

Data File : VR025815.D
Acq On : 21 Sep 2018 23:38
Operator : SY/MD
Sample : J5030-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEY71

Quant Time: Sep 22 04:39:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 22 04:37:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	171409	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	148460	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	51354	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	62315	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	2.62	69	49799	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	3.61	63	103919	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	6.59	46	186396	113.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	227.84%#
24) Chloroform-d	7.20	84	120297	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.89	65	77437	6.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	139.60%#
32) Benzene-d6	7.85	84	240775	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	8.90	67	77174	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	9.97	98	206233	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	10.24	79	19194	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	10.59	63	135157	97.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	194.60%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	46417	8.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	162.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	44654	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

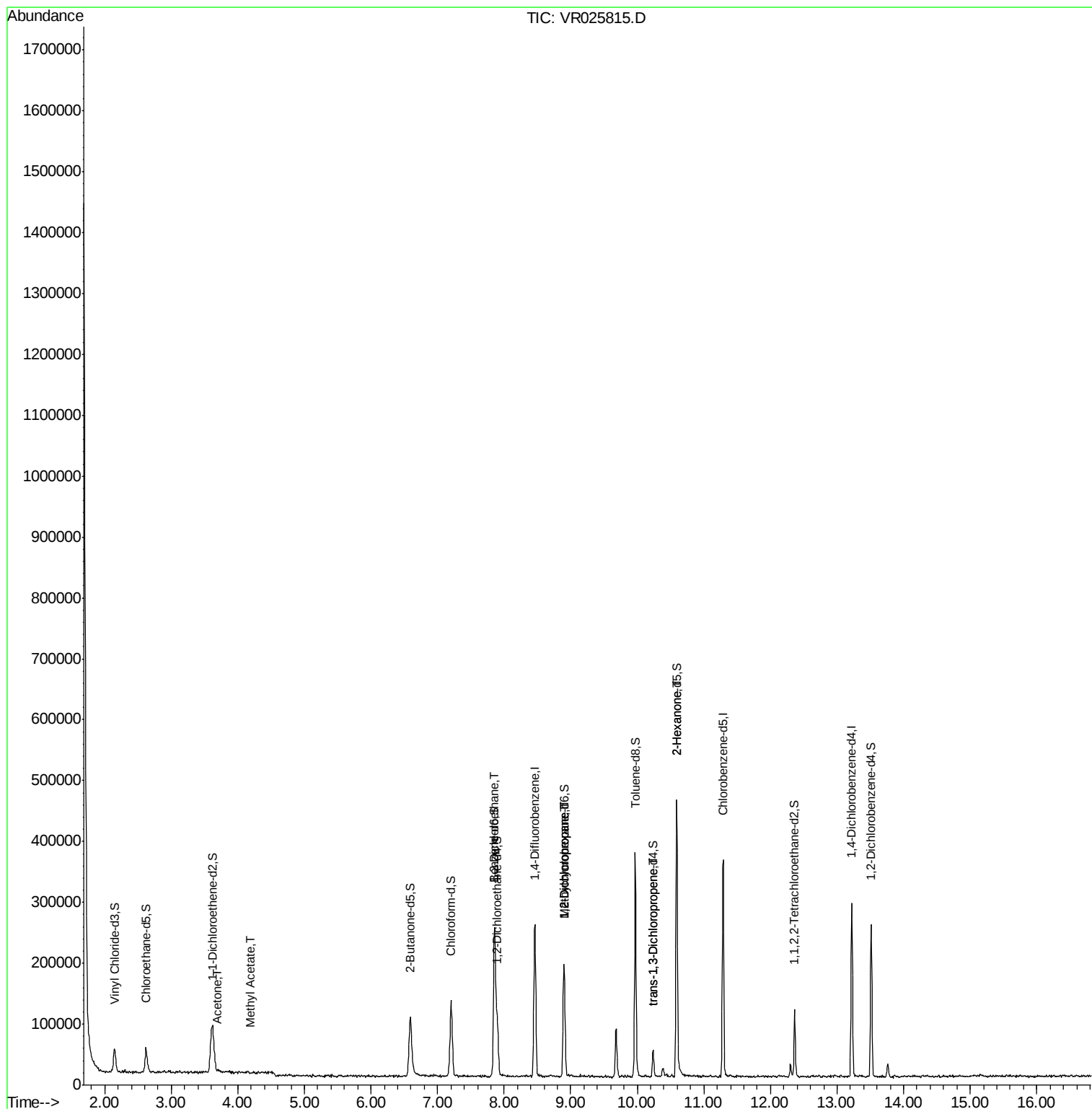
					Qvalue
13) Acetone	3.70	43	2589	2.398 ug/L	92
15) Methyl Acetate	4.19	43	1452	0.419 ug/L #	83
27) 1,2-Dichloroethane	7.85	62	2378	0.146 ug/L	99
35) Methylcyclohexane	8.90	83	18798	0.554 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	9720	0.559 ug/L #	91
44) trans-1,3-Dichloropropene	10.24	75	1387	0.094 ug/L #	40
48) 2-Hexanone	10.59	43	19823	4.982 ug/L #	73

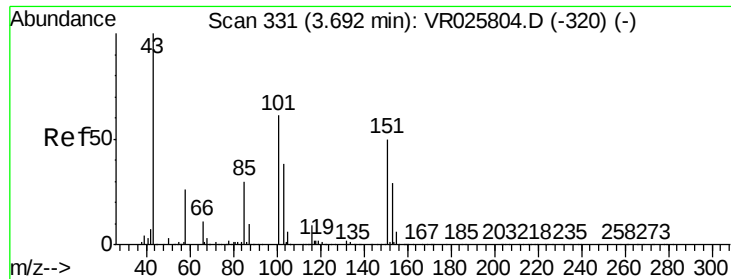
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.398 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR025815.D

Acq: 21 Sep 2018 23:38

Instrument :

MSVOA_R

ClientSampleID :

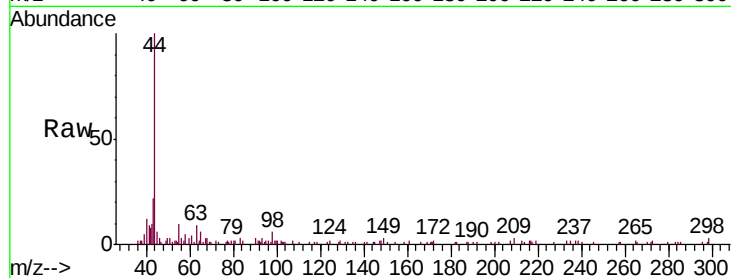
BEY71

Tgt Ion: 43 Resp: 2589

Ion Ratio Lower Upper

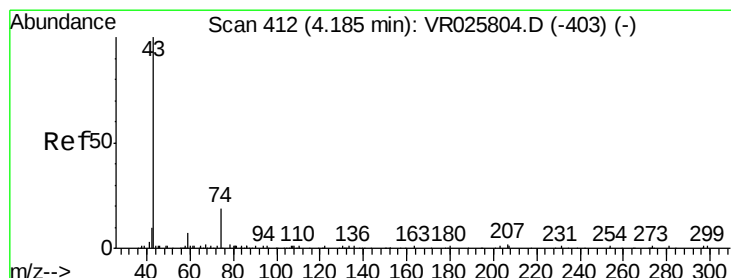
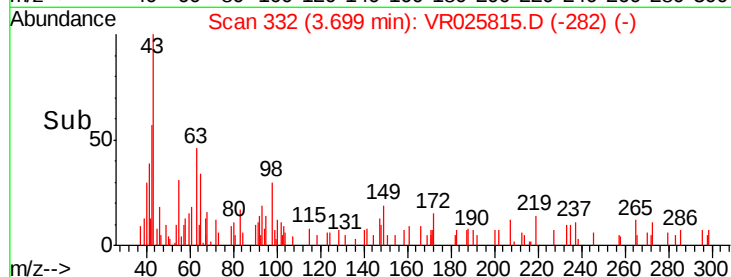
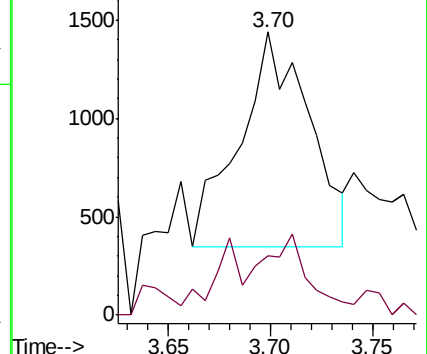
43 100

58 21.8 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.419 ug/L

RT: 4.19 min Scan# 412

Delta R.T. -0.00 min

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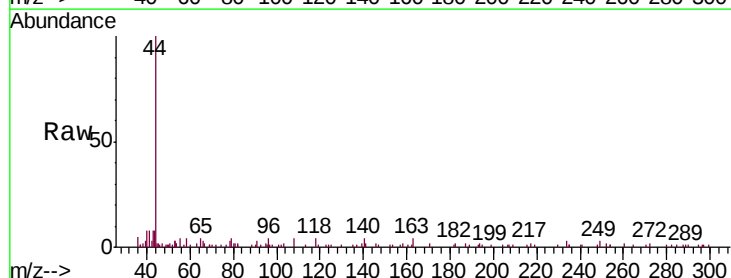
Acq: 21 Sep 2018 23:38

Tgt Ion: 43 Resp: 1452

Ion Ratio Lower Upper

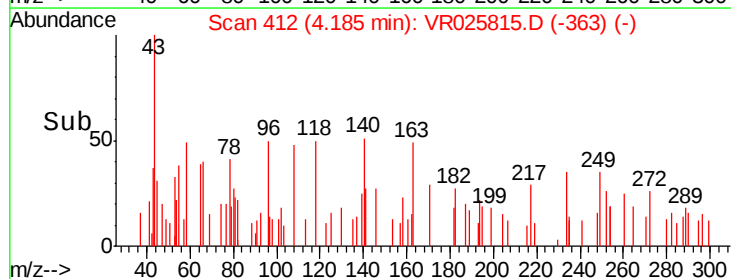
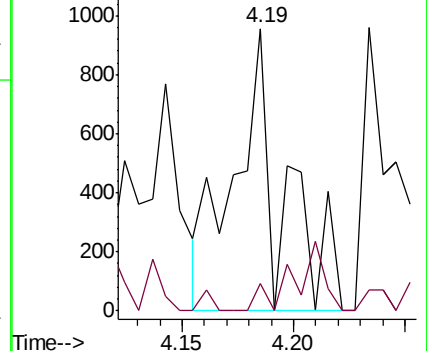
43 100

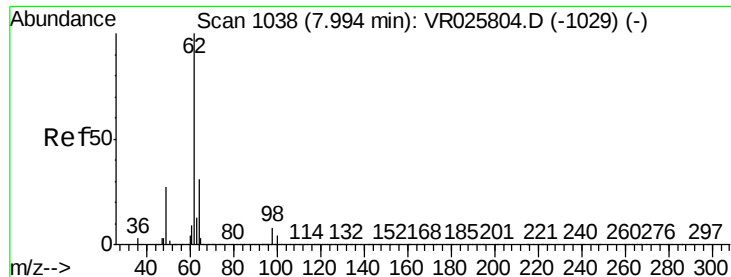
74 15.6 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

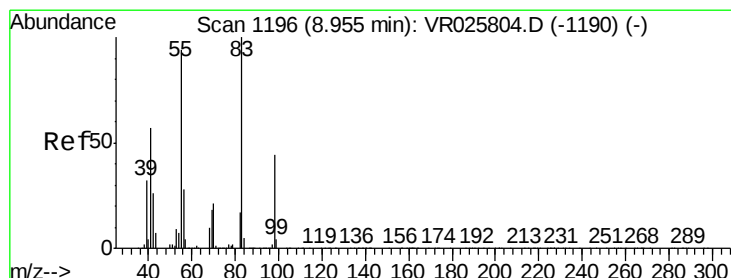
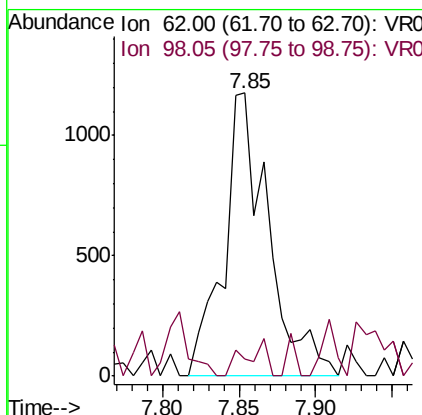
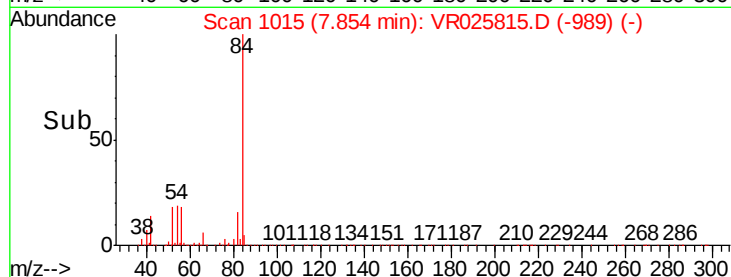
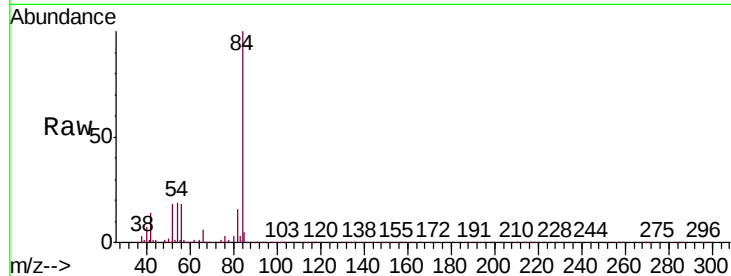




#27
 1,2-Dichloroethane
 Concen: 0.146 ug/L
 RT: 7.85 min Scan# 1015
 Delta R.T. -0.14 min
 Lab File: VR025815.D
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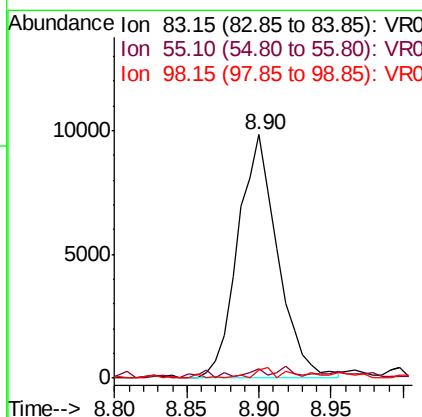
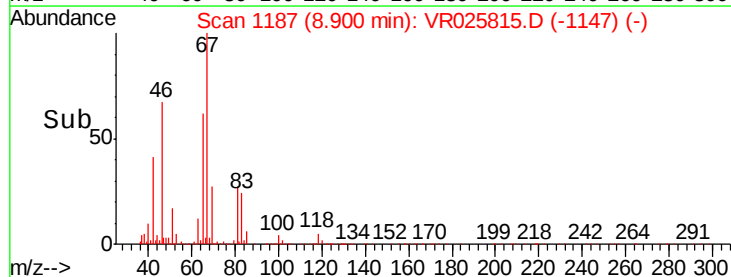
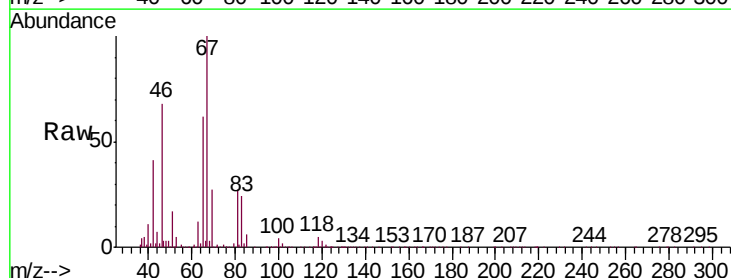
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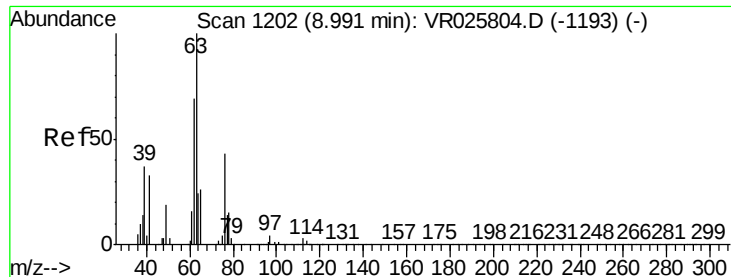
Tgt Ion: 62 Resp: 2378
 Ion Ratio Lower Upper
 62 100
 98 6.0 5.2 7.8



#35
 Methylcyclohexane
 Concen: 0.554 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR025815.D
 Acq: 21 Sep 2018 23:38

Tgt Ion: 83 Resp: 18798
 Ion Ratio Lower Upper
 83 100
 55 1.1 71.8 107.6#
 98 1.9 34.2 51.4#

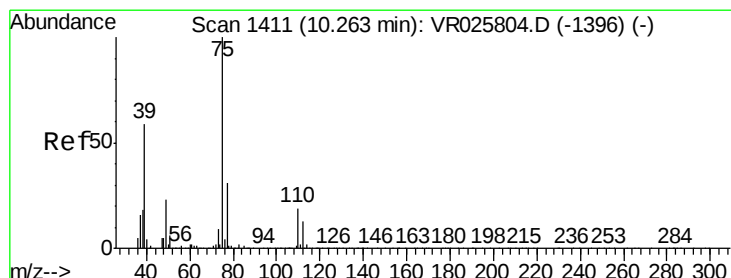
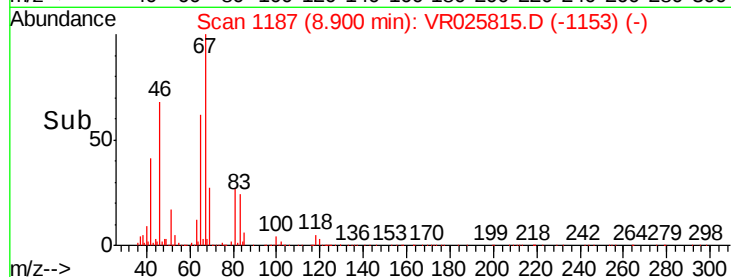
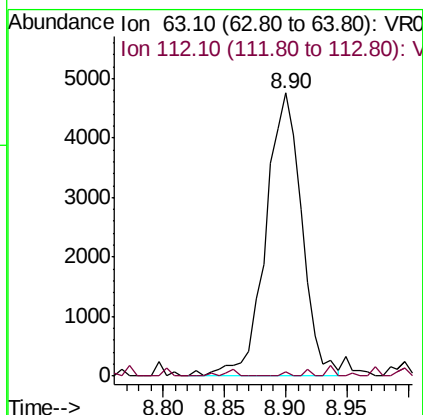
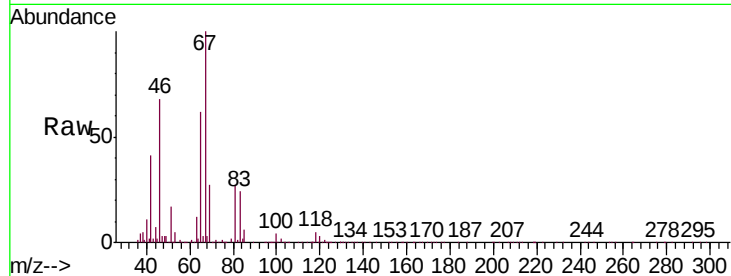




#37
 1,2-Dichloropropane
 Concen: 0.559 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR025815.D
 Acq: 21 Sep 2018 23:38

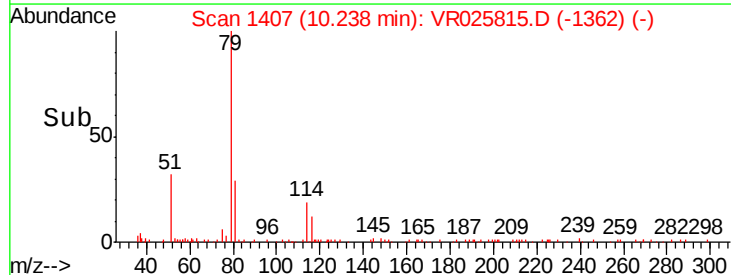
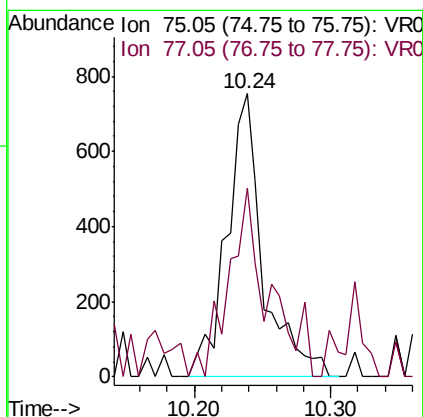
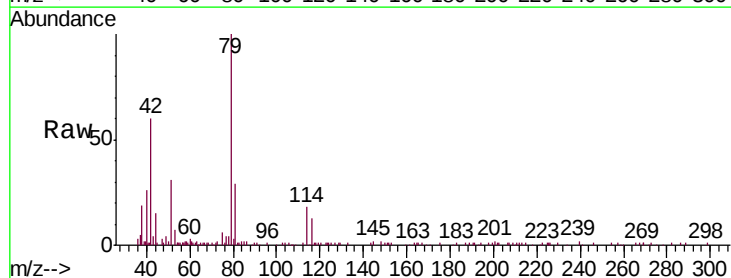
Instrument :
 MSVOA_R
 ClientSampleID :
 BEY71

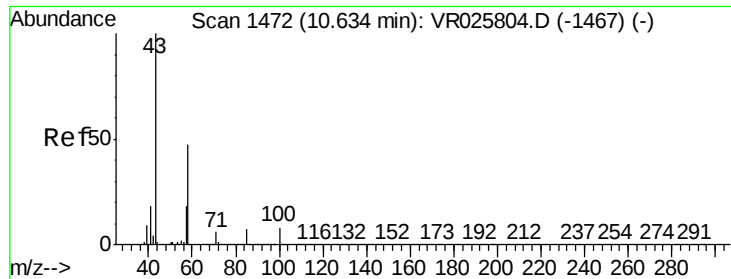
Tgt Ion: 63 Resp: 9720
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.5 3.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 10.24 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VR025815.D
 Acq: 21 Sep 2018 23:38

Tgt Ion: 75 Resp: 1387
 Ion Ratio Lower Upper
 75 100
 77 66.5 23.0 42.8#





#48

2-Hexanone

Concen: 4.982 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025815.D

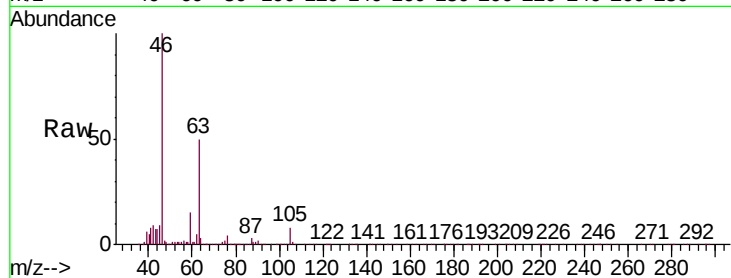
Acq: 21 Sep 2018 23:38

Instrument :

MSVOA_R

ClientSampleId :

BEY71



Tgt Ion:	43	Resp:	19823
Ion	Ratio	Lower	Upper
43	100		
58	27.1	39.5	59.3#
57	24.0	14.6	21.8#
100	1.1	6.7	10.1#

