

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040419\
 Data File : VR026450.D
 Acq On : 4 Apr 2019 17:00
 Operator : SY/MD
 Sample : K2271-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Apr 05 07:23:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 05 07:16:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	469921	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	384843	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	113199	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	182839	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	2.62	69	151741	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	3.60	63	359190	3.89	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	6.58	46	168373	52.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.78%
24) Chloroform-d	7.20	84	332631	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	7.89	65	142930	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	7.85	84	606830	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	8.89	67	162387	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	9.97	98	533762	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	10.23	79	37882	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	10.59	63	127523	56.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59610	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	104556	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

Target Compounds

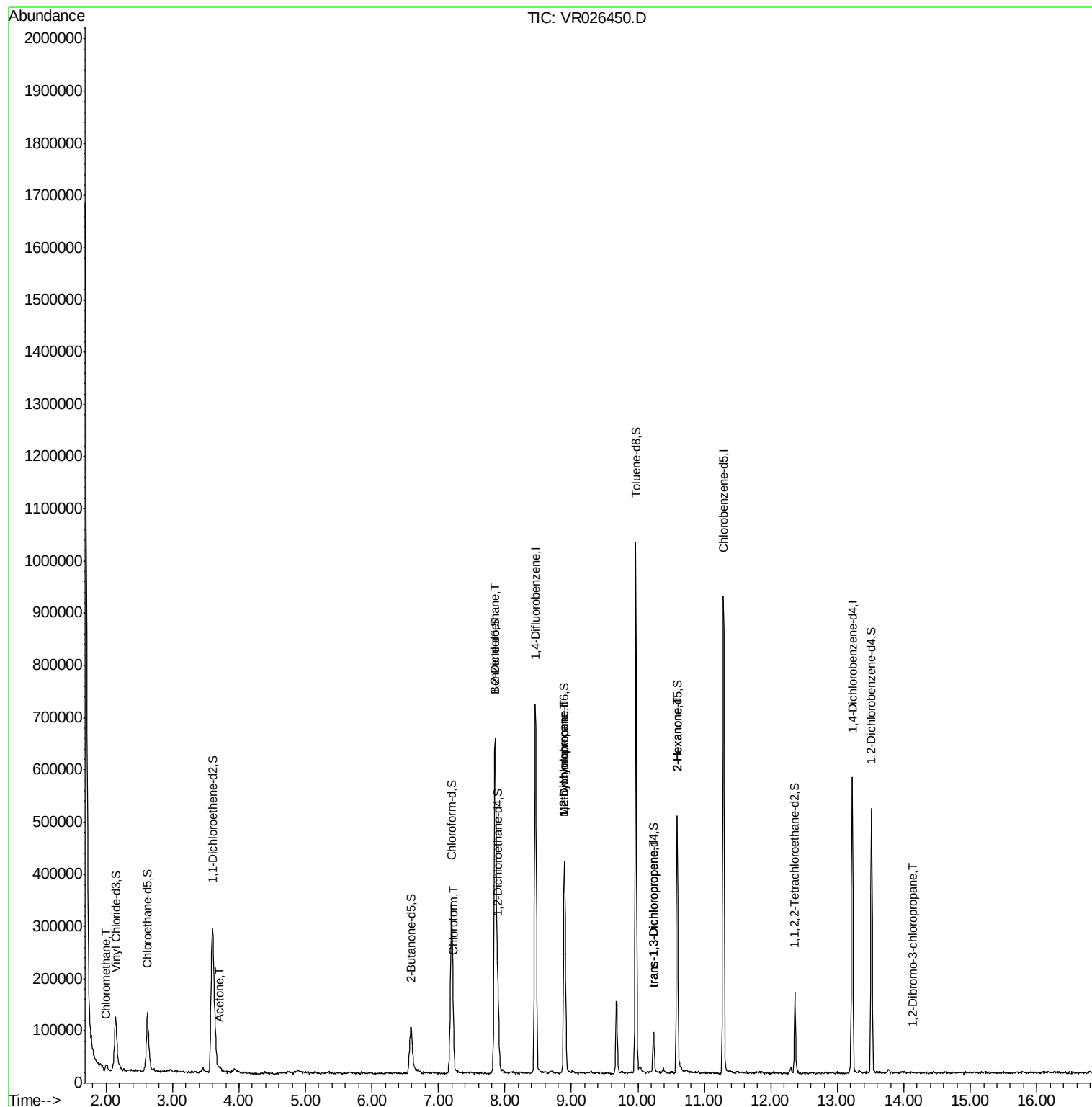
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.00	50	14653	0.288	ug/L	85
13) Acetone	3.70	43	11317	3.518	ug/L	87
25) Chloroform	7.23	83	12505	0.179	ug/L	92
27) 1,2-Dichloroethane	7.86	62	5282	0.152	ug/L	99
35) Methylcyclohexane	8.89	83	42320	0.737	ug/L #	13
37) 1,2-Dichloropropane	8.89	63	21359	0.648	ug/L #	91
44) trans-1,3-Dichloropropene	10.24	75	2710	0.104	ug/L	84
48) 2-Hexanone	10.59	43	22429	3.492	ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.14	75	219	0.189	ug/L #	67

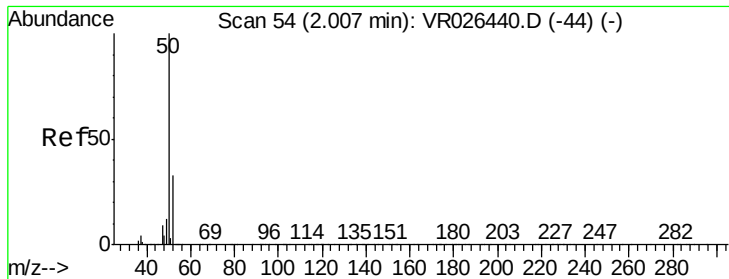
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.288 ug/L

RT: 2.00 min Scan# 53

Delta R.T. -0.01 min

Lab File: VR026450.D

Acq: 4 Apr 2019 17:00

Instrument :

MSVOA_R

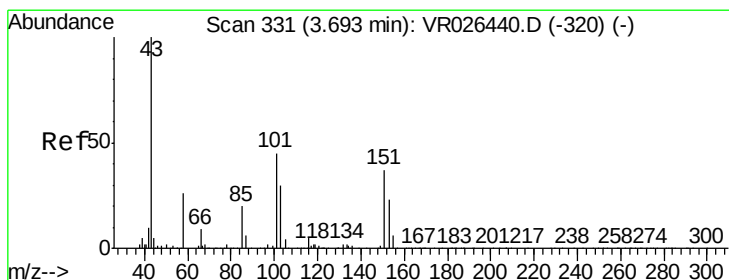
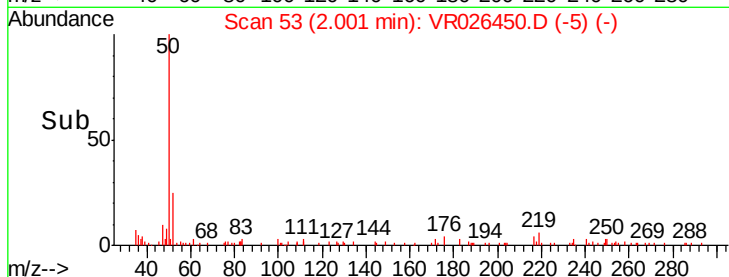
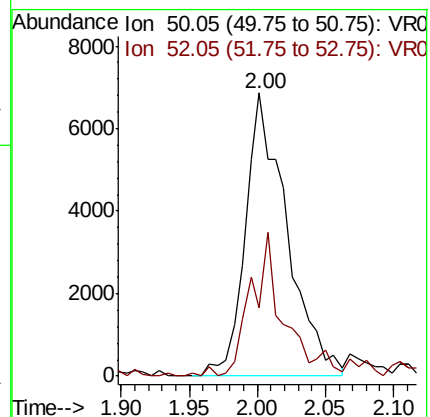
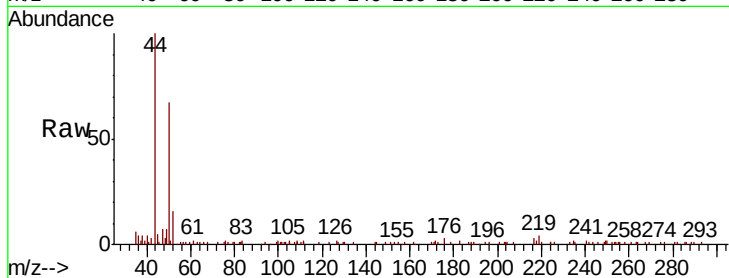
ClientSampleId :

Tot Ion: 50 Resp: 14653

Ion Ratio Lower Upper

50 100

52 24.1 22.5 41.9



#13

Acetone

Concen: 3.518 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026450.D

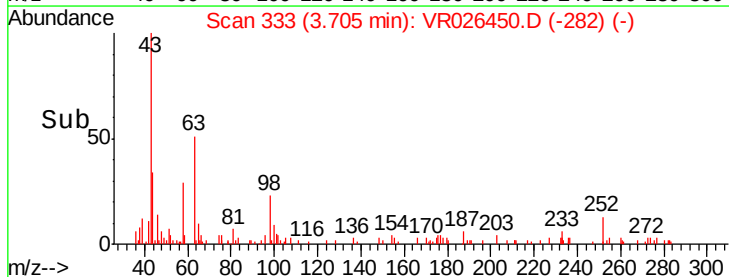
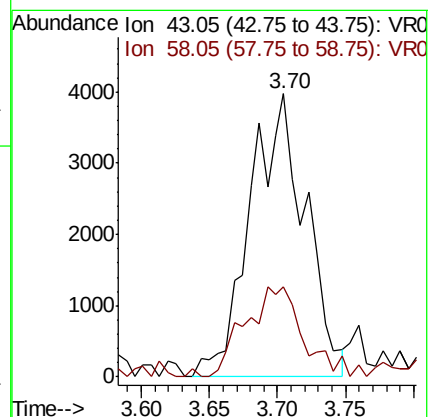
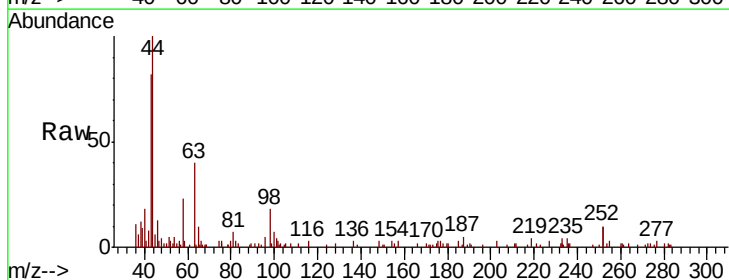
Acq: 4 Apr 2019 17:00

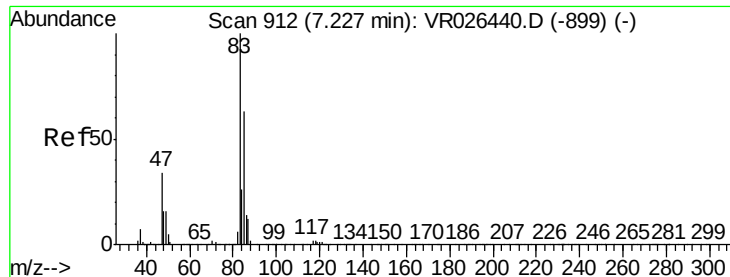
Tgt Ion: 43 Resp: 11317

Ion Ratio Lower Upper

43 100

58 33.5 0.0 53.8





#25

Chloroform

Concen: 0.179 ug/L

RT: 7.23 min Scan# 912

Delta R.T. -0.00 min

Lab File: VR026450.D

Acq: 4 Apr 2019 17:00

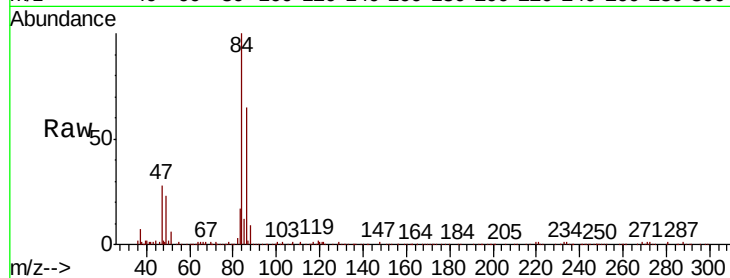
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 83 Resp: 12505

Ion Ratio Lower Upper

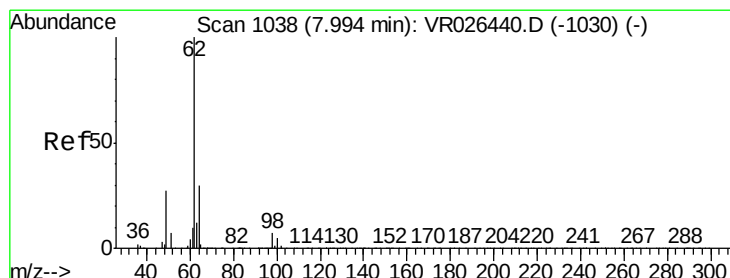
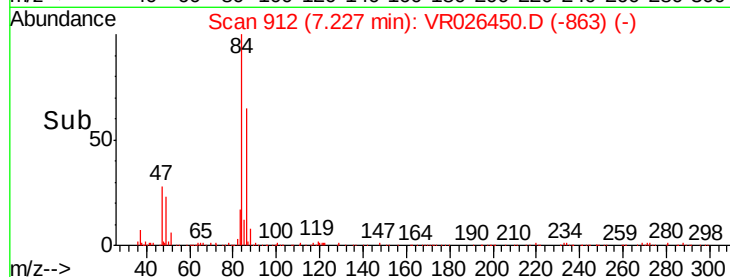
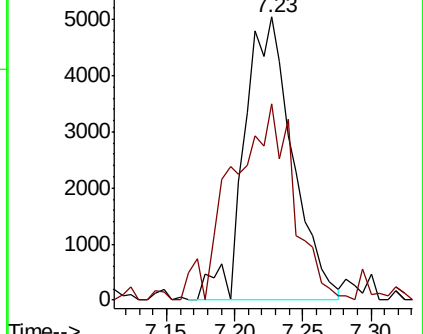
83 100

85 69.3 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0



#27

1,2-Dichloroethane

Concen: 0.152 ug/L

RT: 7.86 min Scan# 1016

Delta R.T. -0.13 min

Lab File: VR026450.D

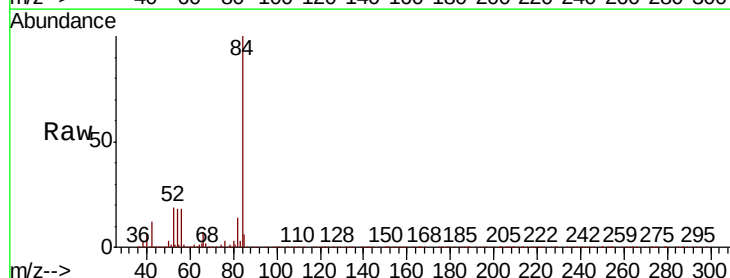
Acq: 4 Apr 2019 17:00

Tgt Ion: 62 Resp: 5282

Ion Ratio Lower Upper

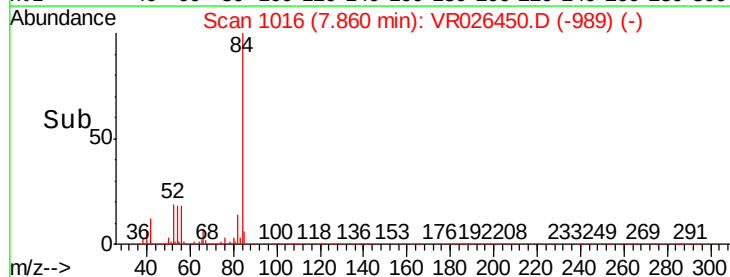
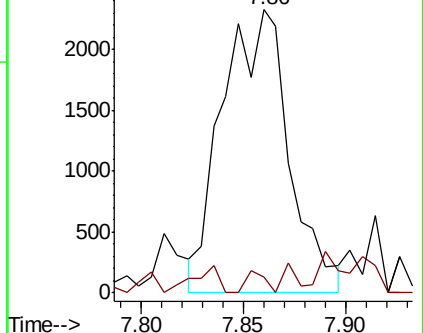
62 100

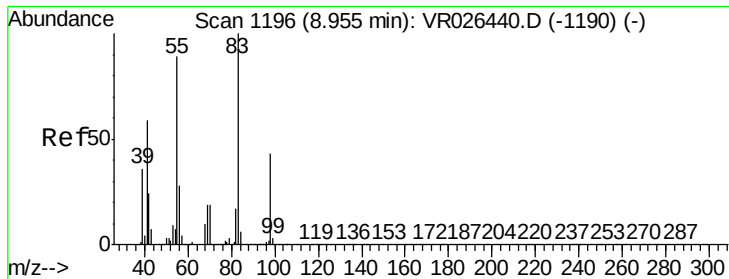
98 5.8 4.8 7.2



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0

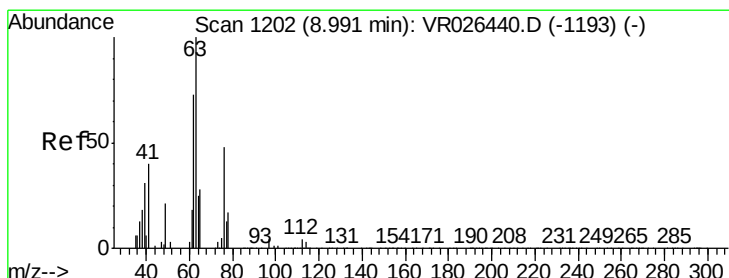
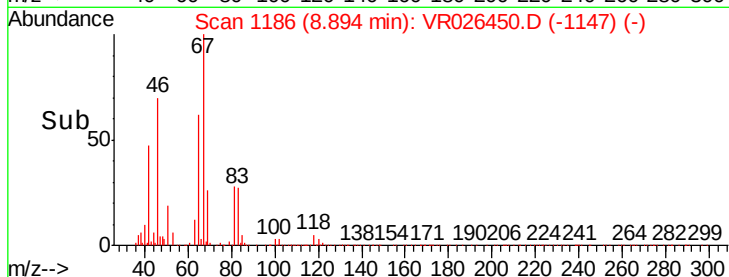
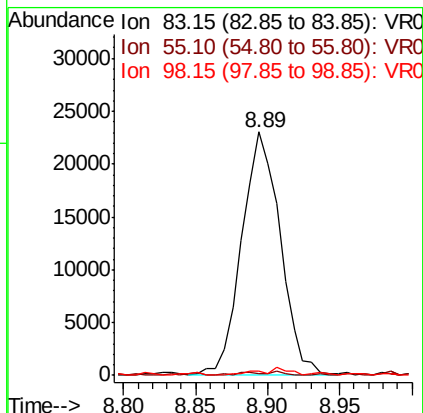
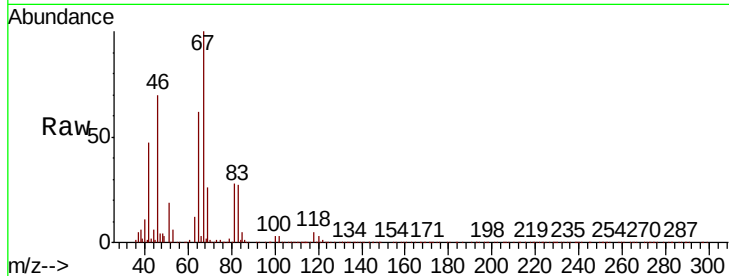




#35
Methylvlcyclohexane
Concen: 0.737 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026450.D
Acq: 4 Apr 2019 17:00

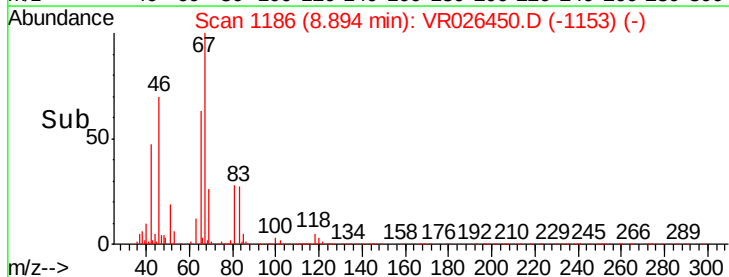
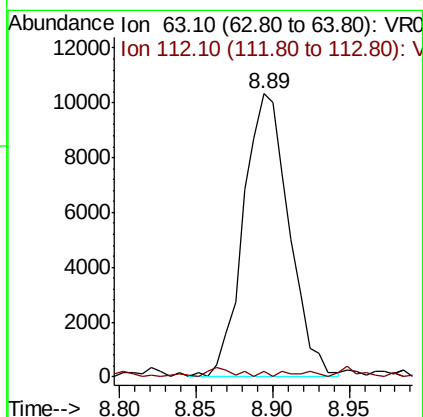
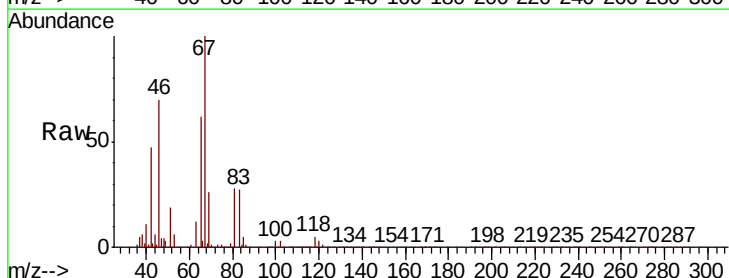
Instrument :
MSVOA_R
ClientSampleId :

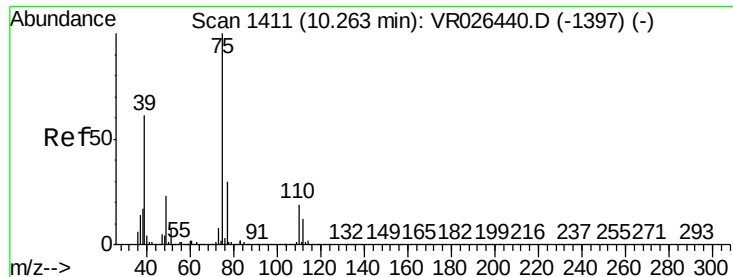
Tot Ion: 83 Resp: 42320
Ion Ratio Lower Upper
83 100
55 0.8 73.8 110.6#
98 0.0 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026450.D
Acq: 4 Apr 2019 17:00

Tgt Ion: 63 Resp: 21359
Ion Ratio Lower Upper
63 100
112 0.4 2.8 4.2#





#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026450.D

Acq: 4 Apr 2019 17:00

Instrument :

MSVOA_R

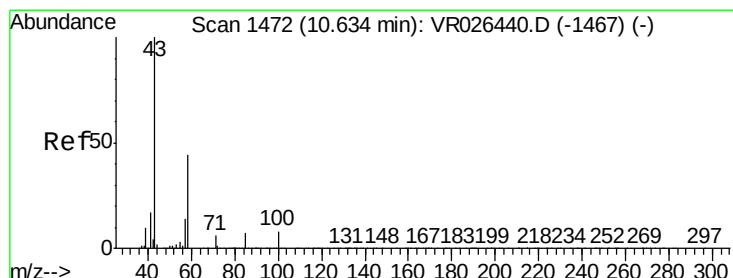
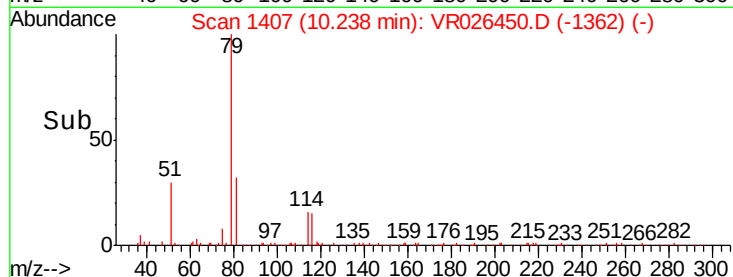
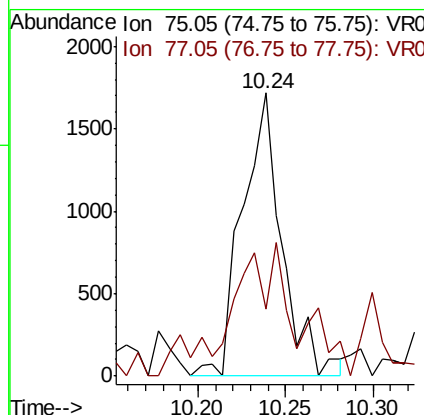
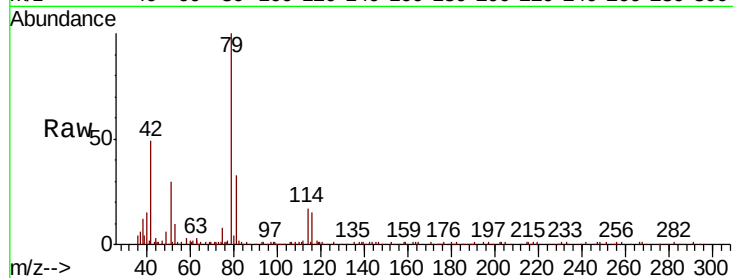
ClientSampleId :

Tot Ion: 75 Resp: 2710

Ion Ratio Lower Upper

75 100

77 23.7 22.7 42.1



#48

2-Hexanone

Concen: 3.492 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026450.D

Acq: 4 Apr 2019 17:00

Tgt Ion: 43 Resp: 22429

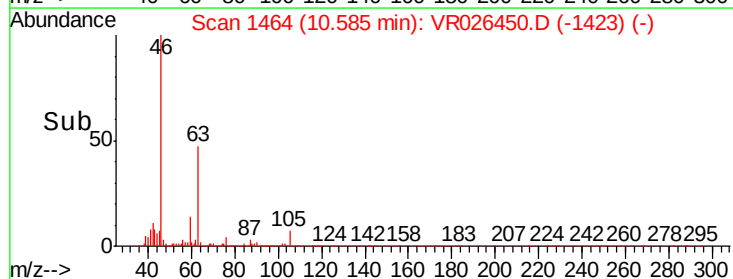
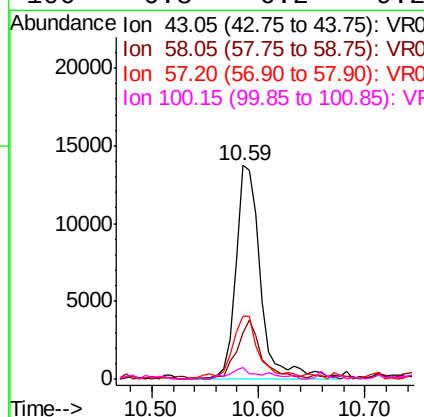
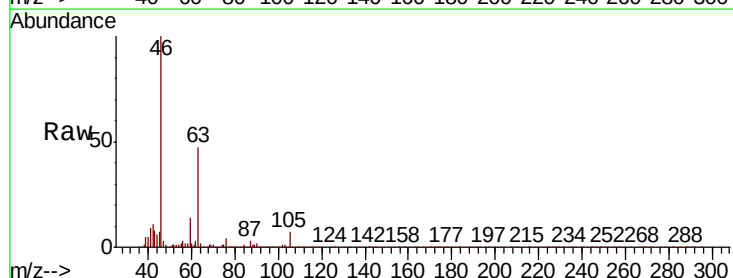
Ion Ratio Lower Upper

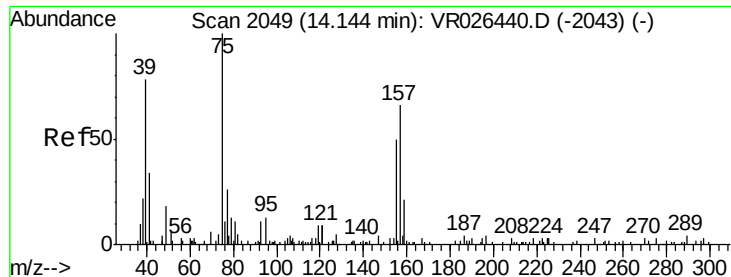
43 100

58 27.1 38.2 57.2#

57 32.4 13.8 20.6#

100 6.8 6.2 9.2





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.189 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR026450.D
 Acq: 4 Apr 2019 17:00

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 219
 Ion Ratio Lower Upper
 75 100
 155 38.3 36.1 54.1
 157 37.3 62.4 93.6#

