

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062218\
 Data File : VR025416.D
 Acq On : 22 Jun 2018 16:26
 Operator : SY/MD
 Sample : J3674-02MS
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB3MS

Quant Time: Jun 22 22:39:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	534685	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	442800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	174694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	63277	3.47	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	2.64	69	51875	3.88	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	3.65	63	202838	4.33	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	6.60	46	306339	62.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.50%
24) Chloroform-d	7.21	84	339750	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	7.90	65	141848	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	7.86	84	689579	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	8.90	67	220015	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	9.97	98	579127	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	10.24	79	44909	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	10.59	63	251393	63.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	105140	6.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	149276	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

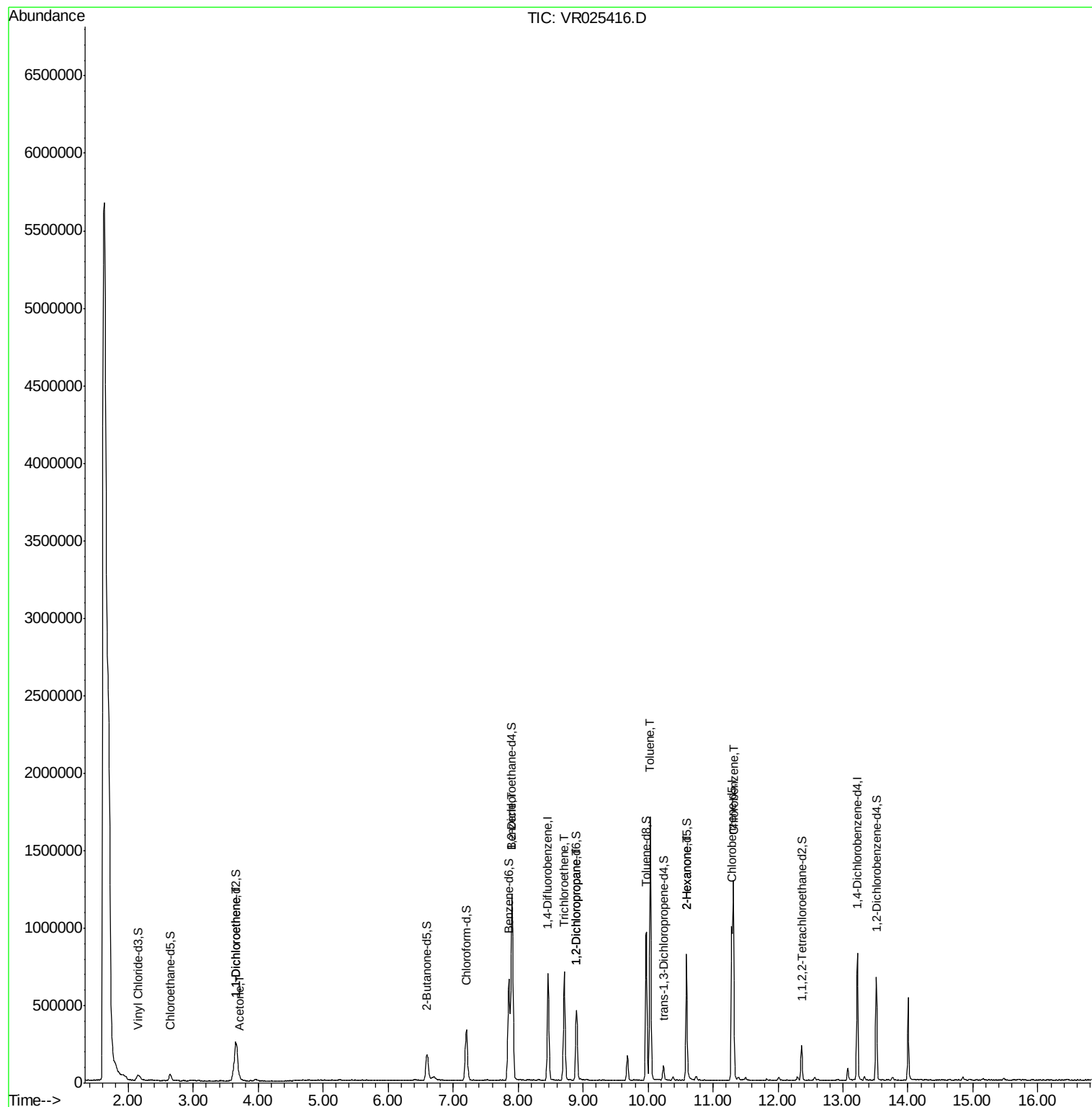
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.66	96	101616	5.406	ug/L	95
13) Acetone	3.71	43	20132	9.131	ug/L	96
33) Benzene	7.91	78	1070072	6.155	ug/L	100
34) Trichloroethene	8.71	95	245192	5.829	ug/L	96
37) 1,2-Dichloropropane	8.90	63	21038	0.544	ug/L #	97
42) Toluene	10.03	91	1116253	5.992	ug/L	97
48) 2-Hexanone	10.59	43	33130	4.156	ug/L #	68
51) Chlorobenzene	11.31	112	593317	5.946	ug/L	99

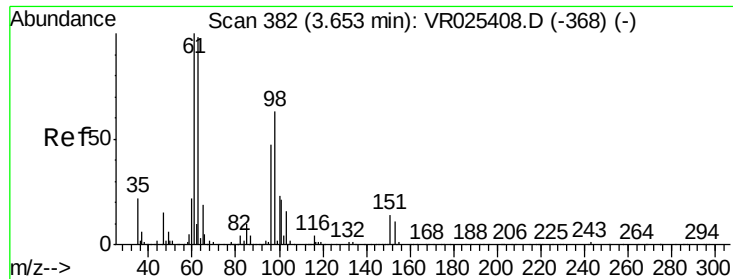
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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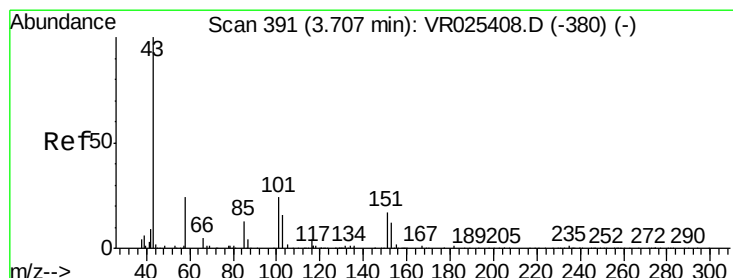
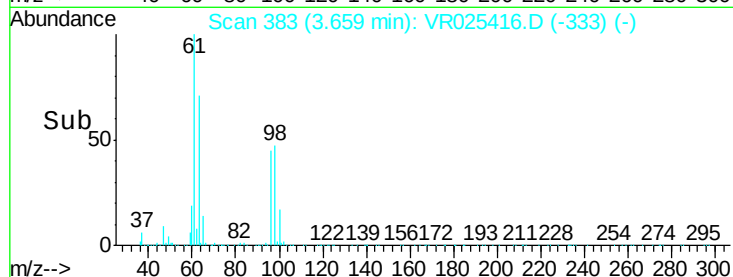
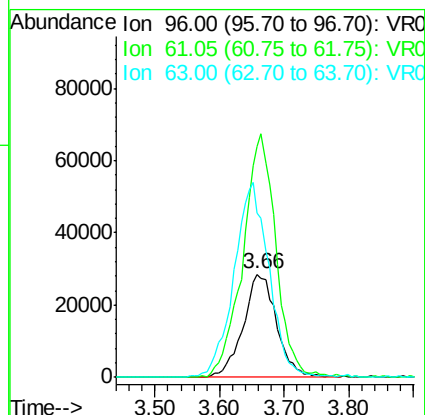
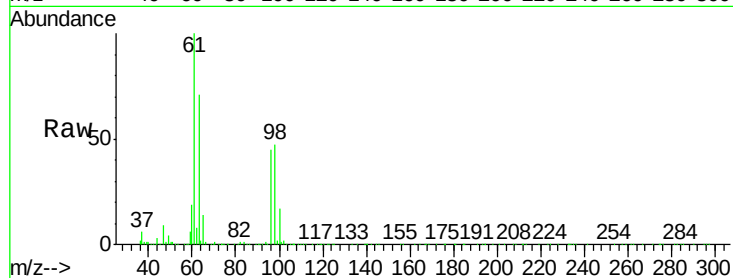




#12
1,1-Dichloroethene
Concen: 5.406 ug/L
RT: 3.66 min Scan# 383
Delta R.T. 0.01 min
Lab File: VR025416.D
Acq: 22 Jun 2018 16:26

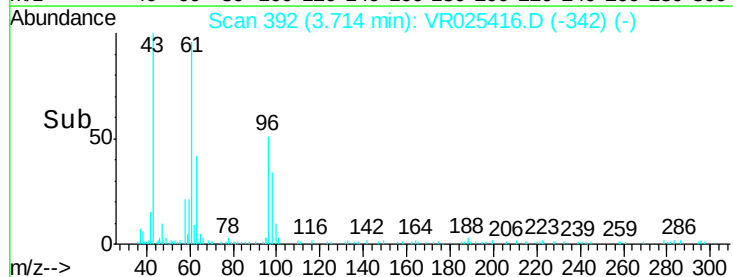
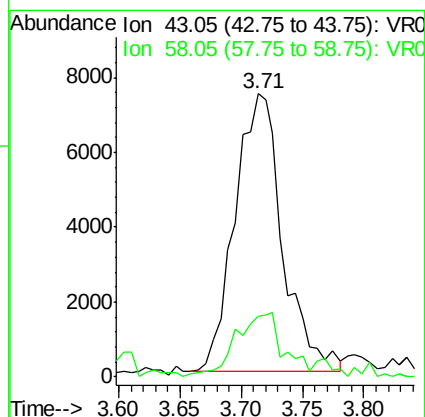
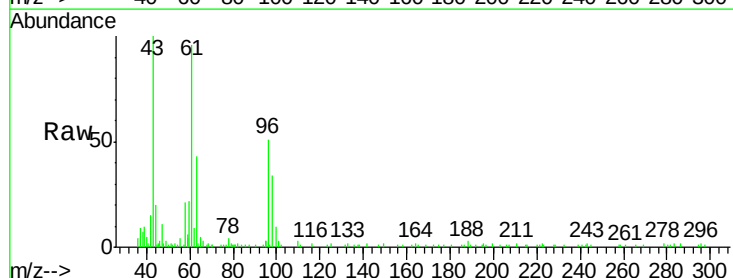
Instrument :
MSVOA_R
ClientSampleId :
DAZB3MS

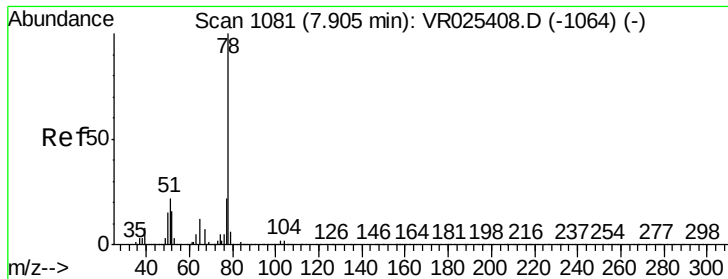
Tgt Ion: 96 Resp: 101616
Ion Ratio Lower Upper
96 100
61 223.2 155.0 287.9
63 159.4 122.3 227.1



#13
Acetone
Concen: 9.131 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025416.D
Acq: 22 Jun 2018 16:26

Tgt Ion: 43 Resp: 20132
Ion Ratio Lower Upper
43 100
58 22.8 0.0 41.6





#33

Benzene

Concen: 6.155 ug/L

RT: 7.91 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VR025416.D

Acq: 22 Jun 2018 16:26

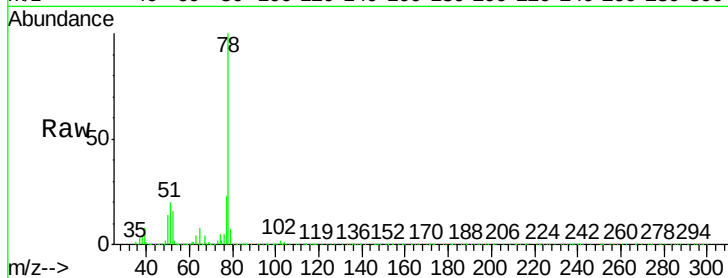
Instrument :

MSVOA_R

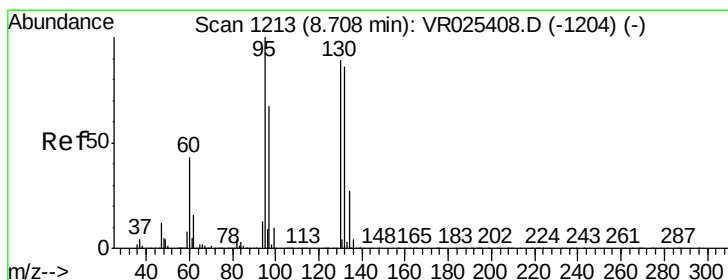
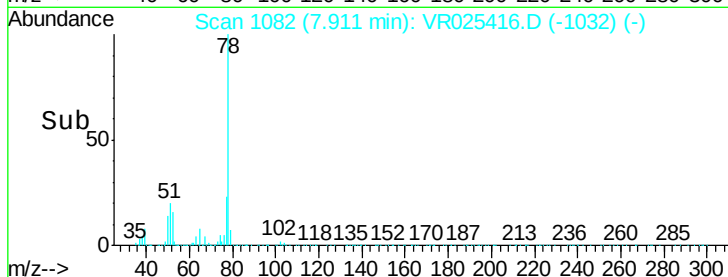
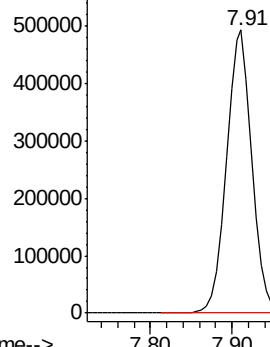
ClientSampleId :

DAZB3MS

Tgt Ion: 78 Resp: 1070072



Abundance Ion 78.10 (77.80 to 78.80): VR0



#34

Trichloroethene

Concen: 5.829 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025416.D

Acq: 22 Jun 2018 16:26

Tgt Ion: 95 Resp: 245192

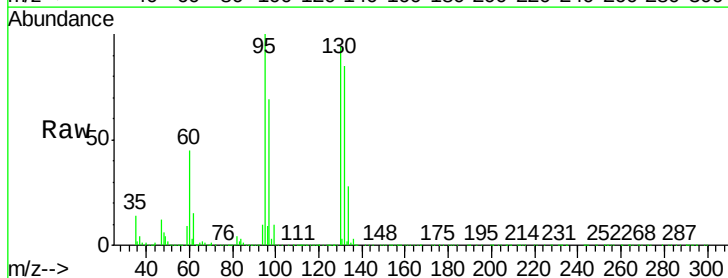
Ion	Ratio	Lower	Upper
95	100		
97	69.1	45.6	84.6
132	85.2	60.9	113.1
130	94.0	62.0	115.2

95 100

97 69.1 45.6 84.6

132 85.2 60.9 113.1

130 94.0 62.0 115.2

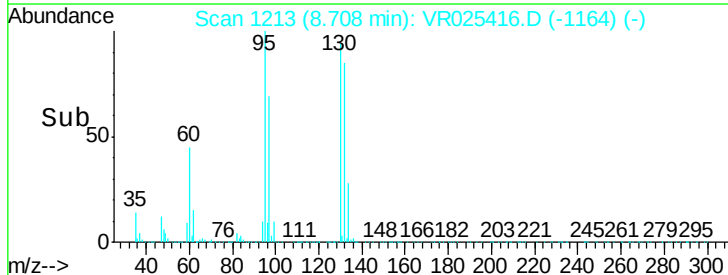
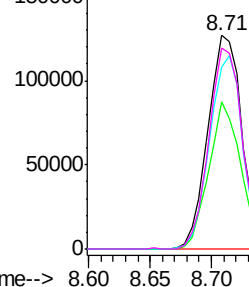


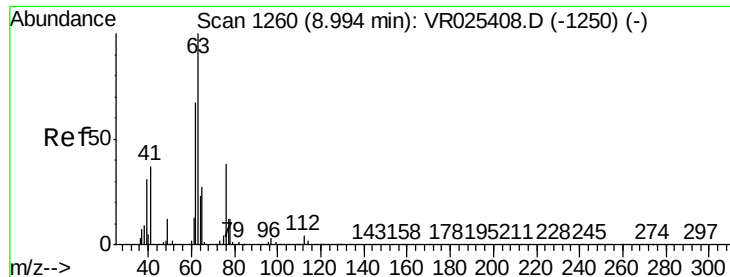
Abundance Ion 95.00 (94.70 to 95.70): VR0

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





#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025416.D

Acq: 22 Jun 2018 16:26

Instrument :

MSVOA_R

ClientSampleId :

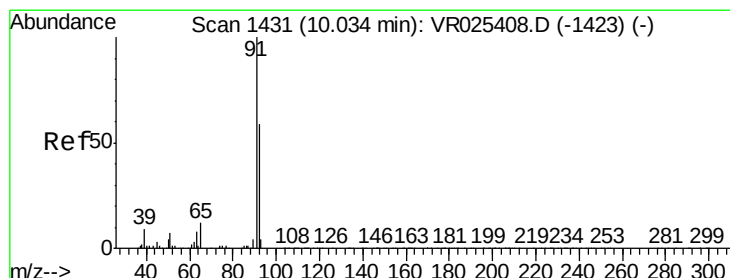
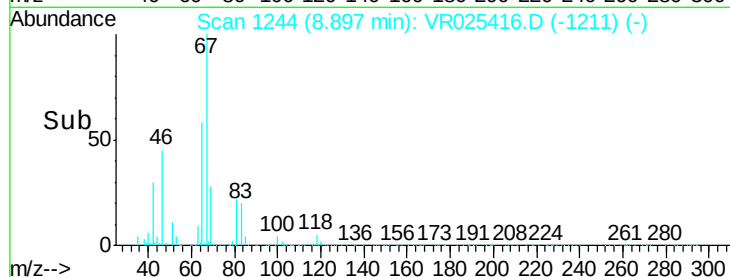
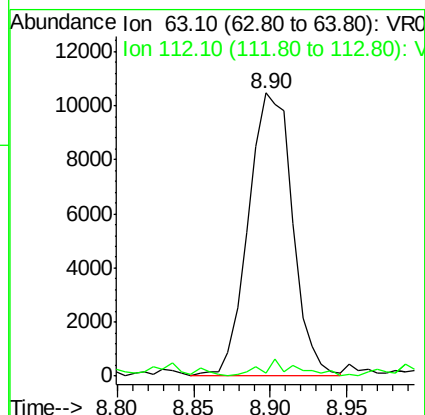
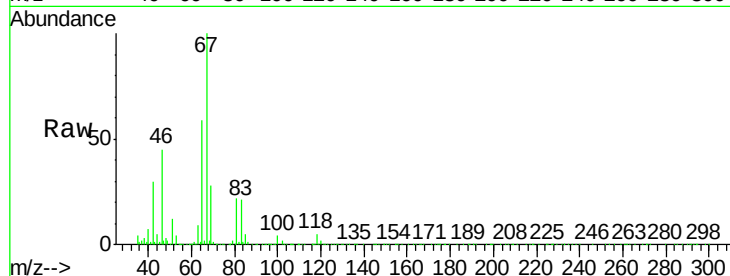
DAZB3MS

Tgt Ion: 63 Resp: 21038

Ion Ratio Lower Upper

63 100

112 4.6 2.9 4.3#



#42

Toluene

Concen: 5.992 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025416.D

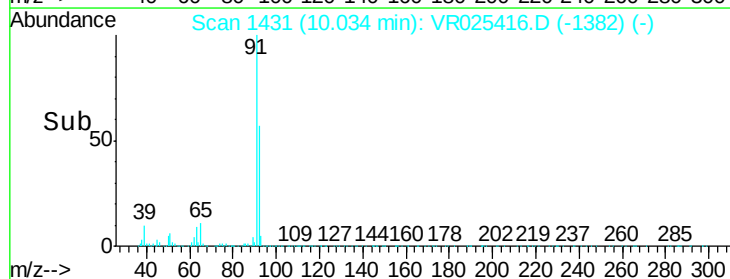
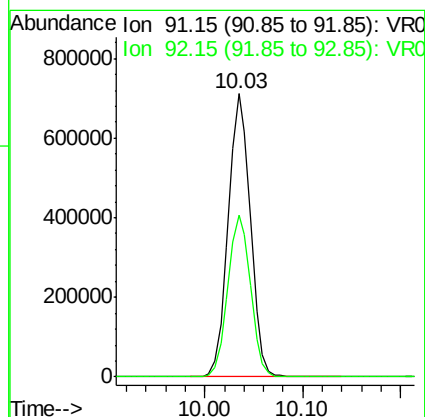
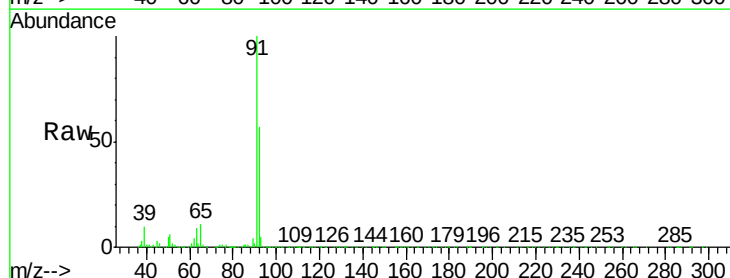
Acq: 22 Jun 2018 16:26

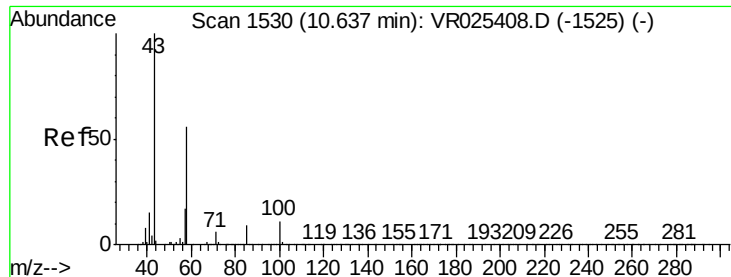
Tgt Ion: 91 Resp: 1116253

Ion Ratio Lower Upper

91 100

92 57.3 41.9 77.7

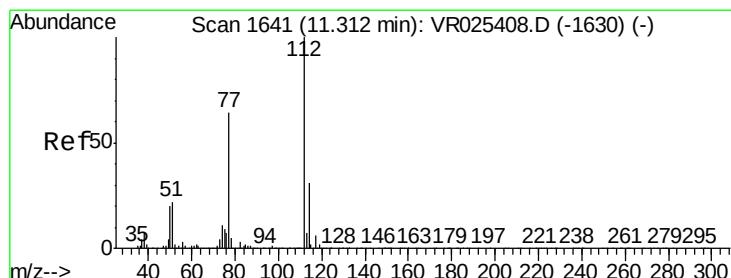
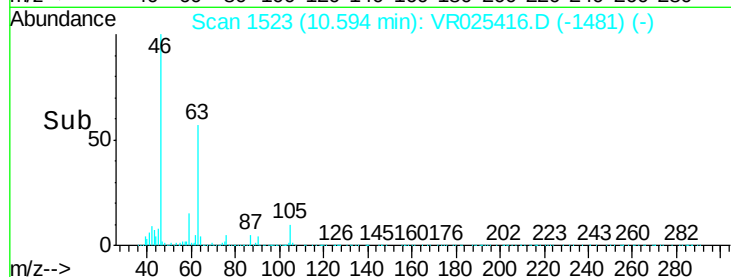
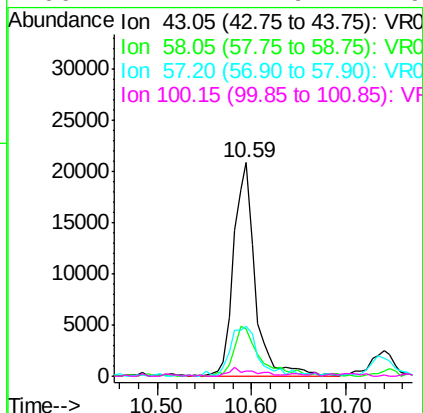
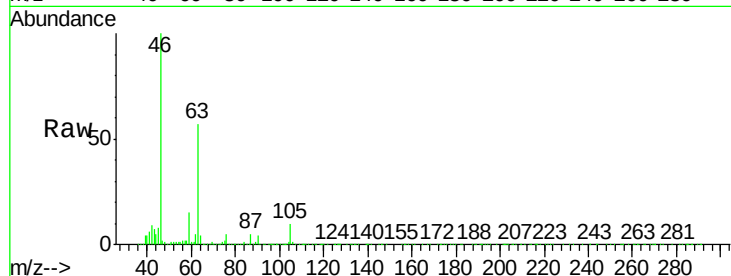




#48
2-Hexanone
Concen: 4.156 ug/L
RT: 10.59 min Scan# 1523
Delta R.T. -0.04 min
Lab File: VR025416.D
Acq: 22 Jun 2018 16:26

Instrument :
MSVOA_R
ClientSampleId :
DAZB3MS

Tgt Ion:	43	Resp:	33130
Ion	Ratio	Lower	Upper
43	100		
58	26.1	43.1	64.7#
57	30.0	15.3	22.9#
100	4.7	7.9	11.9#



#51
Chlorobenzene
Concen: 5.946 ug/L
RT: 11.31 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VR025416.D
Acq: 22 Jun 2018 16:26

Tgt Ion:	112	Resp:	593317
Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.6	40.0
77	64.6	51.9	77.9

