

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025963.D
 Acq On : 5 Oct 2018 19:52
 Operator : SY/MD
 Sample : VR105WBL02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 05:30:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 05:30:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	411171	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	345019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119525	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	166735	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	2.63	69	146306	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	3.62	63	307731	4.04	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	6.59	46	179478	49.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	7.20	84	257033	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	7.90	65	118253	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	7.85	84	517392	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	8.90	67	145767	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	9.97	98	486081	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	31185	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	10.59	63	132271	49.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	56206	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	90269	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

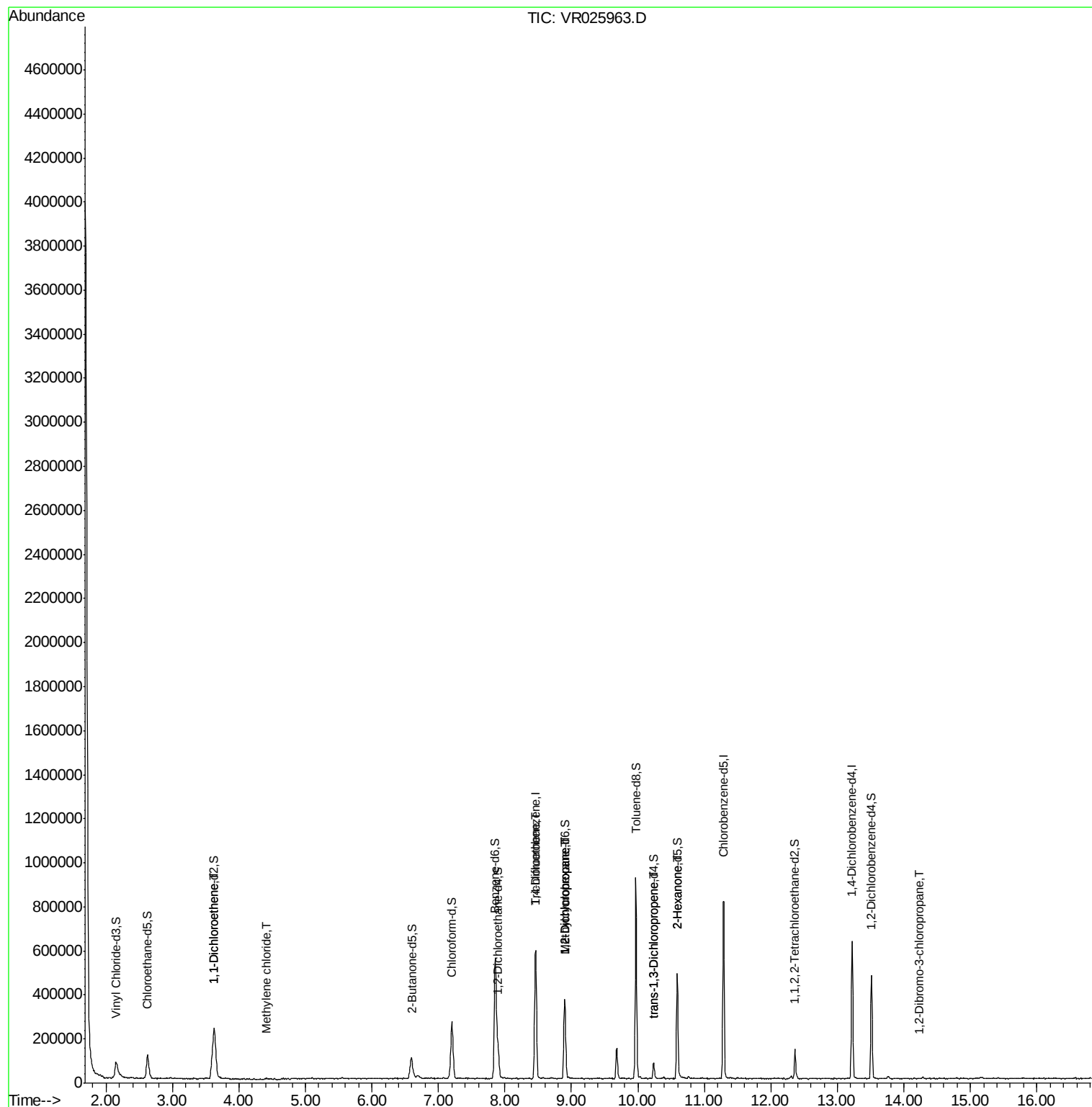
					Ovalue
12) 1,1-Dichloroethene	3.63	96	3402	0.110 ug/L #	1
16) Methylene chloride	4.41	84	4616	0.162 ug/L	92
34) Trichloroethene	8.46	95	15441	0.506 ug/L #	15
35) Methylcyclohexane	8.90	83	32682	0.713 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	18610	0.750 ug/L #	98
44) trans-1,3-Dichloropropene	10.24	75	2366	0.130 ug/L	96
48) 2-Hexanone	10.59	43	22411	3.921 ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.22	75	188	0.159 ug/L	91

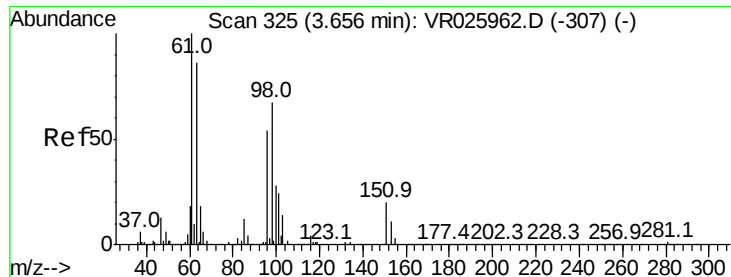
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 05:30:02 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.110 ug/L

RT: 3.63 min Scan# 321

Delta R.T. -0.02 min

Lab File: VR025963.D

Acq: 5 Oct 2018 19:52

Instrument :
MSVOA_R
ClientSampled :

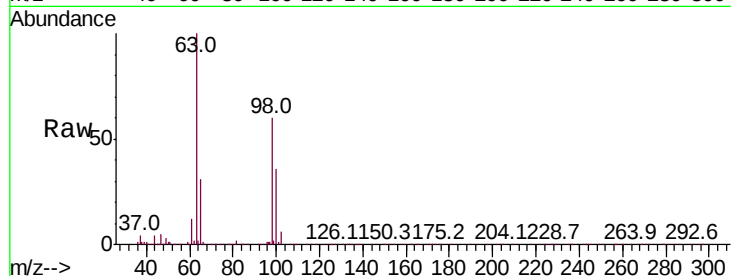
Tot Ion: 96 Resp: 3402

Ion Ratio Lower Upper

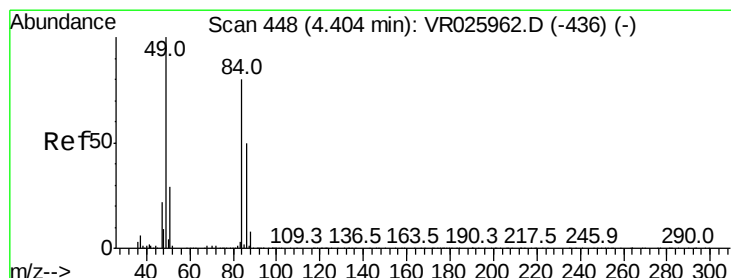
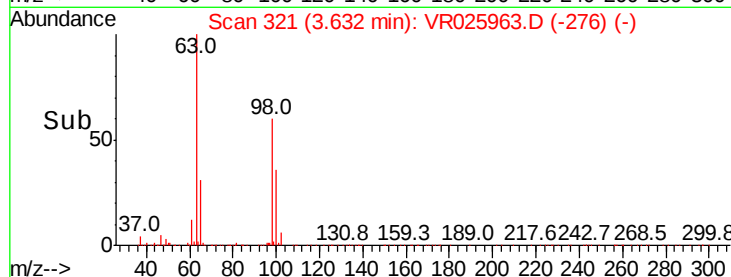
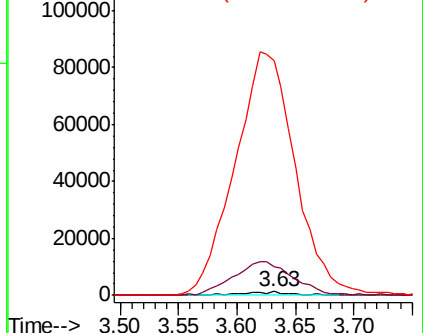
96 100

61 715.6 145.0 269.4#

63 5787.8 123.8 230.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 63.00 (62.70 to 63.70): VR0



#16

Methylene chloride

Concen: 0.162 ug/L

RT: 4.41 min Scan# 449

Delta R.T. 0.01 min

Lab File: VR025963.D

Acq: 5 Oct 2018 19:52

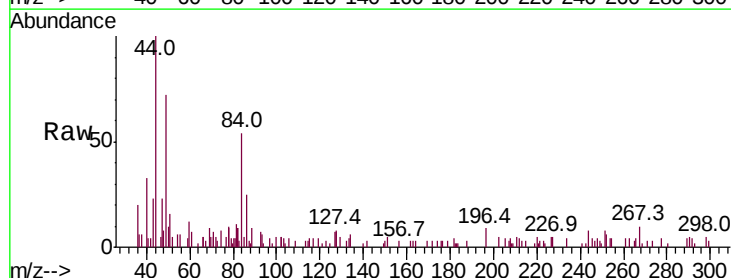
Tgt Ion: 84 Resp: 4616

Ion Ratio Lower Upper

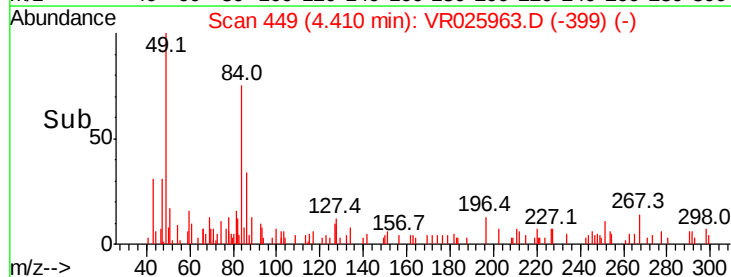
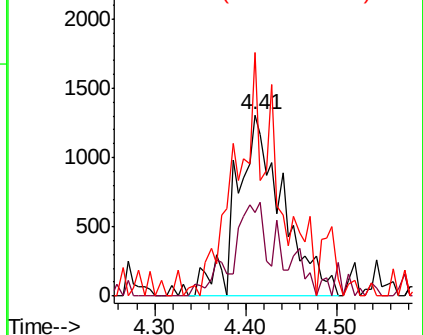
84 100

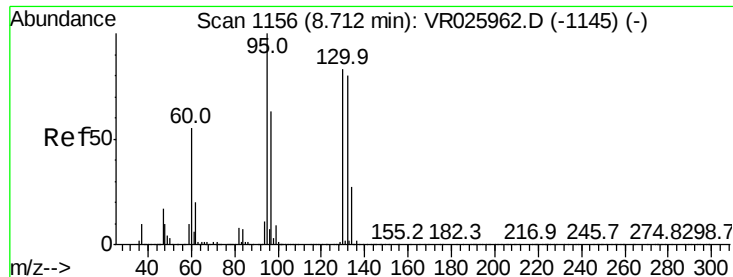
86 45.9 43.1 80.1

49 134.2 95.5 177.3



Abundance Ion 84.05 (83.75 to 84.75): VR0
Ion 86.00 (85.70 to 86.70): VR0
Ion 49.10 (48.80 to 49.80): VR0





#34

Trichloroethene

Concen: 0.506 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025963.D

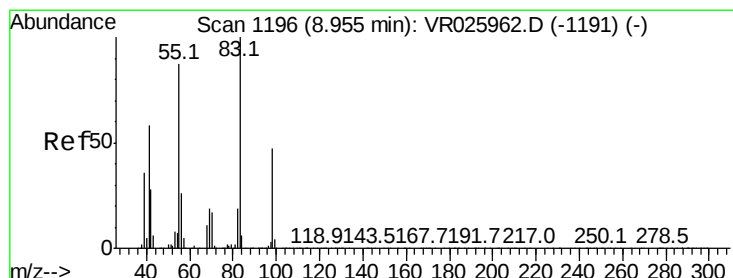
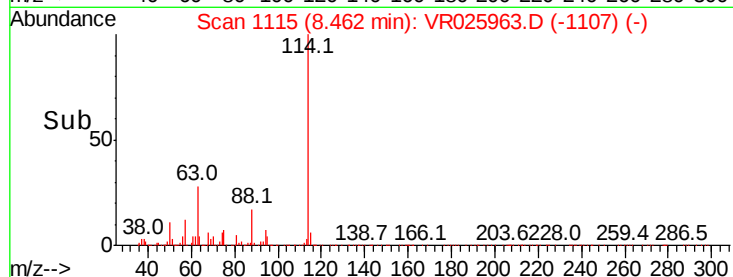
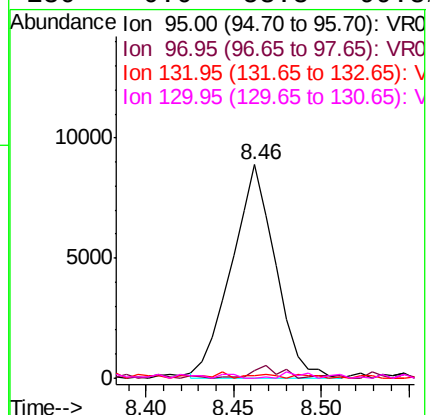
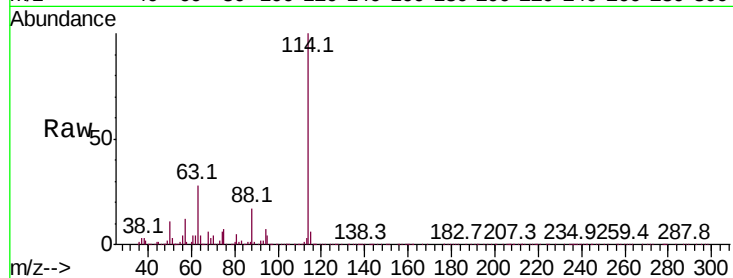
Acq: 5 Oct 2018 19:52

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion:	95	Resp:	15441
Ion Ratio	Lower	Upper	
95	100		
97	3.9	43.9	81.5#
132	1.3	53.3	98.9#
130	0.0	53.8	99.8#



#35

Methylcyclohexane

Concen: 0.713 ug/L

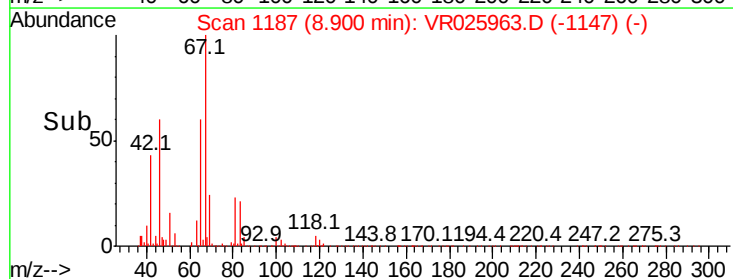
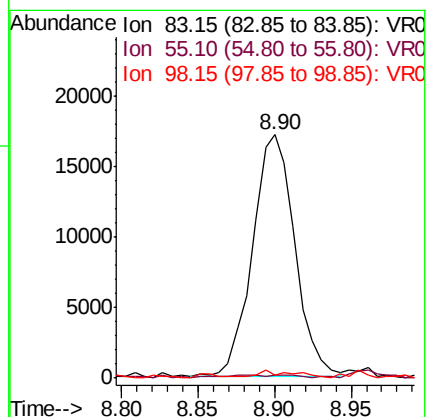
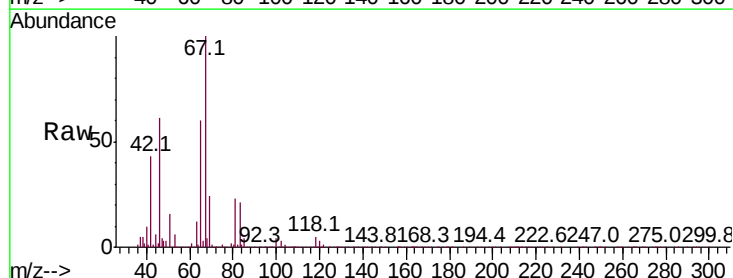
RT: 8.90 min Scan# 1187

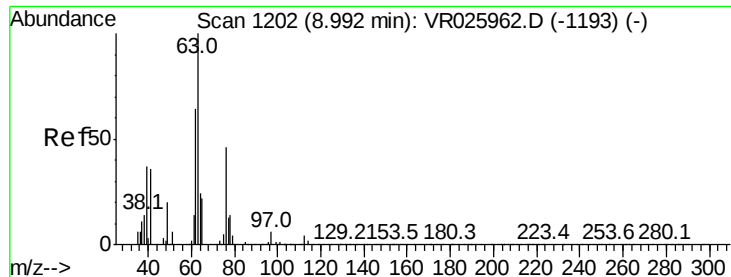
Delta R.T. -0.05 min

Lab File: VR025963.D

Acq: 5 Oct 2018 19:52

Tgt Ion:	83	Resp:	32682
Ion Ratio	Lower	Upper	
83	100		
55	0.9	71.8	107.6#
98	2.3	34.2	51.4#





#37

1,2-Dichloropropane

Concen: 0.750 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

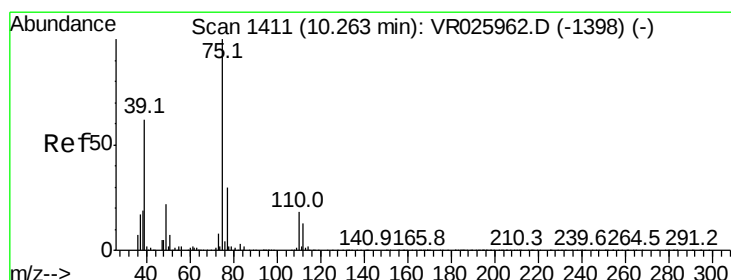
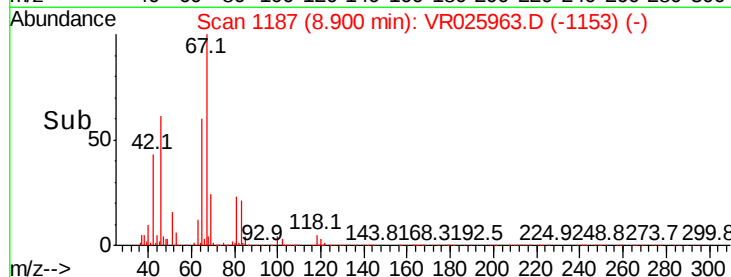
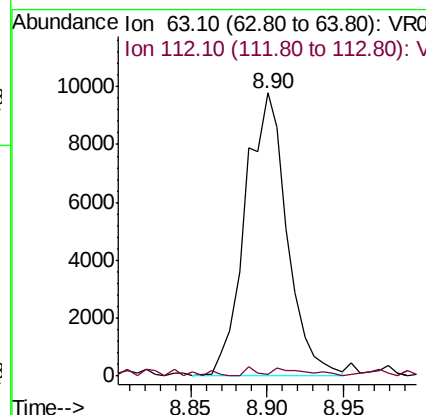
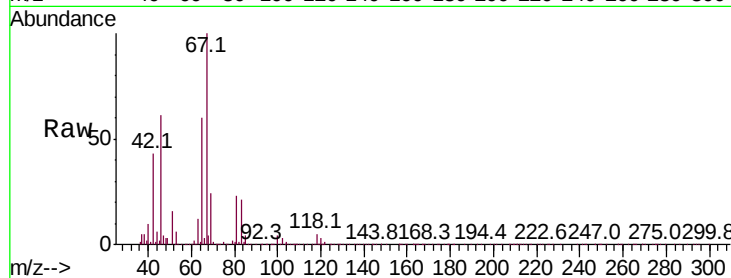
Lab File: VR025963.D

Acq: 5 Oct 2018 19:52

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 18610

Ion	Ratio	Lower	Upper
63	100		
112	2.3	2.5	3.7#



#44

trans-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 10.24 min Scan# 1407

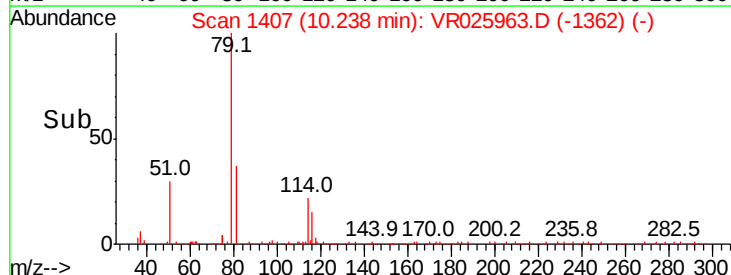
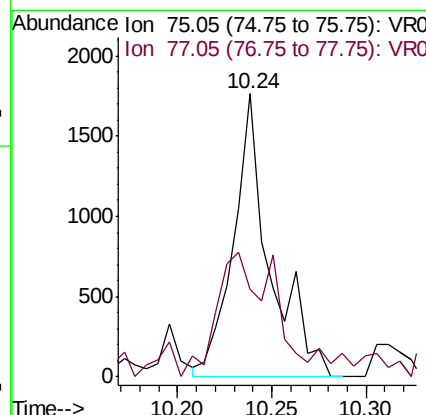
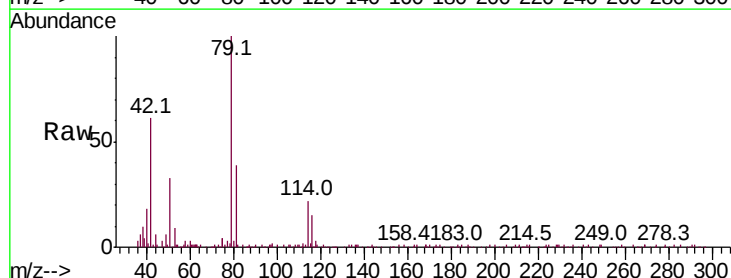
Delta R.T. -0.02 min

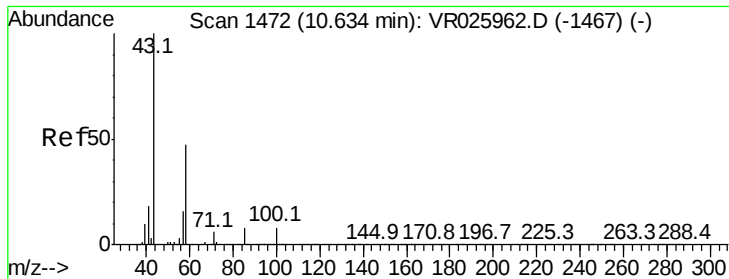
Lab File: VR025963.D

Acq: 5 Oct 2018 19:52

Tgt Ion: 75 Resp: 2366

Ion	Ratio	Lower	Upper
75	100		
77	30.9	23.0	42.8

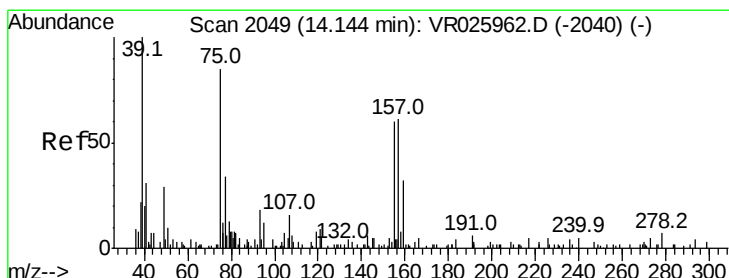
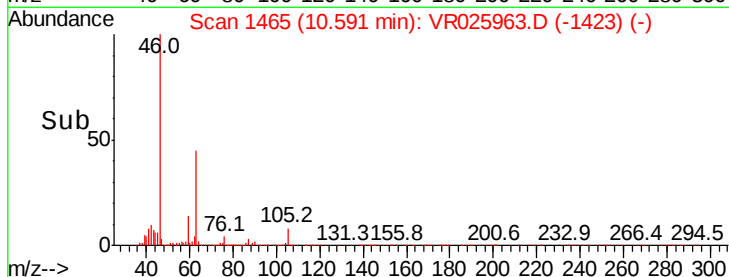
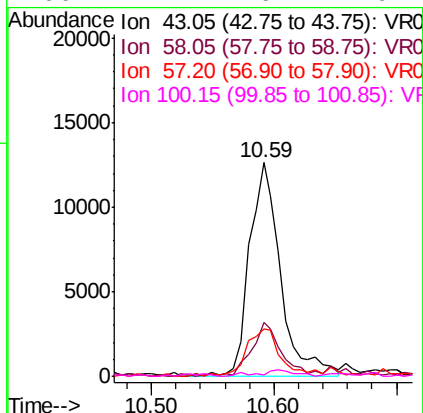
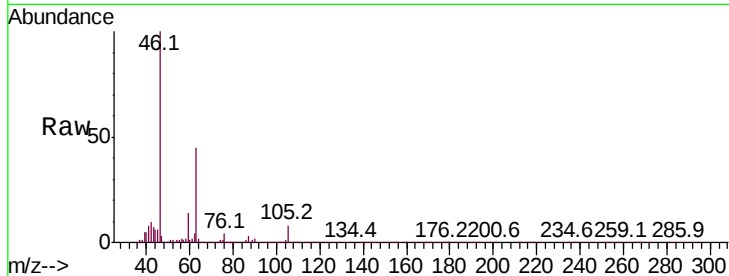




#48
2-Hexanone
Concen: 3.921 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025963.D
Acq: 5 Oct 2018 19:52

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 22411
Ion Ratio Lower Upper
43 100
58 24.0 39.5 59.3#
57 23.3 14.6 21.8#
100 2.4 6.7 10.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.159 ug/L
RT: 14.22 min Scan# 2062
Delta R.T. 0.08 min
Lab File: VR025963.D
Acq: 5 Oct 2018 19:52

Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
155 38.4 37.8 56.6
157 58.0 49.7 74.5

