

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025719.D
 Acq On : 13 Sep 2018 18:01
 Operator : SY/MD
 Sample : J4887-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ2

Quant Time: Sep 14 06:58:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 06:42:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	663406	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	578119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	170377	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	136782	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	2.63	69	115663	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	3.62	63	272556	3.46	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	6.59	46	118875	40.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.66%
24) Chloroform-d	7.20	84	282303	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	7.90	65	97418	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	7.86	84	642499	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	8.91	67	168207	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	9.97	98	558040	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	10.24	79	31554	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	10.59	63	124605	40.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.20%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74601	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	127872	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

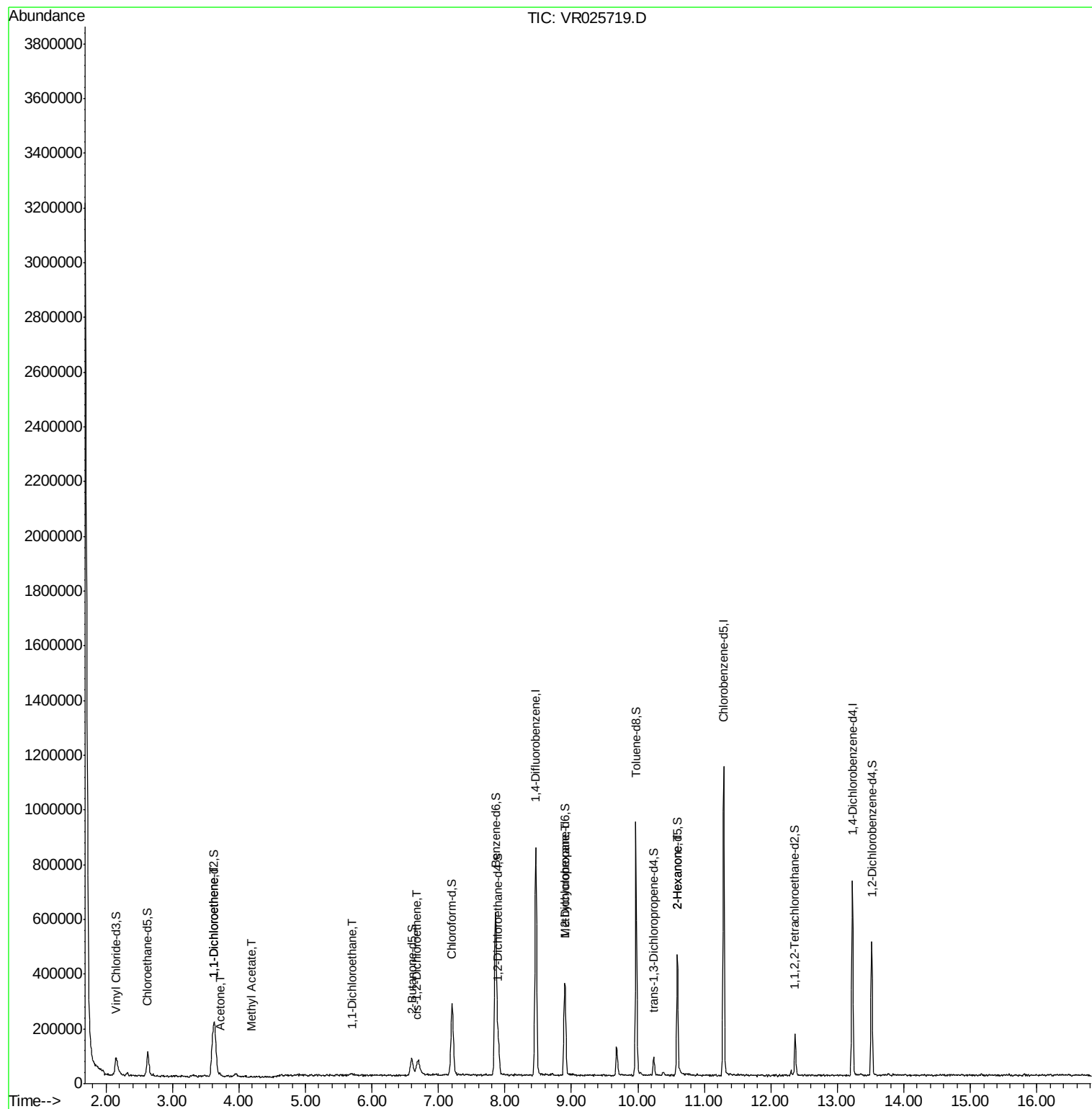
					Ovalue
12) 1,1-Dichloroethene	3.62	96	16874	0.39 ug/L #	1
13) Acetone	3.72	43	4137	2.11 ug/L	97
15) Methyl Acetate	4.18	43	793	0.11 ug/L #	69
19) 1,1-Dichloroethane	5.69	63	7192	0.09 ug/L #	86
22) cis-1,2-Dichloroethene	6.67	96	8107	0.18 ug/L #	85
35) Methylcyclohexane	8.90	83	38169	0.50 ug/L #	21
48) 2-Hexanone	10.59	43	17388	2.16 ug/L #	63

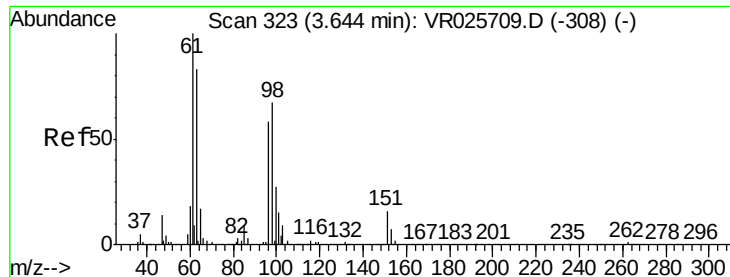
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.39 ug/L

RT: 3.62 min Scan# 319

Delta R.T. -0.02 min

Lab File: VR025719.D

Acq: 13 Sep 2018 18:01

Instrument :

MSVOA_R

ClientSampleId :

C0KQ2

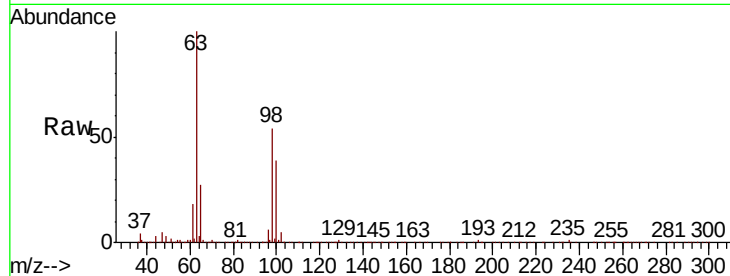
Tot Ion: 96 Resp: 16874

Ion Ratio Lower Upper

96 100

61 305.5 128.4 238.4#

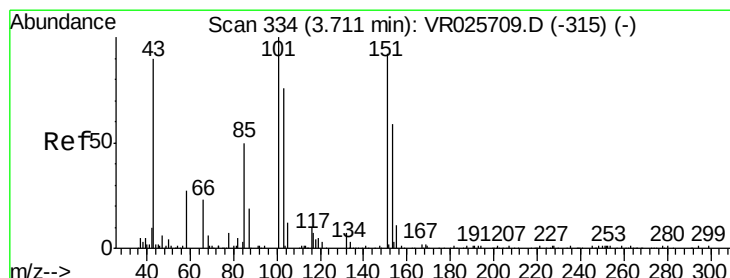
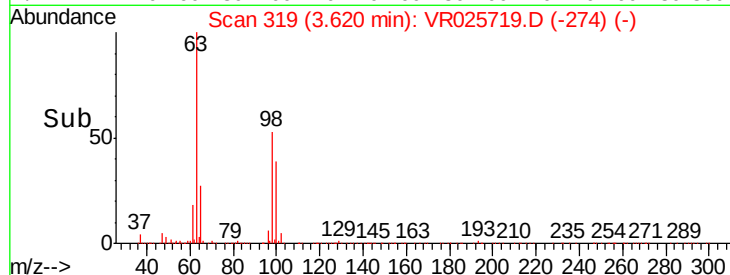
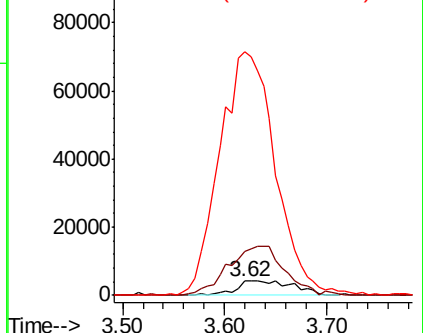
63 1706.7 101.1 187.7#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 2.11 ug/L

RT: 3.72 min Scan# 335

Delta R.T. 0.01 min

Lab File: VR025719.D

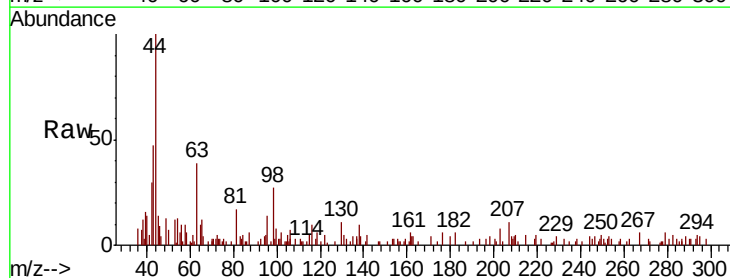
Acq: 13 Sep 2018 18:01

Tgt Ion: 43 Resp: 4137

Ion Ratio Lower Upper

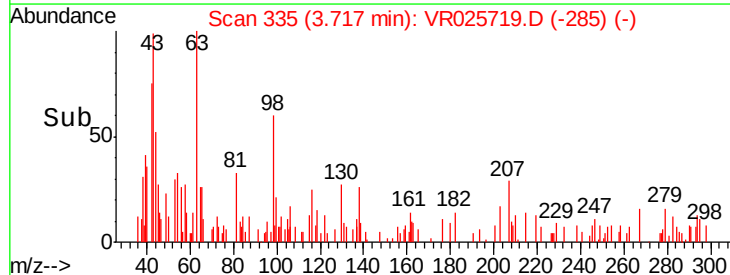
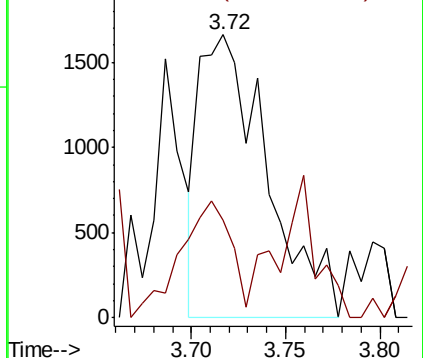
43 100

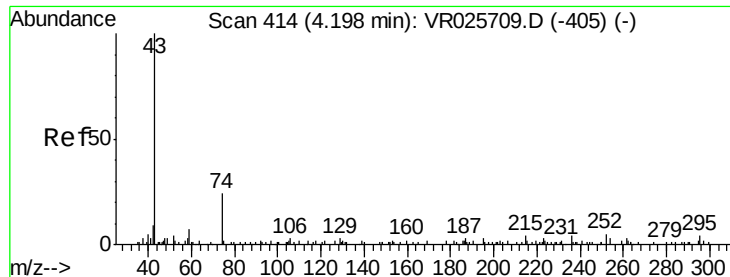
58 28.2 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

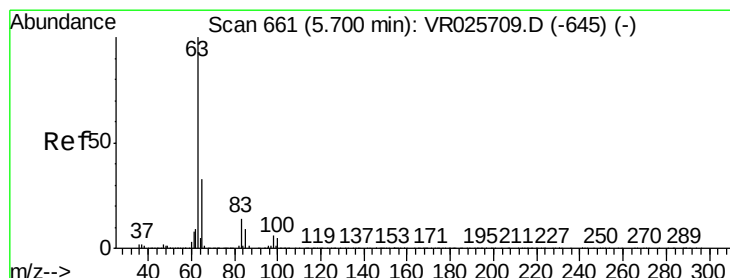
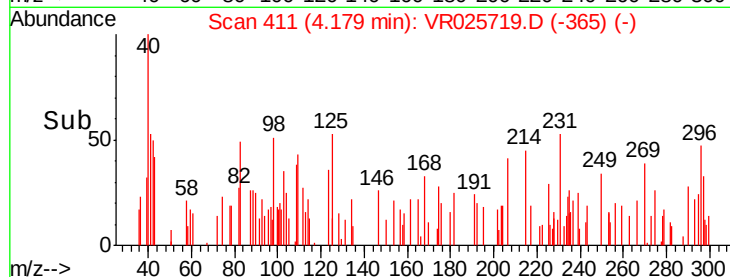
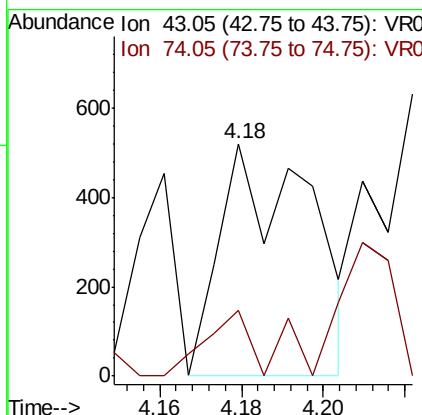
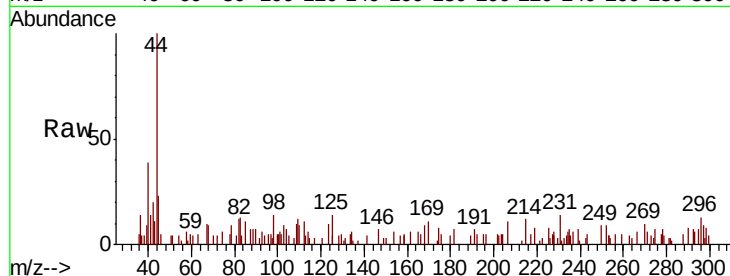




#15
Methyl Acetate
Concen: 0.11 ug/L
RT: 4.18 min Scan# 411
Delta R.T. -0.02 min
Lab File: VR025719.D
Acq: 13 Sep 2018 18:01

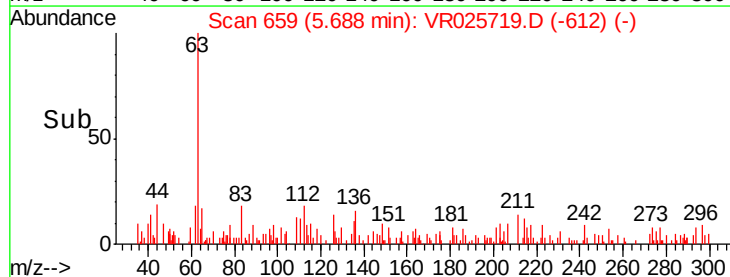
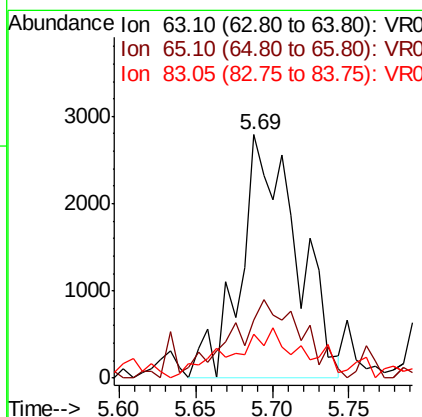
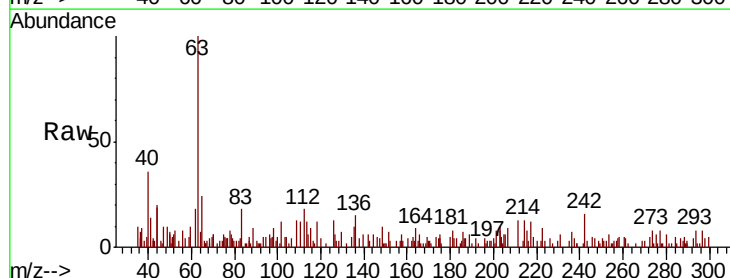
Instrument :
MSVOA_R
ClientSampled :
C0KQ2

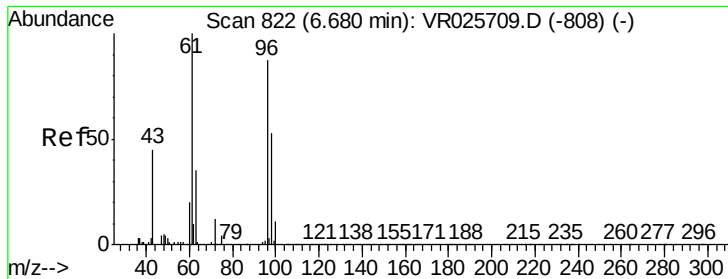
Tot Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
74 13.5 24.2 36.4#



#19
1,1-Dichloroethane
Concen: 0.09 ug/L
RT: 5.69 min Scan# 659
Delta R.T. -0.01 min
Lab File: VR025719.D
Acq: 13 Sep 2018 18:01

Tgt Ion: 63 Resp: 7192
Ion Ratio Lower Upper
63 100
65 24.0 21.9 40.7
83 17.8 7.6 14.2#



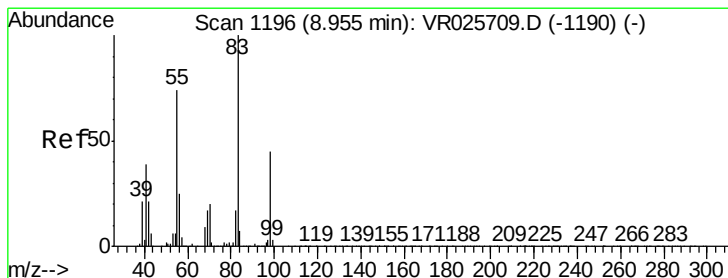
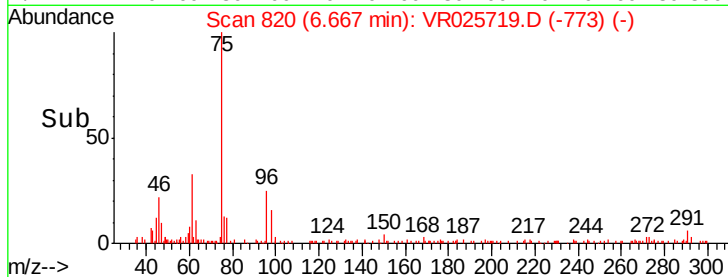
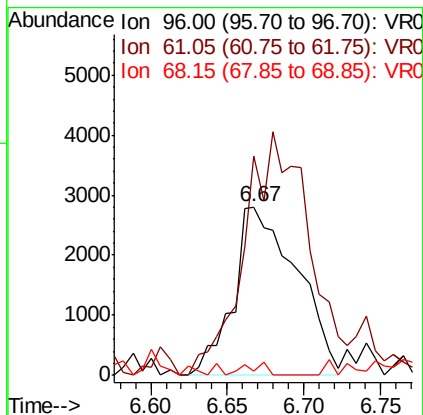
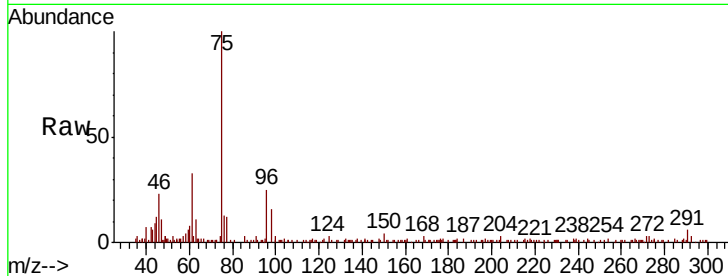


#22

cis-1,2-Dichloroethene
Concen: 0.18 ug/L
RT: 6.67 min Scan# 820
Delta R.T. -0.01 min
Lab File: VR025719.D
Acq: 13 Sep 2018 18:01

Instrument :
MSVOA_R
ClientSampled :
C0KQ2

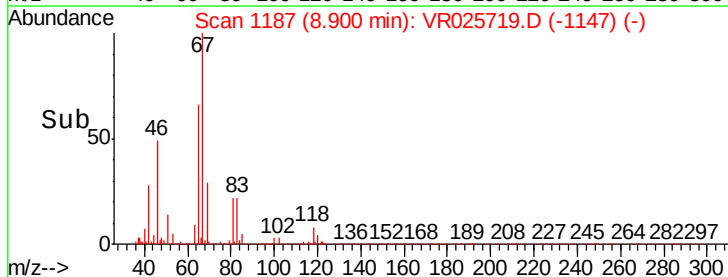
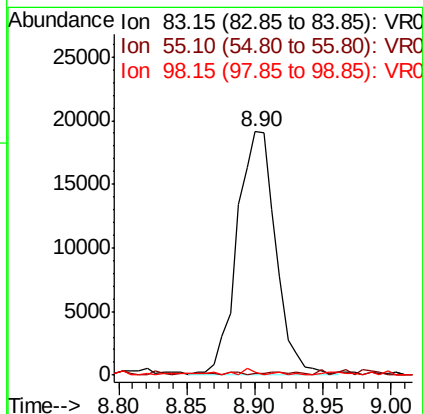
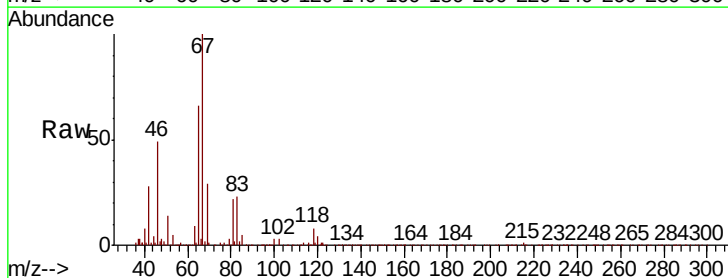
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.4	79.9	148.5
68	2.5	0.2	0.4

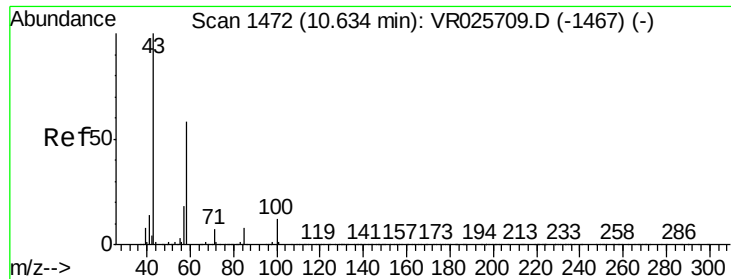


#35

Methylcyclohexane
Concen: 0.50 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025719.D
Acq: 13 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	58.9	88.3
98	1.0	36.9	55.3





#48

2-Hexanone

Concen: 2.16 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025719.D

Acq: 13 Sep 2018 18:01

Instrument :

MSVOA_R

ClientSampleId :

C0KQ2

Tot Ion: 43 Resp: 17388

Ion Ratio Lower Upper

43 100

58 29.7 45.8 68.8#

57 43.5 14.2 21.2#

100 9.7 8.6 13.0

