

Data File : VR025836.D
Acq On : 25 Sep 2018 00:42
Operator : SY/MD
Sample : J5045-10MSD
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ETO21MSD

Quant Time: Sep 25 08:51:43 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	338420	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	277252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	87519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	131518	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	2.62	69	112335	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	3.62	63	320025	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.20%
20) 2-Butanone-d5	6.59	46	183510	56.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.62%
24) Chloroform-d	7.20	84	239567	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.90	65	115062	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	7.85	84	508631	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.90	67	141590	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	438887	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	10.24	79	25124	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	10.59	63	132614	51.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	54918	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	72683	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

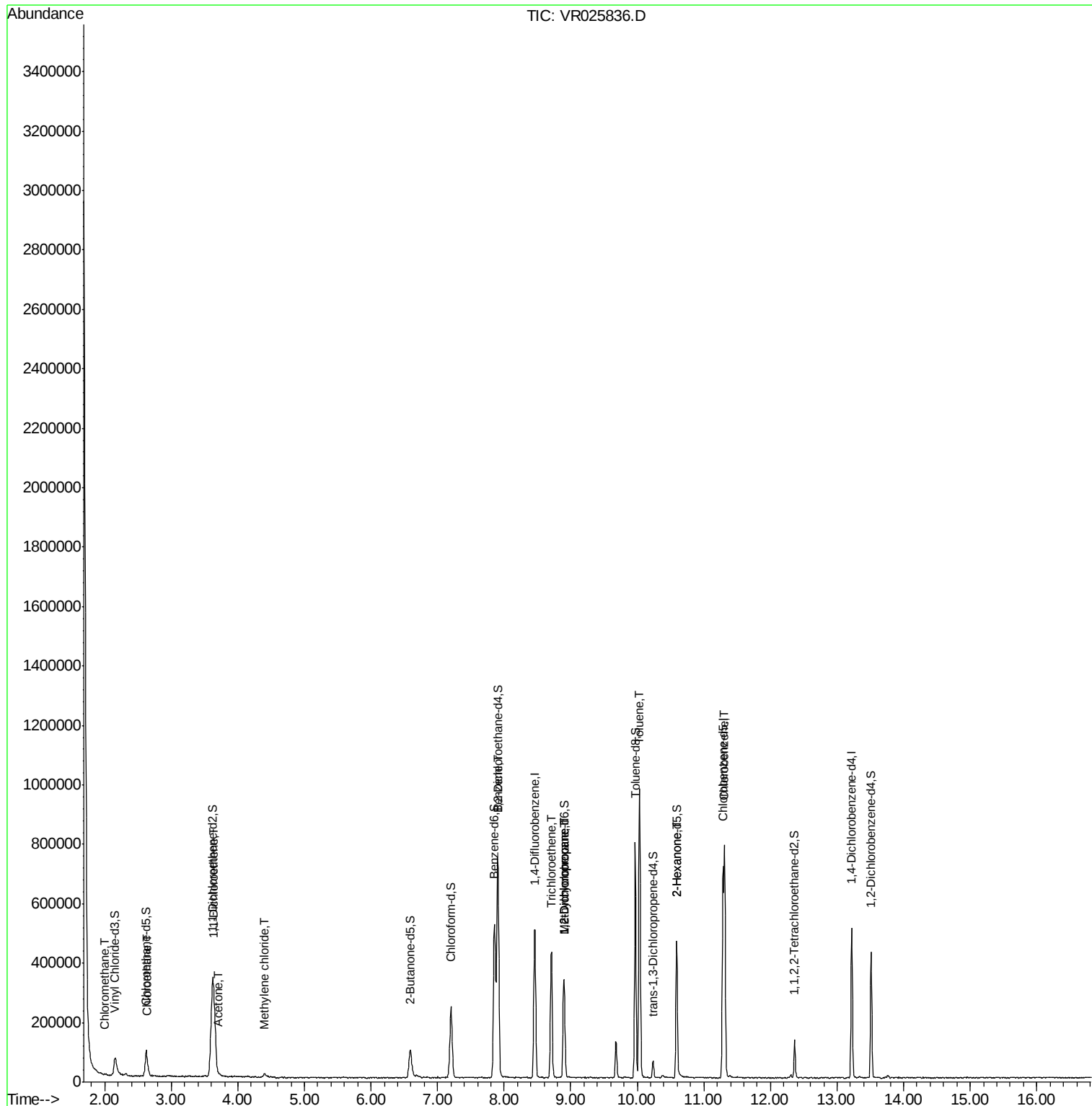
					Qvalue
3) Chloromethane	2.01	50	4561	0.119 ug/L	91
8) Chloroethane	2.65	64	1721	0.083 ug/L	89
12) 1,1-Dichloroethene	3.64	96	138587	4.747 ug/L	88
13) Acetone	3.70	43	3779	1.773 ug/L	99
16) Methylene chloride	4.40	84	6573	0.250 ug/L	94
33) Benzene	7.91	78	597321	4.104 ug/L	100
34) Trichloroethene	8.71	95	143998	3.728 ug/L	98
35) Methylcyclohexane	8.90	83	32565	0.514 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	17471	0.538 ug/L #	92
42) Toluene	10.03	91	608791	4.104 ug/L	99
48) 2-Hexanone	10.59	43	20124	2.708 ug/L #	75
51) Chlorobenzene	11.32	112	299700	3.851 ug/L	97

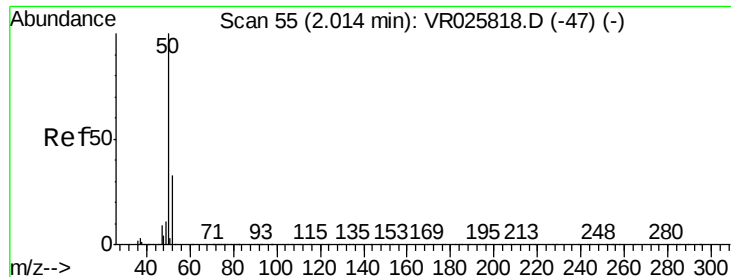
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.119 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.01 min

Lab File: VR025836.D

Acq: 25 Sep 2018 00:42

Instrument :

MSVOA_R

ClientSampleId :

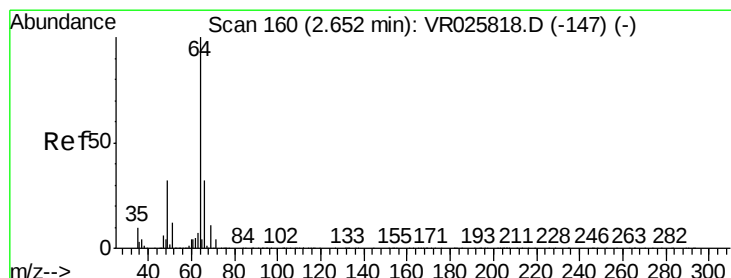
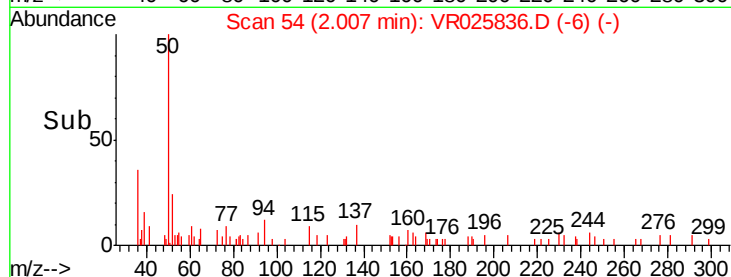
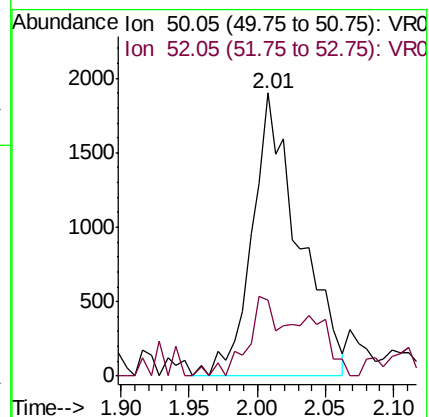
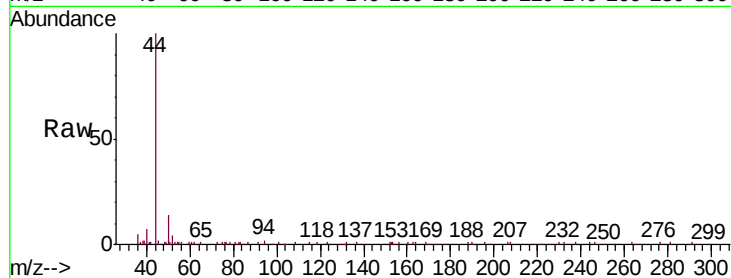
ETO21MSD

Tgt Ion: 50 Resp: 4561

Ion Ratio Lower Upper

50 100

52 26.7 22.1 41.1



#8

Chloroethane

Concen: 0.083 ug/L

RT: 2.65 min Scan# 159

Delta R.T. -0.01 min

Lab File: VR025836.D

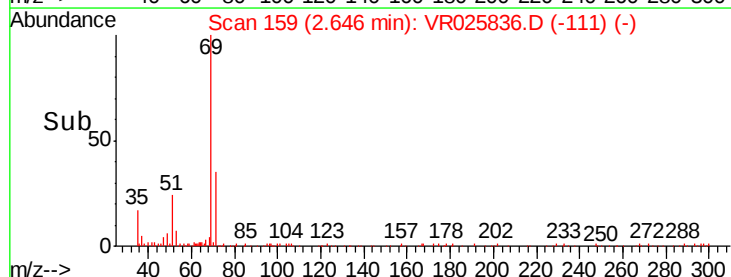
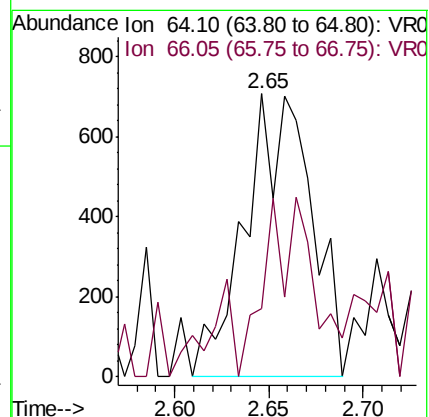
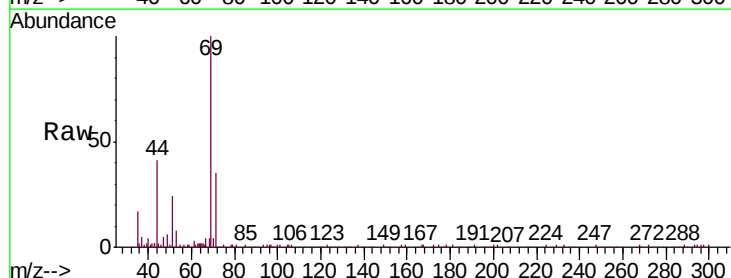
Acq: 25 Sep 2018 00:42

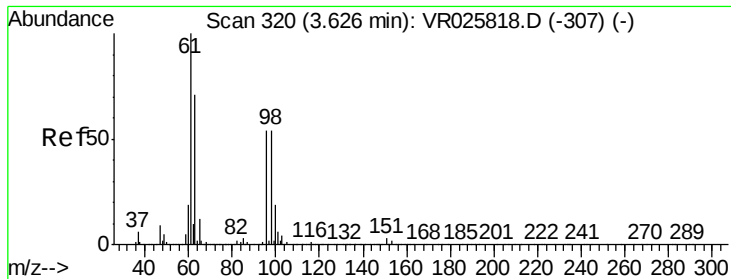
Tgt Ion: 64 Resp: 1721

Ion Ratio Lower Upper

64 100

66 24.2 21.3 39.5





#12

1,1-Dichloroethene

Concen: 4.747 ug/L

RT: 3.64 min Scan# 322

Delta R.T. 0.01 min

Lab File: VR025836.D

Acq: 25 Sep 2018 00:42

Instrument :

MSVOA_R

ClientSampleId :

ETO21MSD

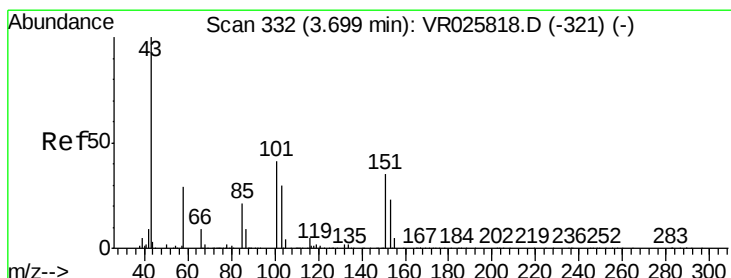
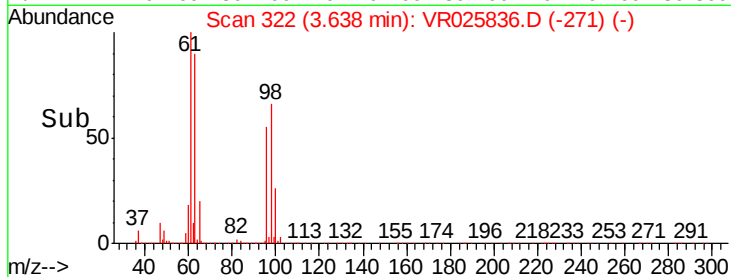
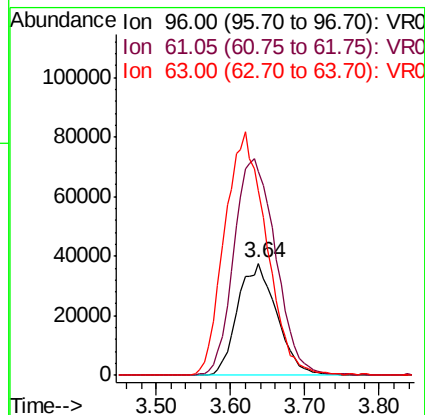
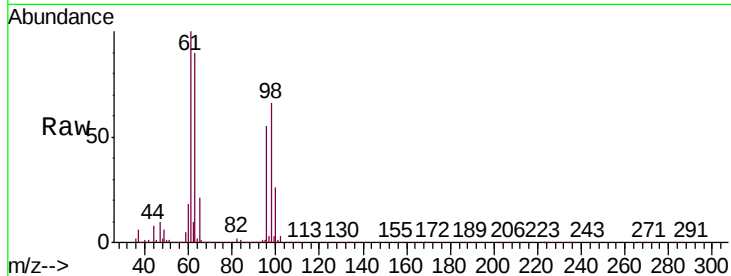
Tgt Ion: 96 Resp: 138587

Ion Ratio Lower Upper

96 100

61 182.6 145.0 269.4

63 165.0 123.8 230.0



#13

Acetone

Concen: 1.773 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025836.D

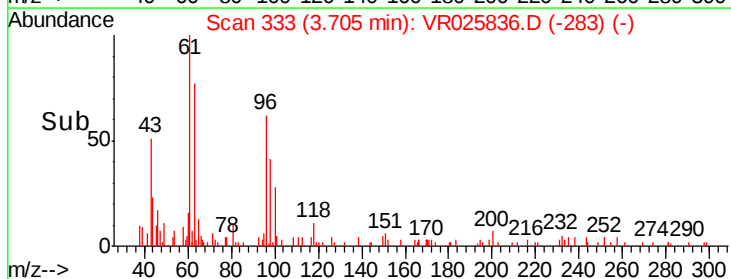
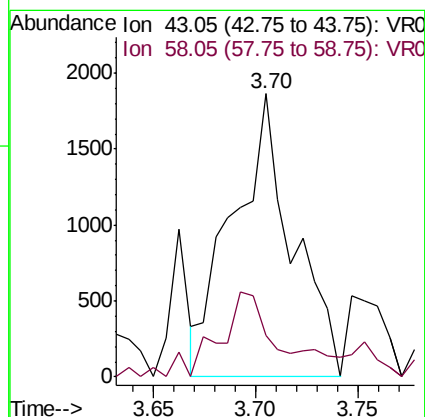
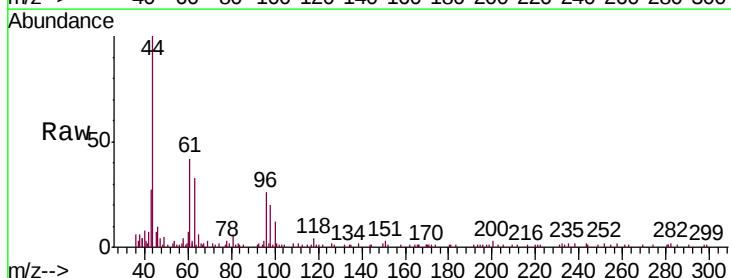
Acq: 25 Sep 2018 00:42

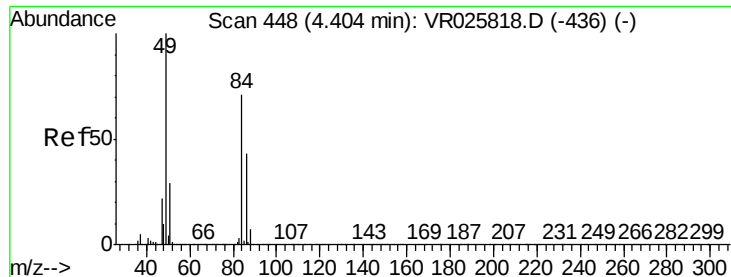
Tgt Ion: 43 Resp: 3779

Ion Ratio Lower Upper

43 100

58 25.4 0.0 51.4

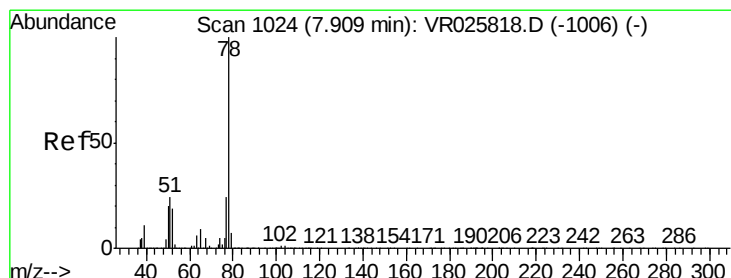
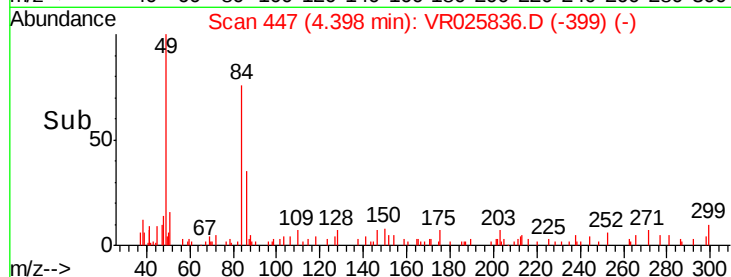
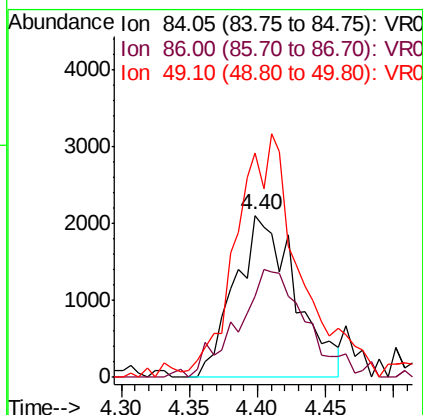
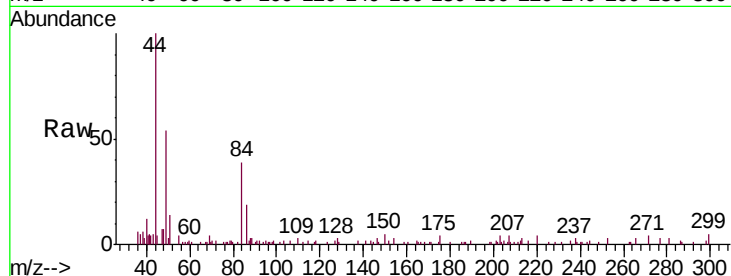




#16
Methylene chloride
Concen: 0.250 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR025836.D
Acq: 25 Sep 2018 00:42

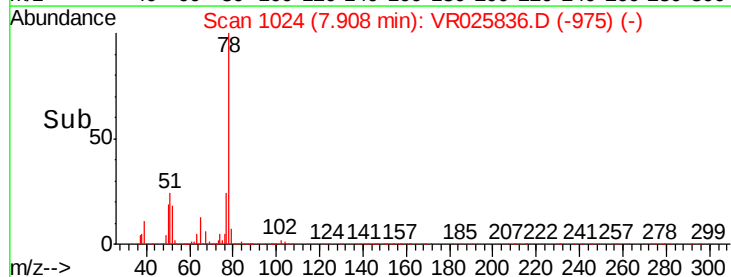
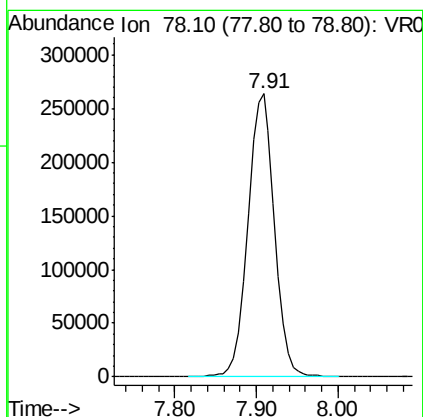
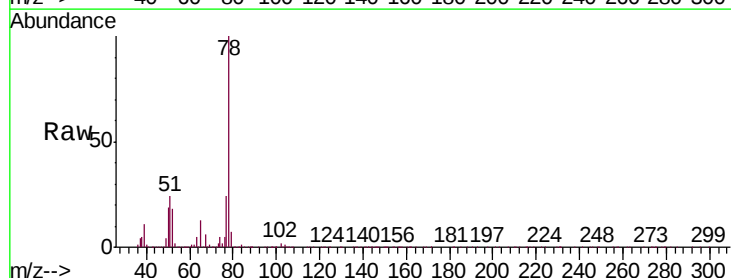
Instrument :
MSVOA_R
ClientSampleId :
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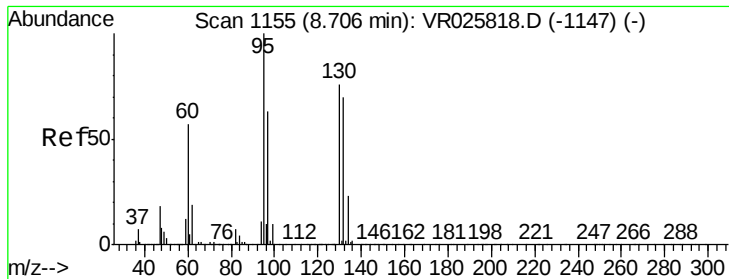
Tgt Ion: 84 Resp: 6573
Ion Ratio Lower Upper
84 100
86 49.8 43.1 80.1
49 138.3 95.5 177.3



#33
Benzene
Concen: 4.104 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: VR025836.D
Acq: 25 Sep 2018 00:42

Tgt Ion: 78 Resp: 597321

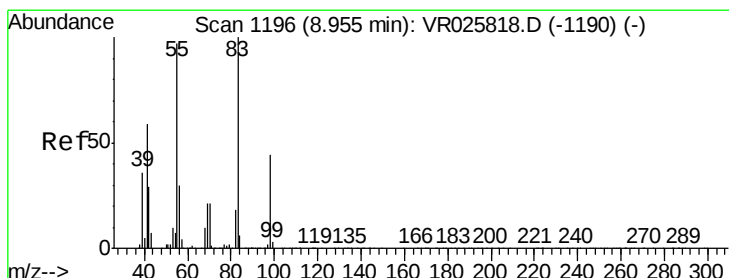
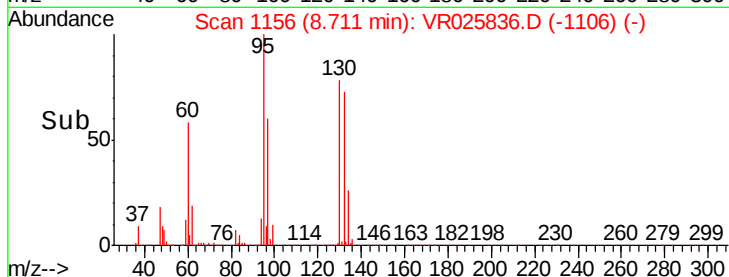
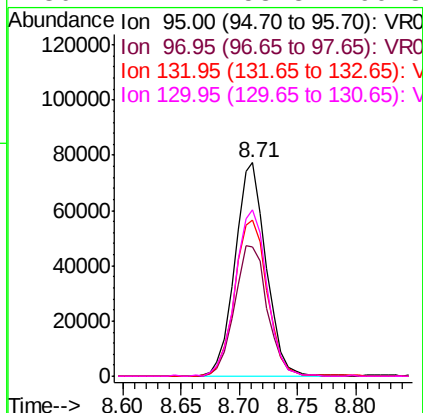
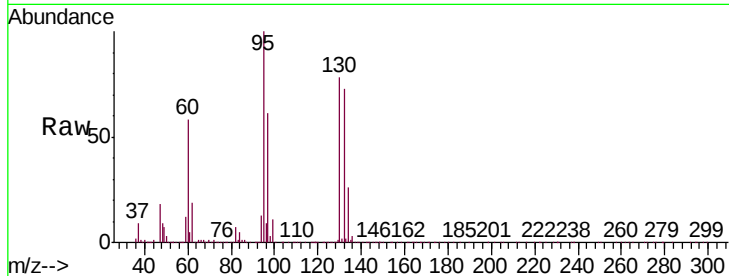




#34
 Trichloroethene
 Concen: 3.728 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR025836.D
 Acq: 25 Sep 2018 00:42

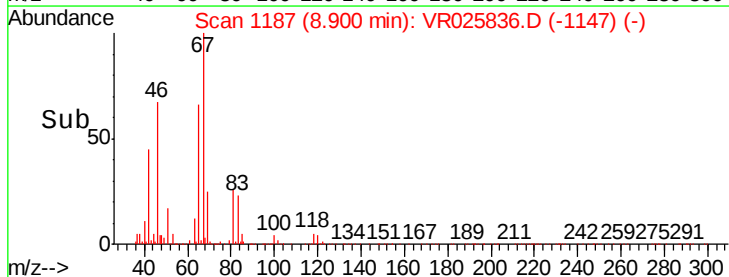
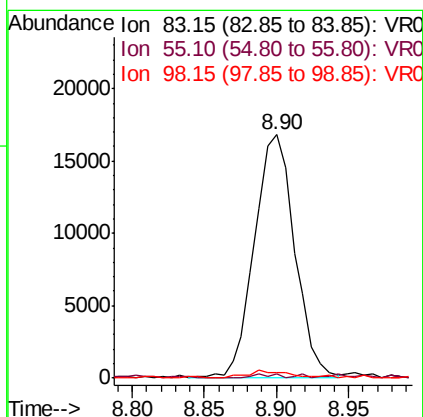
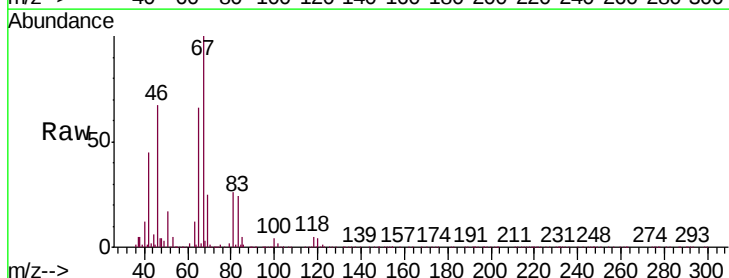
Instrument :
 MSVOA_R
 ClientSampleId :
 ETO21MSD

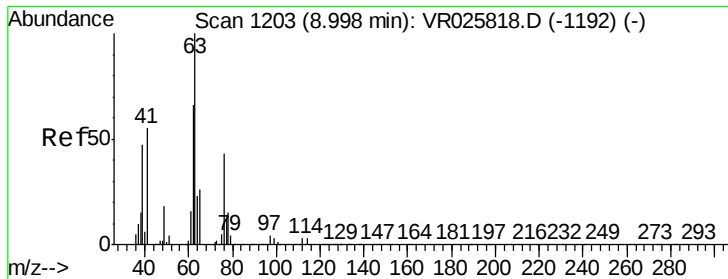
Tgt Ion:	95	Resp:	143998
Ion	Ratio	Lower	Upper
95	100		
97	60.5	43.9	81.5
132	73.2	53.3	98.9
130	77.7	53.8	99.8



#35
 Methylcyclohexane
 Concen: 0.514 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR025836.D
 Acq: 25 Sep 2018 00:42

Tgt Ion:	83	Resp:	32565
Ion	Ratio	Lower	Upper
83	100		
55	1.3	71.8	107.6#
98	3.3	34.2	51.4#

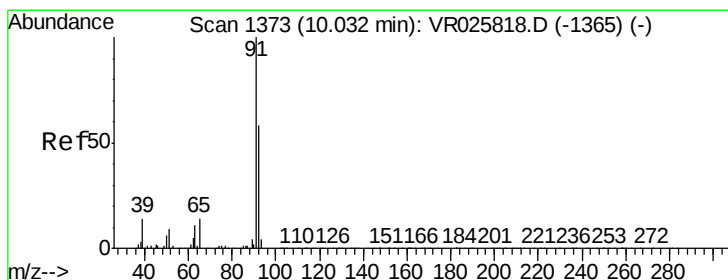
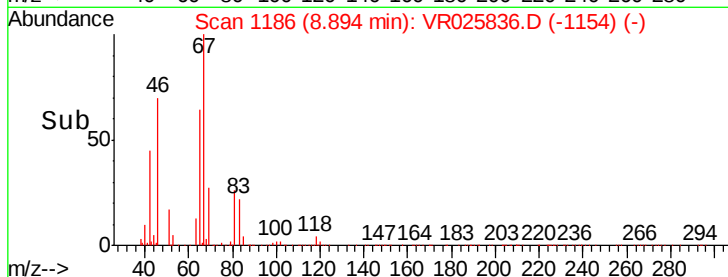
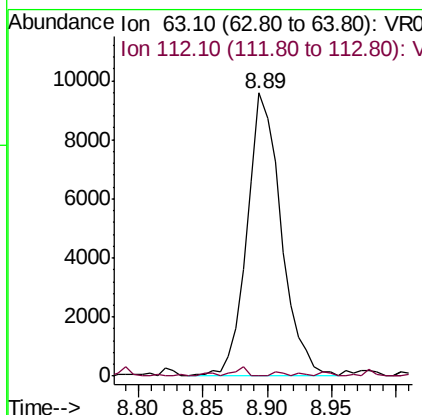
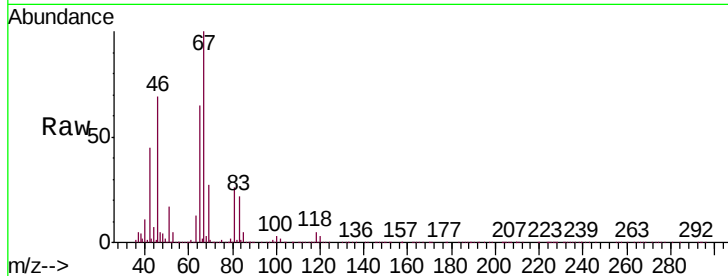




#37
 1,2-Dichloropropane
 Concen: 0.538 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR025836.D
 Acq: 25 Sep 2018 00:42

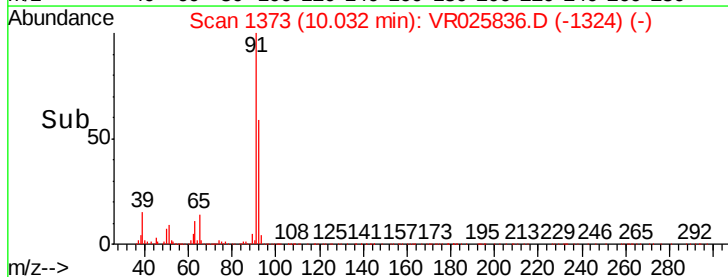
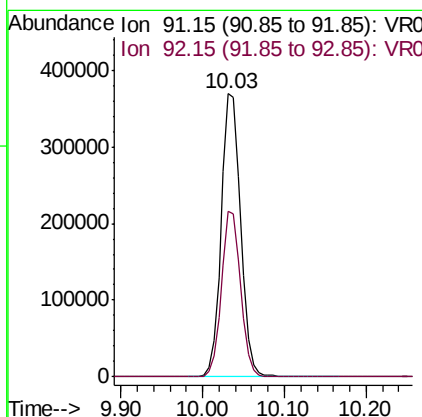
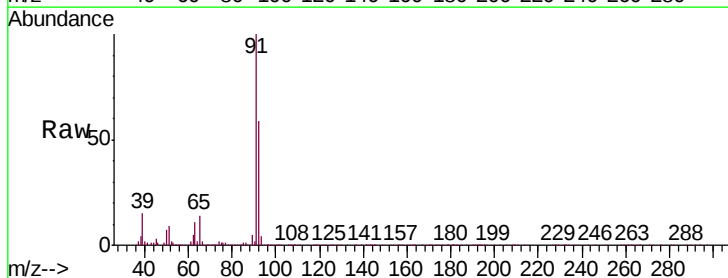
Instrument :
 MSVOA_R
 ClientSampled :
 ETO21MSD

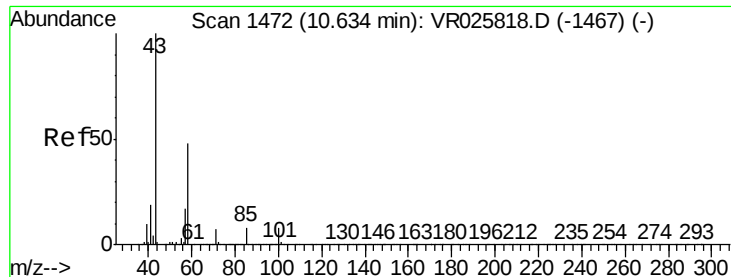
Tgt Ion: 63 Resp: 17471
 Ion Ratio Lower Upper
 63 100
 112 0.5 2.5 3.7#



#42
 Toluene
 Concen: 4.104 ug/L
 RT: 10.03 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: VR025836.D
 Acq: 25 Sep 2018 00:42

Tgt Ion: 91 Resp: 608791
 Ion Ratio Lower Upper
 91 100
 92 58.6 41.8 77.6

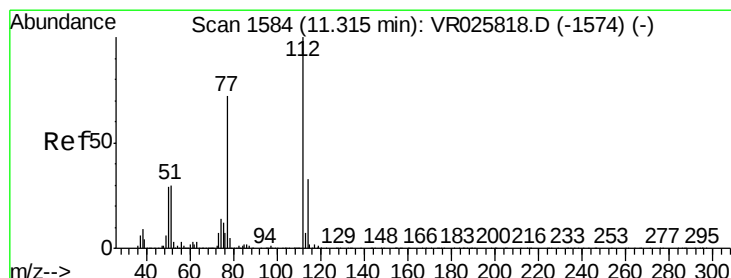
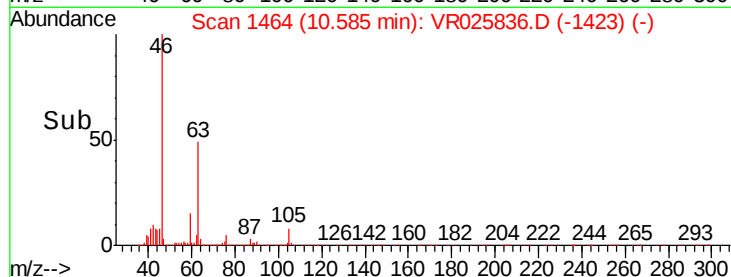
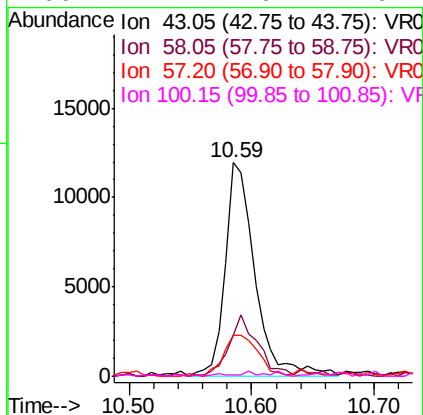
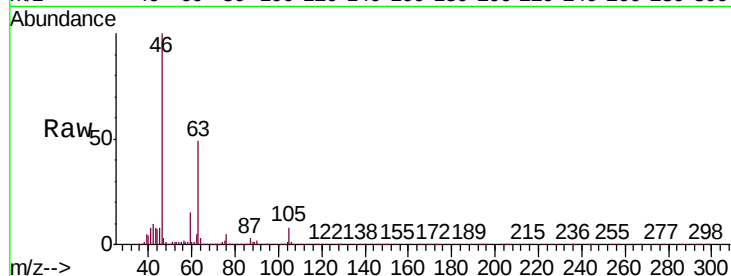




#48
2-Hexanone
Concen: 2.708 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR025836.D
Acq: 25 Sep 2018 00:42

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Tgt Ion:	43	Resp:	20124
Ion	Ratio	Lower	Upper
43	100		
58	27.8	39.5	59.3#
57	22.1	14.6	21.8#
100	1.1	6.7	10.1#



#51
Chlorobenzene
Concen: 3.851 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR025836.D
Acq: 25 Sep 2018 00:42

Tgt Ion:	112	Resp:	299700
Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.7	42.3
77	75.9	58.5	87.7

