

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101818\
 Data File : VR026133.D
 Acq On : 18 Oct 2018 14:35
 Operator : SY/MD
 Sample : J5464-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JE2

Quant Time: Oct 19 04:43:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 04:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	537306	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	453130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	140638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	229453	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	2.63	69	201547	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	3.61	63	413877	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	6.58	46	199462	51.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	7.20	84	339440	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	7.90	65	146714	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	7.85	84	671710	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	8.90	67	182662	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	623763	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	10.24	79	41675	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	10.59	63	158729	55.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69587	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	114847	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

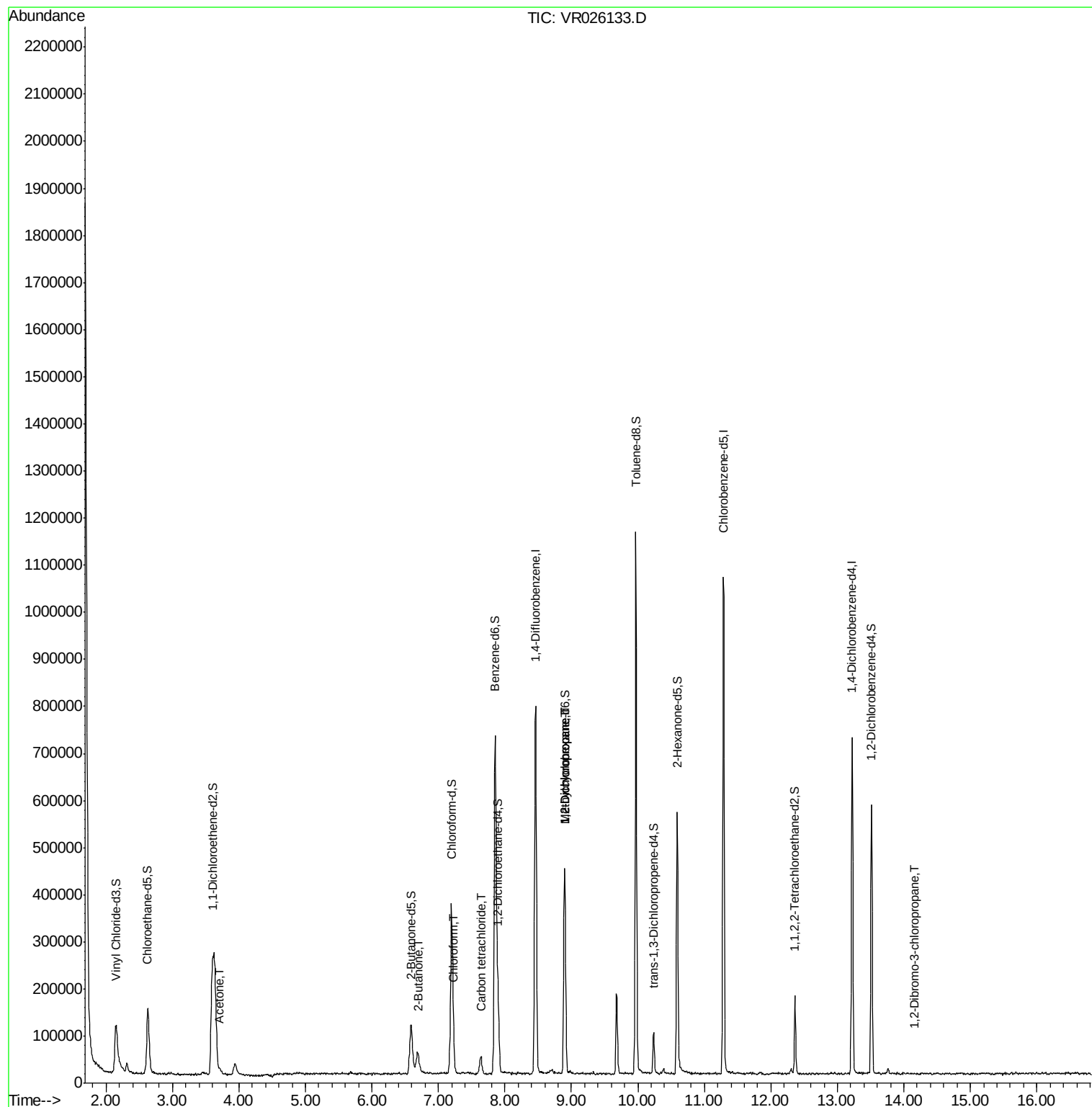
					Qvalue
13) Acetone	3.70	43	8759	2.195	ug/L 62
21) 2-Butanone	6.70	43	5124	1.113	ug/L 79
25) Chloroform	7.23	83	13008	0.180	ug/L 77
31) Carbon tetrachloride	7.63	117	26816	0.476	ug/L 97
35) Methylcyclohexane	8.90	83	41412	0.639	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	22620	0.631	ug/L # 94
66) 1,2-Dibromo-3-chloropropan	14.15	75	394	0.258	ug/L # 25

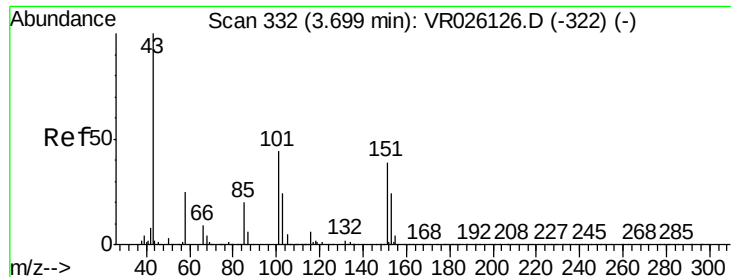
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.195 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

Lab File: VR026133.D

Acq: 18 Oct 2018 14:35

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MSVOA_R

ClientSampleId :

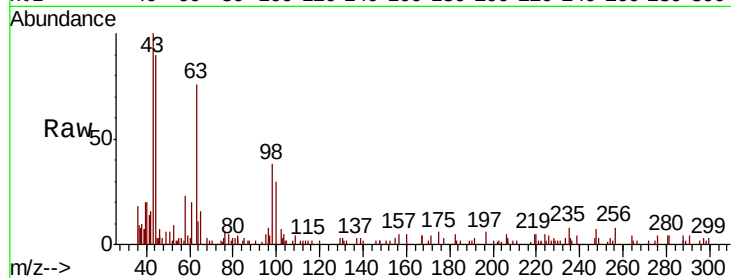
C0JE2

Tgt Ion: 43 Resp: 8759

Ion Ratio Lower Upper

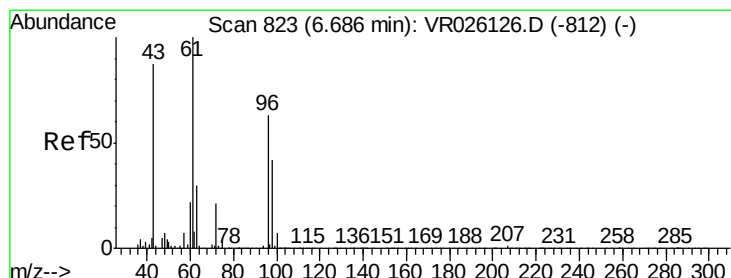
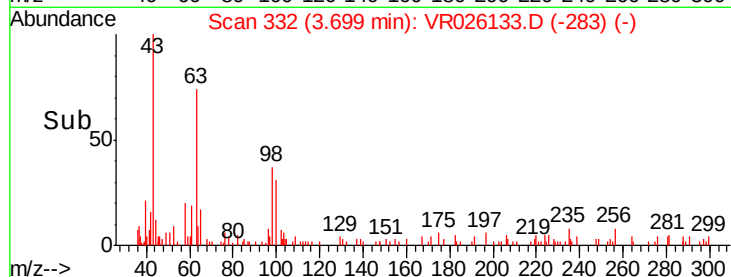
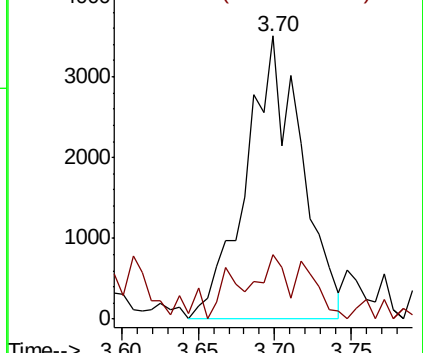
43 100

58 7.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 1.113 ug/L

RT: 6.70 min Scan# 826

Delta R.T. 0.02 min

Lab File: VR026133.D

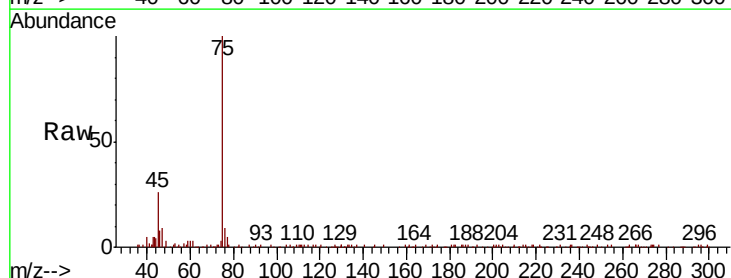
Acq: 18 Oct 2018 14:35

Tgt Ion: 43 Resp: 5124

Ion Ratio Lower Upper

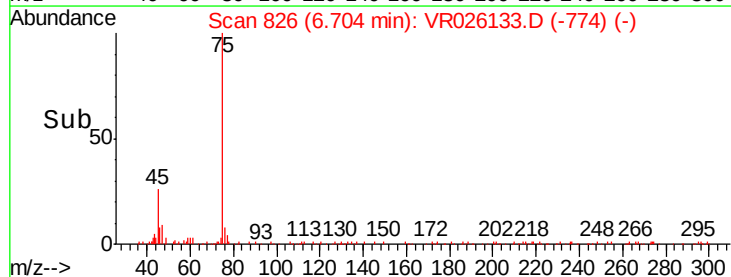
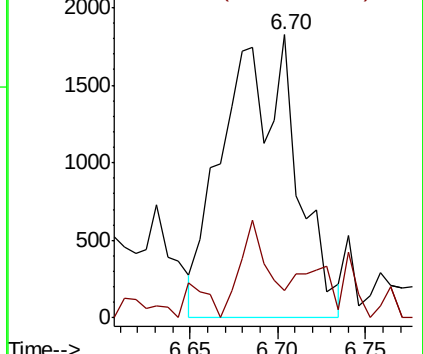
43 100

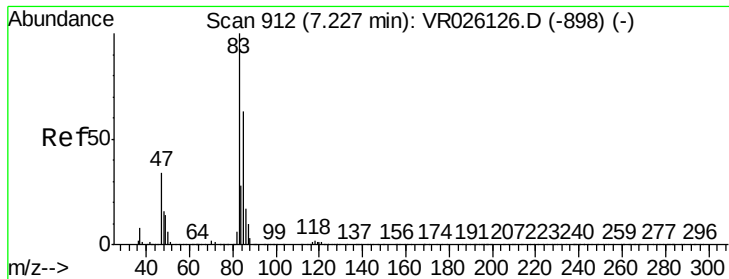
72 13.9 12.3 36.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

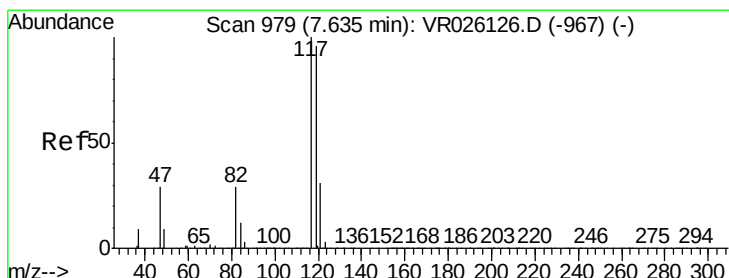
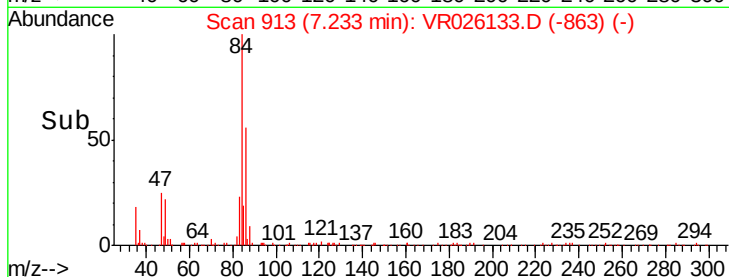
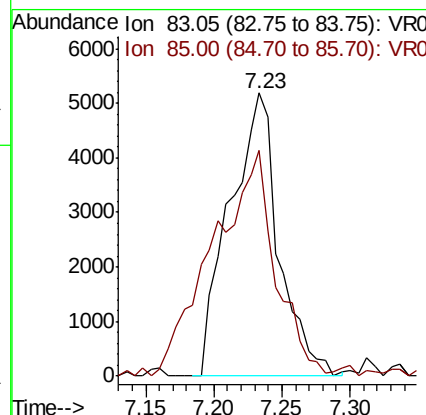
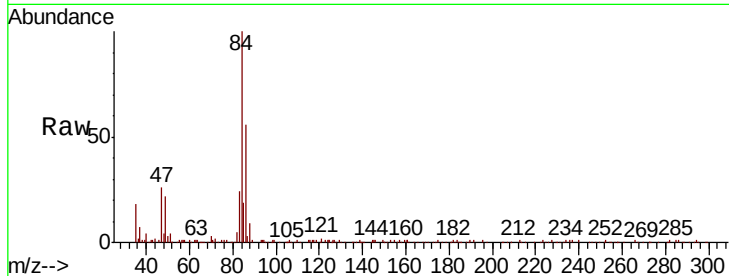




#25
Chloroform
Concen: 0.180 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.01 min
Lab File: VR026133.D
Acq: 18 Oct 2018 14:35

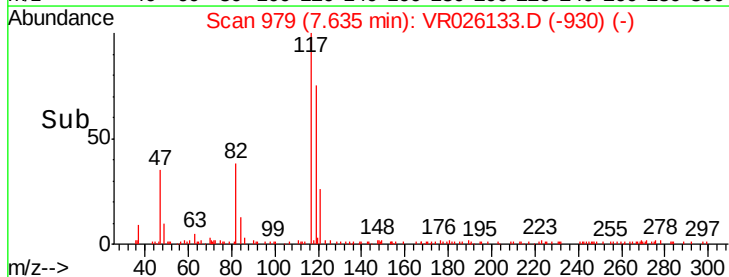
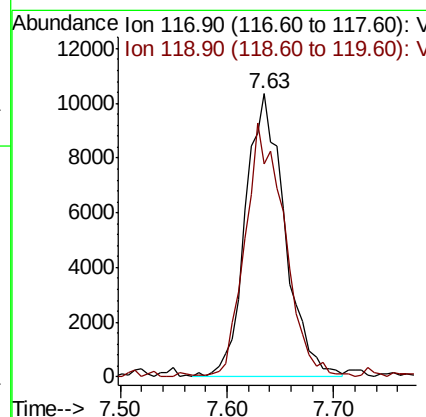
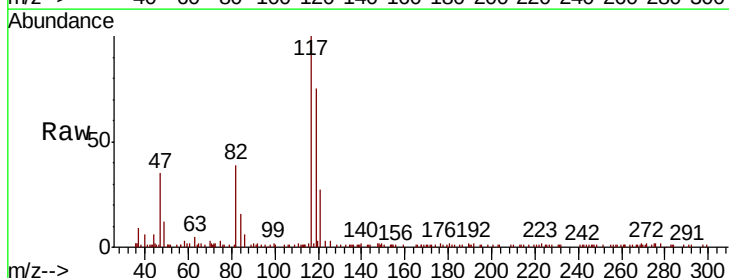
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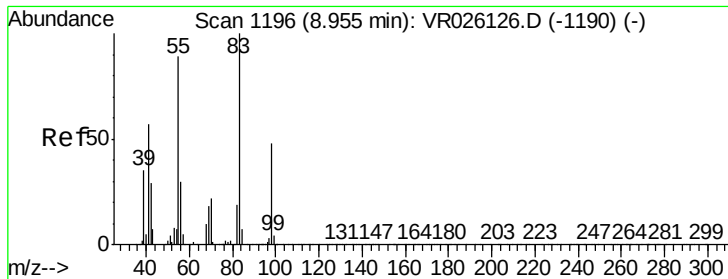
Tgt Ion: 83 Resp: 13008
Ion Ratio Lower Upper
83 100
85 79.8 43.5 80.7



#31
Carbon tetrachloride
Concen: 0.476 ug/L
RT: 7.63 min Scan# 979
Delta R.T. -0.00 min
Lab File: VR026133.D
Acq: 18 Oct 2018 14:35

Tgt Ion: 117 Resp: 26816
Ion Ratio Lower Upper
117 100
119 89.9 74.2 111.2

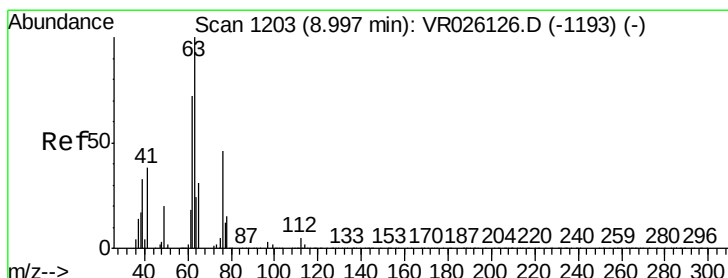
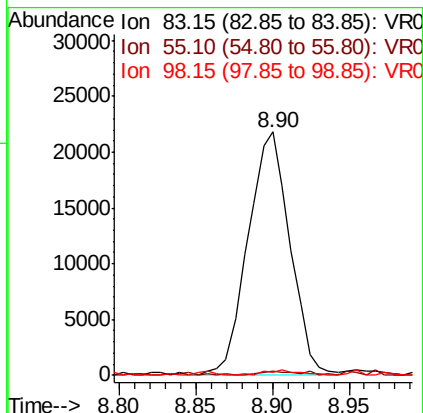
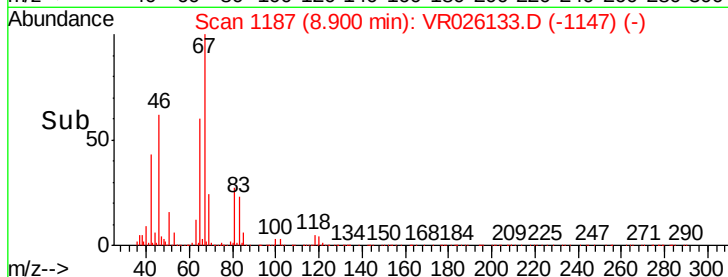
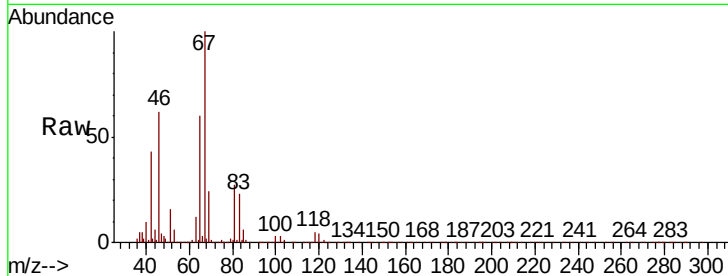




#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026133.D
Acq: 18 Oct 2018 14:35

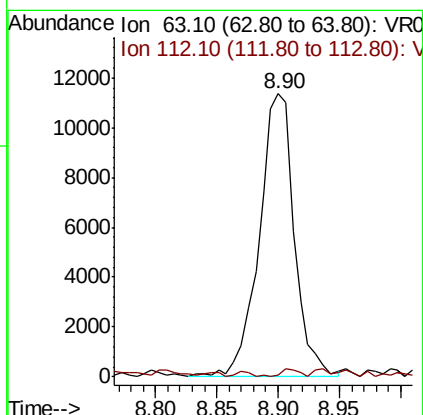
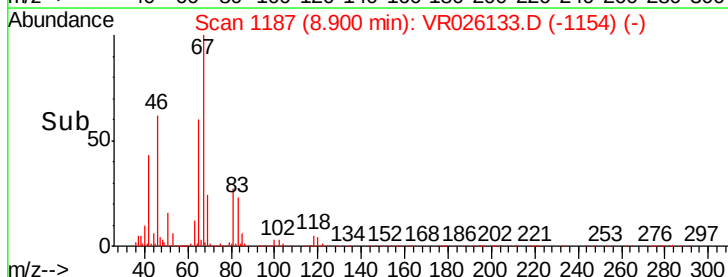
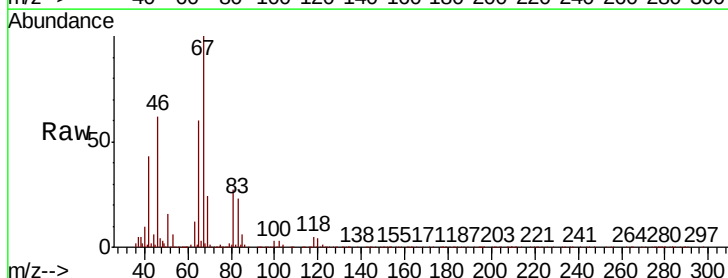
Instrument :
MSVOA_R
ClientSampleId :
C0JE2

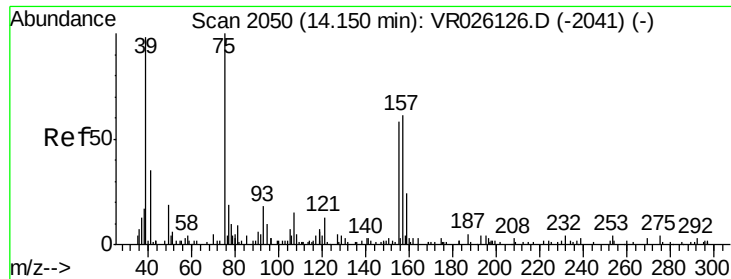
Tgt Ion: 83 Resp: 41412
Ion Ratio Lower Upper
83 100
55 1.6 66.8 100.2#
98 1.9 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026133.D
Acq: 18 Oct 2018 14:35

Tgt Ion: 63 Resp: 22620
Ion Ratio Lower Upper
63 100
112 1.3 2.7 4.1#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.258 ug/L
 RT: 14.15 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: VR026133.D
 Acq: 18 Oct 2018 14:35

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JE2

Tgt Ion: 75 Resp: 394
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.9 61.3#
 157 15.7 67.3 100.9#

