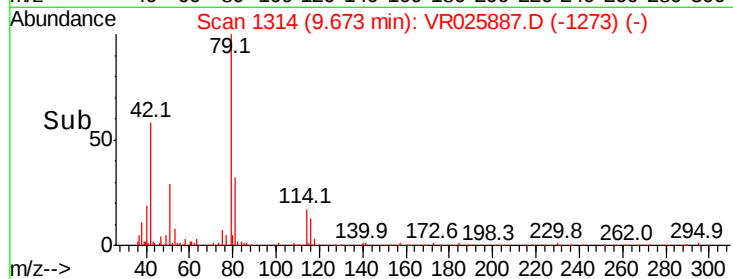
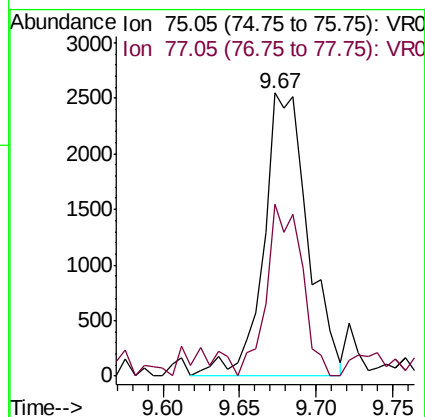
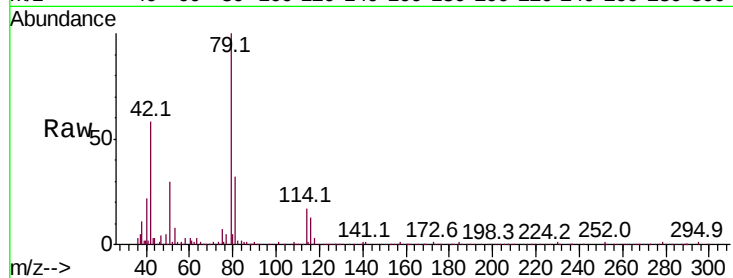
ClientSampleId :

Tot Ion: 75 Resp: 5116

Ion Ratio Lower Upper

75 100

77 60.6 21.5 39.9#



#44

trans-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025887.D

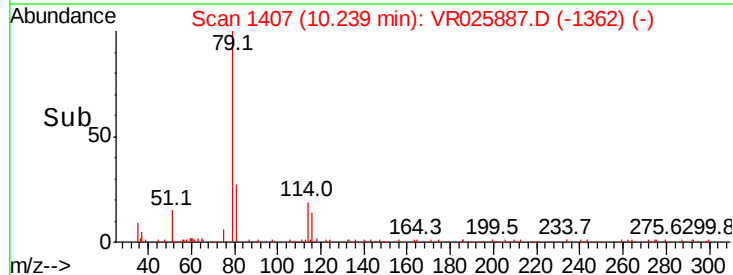
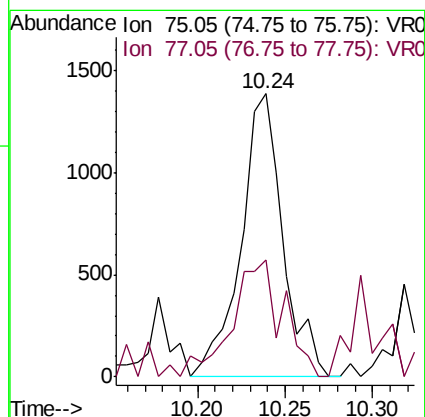
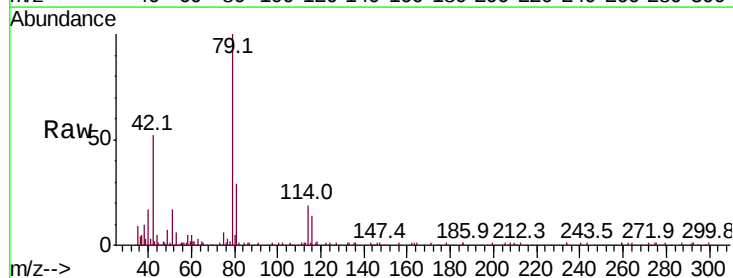
Acq: 27 Sep 2018 22:47

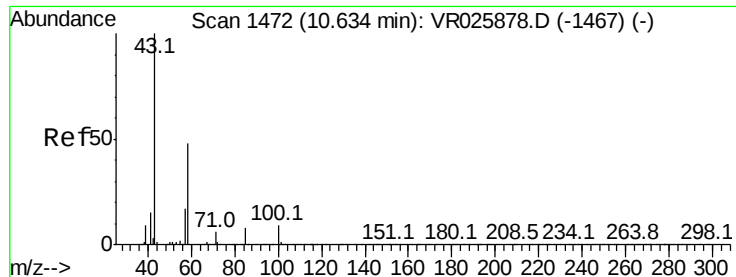
Tgt Ion: 75 Resp: 2314

Ion Ratio Lower Upper

75 100

77 41.4 23.0 42.8





#48

2-Hexanone

Concen: 3.521 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025887.D

Acq: 27 Sep 2018 22:47

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 24007

Ion Ratio Lower Upper

43 100

58 25.3 39.5 59.3#

57 22.2 14.6 21.8#

100 2.5 6.7 10.1#

