

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091818\
 Data File : VR025767.D
 Acq On : 18 Sep 2018 22:35
 Operator : SY/MD
 Sample : J4874-25MSD
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZB9MSD

Quant Time: Sep 19 09:15:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 16:10:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	756952	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	638555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	196612	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	151730	3.67	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	2.62	69	135892	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	3.63	63	426345	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	6.59	46	181923	55.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.28%
24) Chloroform-d	7.20	84	400086	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	7.90	65	144287	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.85	84	903211	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	8.90	67	261030	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	800491	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	10.23	79	50217	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	10.59	63	204627	59.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	111436	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	179125	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

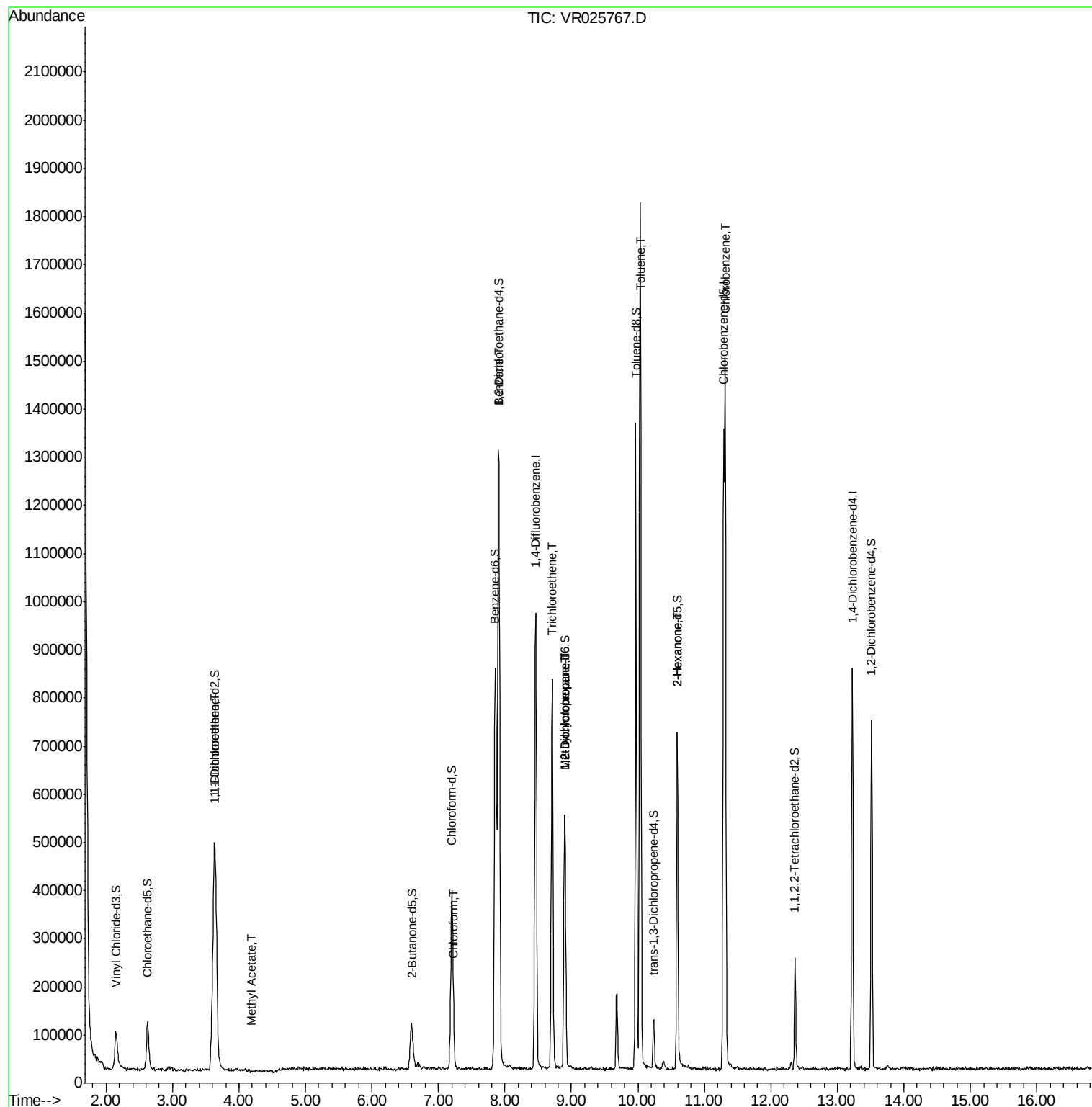
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.64	96	214657	4.423	ug/L	90
15) Methyl Acetate	4.19	43	879	0.111	ug/L	93
25) Chloroform	7.23	83	14945	0.166	ug/L	89
33) Benzene	7.91	78	1182055	4.991	ug/L	100
34) Trichloroethene	8.71	95	267204	4.759	ug/L	98
35) Methylcyclohexane	8.91	83	57851	0.654	ug/L #	21
37) 1,2-Dichloropropane	8.90	63	26278	0.502	ug/L #	91
42) Toluene	10.04	91	1244136	5.219	ug/L	96
48) 2-Hexanone	10.59	43	22340	2.403	ug/L #	65
51) Chlorobenzene	11.32	112	710656	4.848	ug/L	98

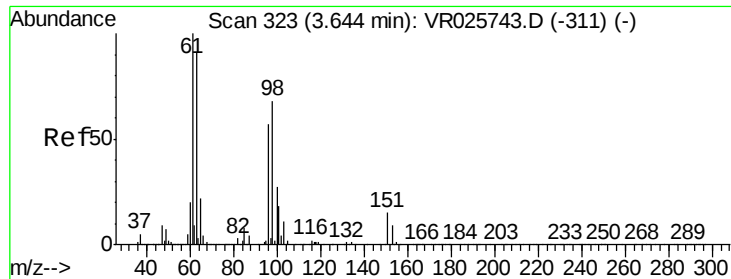
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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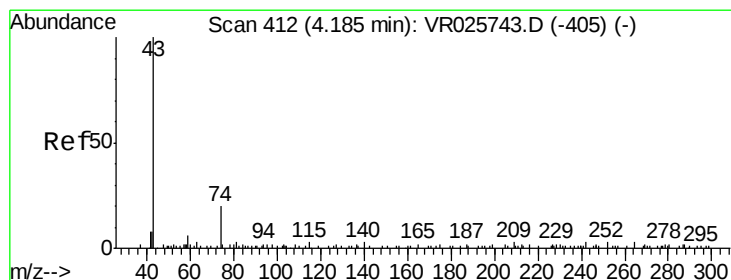
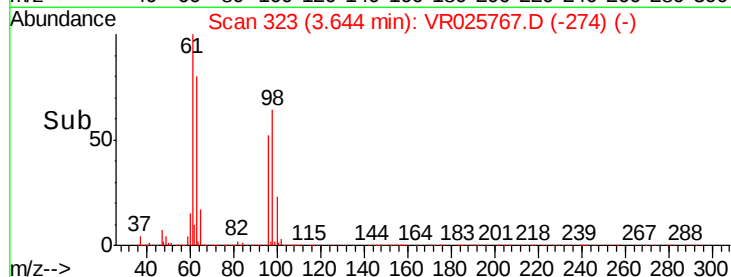
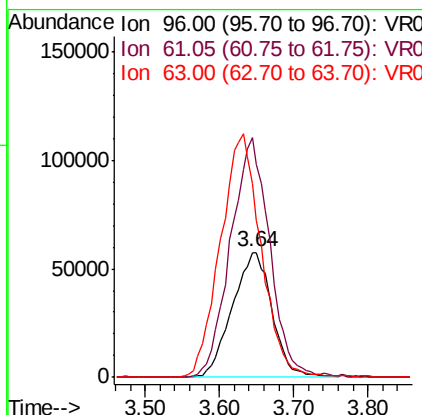
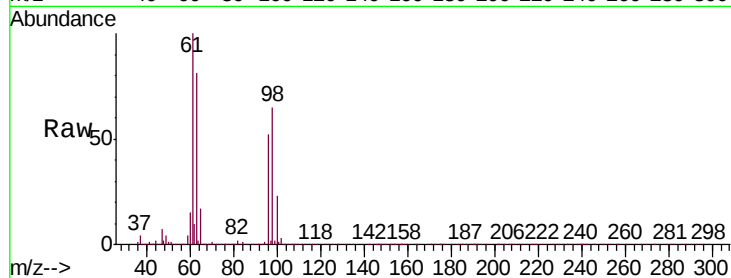




#12
 1,1-Dichloroethene
 Concen: 4.423 ug/L
 RT: 3.64 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VR025767.D
 Acq: 18 Sep 2018 22:35

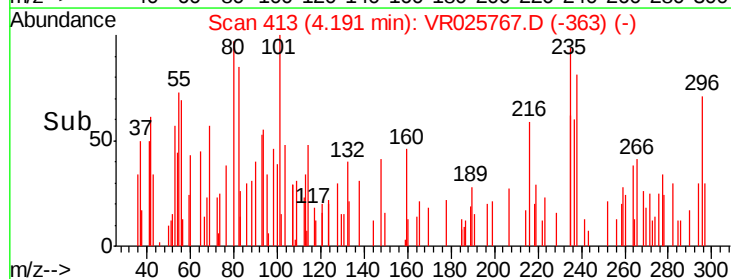
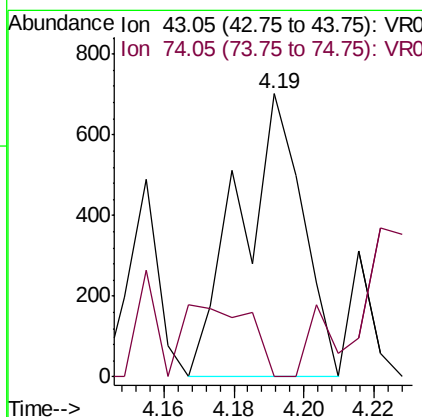
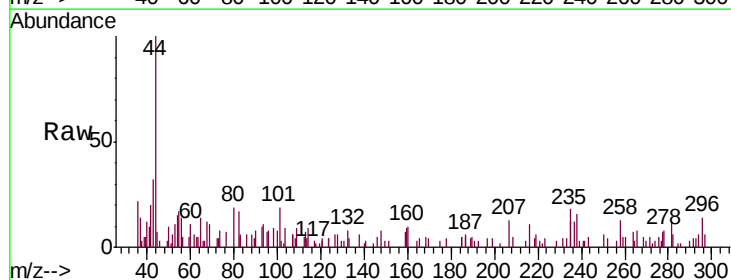
Instrument :
 MSVOA_R
 ClientSampleID :
 A3ZB9MSD

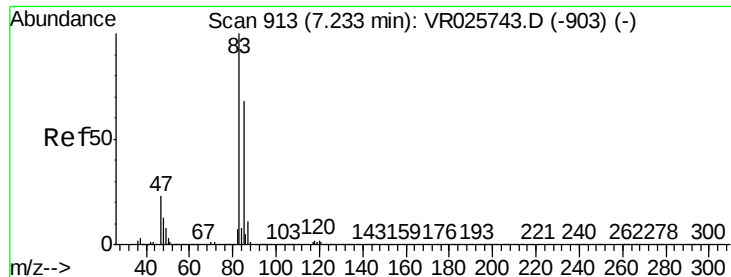
Tgt Ion	Ratio	Lower	Upper
96	100		
61	191.7	123.8	229.8
63	154.5	118.0	219.1



#15
 Methyl Acetate
 Concen: 0.111 ug/L
 RT: 4.19 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: VR025767.D
 Acq: 18 Sep 2018 22:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	24.8	37.2

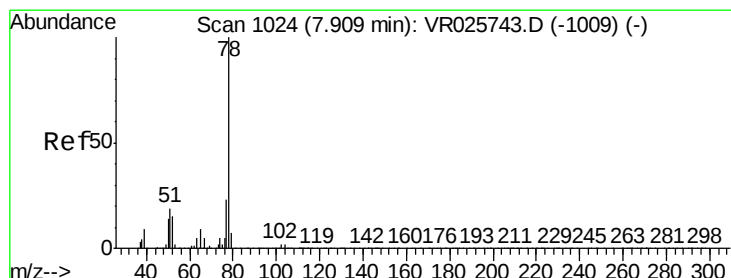
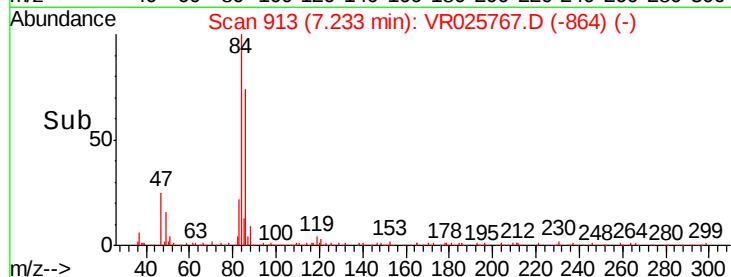
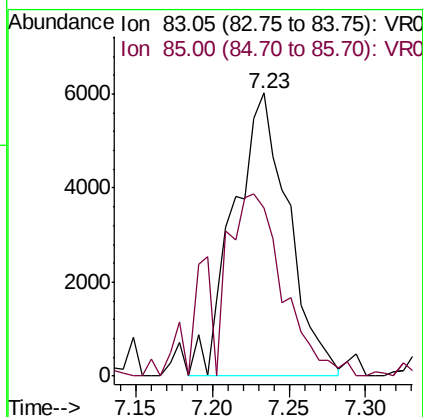
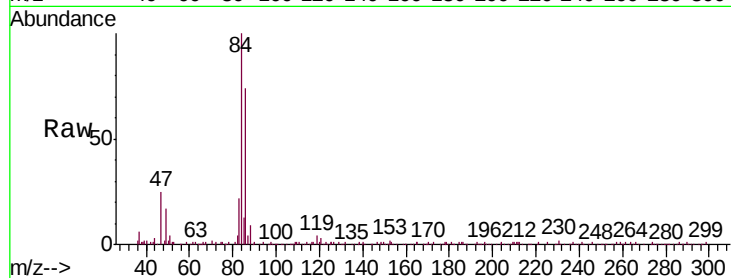




#25
Chloroform
Concen: 0.166 ug/L
RT: 7.23 min Scan# 913
Delta R.T. -0.00 min
Lab File: VR025767.D
Acq: 18 Sep 2018 22:35

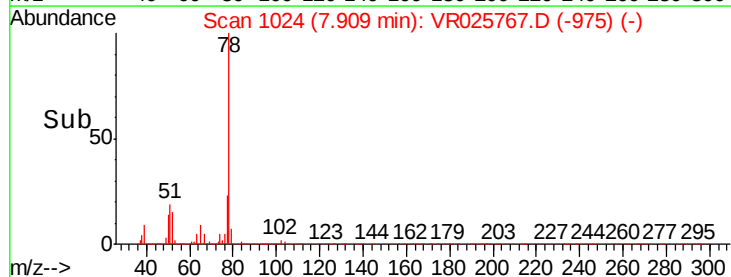
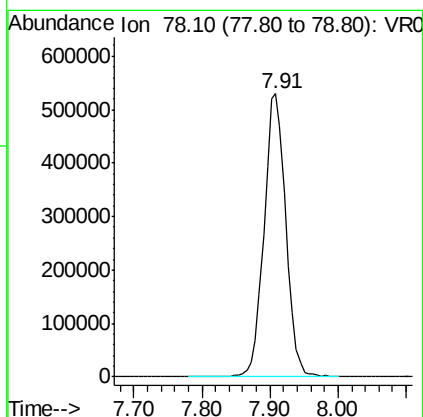
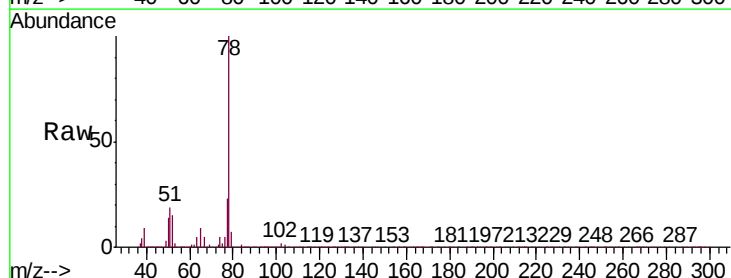
Instrument :
MSVOA_R
ClientSampleId :
A3ZB9MSD

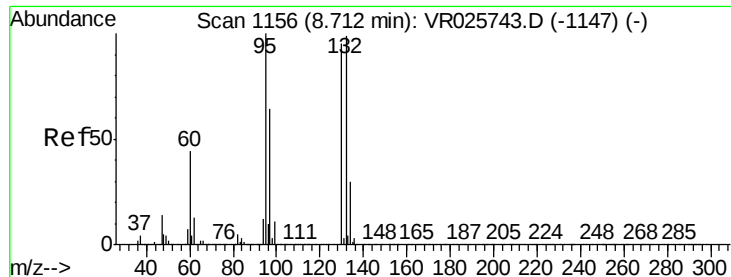
Tgt Ion: 83 Resp: 14945
Ion Ratio Lower Upper
83 100
85 59.4 47.7 88.7



#33
Benzene
Concen: 4.991 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: VR025767.D
Acq: 18 Sep 2018 22:35

Tgt Ion: 78 Resp: 1182055





#34

Trichloroethene

Concen: 4.759 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR025767.D

Acq: 18 Sep 2018 22:35

Instrument :

MSVOA_R

ClientSampleId :

A3ZB9MSD

Tgt Ion: 95 Resp: 267204

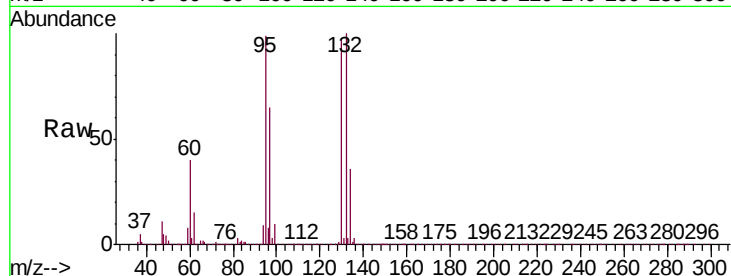
Ion Ratio Lower Upper

95 100

97 65.1 44.9 83.5

132 100.7 69.2 128.6

130 97.4 66.4 123.4

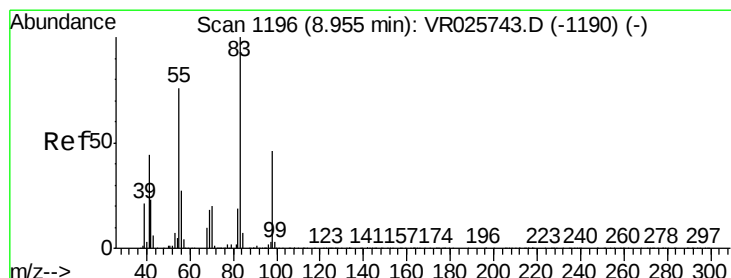
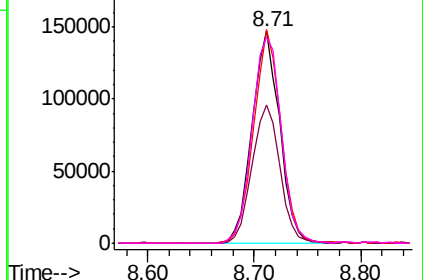
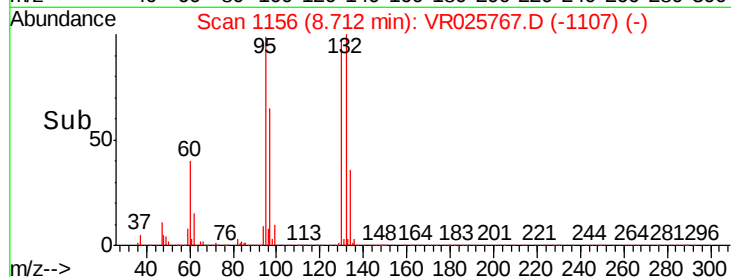


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 8.91 min Scan# 1188

Delta R.T. -0.05 min

Lab File: VR025767.D

Acq: 18 Sep 2018 22:35

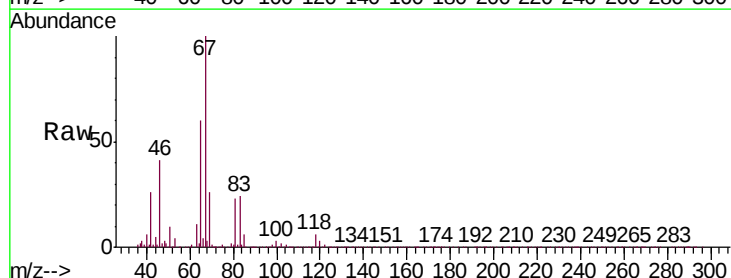
Tgt Ion: 83 Resp: 57851

Ion Ratio Lower Upper

83 100

55 1.1 60.2 90.4#

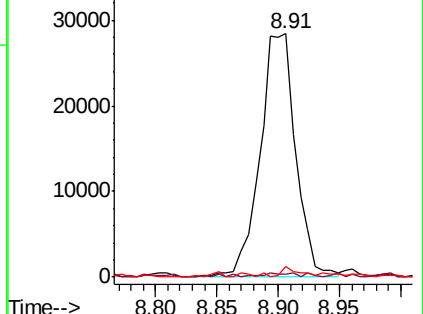
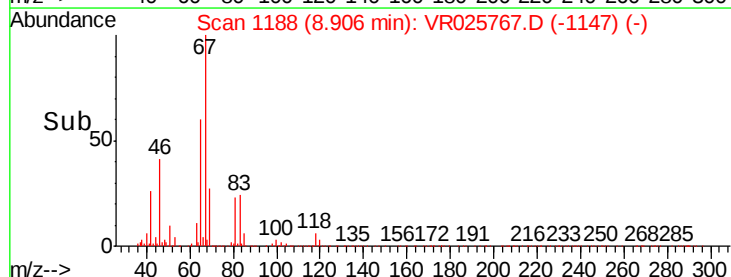
98 2.1 36.2 54.4#

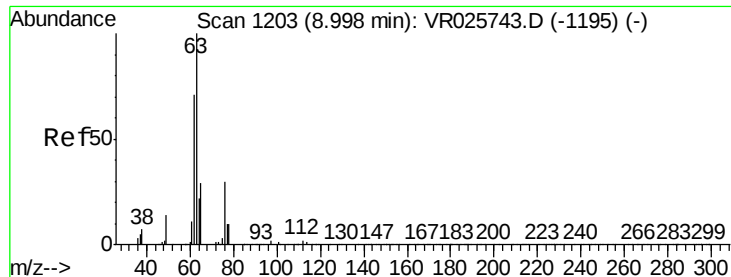


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025767.D

Acq: 18 Sep 2018 22:35

Instrument :

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ClientSampleId :

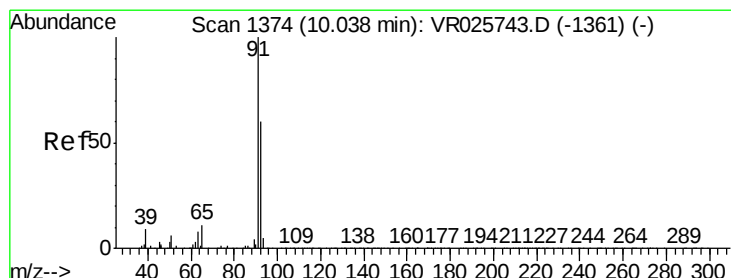
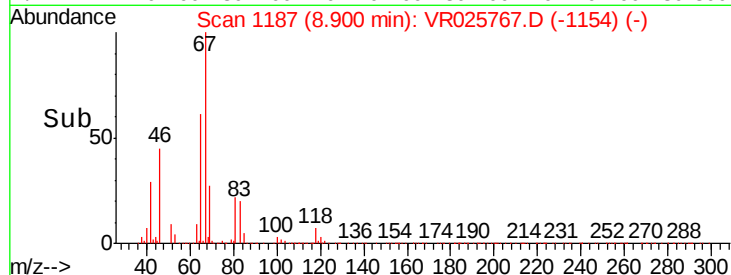
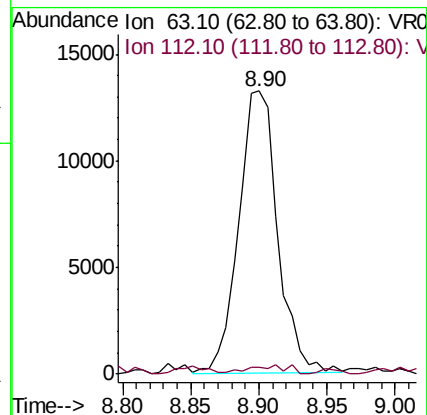
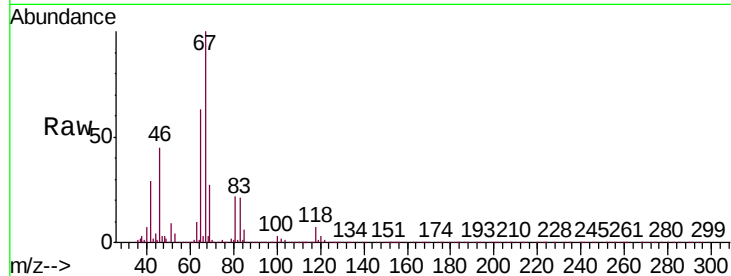
A3ZB9MSD

Tgt Ion: 63 Resp: 26278

Ion Ratio Lower Upper

63 100

112 1.3 3.3 4.9#



#42

Toluene

Concen: 5.219 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. -0.00 min

Lab File: VR025767.D

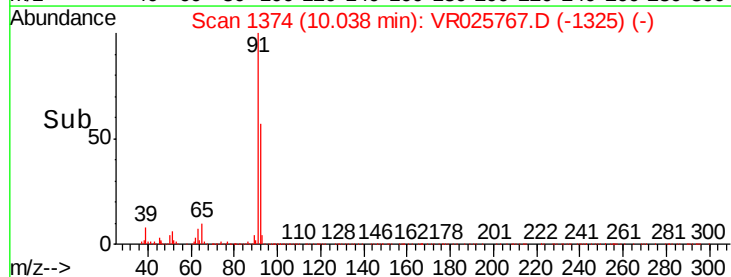
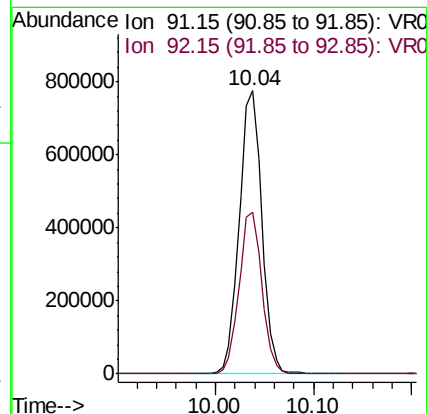
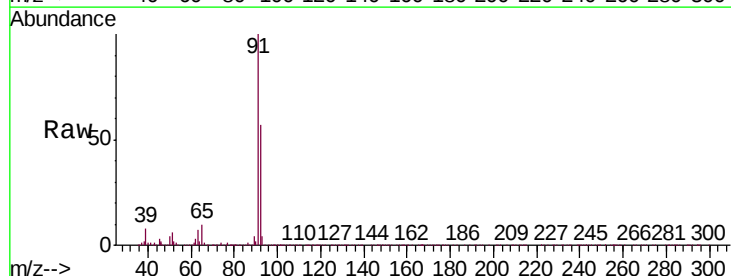
Acq: 18 Sep 2018 22:35

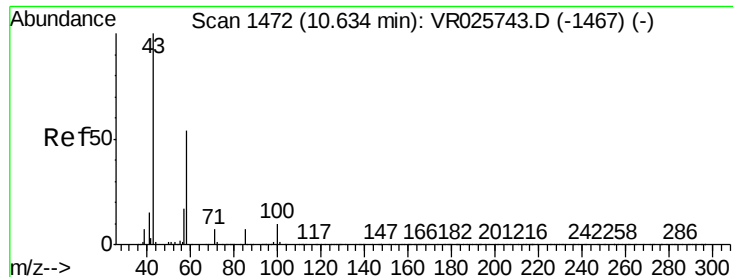
Tgt Ion: 91 Resp: 1244136

Ion Ratio Lower Upper

91 100

92 57.4 42.1 78.1

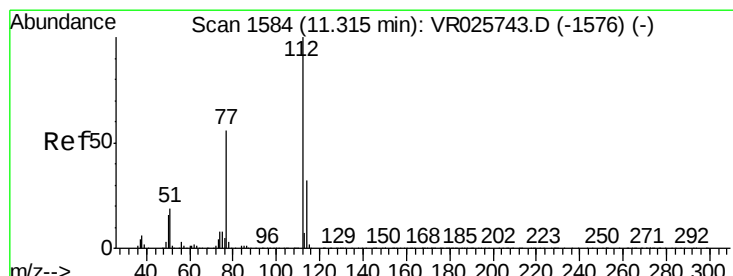
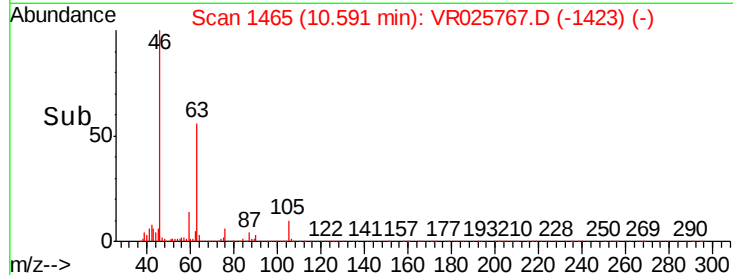
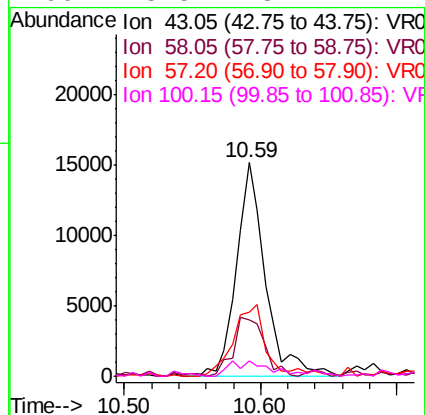
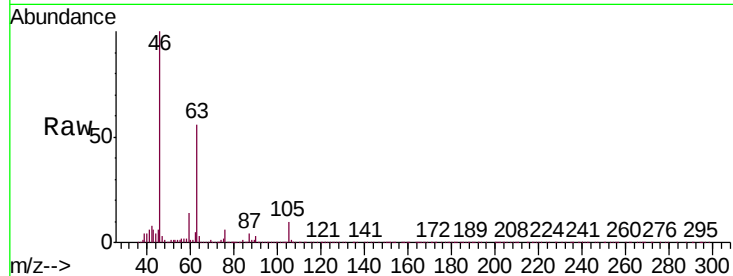




#48
2-Hexanone
Concen: 2.403 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
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ClientSampleId :
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Tgt Ion:	43	Resp:	22340
Ion	Ratio	Lower	Upper
43	100		
58	29.2	44.4	66.6#
57	36.0	14.0	21.0#
100	3.5	8.2	12.2#



#51
Chlorobenzene
Concen: 4.848 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR025767.D
Acq: 18 Sep 2018 22:35

Tgt Ion:	112	Resp:	710656
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.7
77	58.1	45.0	67.6

