

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026556.D
 Acq On : 10 Apr 2019 17:15
 Operator : SY/MD
 Sample : K2297-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YB5

Quant Time: Apr 11 04:22:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 04:17:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	575963	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	475648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	147796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	161863	3.70	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	2.62	69	143081	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	3.60	63	330349	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	6.58	46	155441	39.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.68%
24) Chloroform-d	7.20	84	325902	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	7.89	65	140013	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	7.85	84	581712	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	8.89	67	153767	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	9.97	98	528551	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	10.24	79	34228	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	10.59	63	124382	44.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62632	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	112147	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

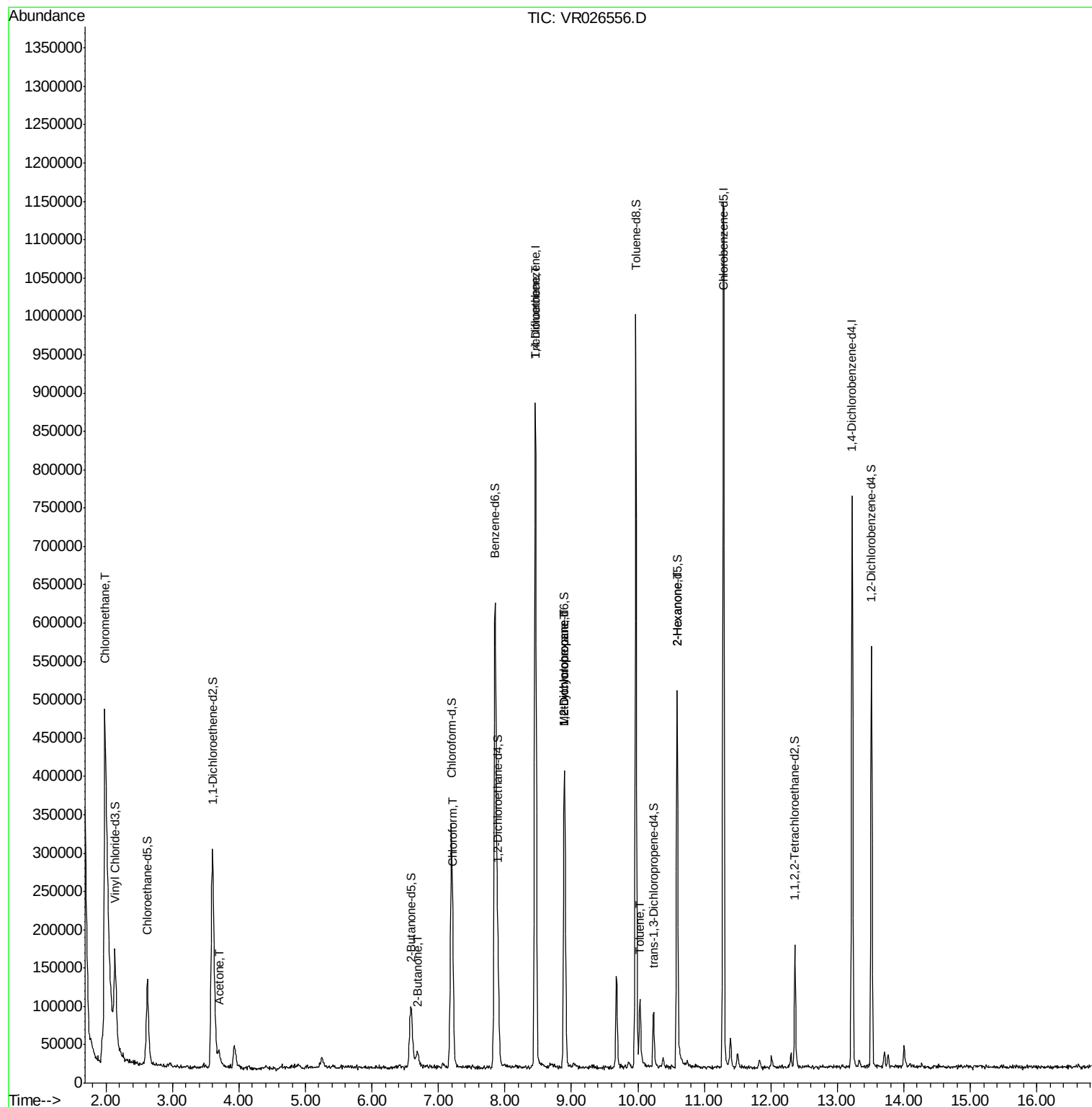
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.98	50	6833	0.110	ug/L #	66
13) Acetone	3.69	43	34624	8.781	ug/L	100
21) 2-Butanone	6.68	43	8441	1.665	ug/L	83
25) Chloroform	7.22	83	12818	0.150	ug/L	80
34) Trichloroethene	8.46	95	20533	0.412	ug/L #	12
35) Methylcyclohexane	8.90	83	39069	0.550	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	22626	0.555	ug/L #	95
42) Toluene	10.03	91	52453	0.275	ug/L	89
48) 2-Hexanone	10.59	43	21281	2.680	ug/L #	71

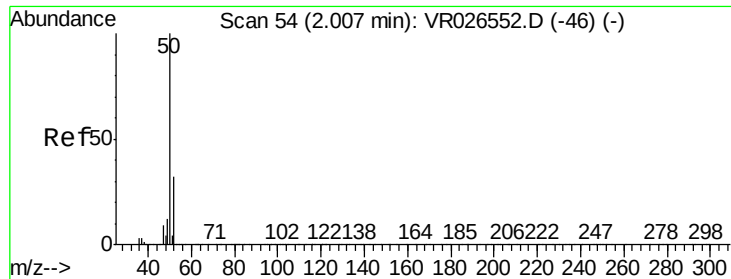
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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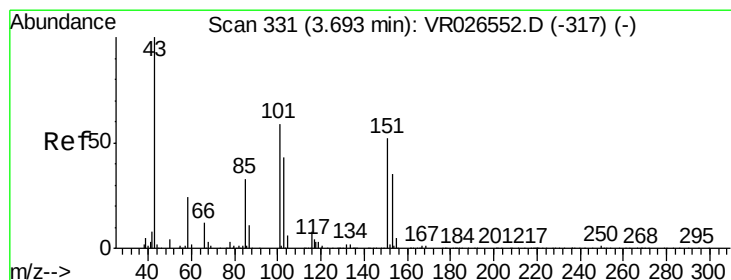
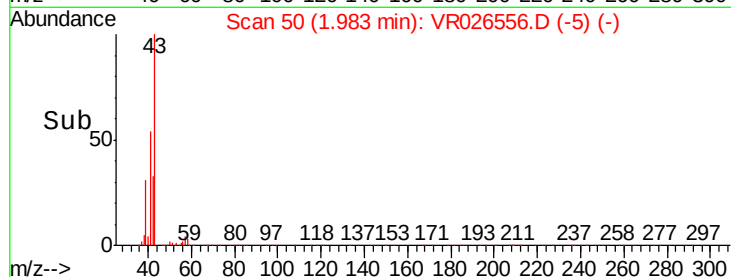
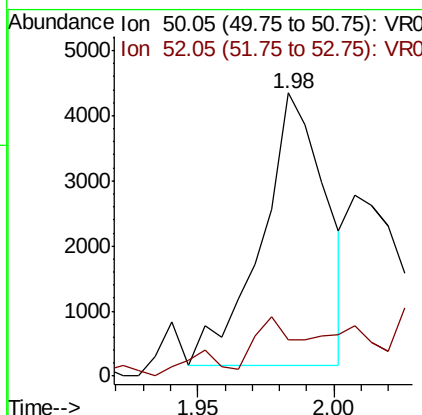
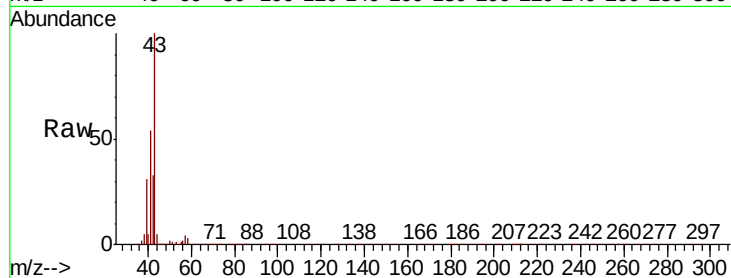




#3
Chloromethane
Concen: 0.110 ug/L
RT: 1.98 min Scan# 50
Delta R.T. -0.02 min
Lab File: VR026556.D
Acq: 10 Apr 2019 17:15

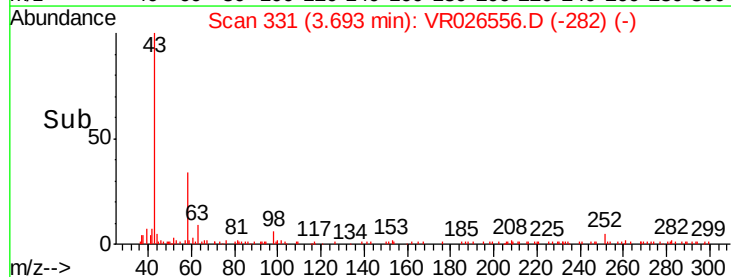
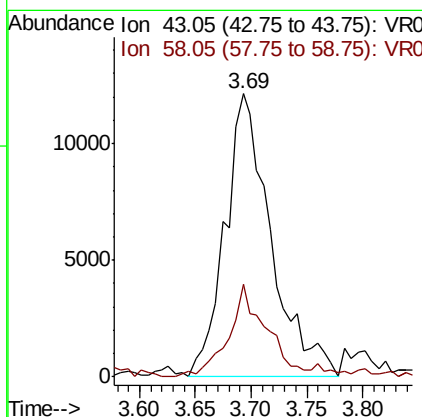
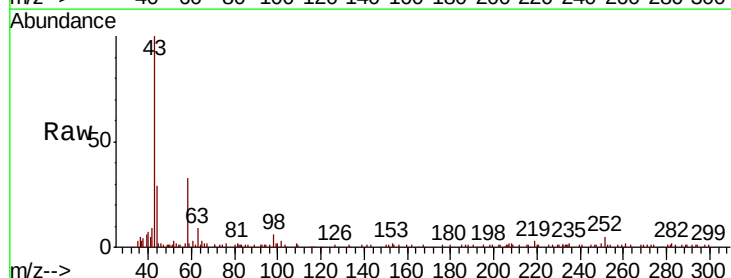
Instrument :
MSVOA_R
ClientSampleId :
E3YB5

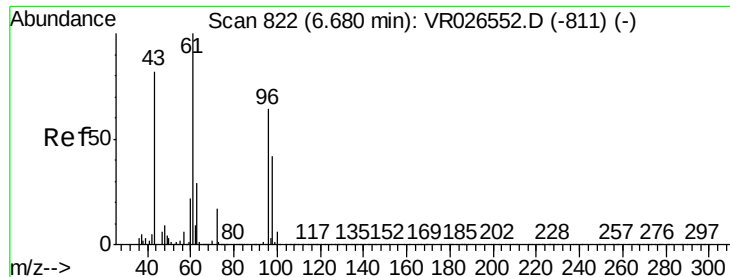
Tot Ion: 50 Resp: 6833
Ion Ratio Lower Upper
50 100
52 13.0 22.5 41.9#



#13
Acetone
Concen: 8.781 ug/L
RT: 3.69 min Scan# 331
Delta R.T. 0.00 min
Lab File: VR026556.D
Acq: 10 Apr 2019 17:15

Tgt Ion: 43 Resp: 34624
Ion Ratio Lower Upper
43 100
58 27.0 0.0 53.8





#21

2-Butanone

Concen: 1.665 ug/L

RT: 6.68 min Scan# 822

Delta R.T. 0.00 min

Lab File: VR026556.D

Acq: 10 Apr 2019 17:15

Instrument :

MSVOA_R

ClientSampleId :

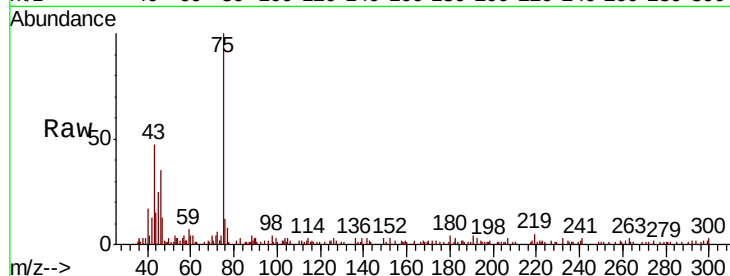
E3YB5

Tot Ion: 43 Resp: 8441

Ion Ratio Lower Upper

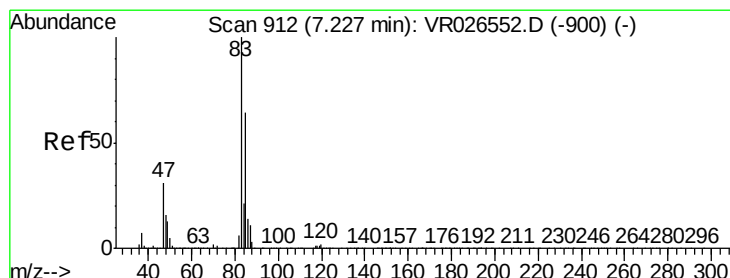
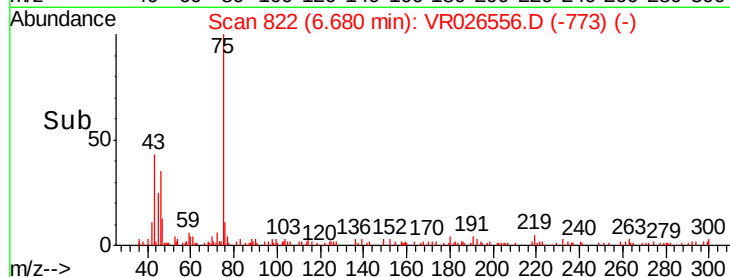
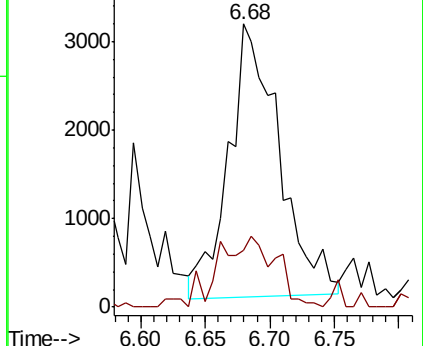
43 100

72 30.3 11.1 33.3



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#25

Chloroform

Concen: 0.150 ug/L

RT: 7.22 min Scan# 911

Delta R.T. -0.01 min

Lab File: VR026556.D

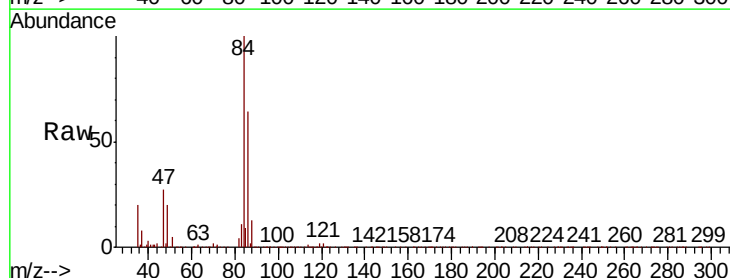
Acq: 10 Apr 2019 17:15

Tgt Ion: 83 Resp: 12818

Ion Ratio Lower Upper

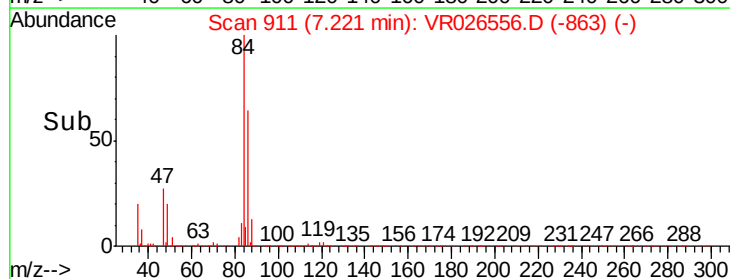
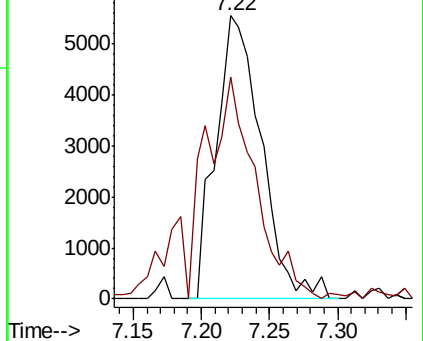
83 100

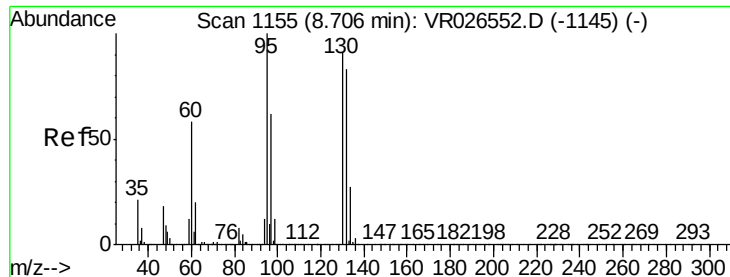
85 78.4 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0





#34

Trichloroethene

Concen: 0.412 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026556.D

Acq: 10 Apr 2019 17:15

Instrument :

MSVOA_R

ClientSampleId :

E3YB5

Tot Ion: 95 Resp: 20533

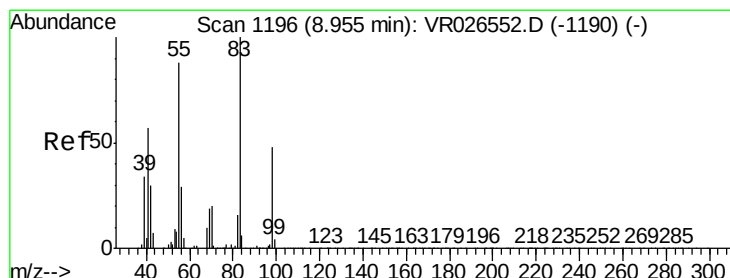
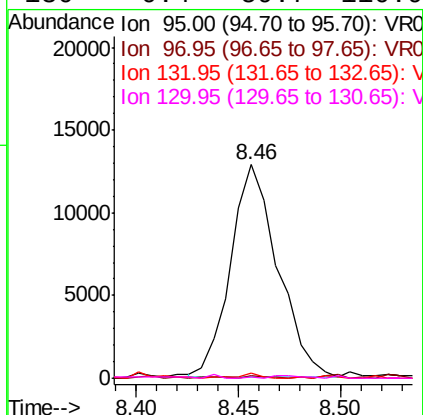
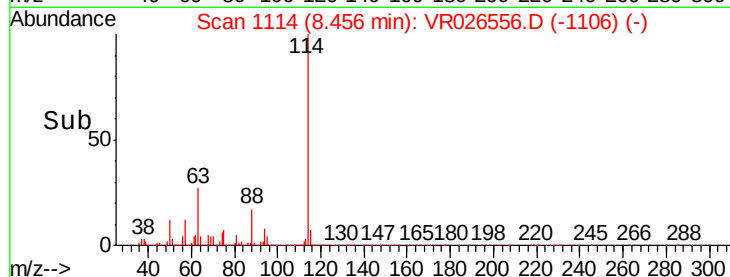
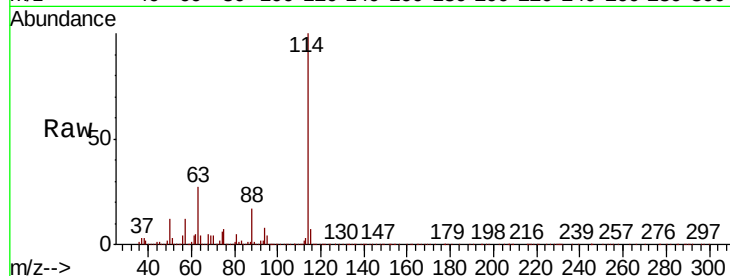
Ion Ratio Lower Upper

95 100

97 1.4 43.8 81.3#

132 2.3 57.2 106.2#

130 0.4 59.7 110.9#



#35

Methylcyclohexane

Concen: 0.550 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026556.D

Acq: 10 Apr 2019 17:15

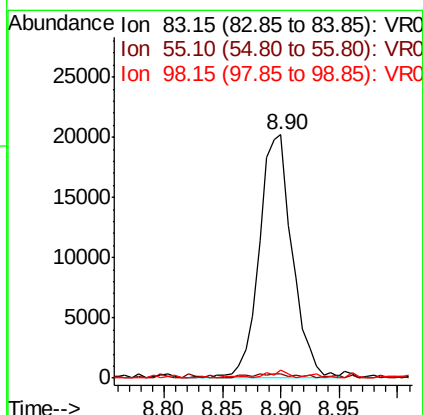
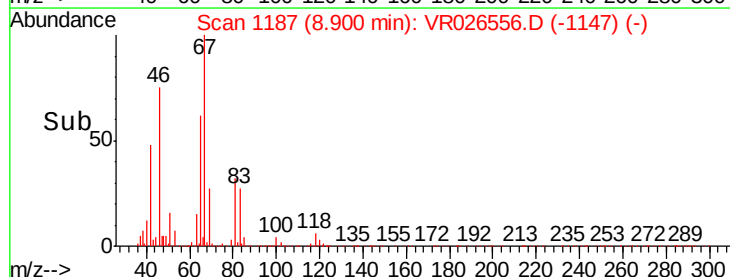
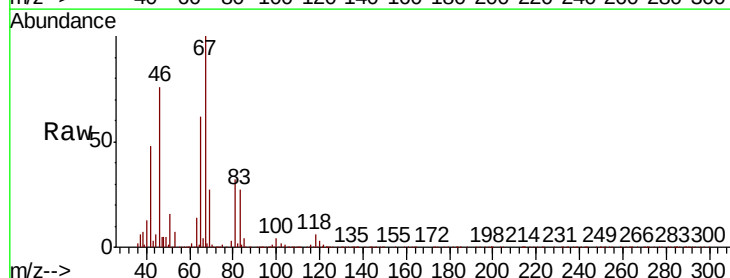
Tgt Ion: 83 Resp: 39069

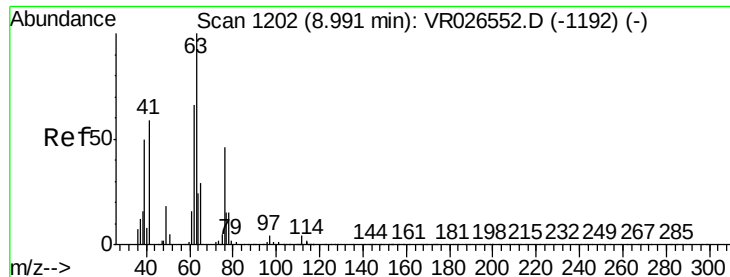
Ion Ratio Lower Upper

83 100

55 2.3 73.8 110.6#

98 1.8 34.6 51.8#

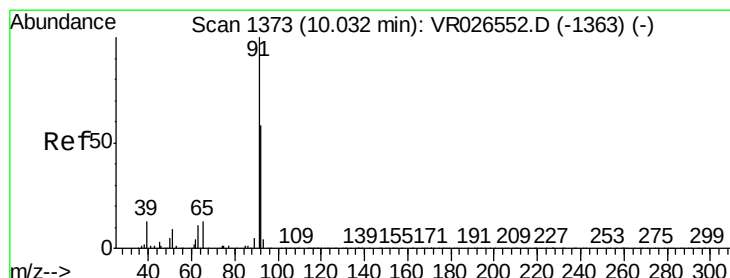
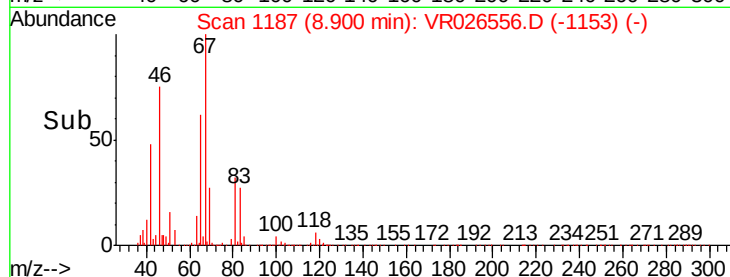
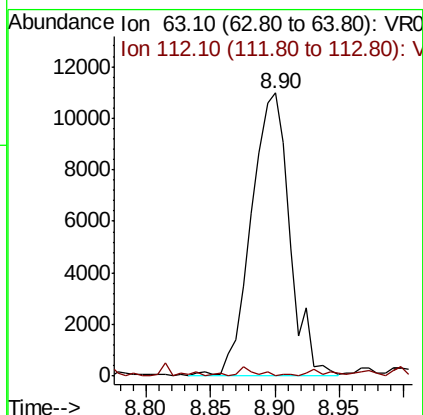
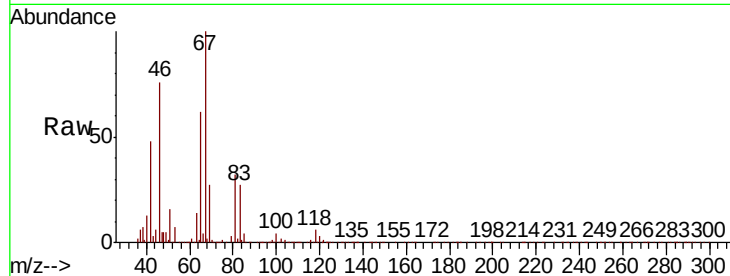




#37
 1,2-Dichloropropane
 Concen: 0.555 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026556.D
 Acq: 10 Apr 2019 17:15

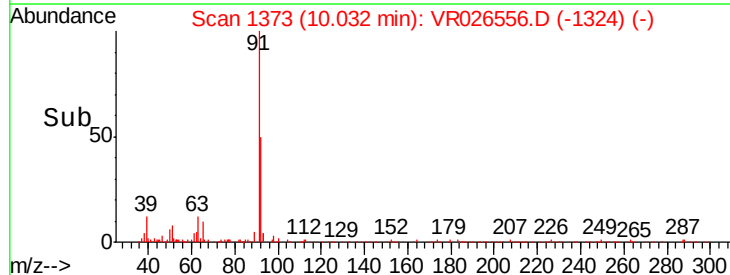
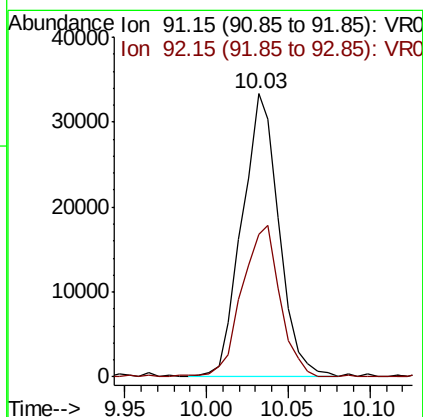
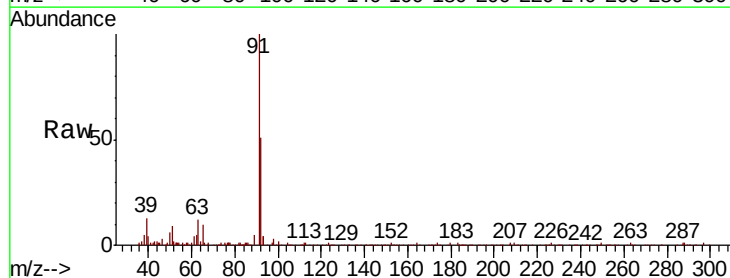
Instrument :
 MSVOA_R
 ClientSampled :
 E3YB5

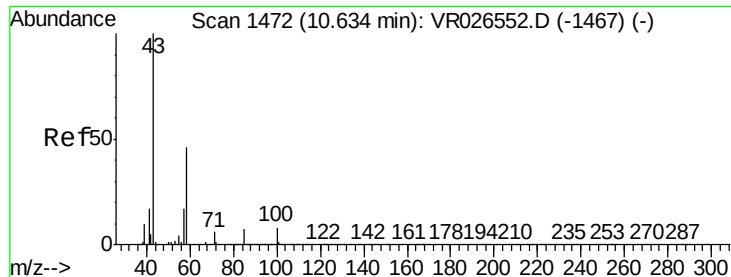
Tot Ion: 63 Resp: 22626
 Ion Ratio Lower Upper
 63 100
 112 1.9 2.8 4.2#



#42
 Toluene
 Concen: 0.275 ug/L
 RT: 10.03 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: VR026556.D
 Acq: 10 Apr 2019 17:15

Tgt Ion: 91 Resp: 52453
 Ion Ratio Lower Upper
 91 100
 92 50.5 40.9 75.9





#48

2-Hexanone

Concen: 2.680 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026556.D

Acq: 10 Apr 2019 17:15

Instrument :

MSVOA_R

ClientSampleId :

E3YB5

Tot Ion: 43 Resp: 21281

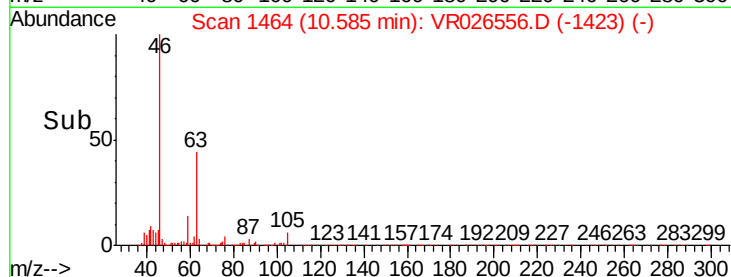
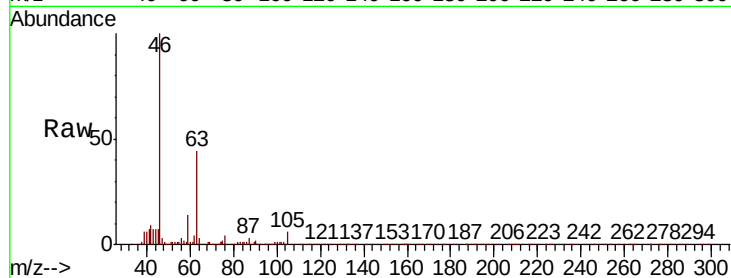
Ion Ratio Lower Upper

43 100

58 27.3 38.2 57.2#

57 33.6 13.8 20.6#

100 6.5 6.2 9.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

