

Data File : VR025835.D
Acq On : 25 Sep 2018 00:10
Operator : SY/MD
Sample : J5045-09MS
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ETO21MS

Quant Time: Sep 25 08:51:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 25 08:50:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	368253	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	297739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	93904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	129016	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	2.62	69	108919	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	3.62	63	321530	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	6.58	46	181443	51.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	7.20	84	242592	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	7.89	65	115828	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.85	84	502089	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	8.90	67	145162	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	9.97	98	438540	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	10.24	79	24957	2.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.80%
46) 2-Hexanone-d5	10.59	63	134223	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	52942	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	69694	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

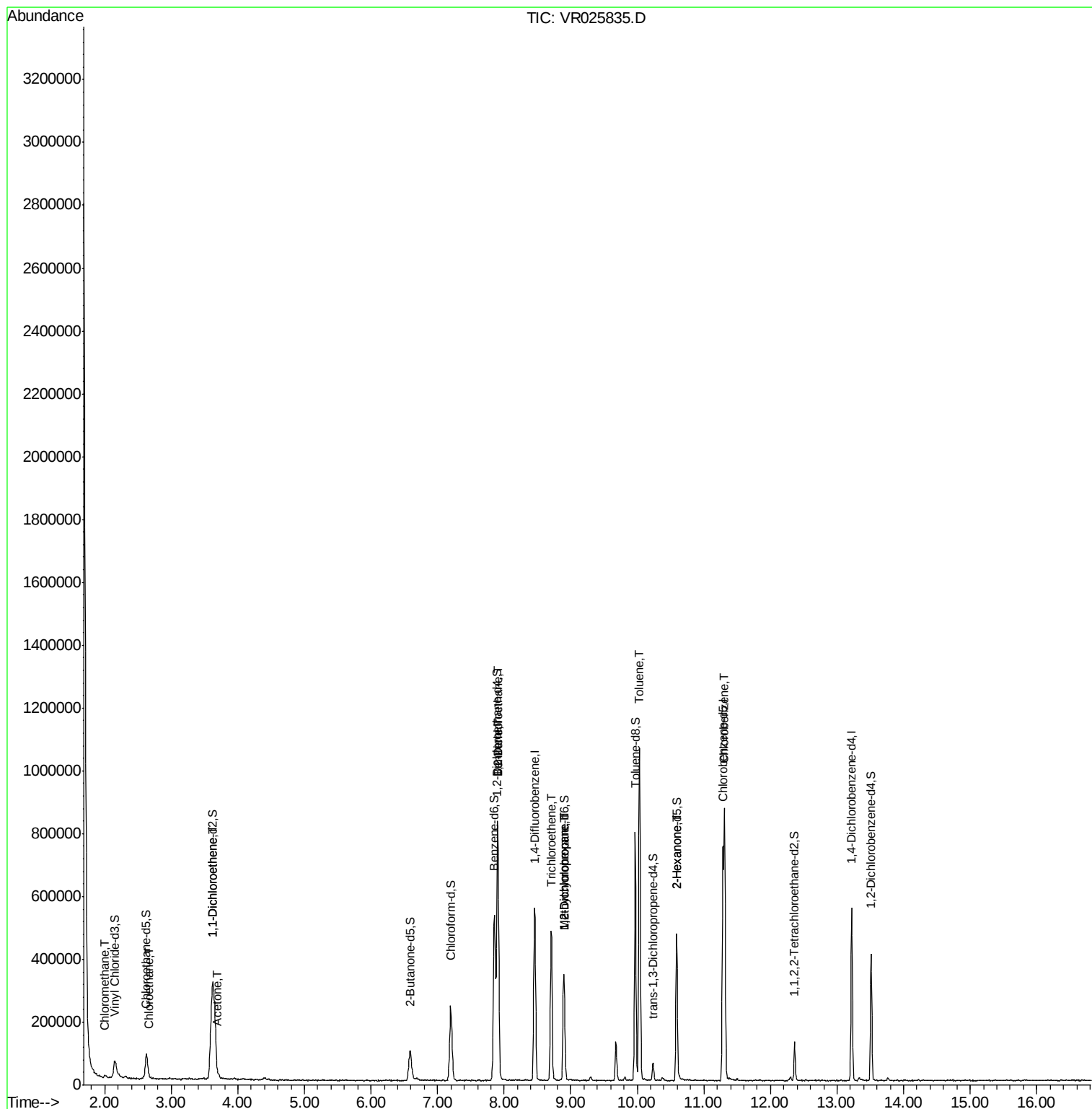
					Qvalue
3) Chloromethane	2.00	50	11519	0.276 ug/L	97
8) Chloroethane	2.66	64	3281	0.146 ug/L	87
12) 1,1-Dichloroethene	3.63	96	146911	4.625 ug/L	88
13) Acetone	3.70	43	4815	2.076 ug/L	94
27) 1,2-Dichloroethane	7.90	62	6069	0.174 ug/L	99
33) Benzene	7.90	78	647725	4.144 ug/L	100
34) Trichloroethene	8.71	95	161164	3.885 ug/L	98
35) Methylcyclohexane	8.90	83	32628	0.480 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	18444	0.529 ug/L #	92
42) Toluene	10.03	91	662558	4.159 ug/L	98
48) 2-Hexanone	10.59	43	19655	2.463 ug/L #	73
51) Chlorobenzene	11.32	112	328122	3.926 ug/L	100

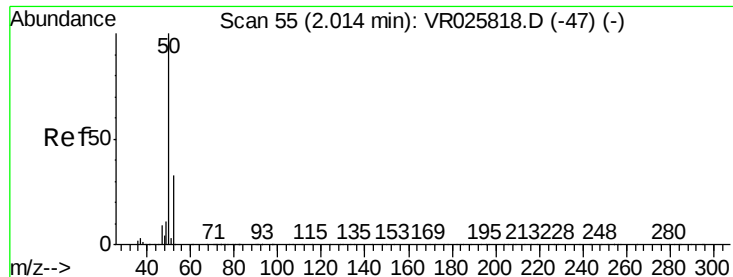
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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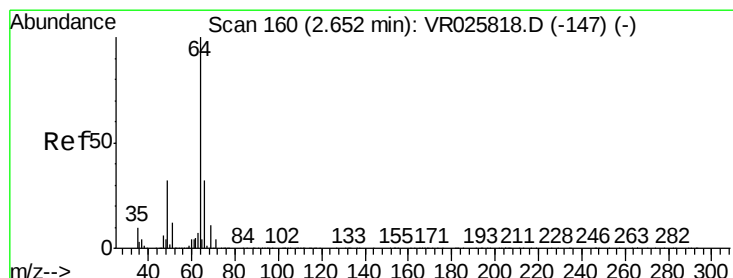
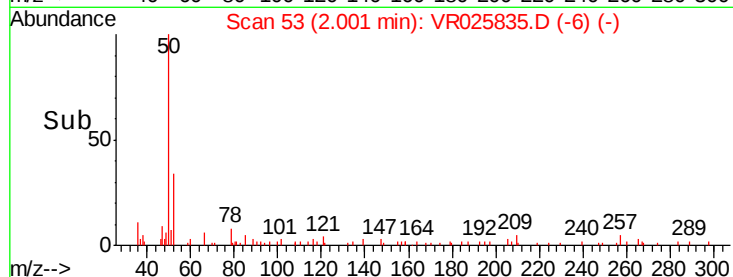
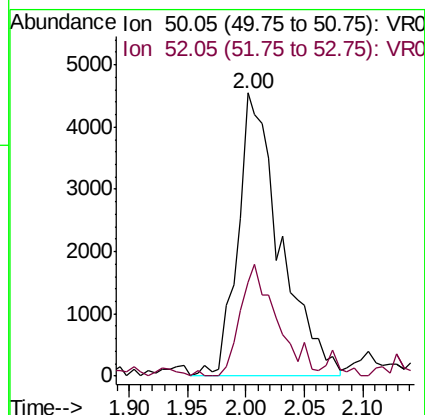
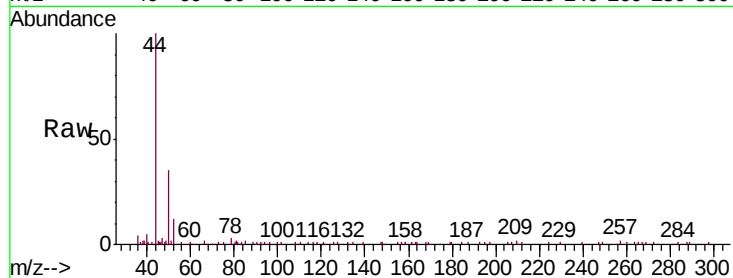




#3
Chloromethane
Concen: 0.276 ug/L
RT: 2.00 min Scan# 53
Delta R.T. -0.01 min
Lab File: VR025835.D
Acq: 25 Sep 2018 00:10

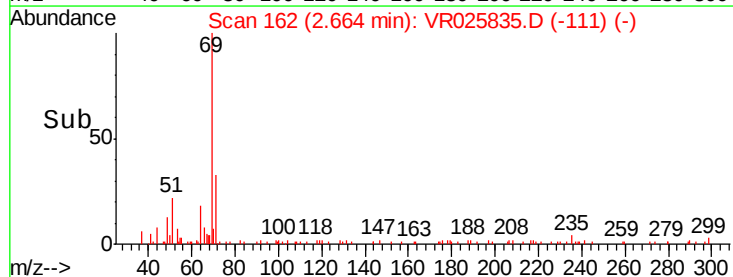
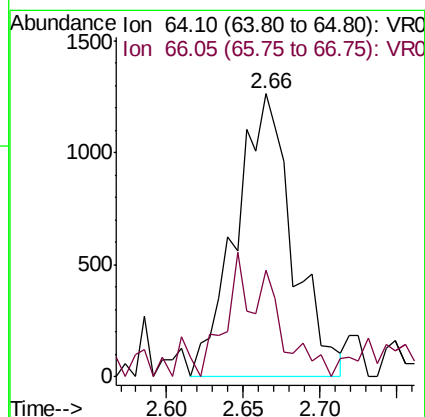
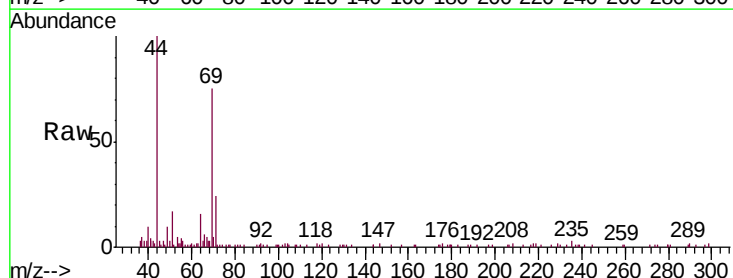
Instrument :
MSVOA_R
ClientSampleId :
ETO21MS

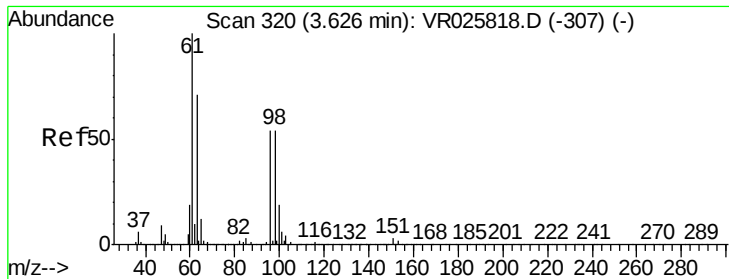
Tgt Ion: 50 Resp: 11519
Ion Ratio Lower Upper
50 100
52 33.1 22.1 41.1



#8
Chloroethane
Concen: 0.146 ug/L
RT: 2.66 min Scan# 162
Delta R.T. 0.01 min
Lab File: VR025835.D
Acq: 25 Sep 2018 00:10

Tgt Ion: 64 Resp: 3281
Ion Ratio Lower Upper
64 100
66 37.7 21.3 39.5





#12

1,1-Dichloroethene

Concen: 4.625 ug/L

RT: 3.63 min Scan# 320

Delta R.T. -0.00 min

Lab File: VR025835.D

Acq: 25 Sep 2018 00:10

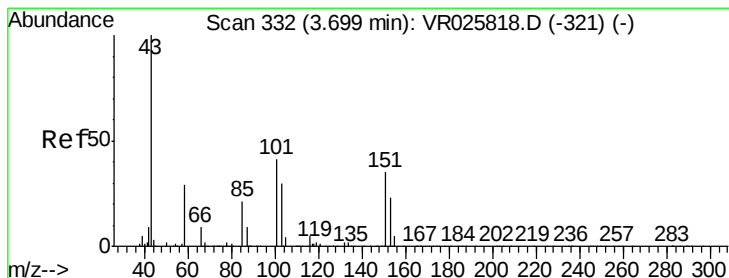
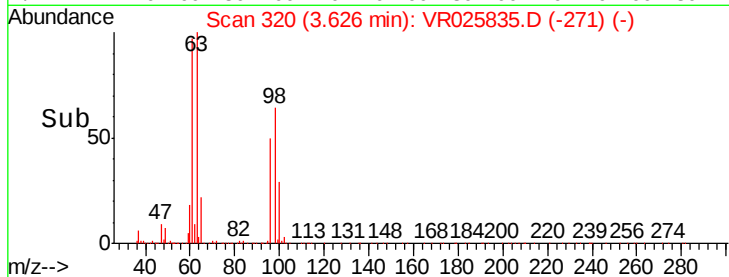
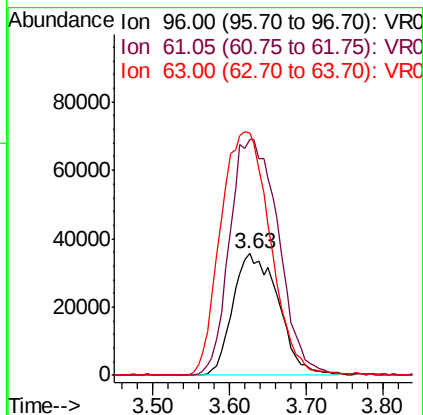
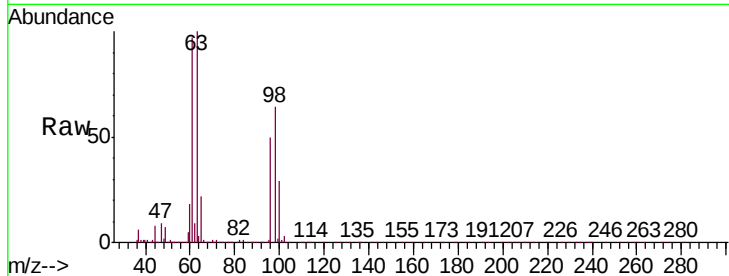
Instrument :

MSVOA_R

ClientSampleId :

ETO21MS

Tgt Ion:	96	Resp:	146911
Ion	Ratio	Lower	Upper
96	100		
61	193.9	145.0	269.4
63	199.0	123.8	230.0



#13

Acetone

Concen: 2.076 ug/L

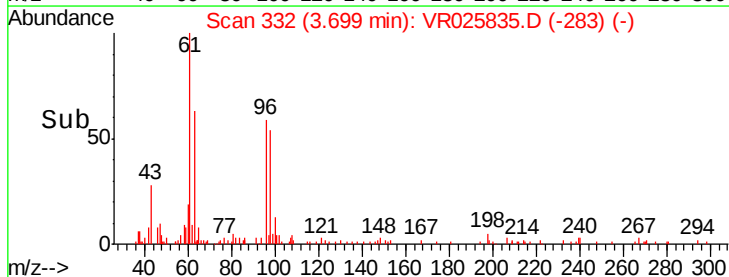
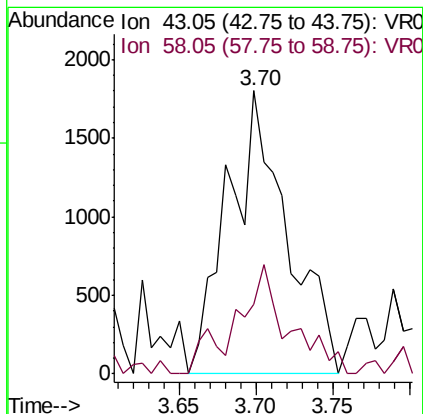
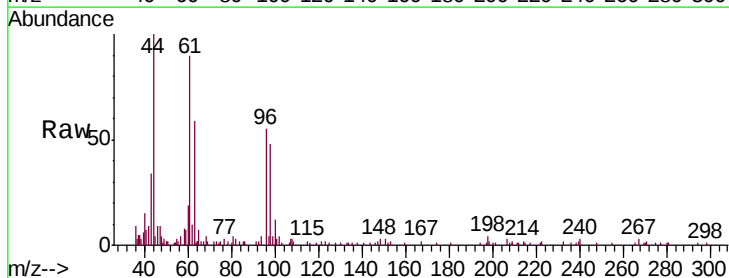
RT: 3.70 min Scan# 332

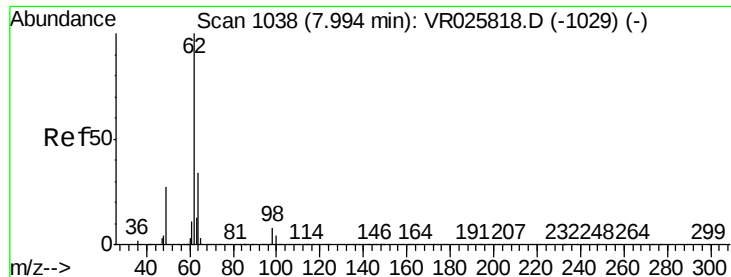
Delta R.T. -0.00 min

Lab File: VR025835.D

Acq: 25 Sep 2018 00:10

Tgt Ion:	43	Resp:	4815
Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	51.4

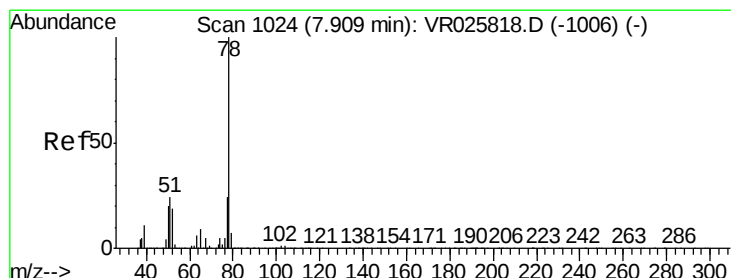
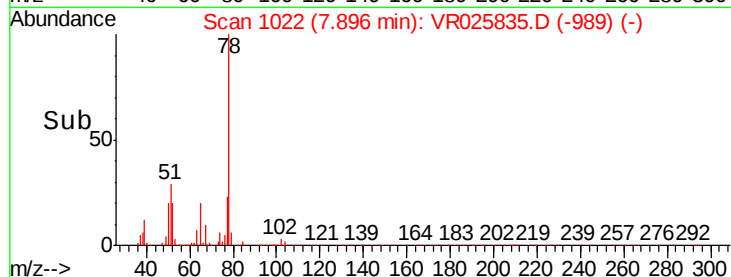
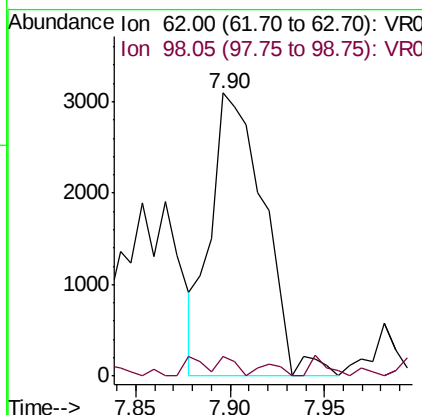
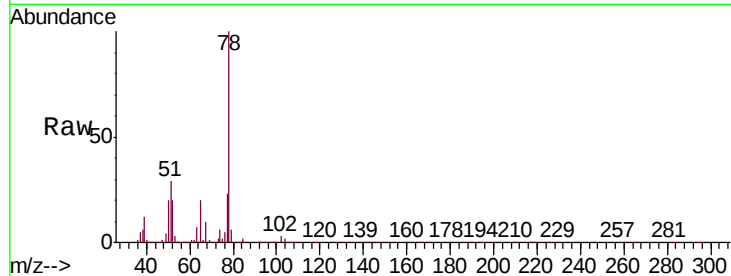




#27
 1,2-Dichloroethane
 Concen: 0.174 ug/L
 RT: 7.90 min Scan# 1022
 Delta R.T. -0.10 min
 Lab File: VR025835.D
 Acq: 25 Sep 2018 00:10

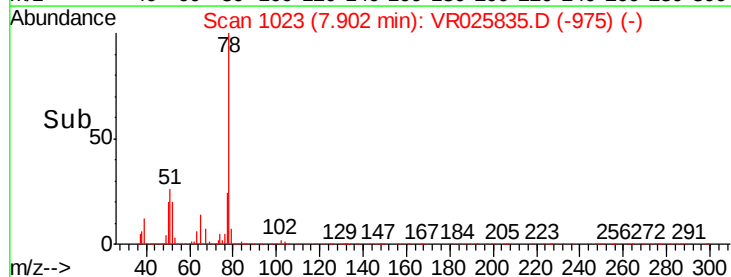
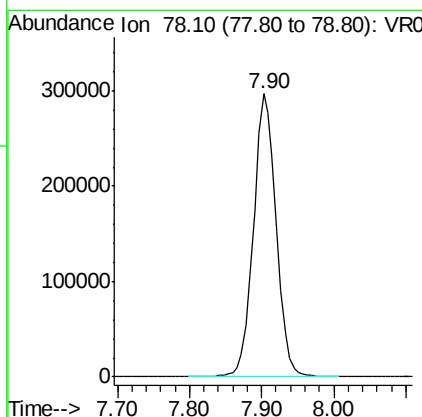
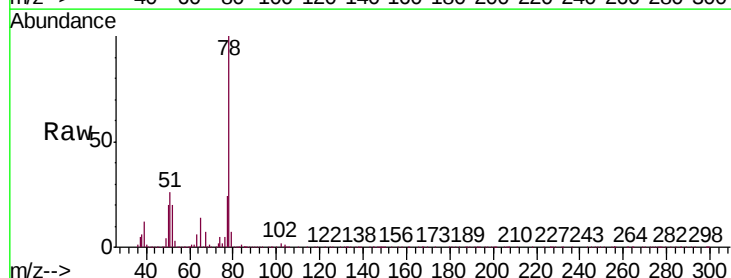
Instrument :
 MSVOA_R
 ClientSampleId :
 ETO21MS

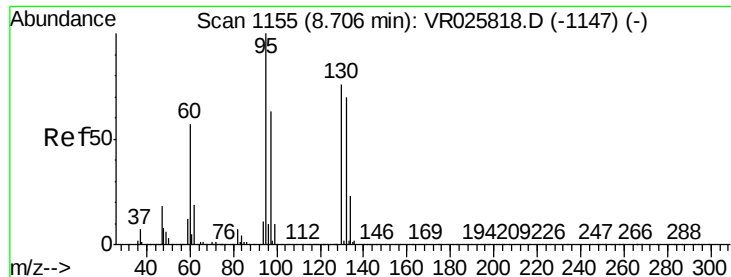
Tgt Ion: 62 Resp: 6069
 Ion Ratio Lower Upper
 62 100
 98 6.9 5.2 7.8



#33
 Benzene
 Concen: 4.144 ug/L
 RT: 7.90 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: VR025835.D
 Acq: 25 Sep 2018 00:10

Tgt Ion: 78 Resp: 647725

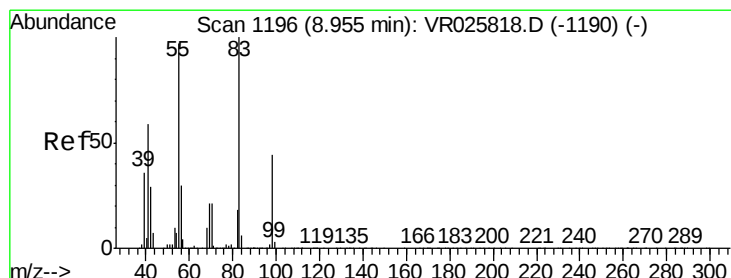
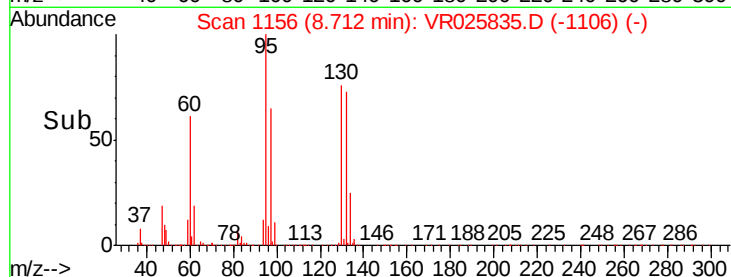
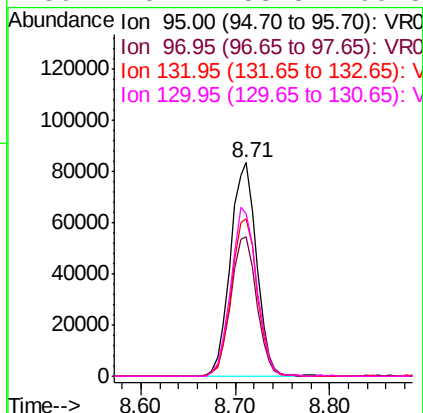
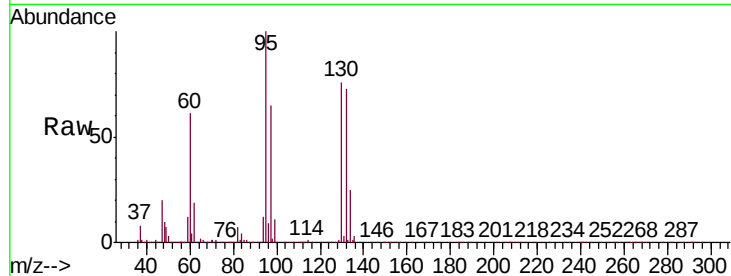




#34
 Trichloroethene
 Concen: 3.885 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR025835.D
 Acq: 25 Sep 2018 00:10

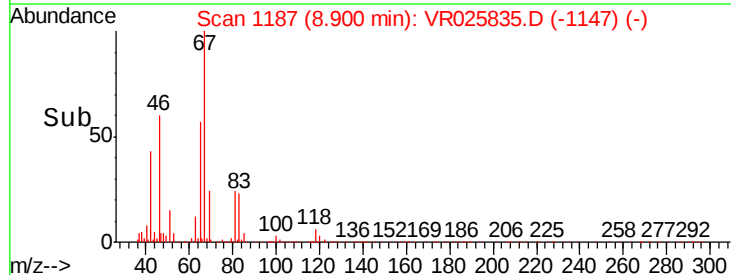
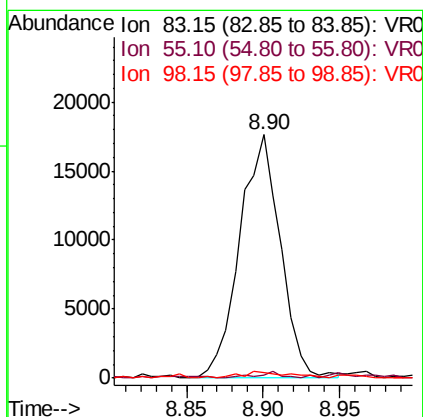
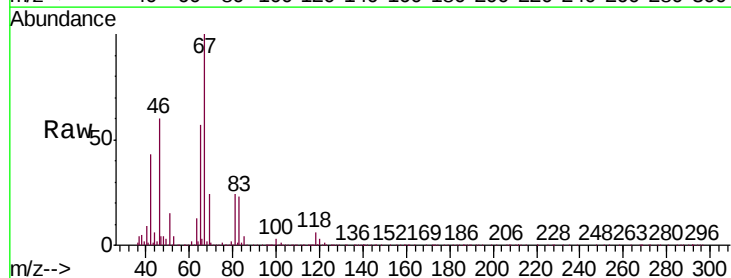
Instrument :
 MSVOA_R
 ClientSampleId :
 ETO21MS

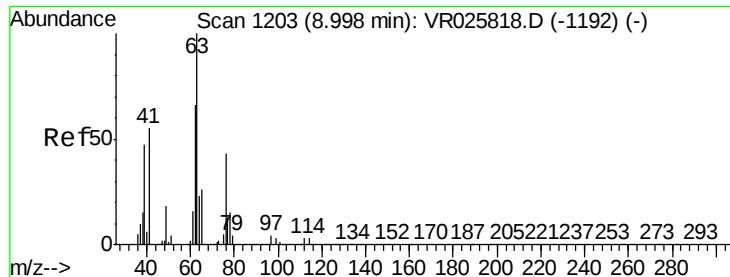
Tgt Ion: 95 Resp: 161164
 Ion Ratio Lower Upper
 95 100
 97 65.1 43.9 81.5
 132 73.5 53.3 98.9
 130 76.2 53.8 99.8



#35
 Methylcyclohexane
 Concen: 0.480 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR025835.D
 Acq: 25 Sep 2018 00:10

Tgt Ion: 83 Resp: 32628
 Ion Ratio Lower Upper
 83 100
 55 1.6 71.8 107.6#
 98 3.4 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025835.D

Acq: 25 Sep 2018 00:10

Instrument :

MSVOA_R

ClientSampleId :

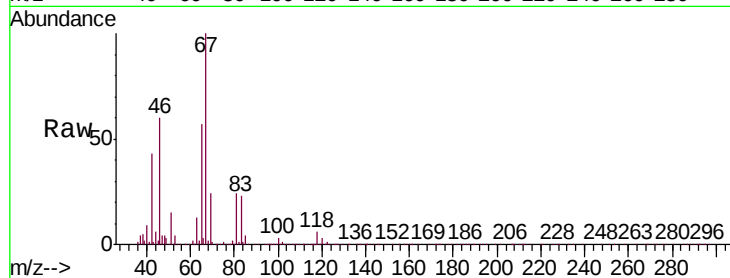
ETO21MS

Tgt Ion: 63 Resp: 18444

Ion Ratio Lower Upper

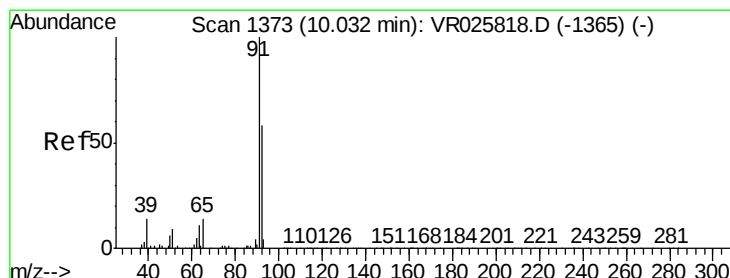
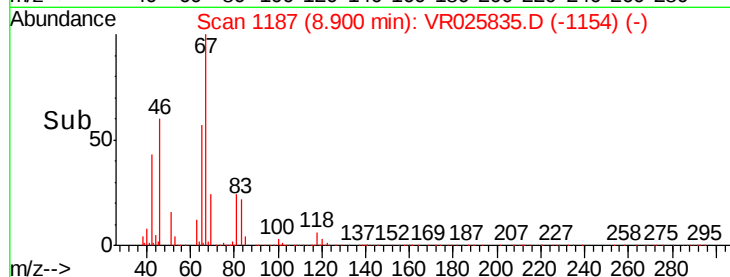
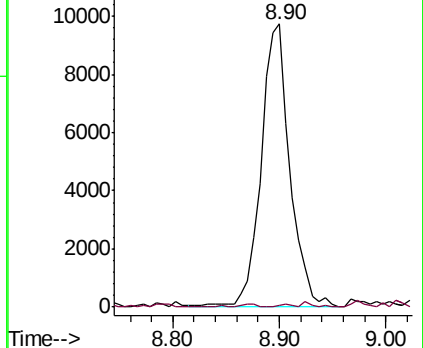
63 100

112 0.5 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#42

Toluene

Concen: 4.159 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.00 min

Lab File: VR025835.D

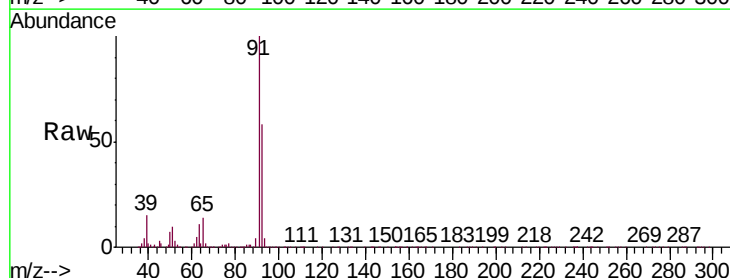
Acq: 25 Sep 2018 00:10

Tgt Ion: 91 Resp: 662558

Ion Ratio Lower Upper

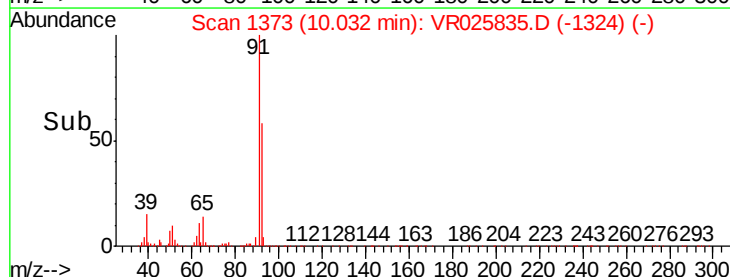
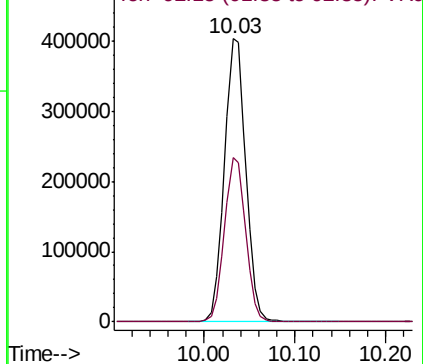
91 100

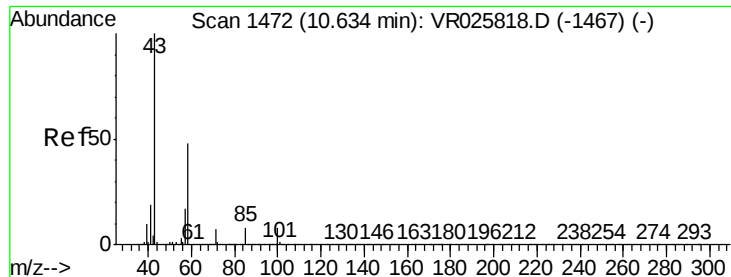
92 58.3 41.8 77.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

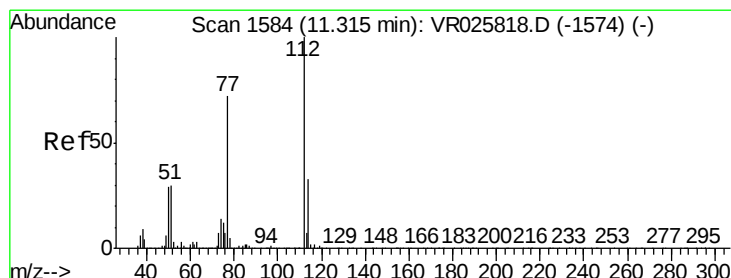
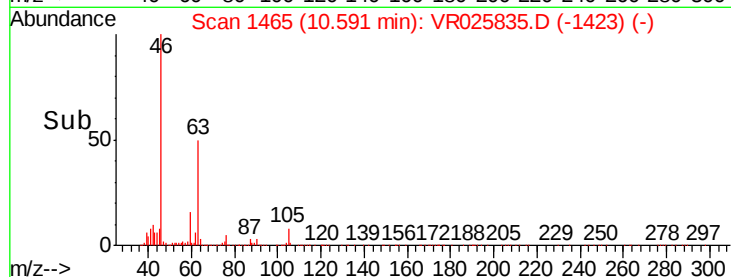
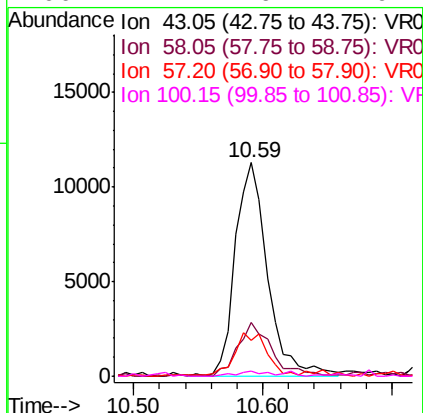
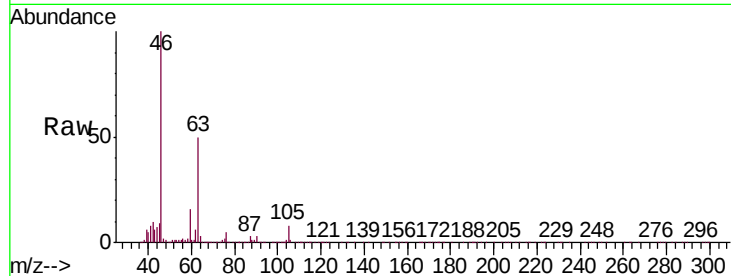




#48
2-Hexanone
Concen: 2.463 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025835.D
Acq: 25 Sep 2018 00:10

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Tgt Ion:	43	Resp:	19655
Ion	Ratio	Lower	Upper
43	100		
58	24.8	39.5	59.3#
57	20.9	14.6	21.8
100	2.2	6.7	10.1#



#51
Chlorobenzene
Concen: 3.926 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR025835.D
Acq: 25 Sep 2018 00:10

Tgt Ion:	112	Resp:	328122
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	72.6	58.5	87.7

