

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025732.D
 Acq On : 14 Sep 2018 16:28
 Operator : SY/MD
 Sample : J4887-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KR5

Quant Time: Sep 15 03:30:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 03:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	667488	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	570303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	167584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	155314	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	2.62	69	131214	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	3.62	63	304064	3.83	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	6.59	46	114549	39.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.20%
24) Chloroform-d	7.20	84	298163	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	7.90	65	110668	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	7.85	84	707847	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	8.90	67	196106	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	9.97	98	648810	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	10.24	79	36250	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	10.59	63	132618	43.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.52%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79244	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	136763	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

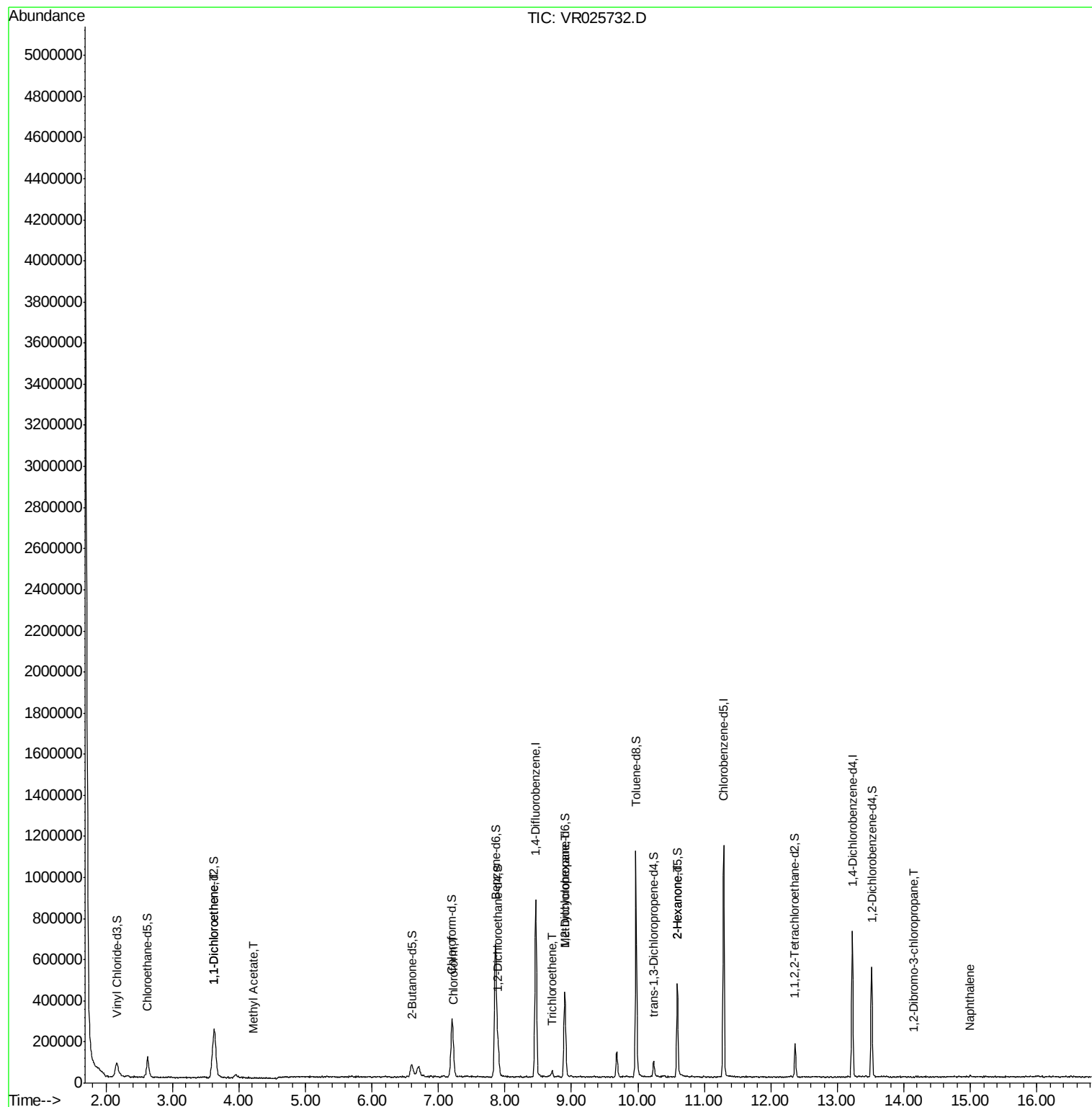
					Ovalue
12) 1,1-Dichloroethene	3.63	96	5568	0.13 ug/L #	1
15) Methyl Acetate	4.22	43	735	0.10 ug/L #	48
25) Chloroform	7.23	83	24678	0.33 ug/L	85
34) Trichloroethene	8.71	95	8883	0.18 ug/L	85
35) Methylcyclohexane	8.90	83	42049	0.55 ug/L #	23
48) 2-Hexanone	10.59	43	14500	1.83 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.15	75	302	0.23 ug/L #	15
69) Naphthalene	15.00	128	5409	0.25 ug/L #	82

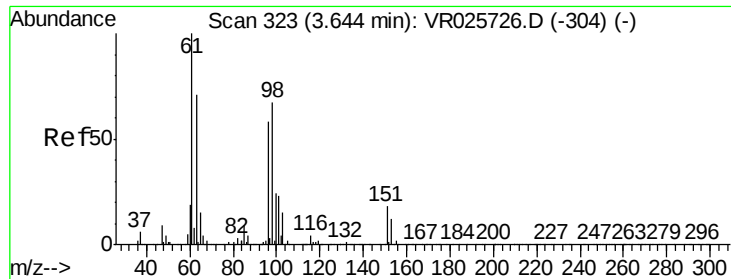
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 03:08:36 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.13 ug/L

RT: 3.63 min Scan# 321

Delta R.T. -0.01 min

Lab File: VR025732.D

Acq: 14 Sep 2018 16:28

Instrument :

MSVOA_R

ClientSampled :

C0KR5

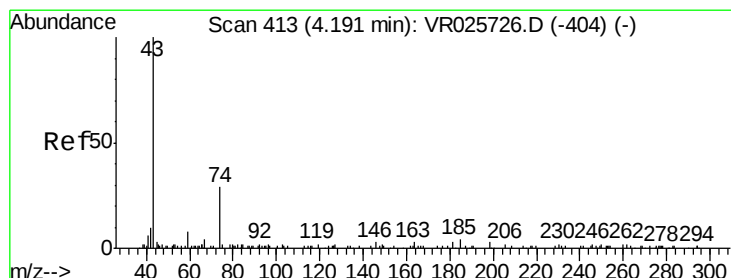
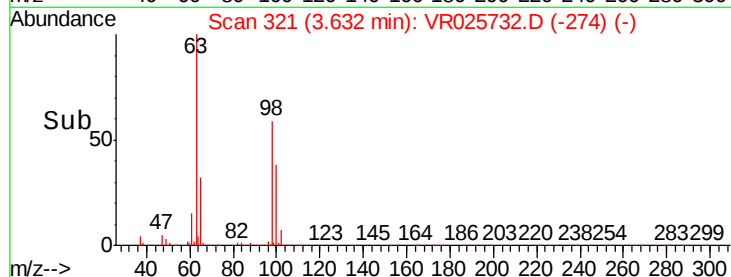
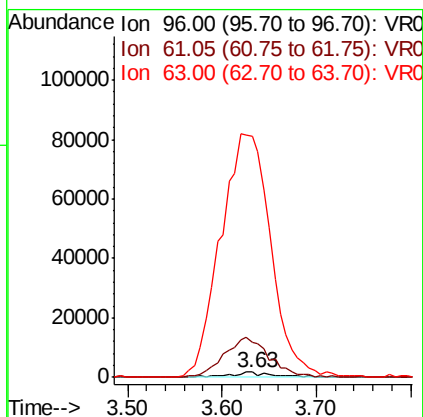
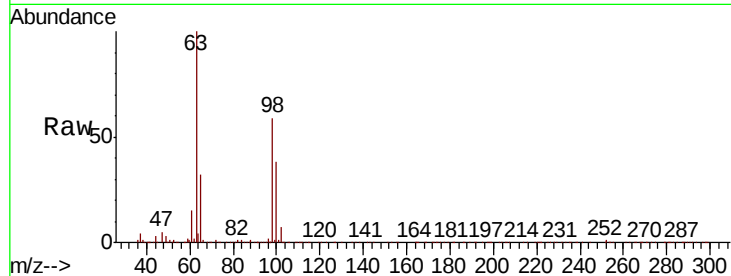
Tot Ion: 96 Resp: 5568

Ion Ratio Lower Upper

96 100

61 667.5 128.4 238.4#

63 4528.7 101.1 187.7#



#15

Methyl Acetate

Concen: 0.10 ug/L

RT: 4.22 min Scan# 417

Delta R.T. 0.02 min

Lab File: VR025732.D

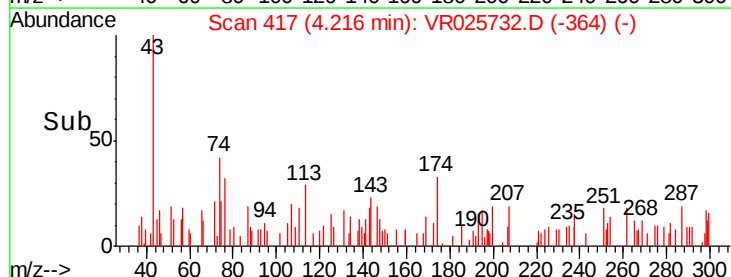
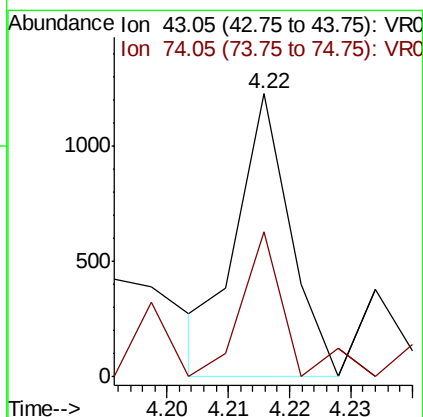
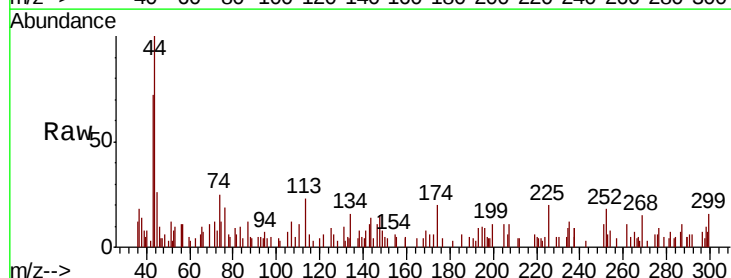
Acq: 14 Sep 2018 16:28

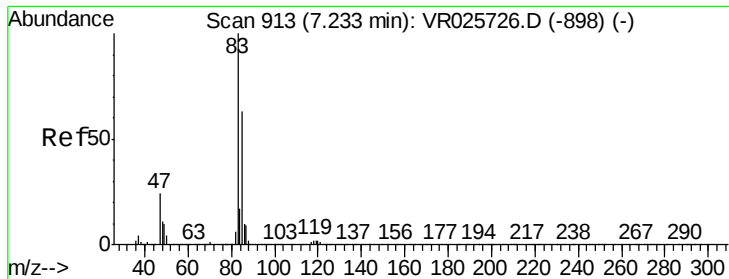
Tgt Ion: 43 Resp: 735

Ion Ratio Lower Upper

43 100

74 58.4 24.2 36.4#





#25

Chloroform

Concen: 0.33 ug/L

RT: 7.23 min Scan# 913

Delta R.T. -0.00 min

Lab File: VR025732.D

Acq: 14 Sep 2018 16:28

Instrument :

MSVOA_R

ClientSampleId :

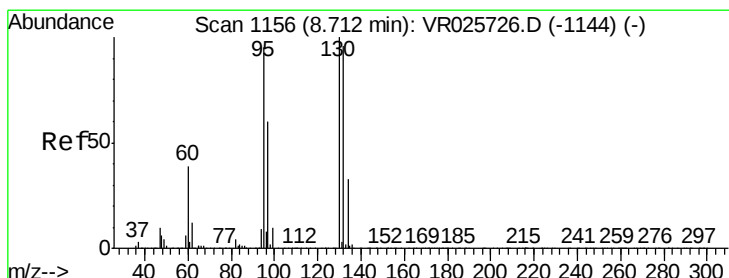
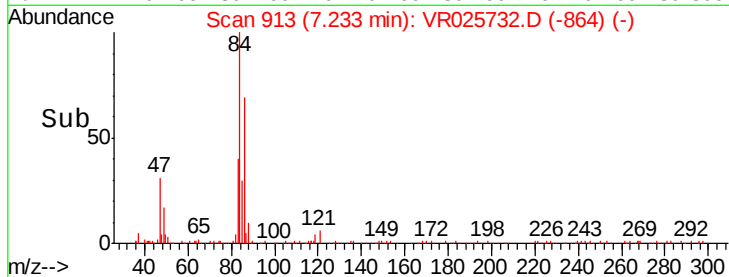
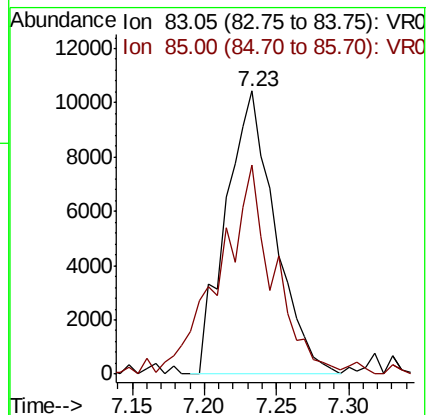
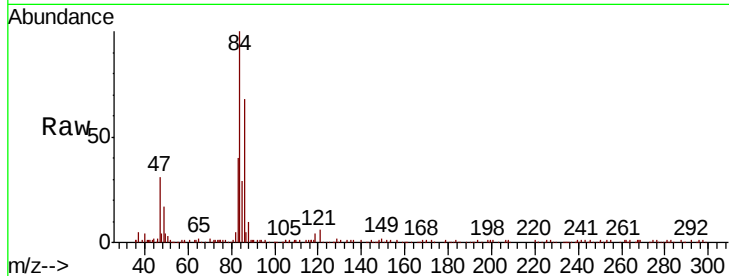
C0KR5

Tot Ion: 83 Resp: 24678

Ion Ratio Lower Upper

83 100

85 74.0 43.8 81.4



#34

Trichloroethene

Concen: 0.18 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR025732.D

Acq: 14 Sep 2018 16:28

Tgt Ion: 95 Resp: 8883

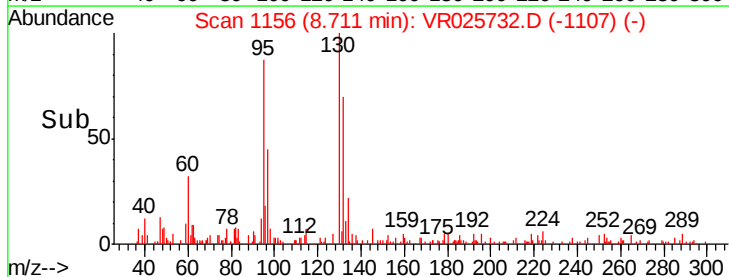
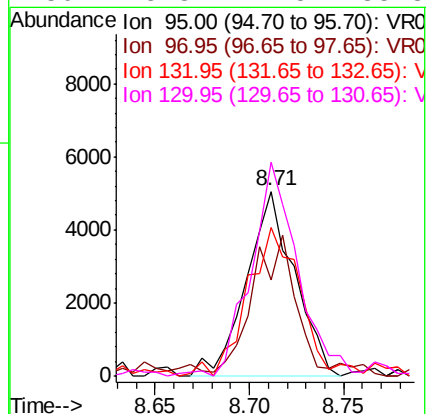
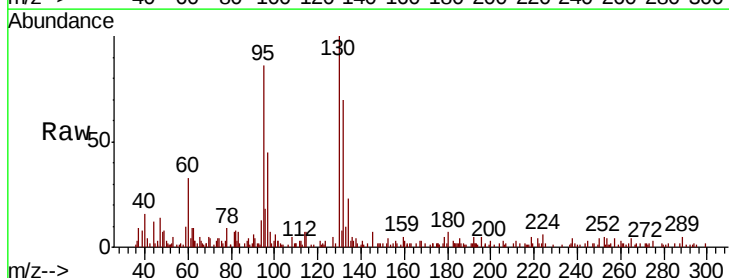
Ion Ratio Lower Upper

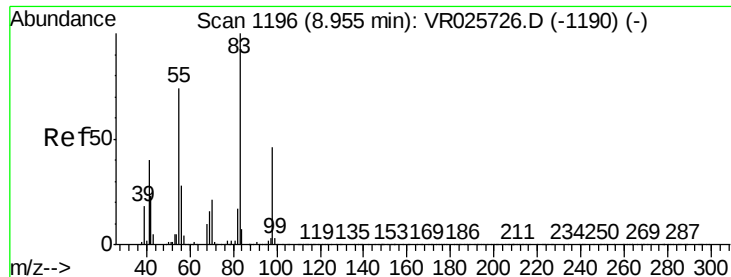
95 100

97 51.9 45.5 84.5

132 80.6 71.0 131.9

130 115.8 74.5 138.3

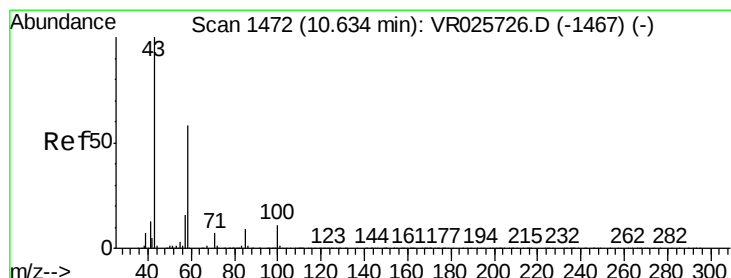
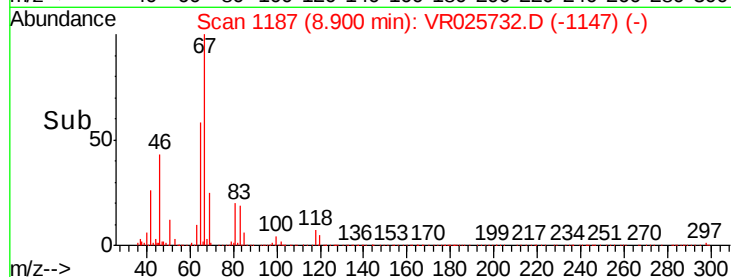
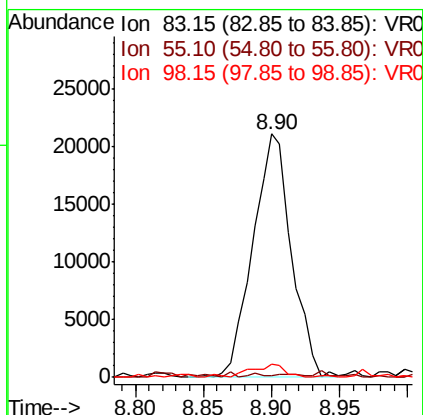
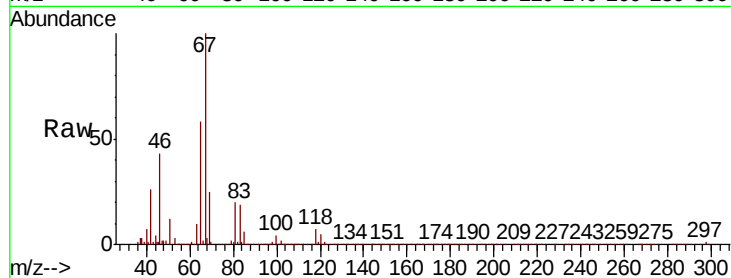




#35
Methylcyclohexane
Concen: 0.55 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025732.D
Acq: 14 Sep 2018 16:28

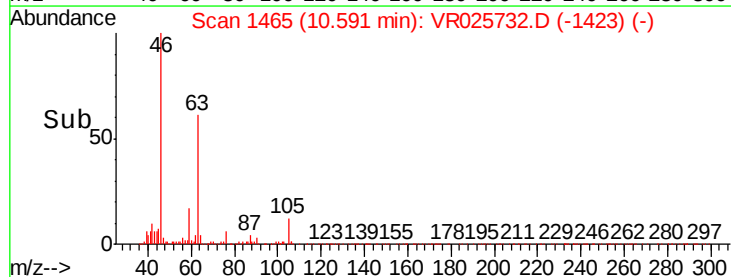
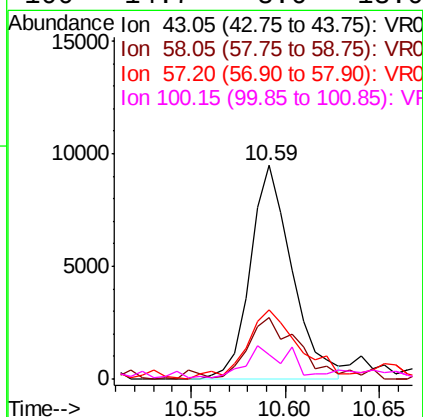
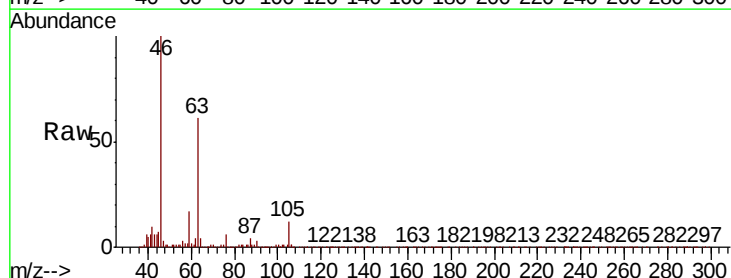
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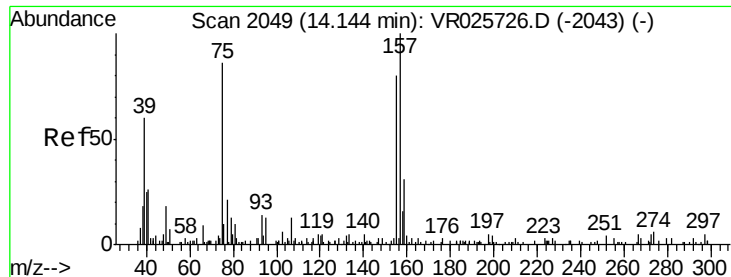
Tot Ion: 83 Resp: 42049
Ion Ratio Lower Upper
83 100
55 0.7 58.9 88.3#
98 4.9 36.9 55.3#



#48
2-Hexanone
Concen: 1.83 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025732.D
Acq: 14 Sep 2018 16:28

Tgt Ion: 43 Resp: 14500
Ion Ratio Lower Upper
43 100
58 36.5 45.8 68.8#
57 40.7 14.2 21.2#
100 14.7 8.6 13.0#

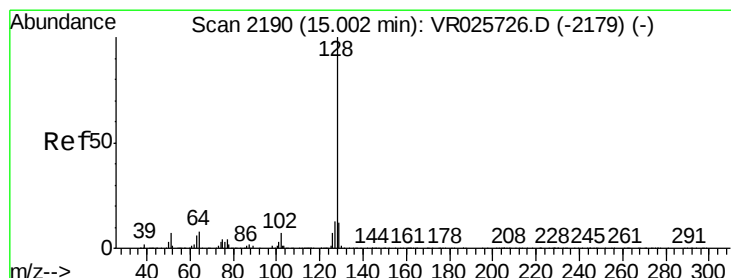
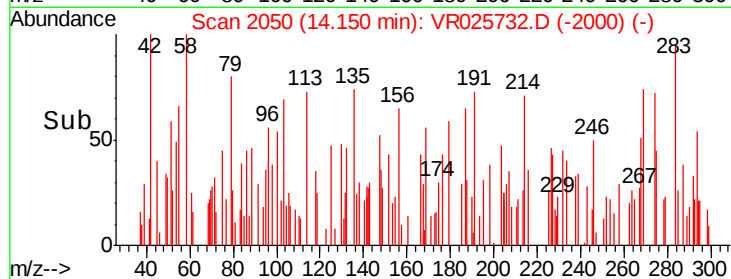
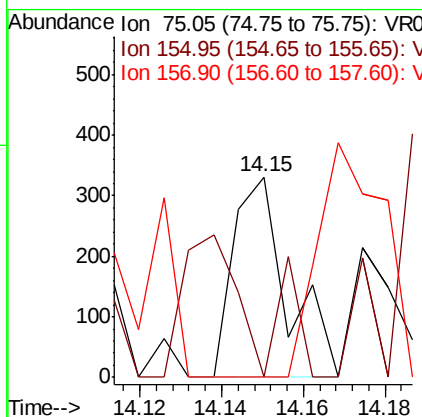
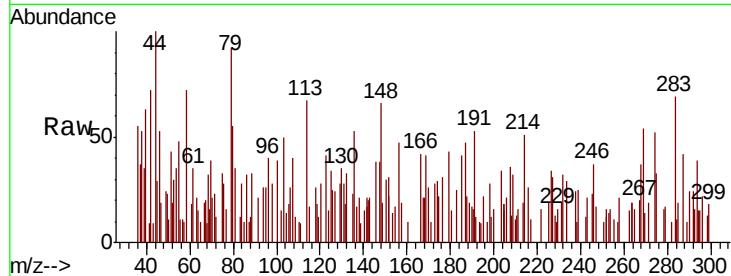




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.23 ug/L
 RT: 14.15 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: VR025732.D
 Acq: 14 Sep 2018 16:28

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KR5

Tot Ion: 75 Resp: 302
 Ion Ratio Lower Upper
 75 100
 155 0.0 79.3 118.9#
 157 31.1 81.4 122.2#



#69
 Naphthalene
 Concen: 0.25 ug/L
 RT: 15.00 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VR025732.D
 Acq: 14 Sep 2018 16:28

Tgt Ion: 128 Resp: 5409
 Ion Ratio Lower Upper
 128 100
 127 16.8 10.3 15.5#
 129 21.6 9.0 13.6#

