

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\
 Data File : VR026105.D
 Acq On : 16 Oct 2018 17:40
 Operator : SY/MD
 Sample : J5463-18
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 17 08:53:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 08:49:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	558849	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	463666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	151361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	271812	5.56	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	2.63	69	220576	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	3.60	63	470104	3.91	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	6.59	46	185707	46.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	7.20	84	335693	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	7.90	65	141595	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	7.85	84	685465	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	8.90	67	179561	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	9.97	98	657472	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	10.24	79	41065	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.59	63	146693	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68559	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	114576	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

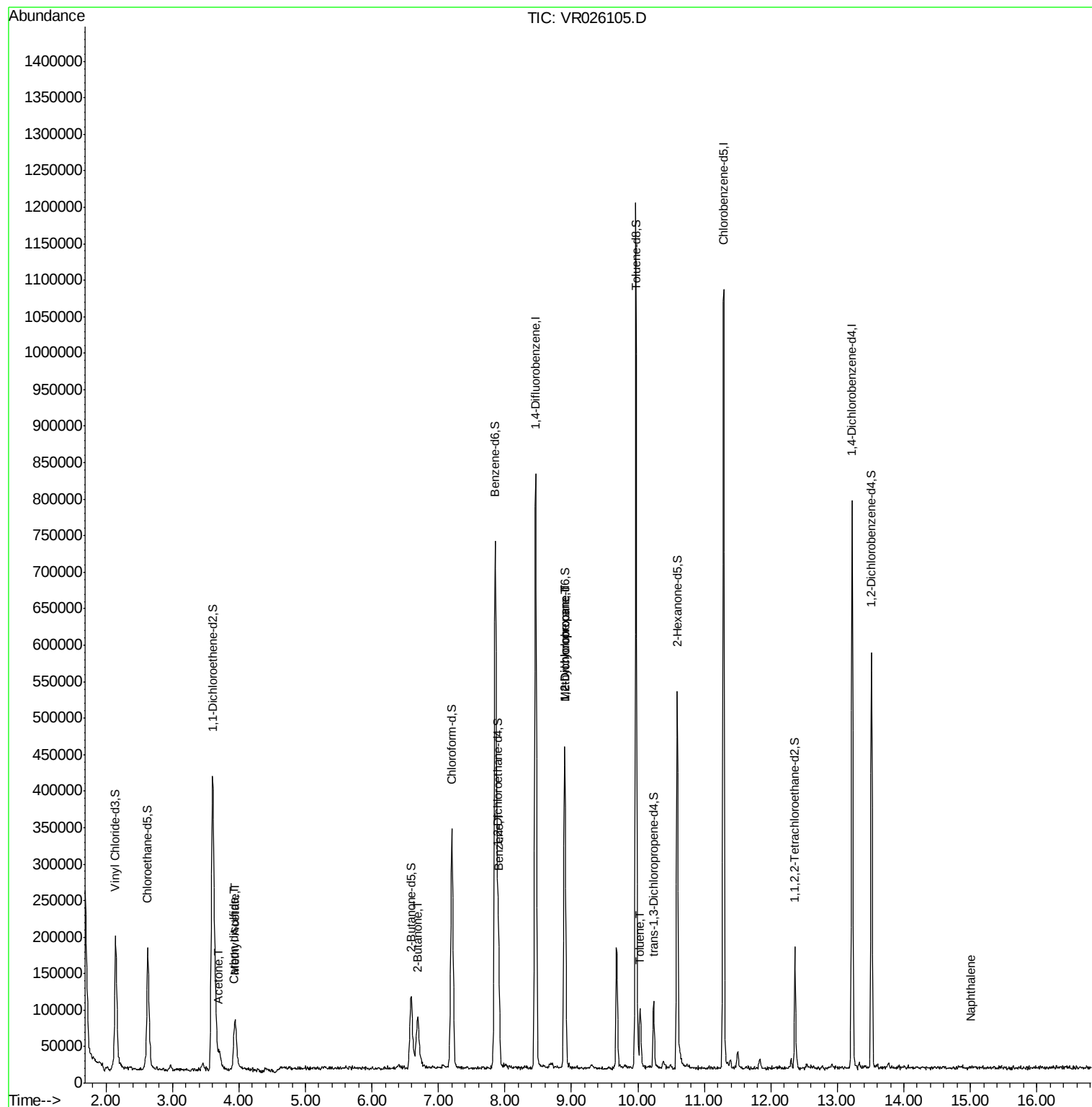
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.69	43	38409	9.253	ug/L	93
14) Carbon disulfide	3.92	76	18662	0.131	ug/L #	88
15) Methyl Acetate	3.94	43	29848	2.753	ug/L #	51
21) 2-Butanone	6.69	43	8761	1.830	ug/L	89
33) Benzene	7.91	78	48403	0.278	ug/L	100
35) Methylcyclohexane	8.89	83	40497	0.611	ug/L #	19
37) 1,2-Dichloropropane	8.90	63	22897	0.624	ug/L #	96
42) Toluene	10.03	91	49618	0.270	ug/L	94
69) Naphthalene	15.01	128	1607	0.093	ug/L #	90

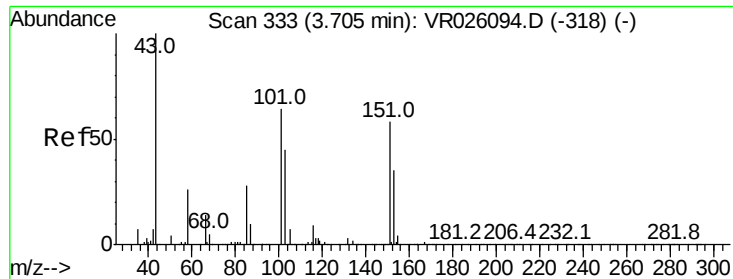
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.253 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026105.D

Acq: 16 Oct 2018 17:40

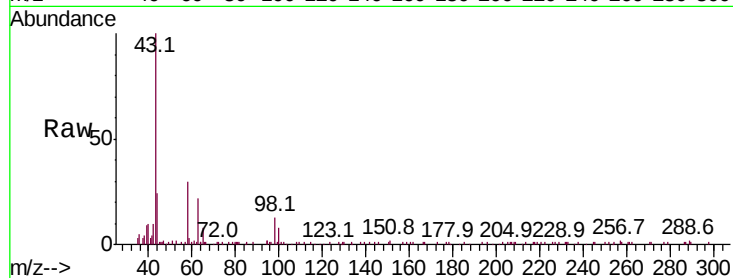
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 38409

Ion Ratio Lower Upper

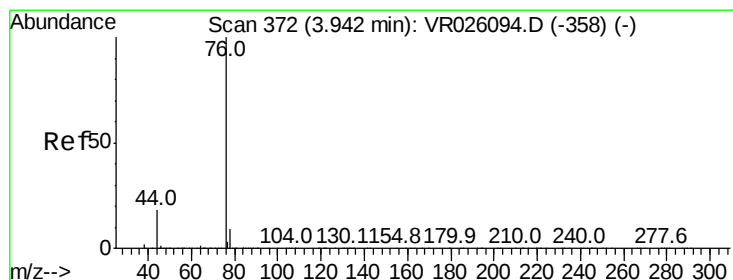
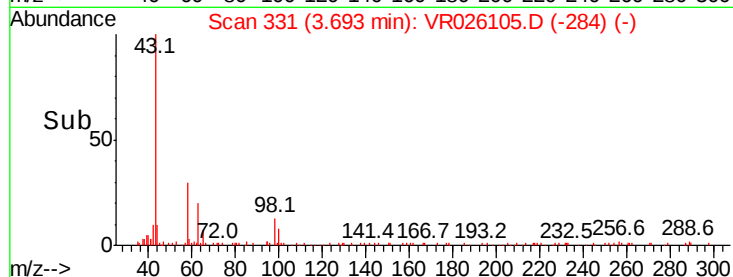
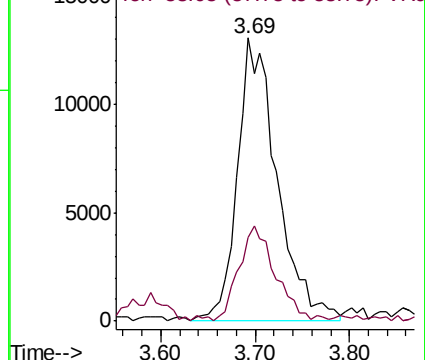
43 100

58 31.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#14

Carbon disulfide

Concen: 0.131 ug/L

RT: 3.92 min Scan# 369

Delta R.T. -0.02 min

Lab File: VR026105.D

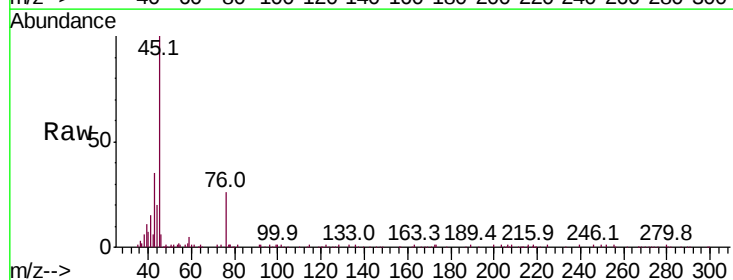
Acq: 16 Oct 2018 17:40

Tgt Ion: 76 Resp: 18662

Ion Ratio Lower Upper

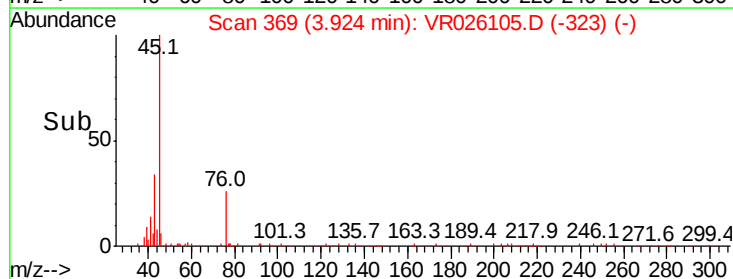
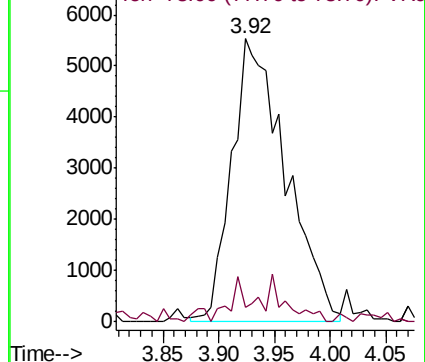
76 100

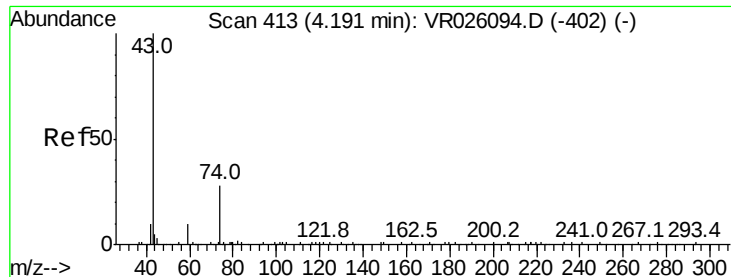
78 5.1 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0

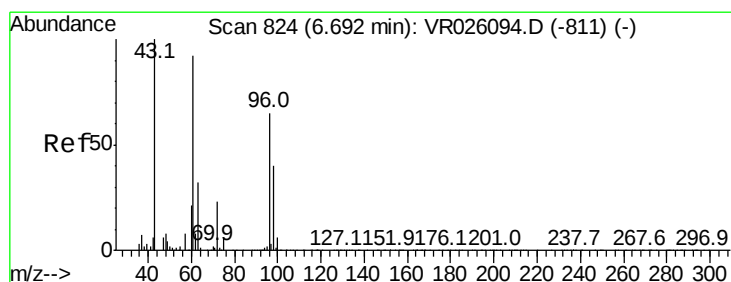
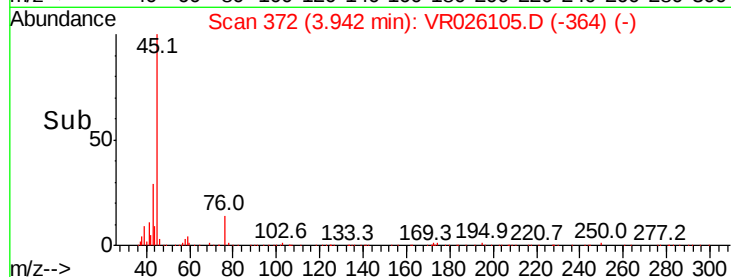
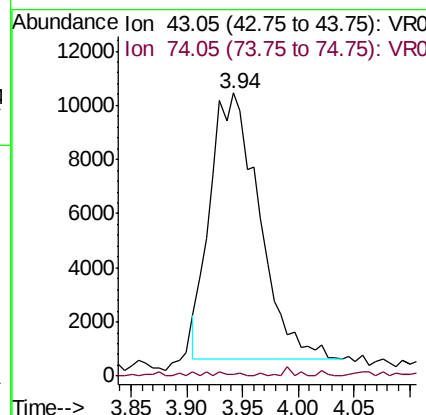
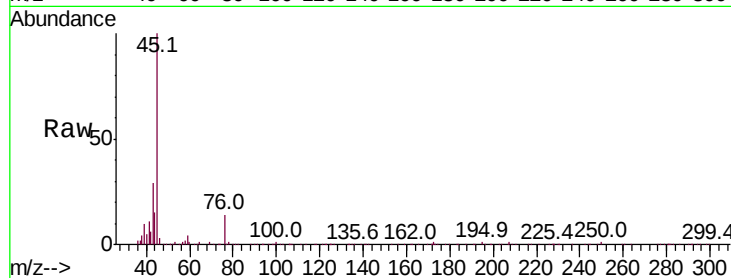




#15
Methyl Acetate
Concen: 2.753 ug/L
RT: 3.94 min Scan# 372
Delta R.T. -0.25 min
Lab File: VR026105.D
Acq: 16 Oct 2018 17:40

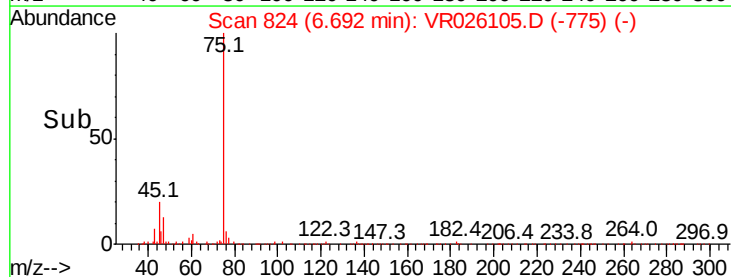
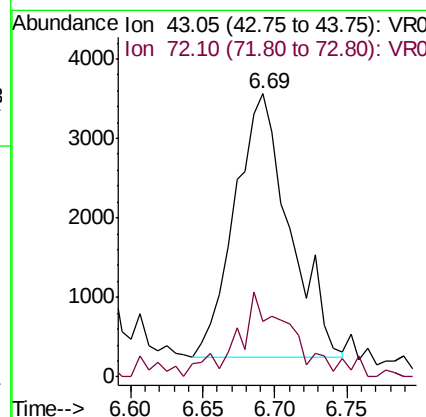
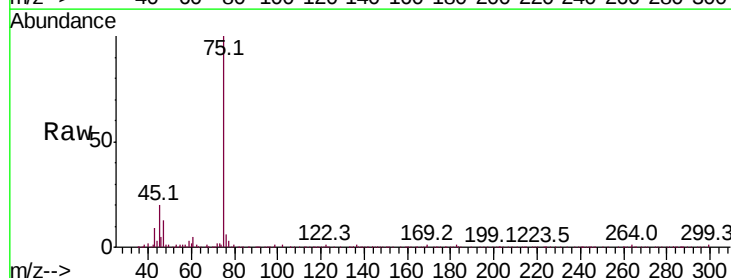
Instrument :
MSVOA_R
ClientSampleId :

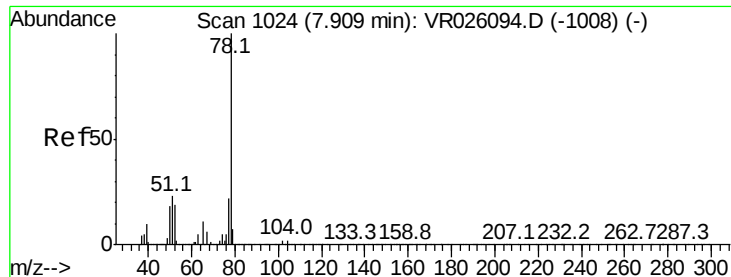
Tot Ion: 43 Resp: 29848
Ion Ratio Lower Upper
43 100
74 0.5 19.8 29.8#



#21
2-Butanone
Concen: 1.830 ug/L
RT: 6.69 min Scan# 824
Delta R.T. -0.00 min
Lab File: VR026105.D
Acq: 16 Oct 2018 17:40

Tgt Ion: 43 Resp: 8761
Ion Ratio Lower Upper
43 100
72 30.2 12.3 36.8





#33

Benzene

Concen: 0.278 ug/L

RT: 7.91 min Scan# 1024

Delta R.T. -0.00 min

Lab File: VR026105.D

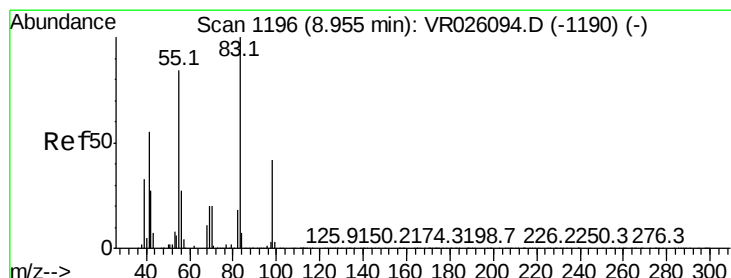
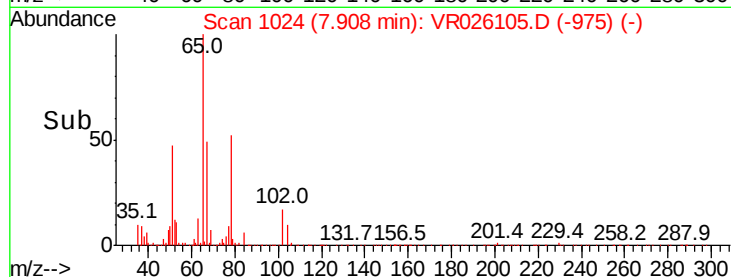
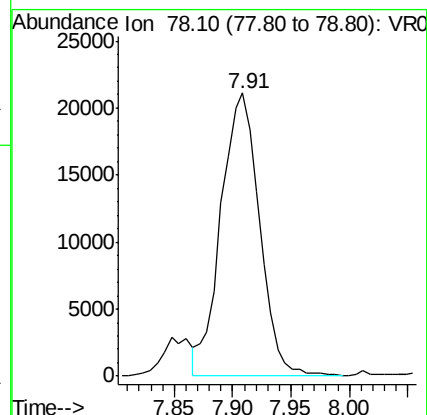
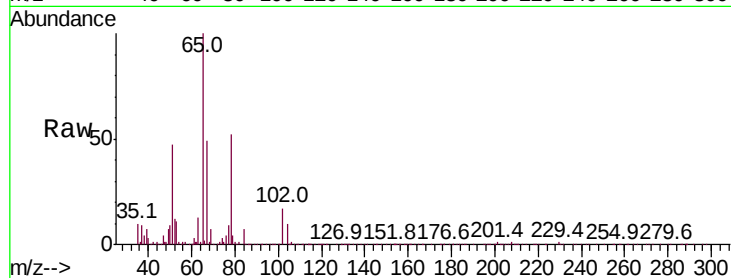
Acq: 16 Oct 2018 17:40

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion: 78 Resp: 48403



#35

Methylcyclohexane

Concen: 0.611 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026105.D

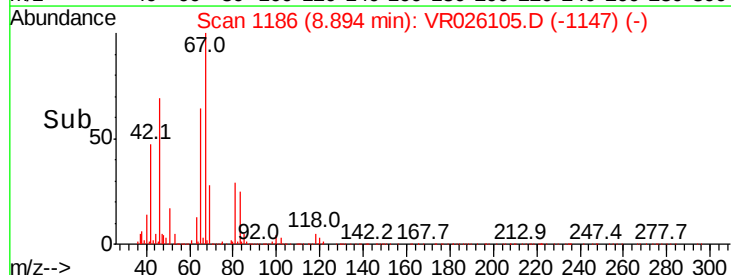
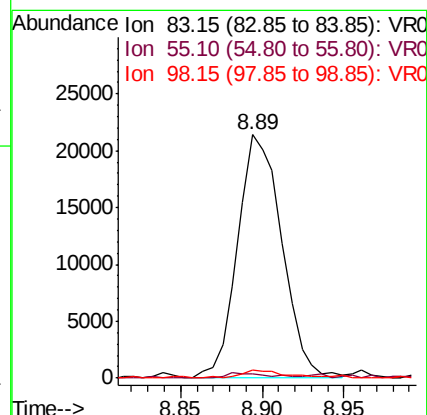
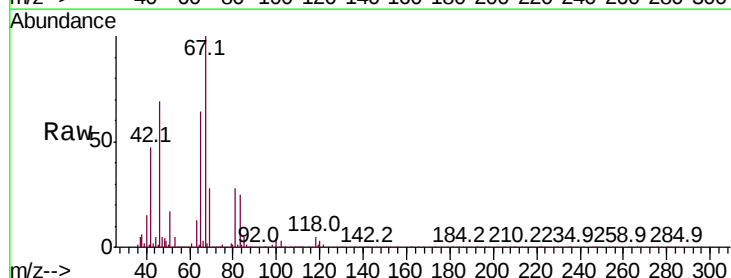
Acq: 16 Oct 2018 17:40

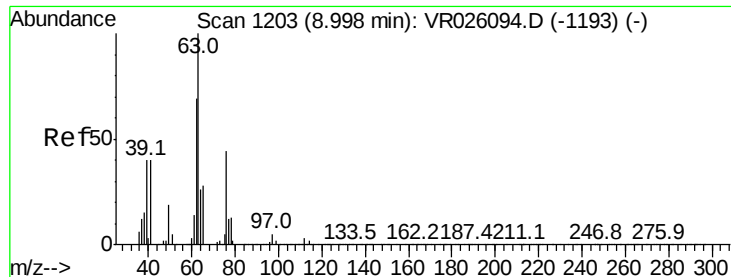
Tgt Ion: 83 Resp: 40497

Ion	Ratio	Lower	Upper
83	100		

55	2.0	66.8	100.2#
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98	3.7	35.2	52.8#
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#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR026105.D

Acq: 16 Oct 2018 17:40

Instrument :

MSVOA_R

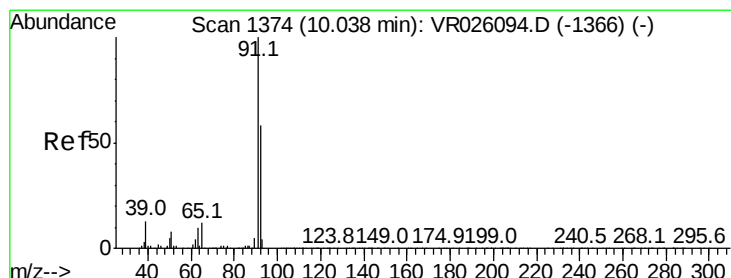
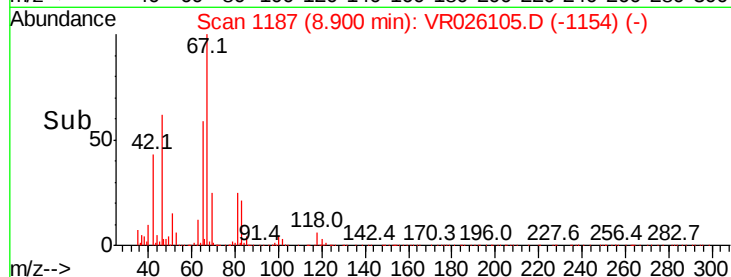
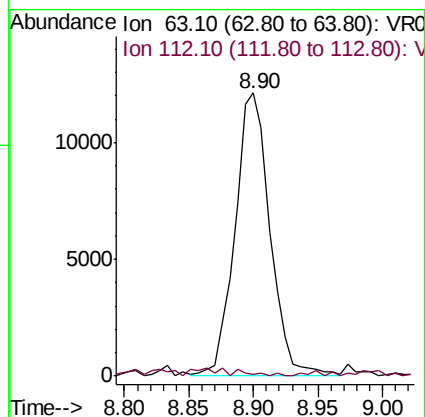
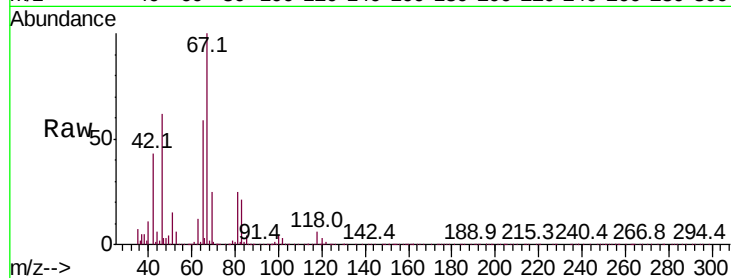
ClientSampleId :

Tot Ion: 63 Resp: 22897

Ion Ratio Lower Upper

63 100

112 2.1 2.7 4.1#



#42

Toluene

Concen: 0.270 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.01 min

Lab File: VR026105.D

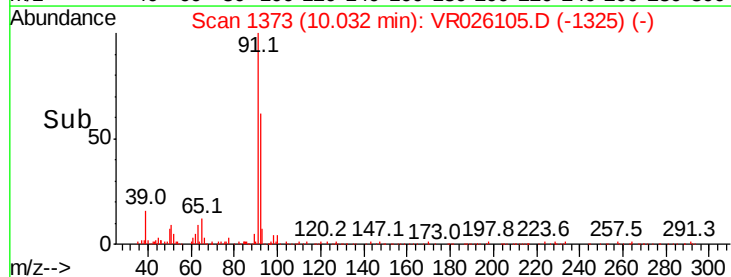
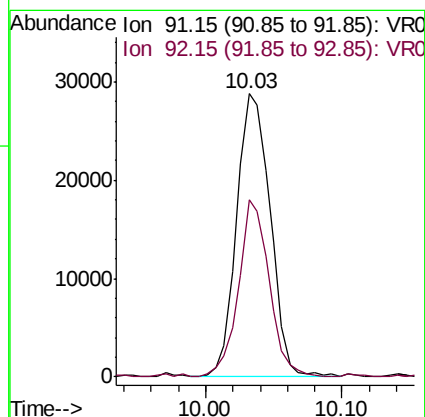
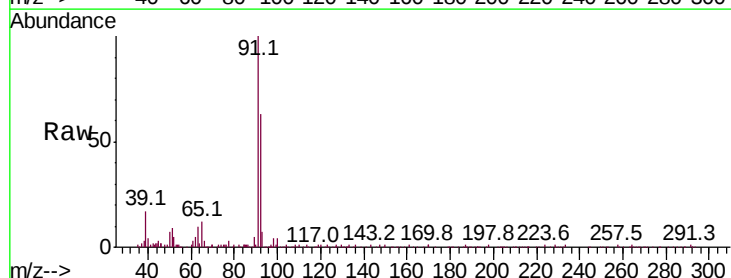
Acq: 16 Oct 2018 17:40

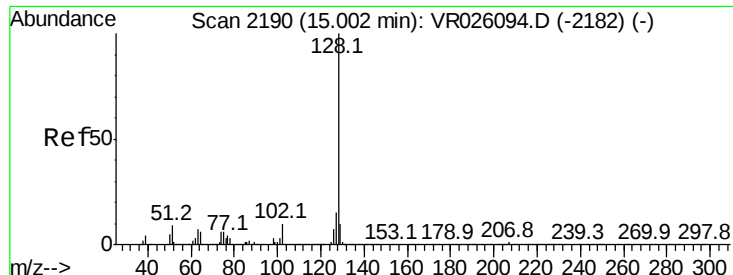
Tgt Ion: 91 Resp: 49618

Ion Ratio Lower Upper

91 100

92 62.8 40.8 75.8





#69

Naphthalene

Concen: 0.093 ug/L

RT: 15.01 min Scan# 2191

Delta R.T. 0.01 min

Lab File: VR026105.D

Acq: 16 Oct 2018 17:40

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion:128 Resp: 1607

Ion Ratio Lower Upper

128 100

127 16.5 11.0 16.6

129 16.7 9.1 13.7#

