

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR122118\
 Data File : VR026291.D
 Acq On : 21 Dec 2018 20:39
 Operator : SY/MD
 Sample : J6535-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Dec 21 22:28:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 21 22:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	454309	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	384216	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	116210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	150691	5.21	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	2.63	69	158230	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	3.60	63	310236	3.80	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	6.59	46	157912	61.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.02%
24) Chloroform-d	7.20	84	322408	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	7.90	65	131567	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	7.86	84	615293	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	8.90	67	171074	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	9.97	98	563957	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	10.24	79	35916	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	10.59	63	104004	60.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.10%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	66733	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	112158	6.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.20%#

Target Compounds

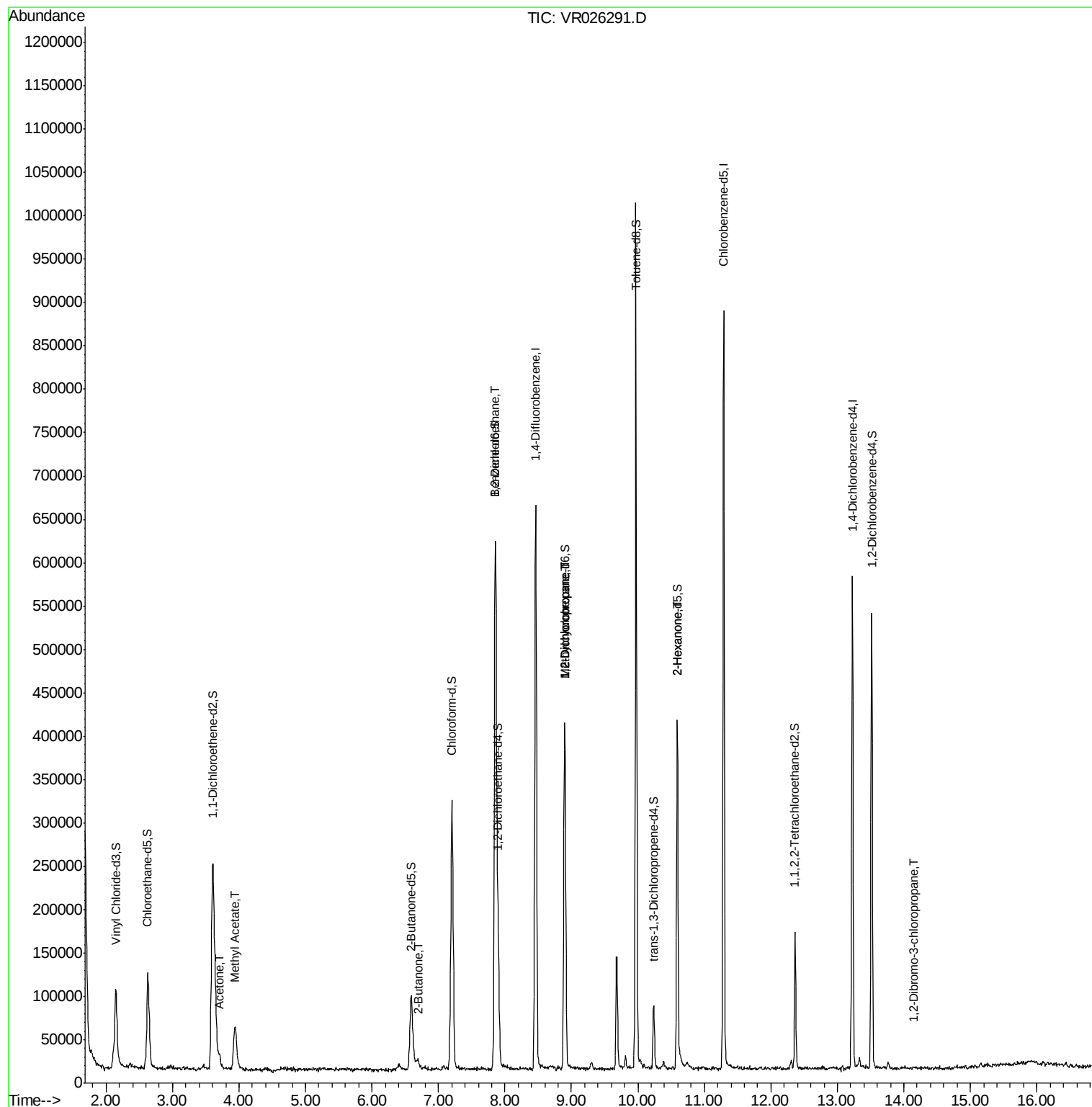
					Ovalue
13) Acetone	3.70	43	22276	8.518 ug/L	99
15) Methyl Acetate	3.93	43	24477	3.507 ug/L #	54
21) 2-Butanone	6.69	43	4988	1.608 ug/L	93
27) 1,2-Dichloroethane	7.86	62	4330	0.161 ug/L	98
35) Methylcyclohexane	8.89	83	41549	0.719 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	20988	0.678 ug/L	99
48) 2-Hexanone	10.59	43	21250	4.423 ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.15	75	199	0.182 ug/L #	40

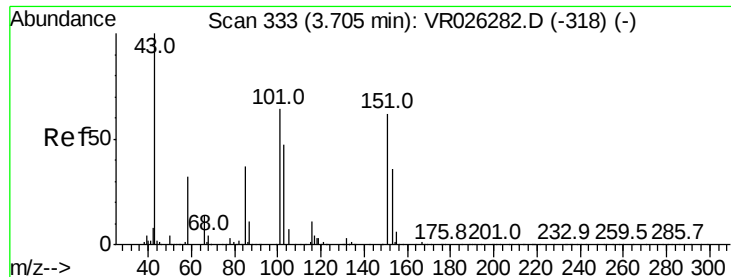
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 21 22:24:46 2018
Response via : Initial Calibration





#13

Acetone

Concen: 8.518 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.00 min

Lab File: VR026291.D

Acq: 21 Dec 2018 20:39

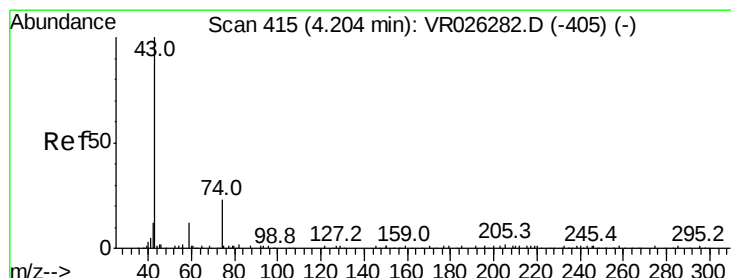
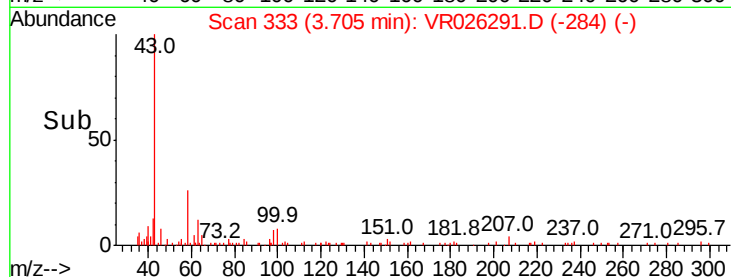
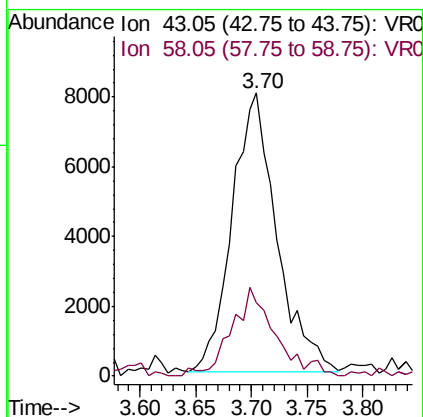
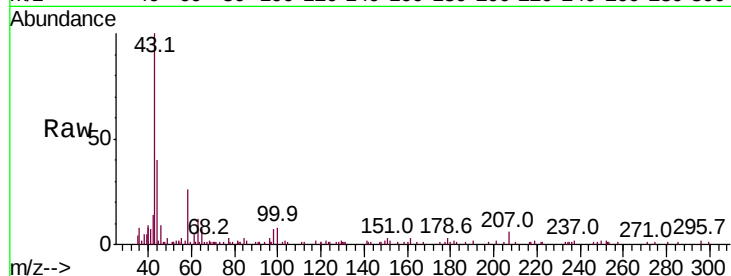
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 22276

Ion Ratio Lower Upper

43 100

58 31.2 0.0 60.8



#15

Methyl Acetate

Concen: 3.507 ug/L

RT: 3.93 min Scan# 370

Delta R.T. -0.27 min

Lab File: VR026291.D

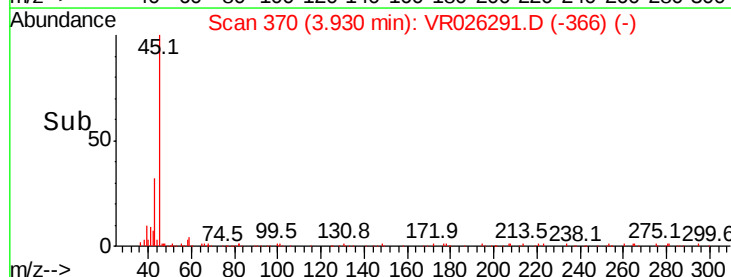
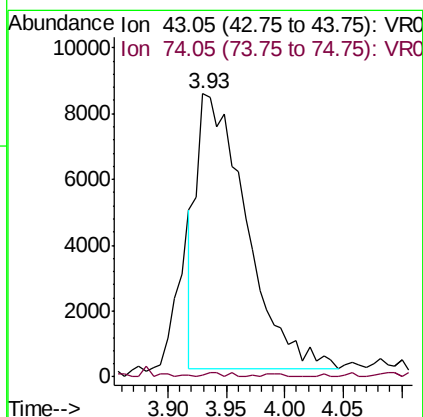
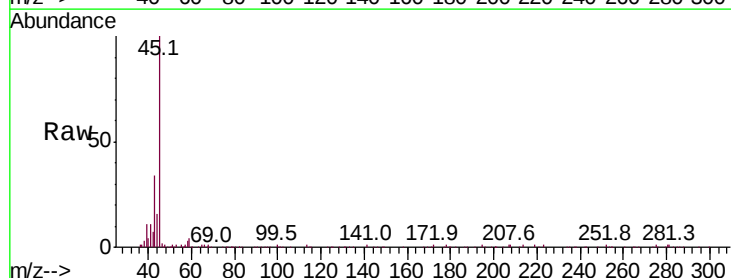
Acq: 21 Dec 2018 20:39

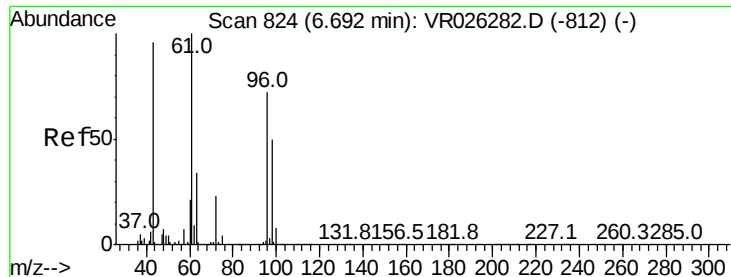
Tgt Ion: 43 Resp: 24477

Ion Ratio Lower Upper

43 100

74 0.7 18.4 27.6#





#21

2-Butanone

Concen: 1.608 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.00 min

Lab File: VR026291.D

Acq: 21 Dec 2018 20:39

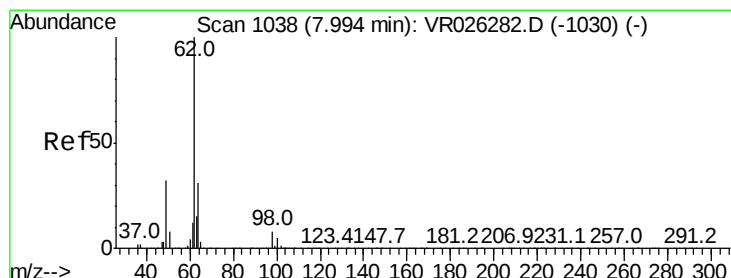
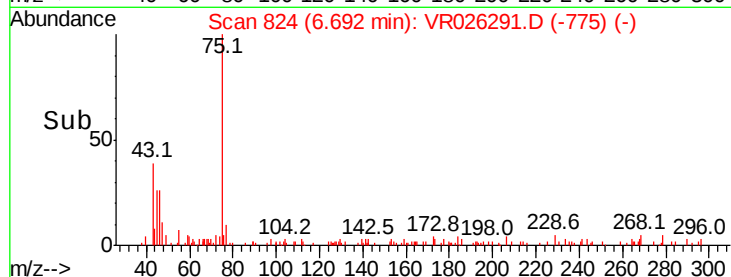
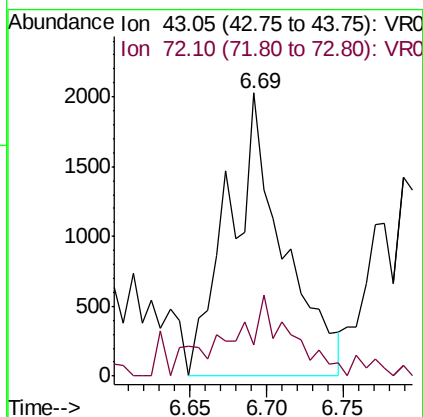
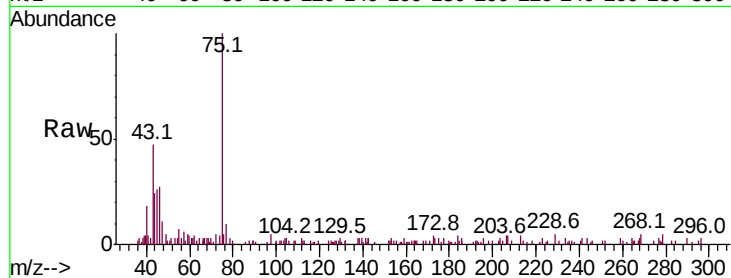
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 4988

Ion Ratio Lower Upper

43 100

72 27.0 11.9 35.5



#27

1,2-Dichloroethane

Concen: 0.161 ug/L

RT: 7.86 min Scan# 1016

Delta R.T. -0.13 min

Lab File: VR026291.D

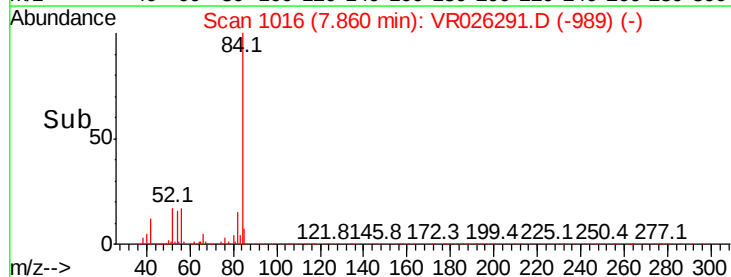
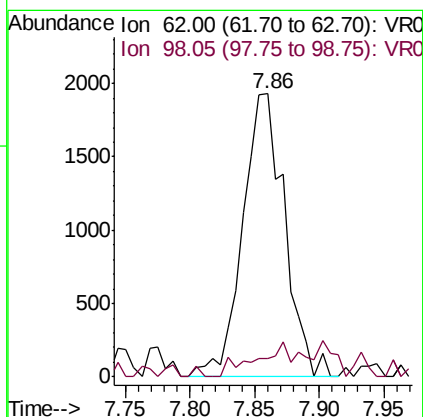
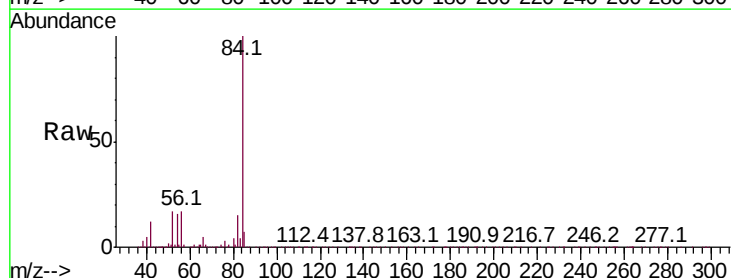
Acq: 21 Dec 2018 20:39

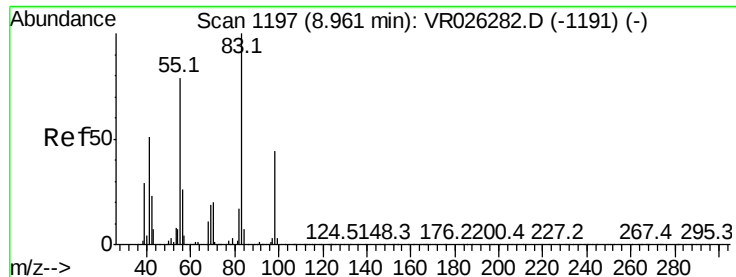
Tgt Ion: 62 Resp: 4330

Ion Ratio Lower Upper

62 100

98 6.4 5.7 8.5

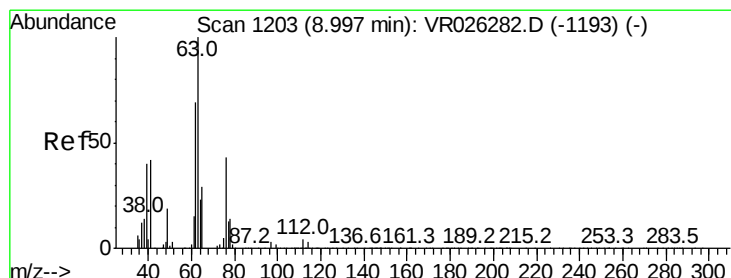
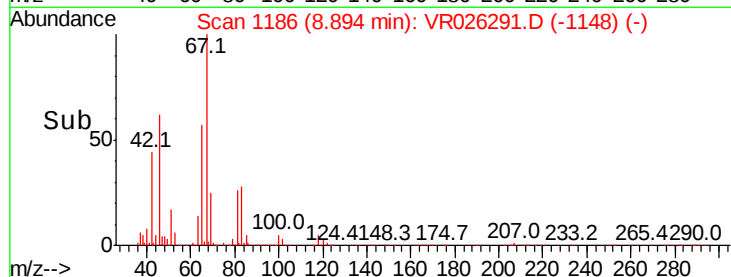
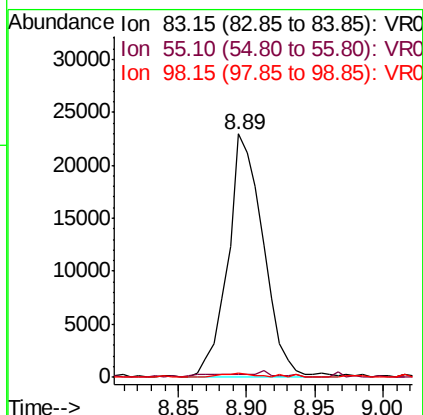
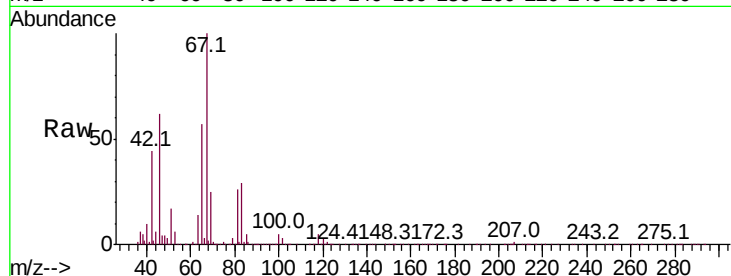




#35
Methvlcvclohexane
Concen: 0.719 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.07 min
Lab File: VR026291.D
Acq: 21 Dec 2018 20:39

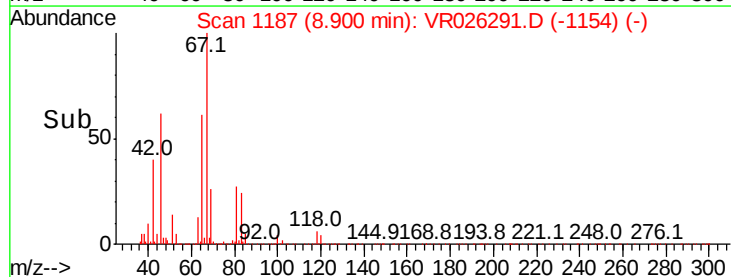
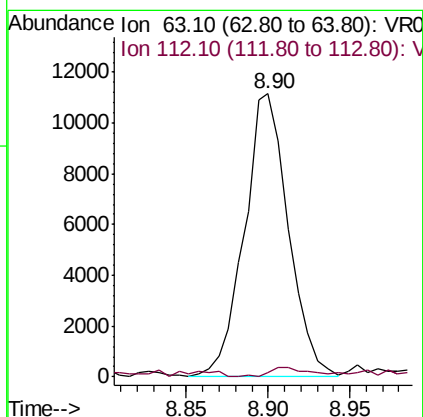
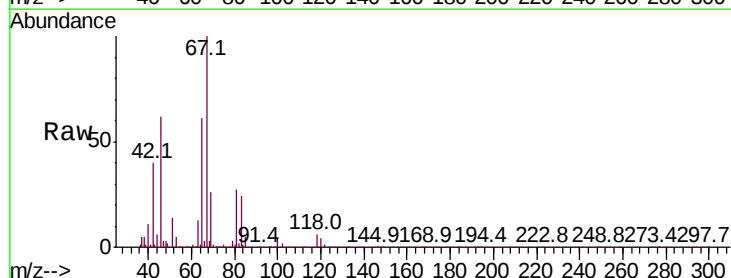
Instrument :
MSVOA_R
ClientSampleId :

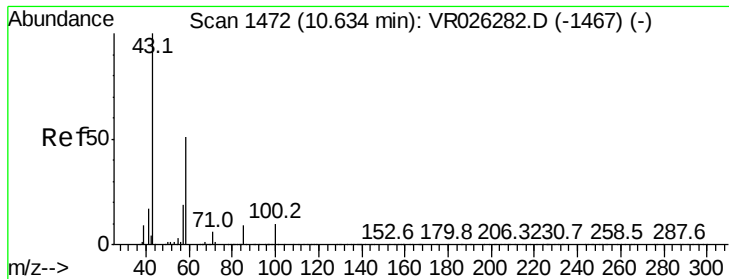
Tot Ion: 83 Resp: 41549
Ion Ratio Lower Upper
83 100
55 1.9 66.6 99.8#
98 1.7 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026291.D
Acq: 21 Dec 2018 20:39

Tgt Ion: 63 Resp: 20988
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.6

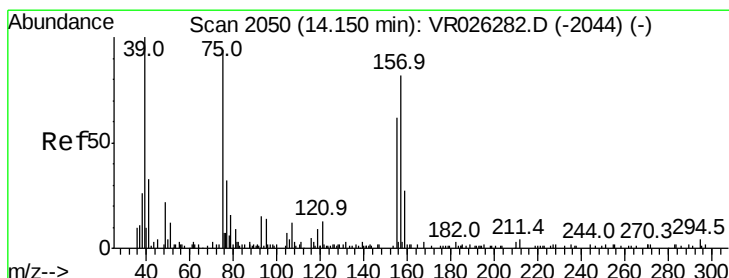
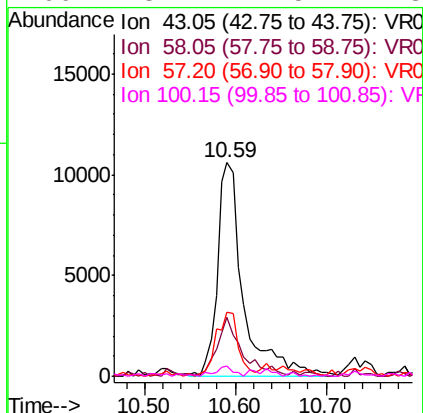
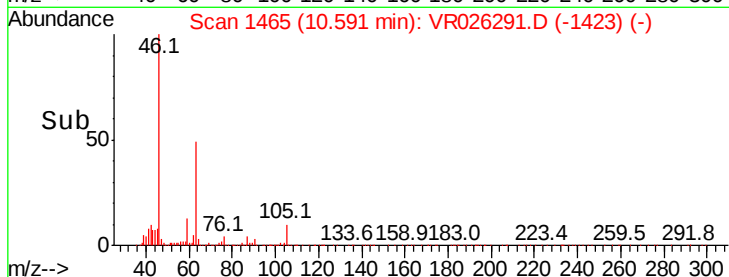
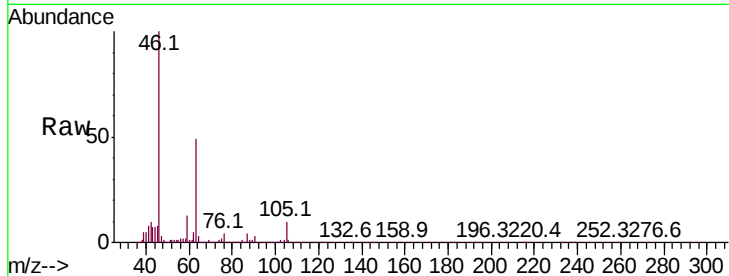




#48
2-Hexanone
Concen: 4.423 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026291.D
Acq: 21 Dec 2018 20:39

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 21250
Ion Ratio Lower Upper
43 100
58 25.9 40.5 60.7#
57 25.4 14.2 21.4#
100 3.4 7.5 11.3#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.182 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.00 min
Lab File: VR026291.D
Acq: 21 Dec 2018 20:39

Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
155 25.8 44.4 66.6#
157 17.7 66.3 99.5#

