

Data File : VR025789.D
Acq On : 21 Sep 2018 00:18
Operator : SY/MD
Sample : J4991-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T25

Quant Time: Sep 21 07:44:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	504131	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	407808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	101959	4.73	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	2.62	69	93074	5.07	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	3.61	63	159528	2.68	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	6.59	46	211076	54.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.22%
24) Chloroform-d	7.20	84	267307	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	7.90	65	125548	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	7.85	84	484212	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	8.90	67	148535	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	9.97	98	385314	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	10.24	79	40518	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	10.59	63	185890	52.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69629	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	89501	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

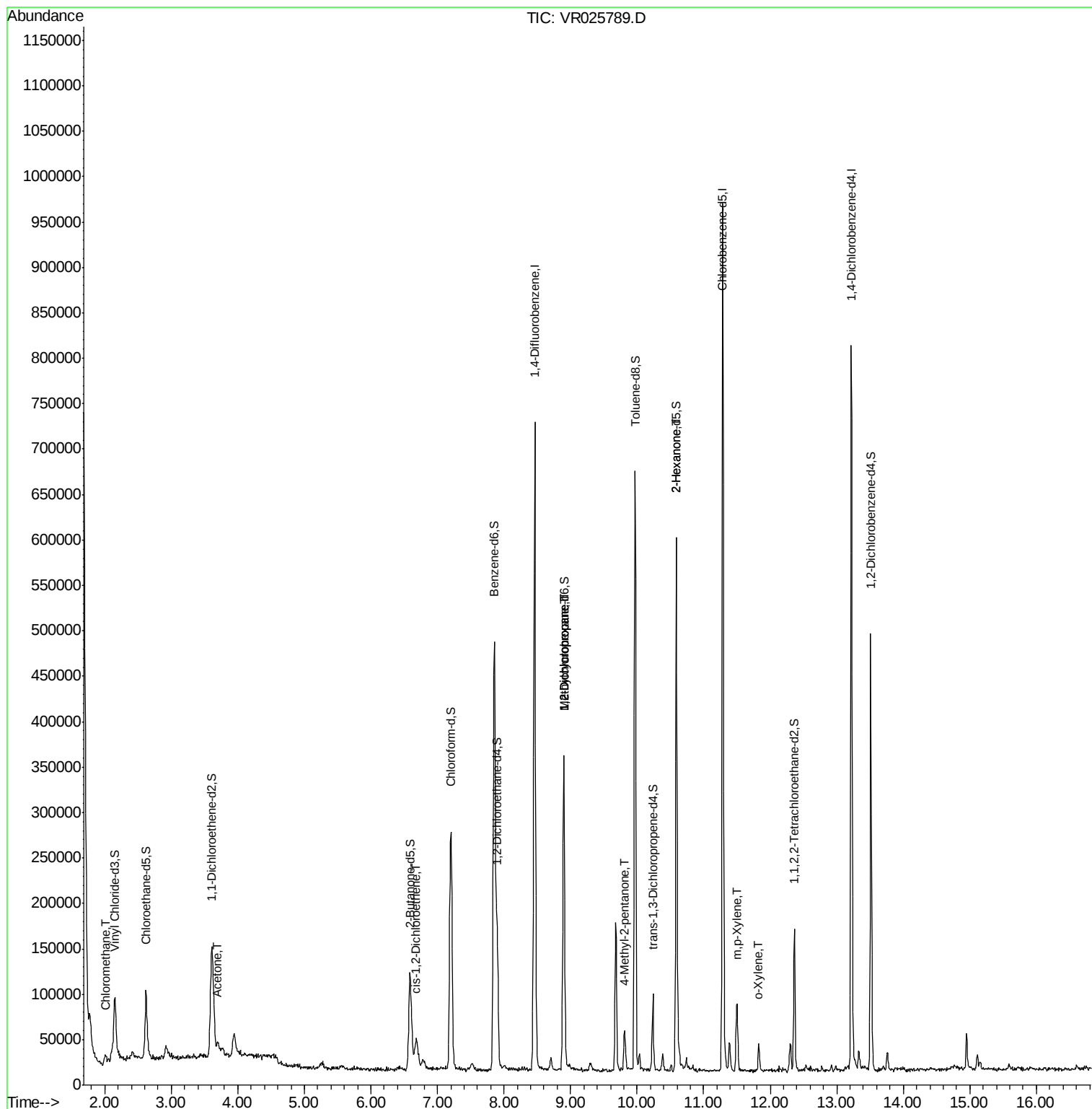
						Qvalue
3) Chloromethane	2.01	50	8987	0.159	ug/L	98
13) Acetone	3.70	43	34742	16.919	ug/L	94
22) cis-1,2-Dichloroethene	6.68	96	10189	0.204	ug/L #	84
35) Methylcyclohexane	8.90	83	37257	0.399	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	19361	0.432	ug/L #	89
40) 4-Methyl-2-pentanone	9.81	43	23312	1.470	ug/L #	50
48) 2-Hexanone	10.59	43	26488	2.510	ug/L #	71
53) m,p-Xylene	11.50	106	19156	0.212	ug/L	93
54) o-Xylene	11.83	106	6725	0.081	ug/L	83

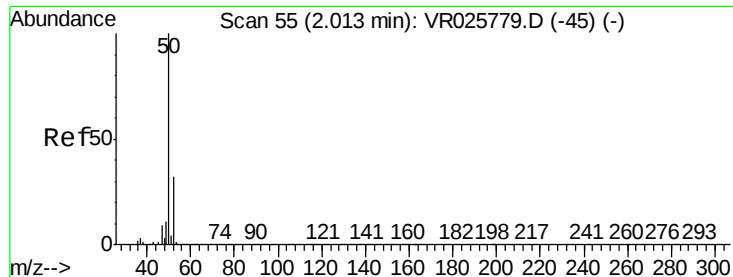
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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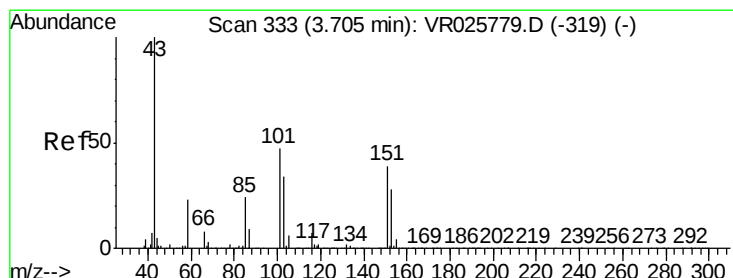
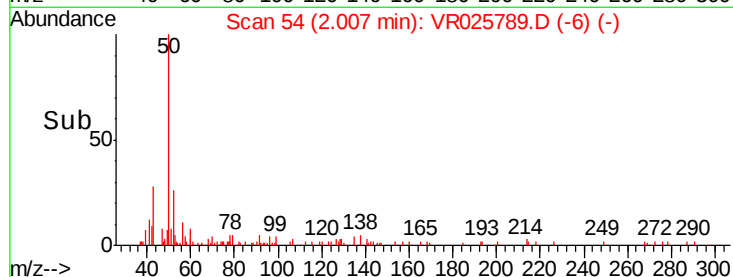
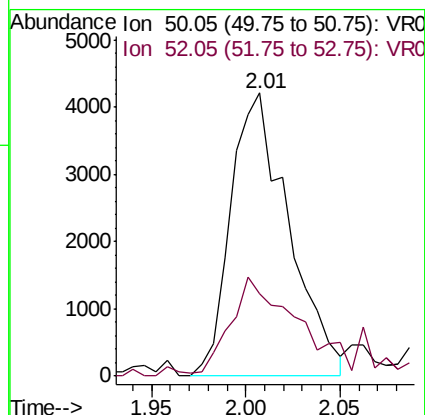
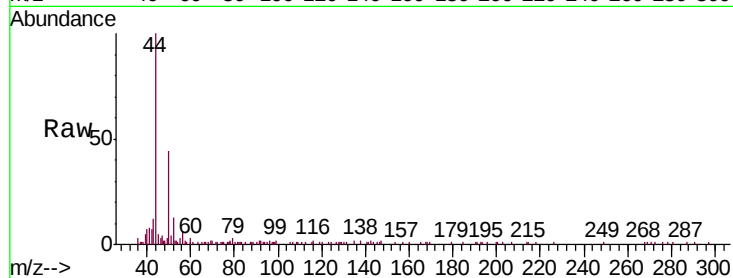




#3
Chloromethane
Concen: 0.159 ug/L
RT: 2.01 min Scan# 54
Delta R.T. -0.01 min
Lab File: VR025789.D
Acq: 21 Sep 2018 00:18

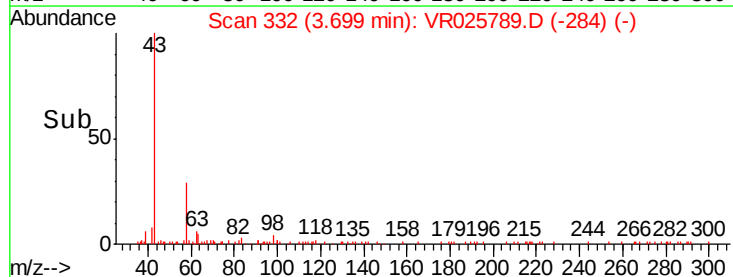
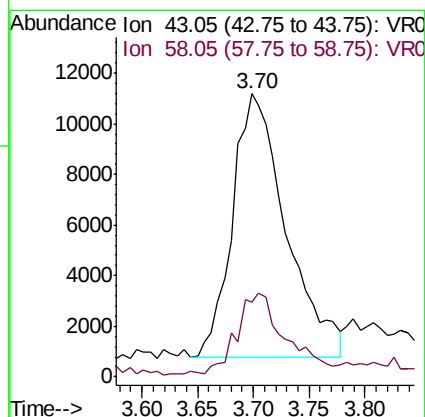
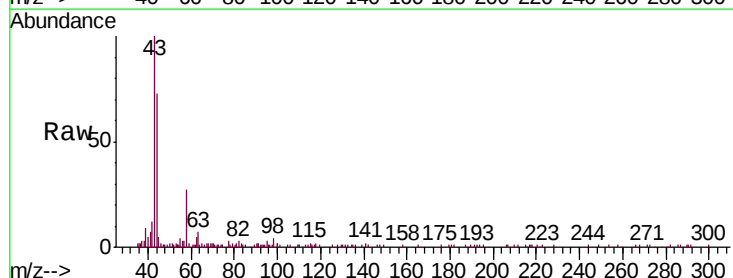
Instrument :
MSVOA_R
ClientSampleId :
C0T25

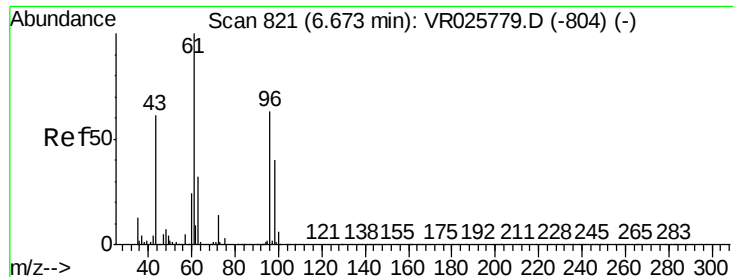
Tgt Ion: 50 Resp: 8987
Ion Ratio Lower Upper
50 100
52 29.3 21.3 39.6



#13
Acetone
Concen: 16.919 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.01 min
Lab File: VR025789.D
Acq: 21 Sep 2018 00:18

Tgt Ion: 43 Resp: 34742
Ion Ratio Lower Upper
43 100
58 27.9 0.0 63.0





#22

cis-1,2-Dichloroethene

Concen: 0.204 ug/L

RT: 6.68 min Scan# 822

Delta R.T. 0.01 min

Lab File: VR025789.D

Acq: 21 Sep 2018 00:18

Instrument :

MSVOA_R

ClientSampleId :

C0T25

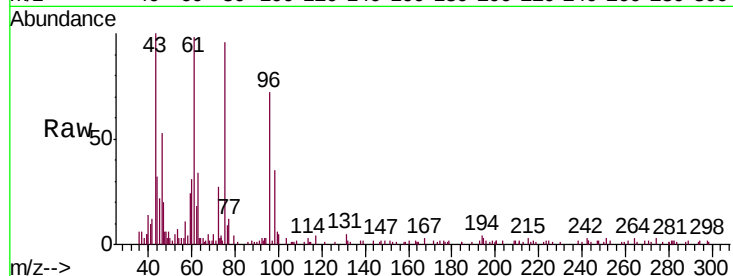
Tgt Ion: 96 Resp: 10189

Ion Ratio Lower Upper

96 100

61 137.0 110.8 205.8

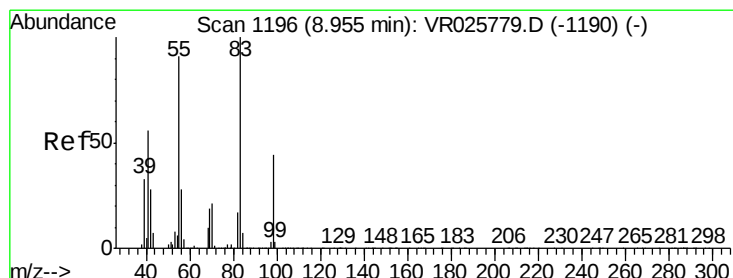
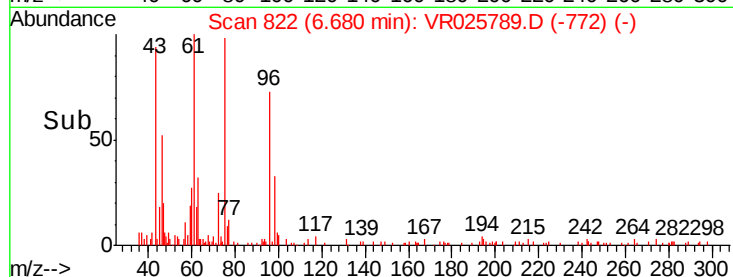
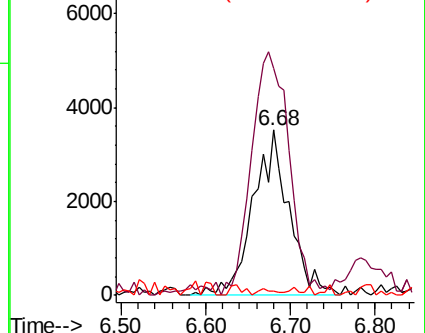
68 2.7 0.1 0.1#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0



#35

Methylcyclohexane

Concen: 0.399 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025789.D

Acq: 21 Sep 2018 00:18

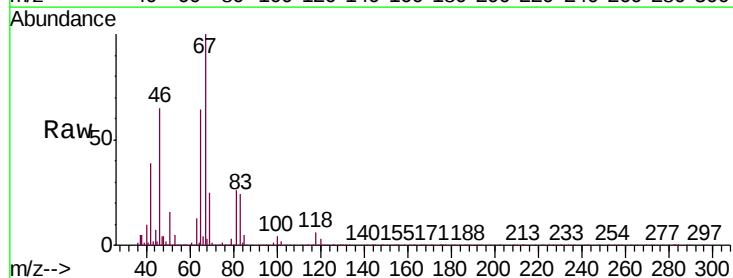
Tgt Ion: 83 Resp: 37257

Ion Ratio Lower Upper

83 100

55 0.4 70.3 105.5#

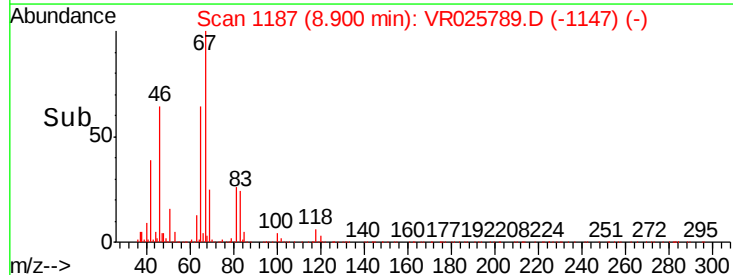
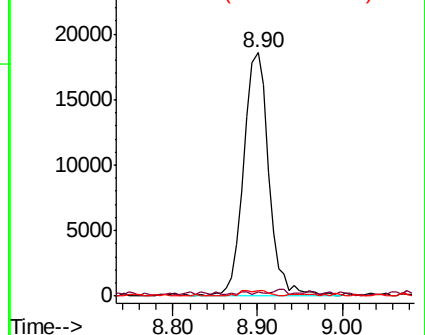
98 1.3 34.4 51.6#

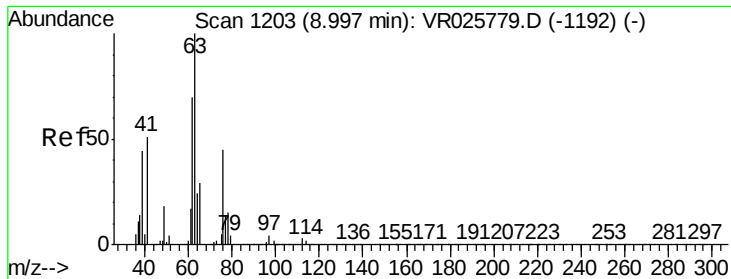


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

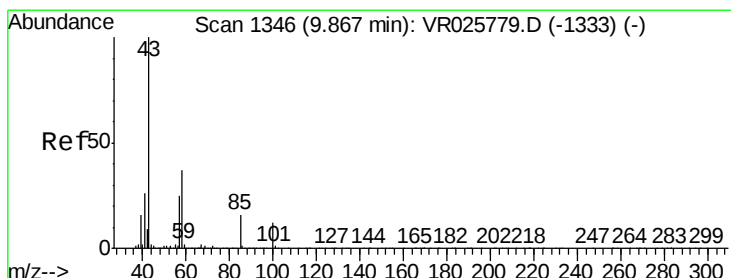
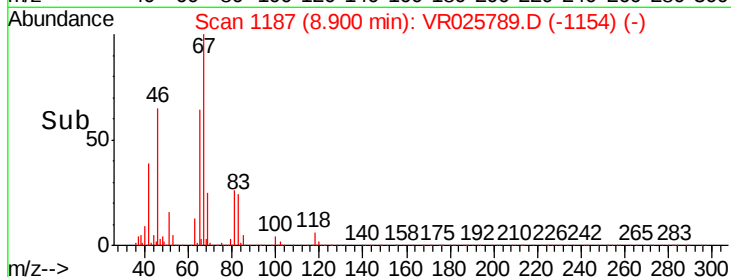
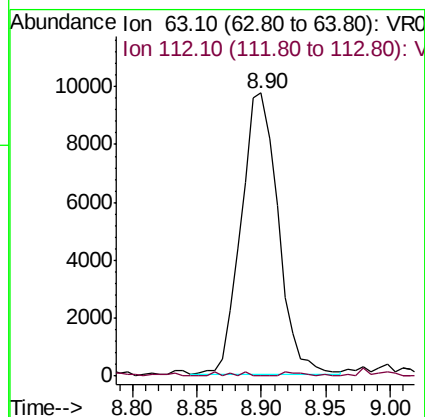
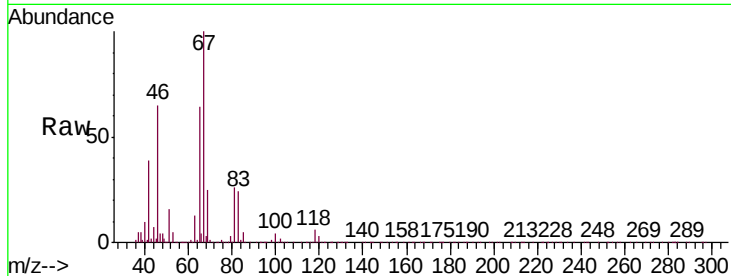




#37
 1,2-Dichloropropane
 Concen: 0.432 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025789.D
 Acq: 21 Sep 2018 00:18

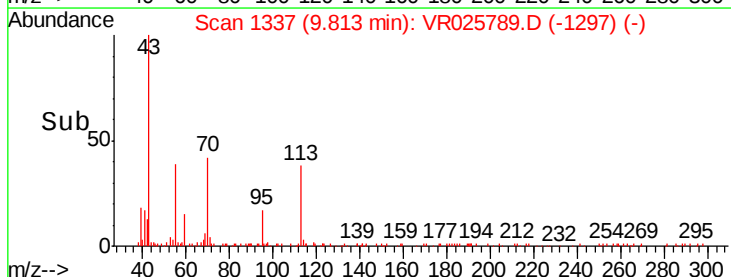
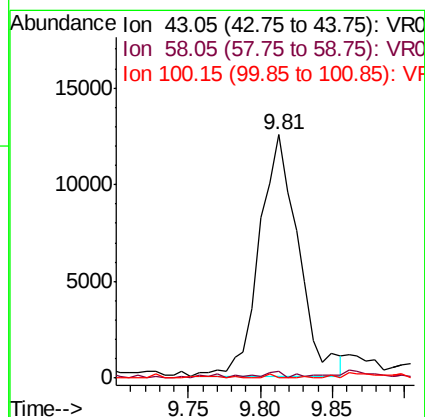
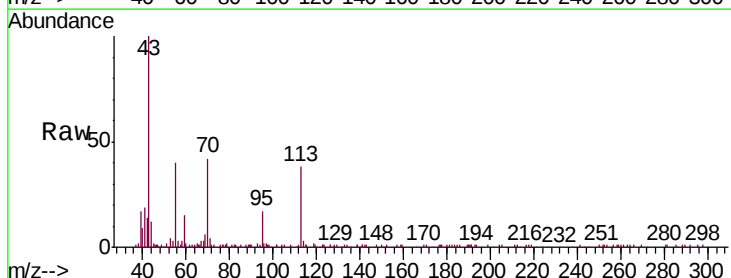
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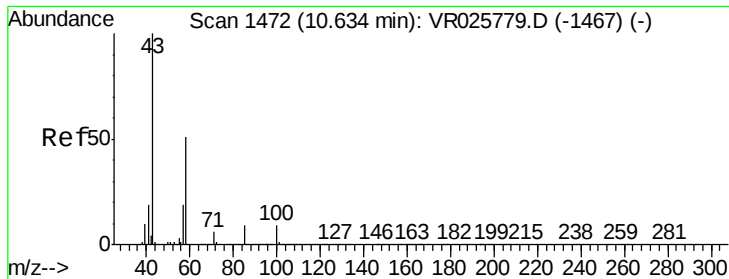
Tgt Ion: 63 Resp: 19361
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.0 4.6#



#40
 4-Methyl-2-pentanone
 Concen: 1.470 ug/L
 RT: 9.81 min Scan# 1337
 Delta R.T. -0.05 min
 Lab File: VR025789.D
 Acq: 21 Sep 2018 00:18

Tgt Ion: 43 Resp: 23312
 Ion Ratio Lower Upper
 43 100
 58 2.2 28.3 42.5#
 100 0.0 9.3 13.9#

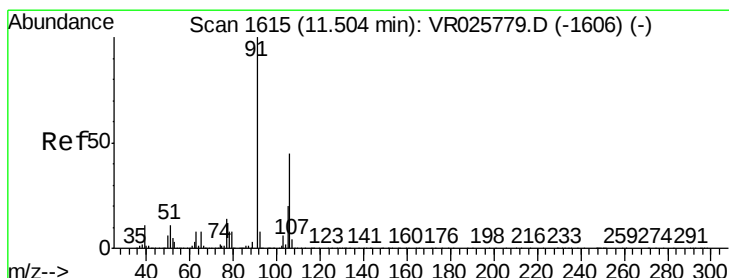
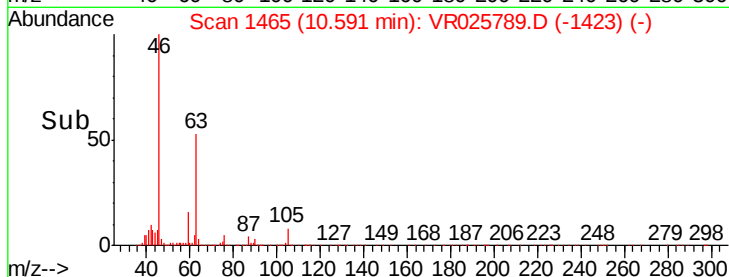
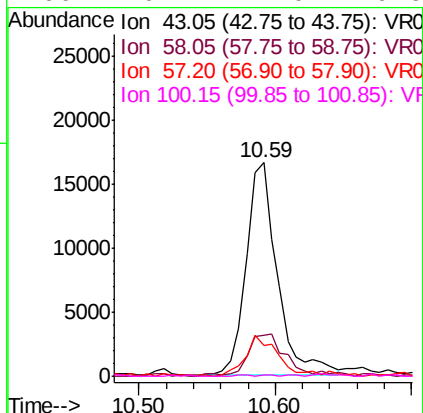
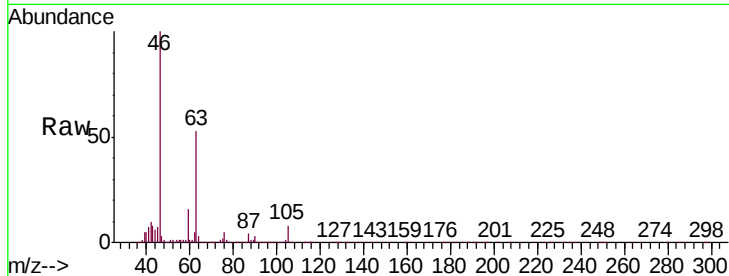




#48
2-Hexanone
Concen: 2.510 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025789.D
Acq: 21 Sep 2018 00:18

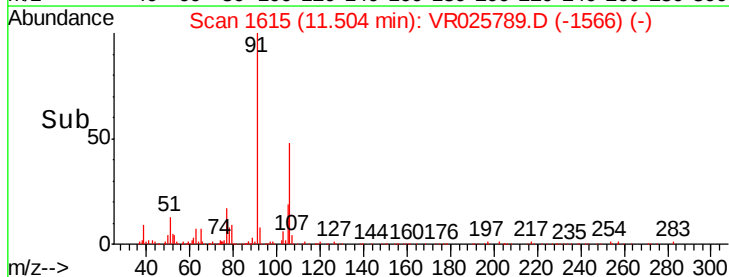
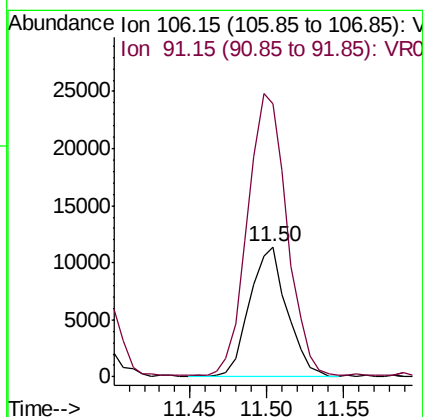
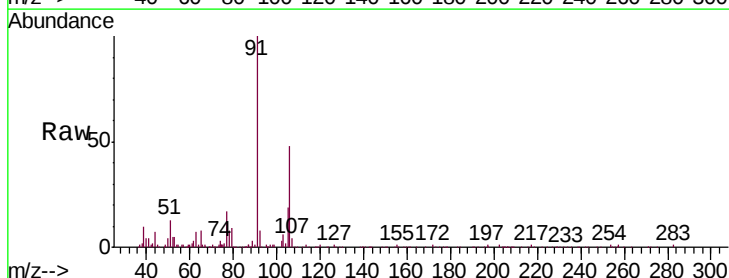
Instrument :
MSVOA_R
ClientSampleId :
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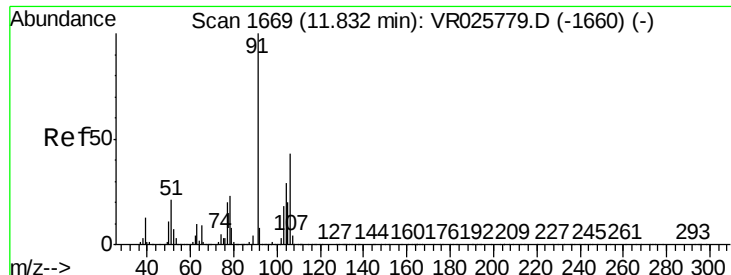
Tgt Ion:	43	Resp:	26488
Ion	Ratio	Lower	Upper
43	100		
58	23.6	39.9	59.9#
57	20.0	14.3	21.5
100	0.2	7.0	10.6#



#53
m,p-Xylene
Concen: 0.212 ug/L
RT: 11.50 min Scan# 1615
Delta R.T. 0.00 min
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Tgt Ion:	106	Resp:	19156
Ion	Ratio	Lower	Upper
106	100		
91	209.3	154.3	286.5





#54
o-Xylene
Concen: 0.081 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. -0.01 min
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Instrument :
MSVOA_R
ClientSampleId :
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Tgt Ion:106 Resp: 6725
Ion Ratio Lower Upper
106 100
91 268.2 167.1 310.3

