

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\
 Data File : VR026099.D
 Acq On : 16 Oct 2018 13:48
 Operator : SY/MD
 Sample : J5379-03DL 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 17 08:52:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 08:49:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	538773	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	447860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	133214	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	285853	6.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.20%
7) Chloroethane-d5	2.63	69	232423	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	3.61	63	500665	4.32	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	6.59	46	201701	52.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.20%
24) Chloroform-d	7.20	84	371152	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	7.90	65	155808	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	7.85	84	759510	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	8.90	67	204217	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	9.97	98	724436	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	10.24	79	45754	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	10.59	63	156353	55.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70115	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	123661	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

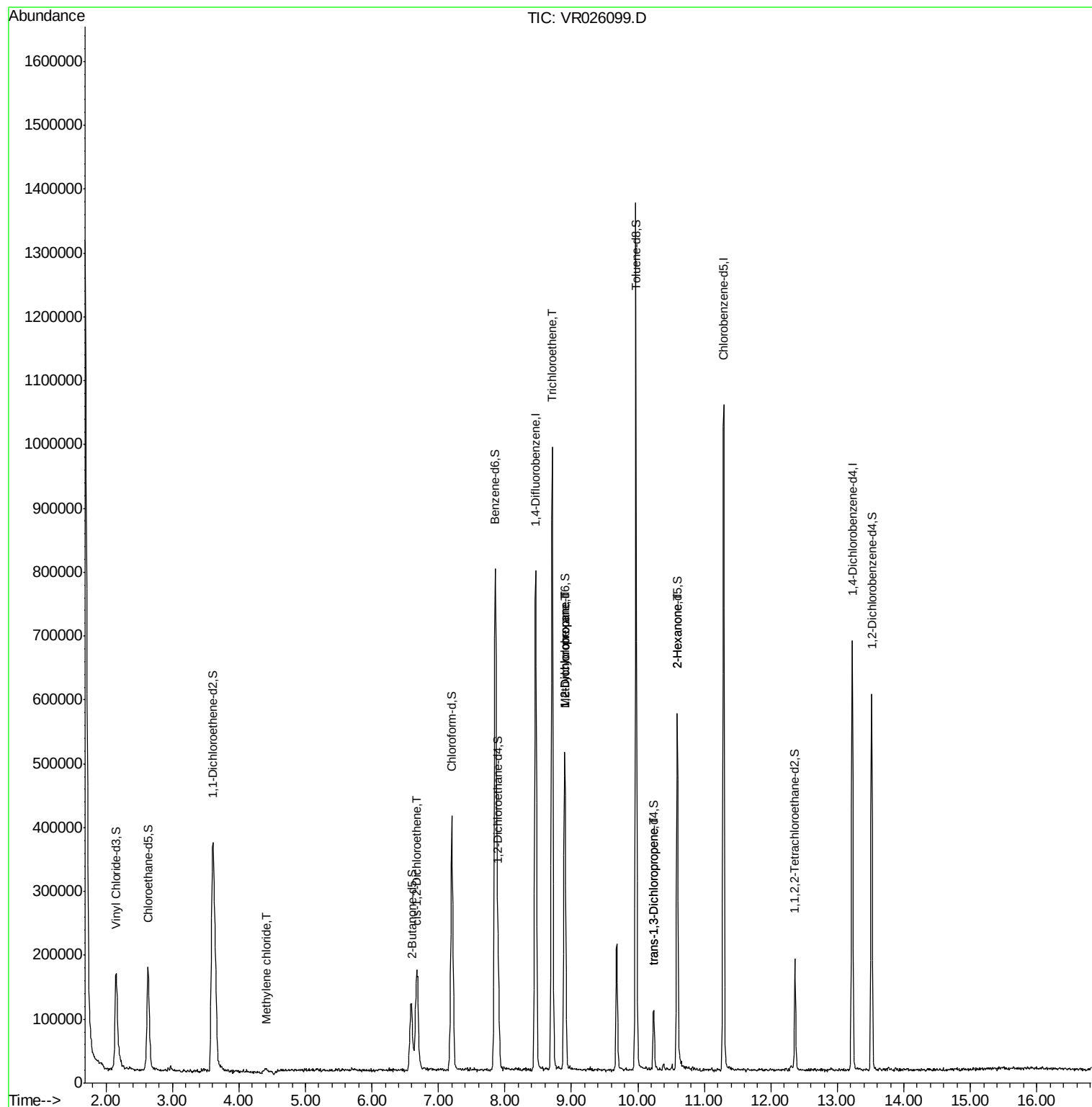
					Ovalue
16) Methylene chloride	4.42	84	4668	0.098 ug/L #	70
22) cis-1,2-Dichloroethene	6.68	96	80223	2.140 ug/L #	98
34) Trichloroethene	8.71	95	312468	7.265 ug/L	97
35) Methylcyclohexane	8.91	83	48002	0.750 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	27349	0.771 ug/L #	94
44) trans-1,3-Dichloropropene	10.23	75	2979	0.105 ug/L	88
48) 2-Hexanone	10.59	43	24789	3.505 ug/L #	70

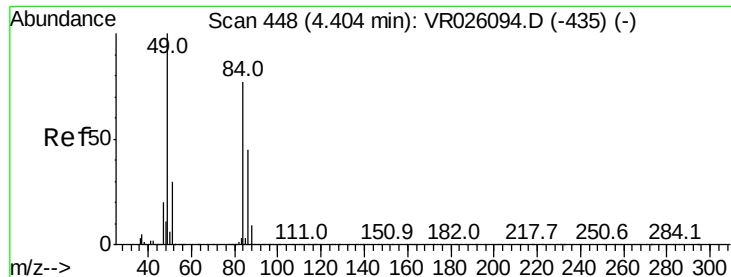
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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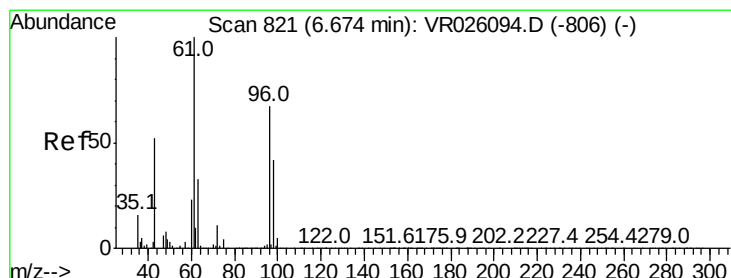
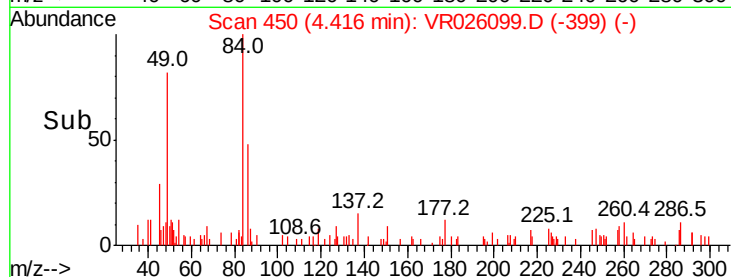
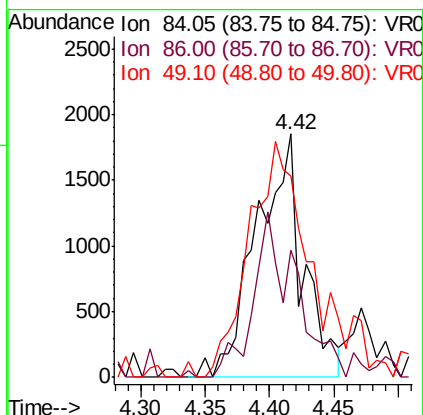
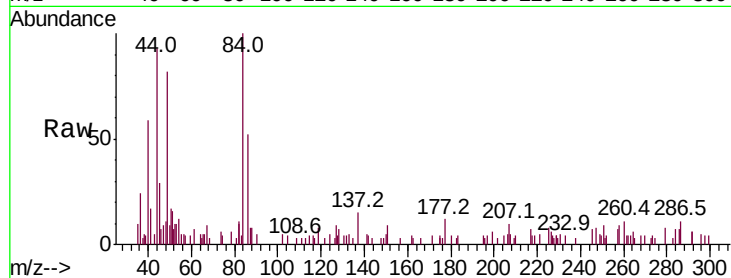




#16
Methylene chloride
Concen: 0.098 ug/L
RT: 4.42 min Scan# 450
Delta R.T. 0.01 min
Lab File: VR026099.D
Acq: 16 Oct 2018 13:48

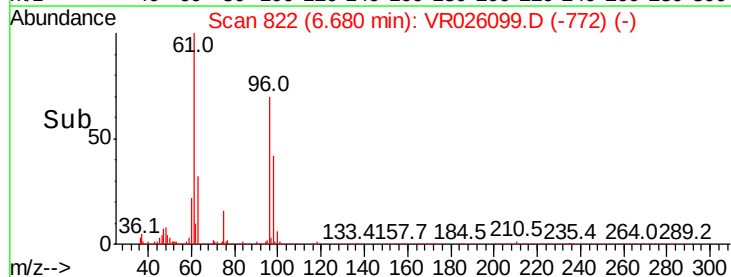
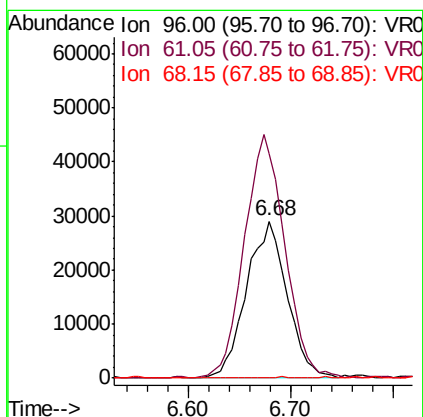
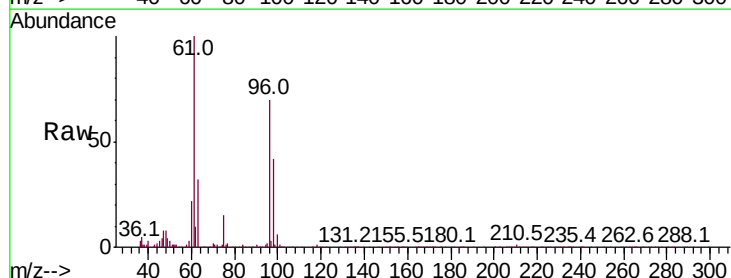
Instrument :
MSVOA_R
ClientSampled :

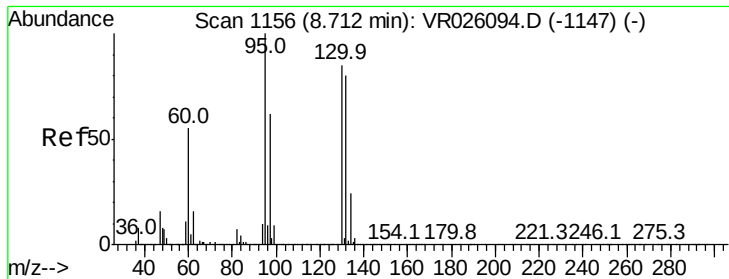
Tot Ion: 84 Resp: 4668
Ion Ratio Lower Upper
84 100
86 52.4 43.0 79.8
49 82.5 89.1 165.5#



#22
cis-1,2-Dichloroethene
Concen: 2.140 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR026099.D
Acq: 16 Oct 2018 13:48

Tgt Ion: 96 Resp: 80223
Ion Ratio Lower Upper
96 100
61 143.2 101.8 189.0
68 0.5 0.1 0.3#

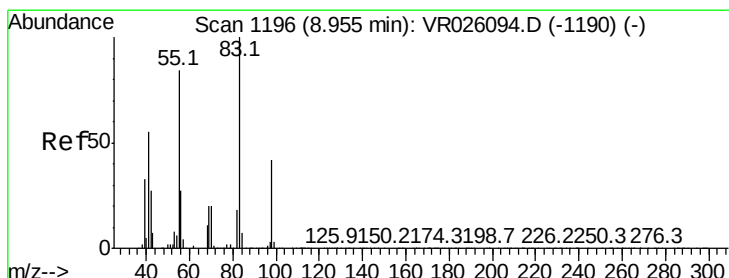
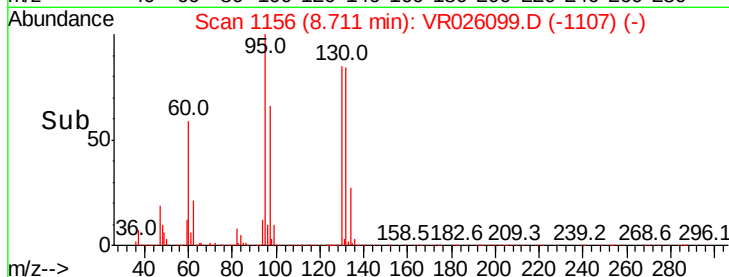
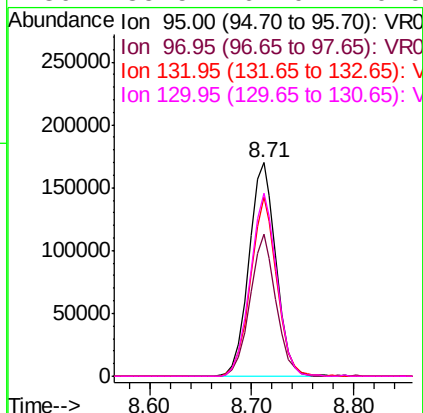
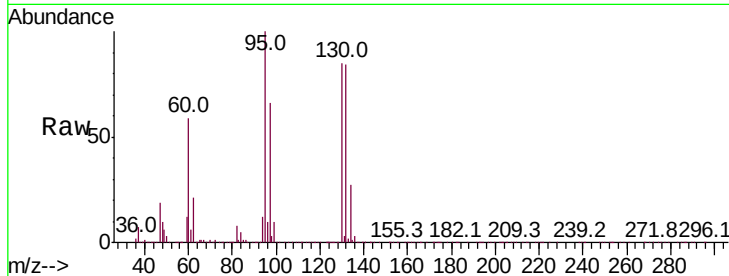




#34
 Trichloroethene
 Concen: 7.265 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VR026099.D
 Acq: 16 Oct 2018 13:48

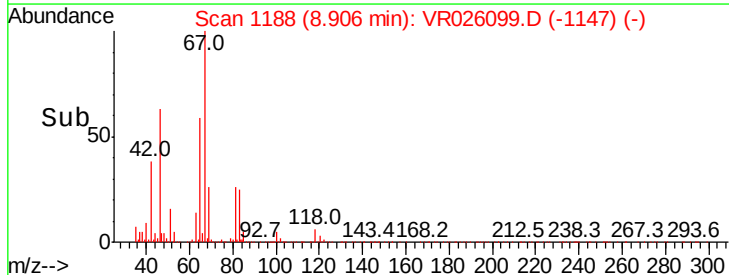
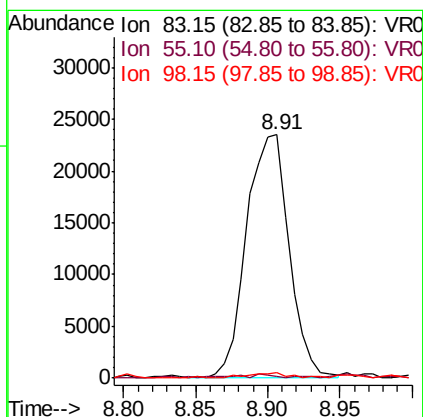
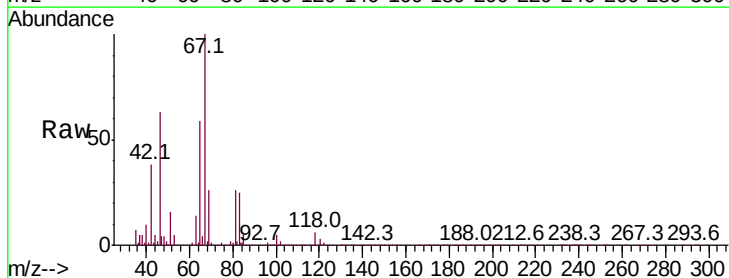
Instrument :
 MSVOA_R
 ClientSampled :

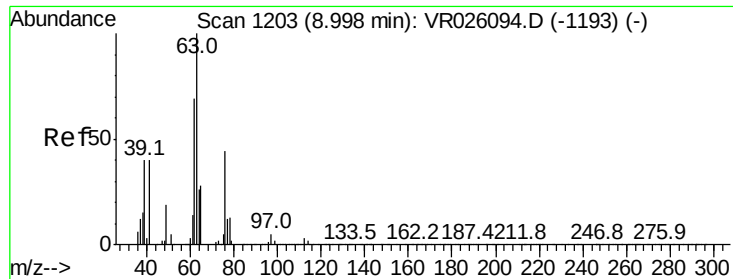
Tot Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.7	84.9
132	84.1	58.3	108.3
130	85.5	64.0	119.0



#35
 Methylcyclohexane
 Concen: 0.750 ug/L
 RT: 8.91 min Scan# 1188
 Delta R.T. -0.05 min
 Lab File: VR026099.D
 Acq: 16 Oct 2018 13:48

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	66.8	100.2#
98	2.1	35.2	52.8#





#37

1,2-Dichloropropane

Concen: 0.771 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

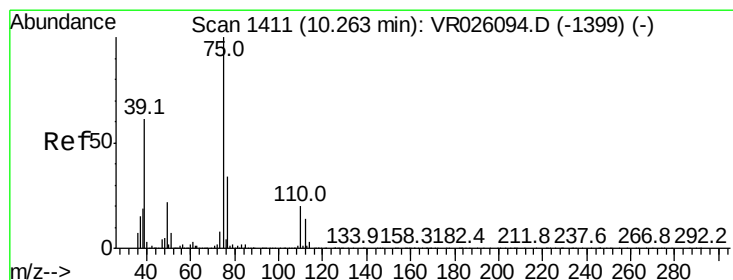
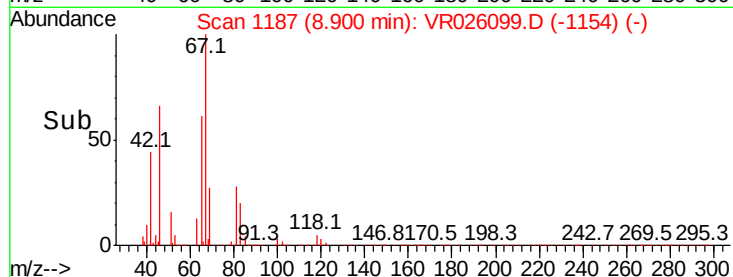
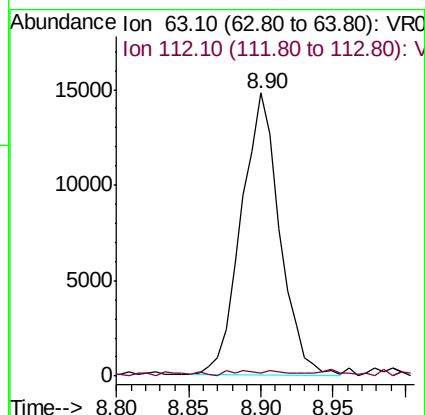
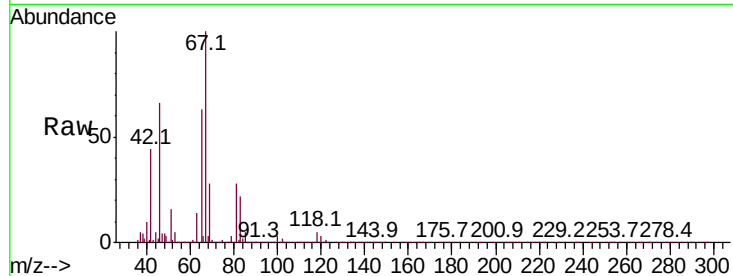
Lab File: VR026099.D

Acq: 16 Oct 2018 13:48

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 27349

Ion	Ratio	Lower	Upper
63	100		
112	1.5	2.7	4.1#



#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 10.23 min Scan# 1406

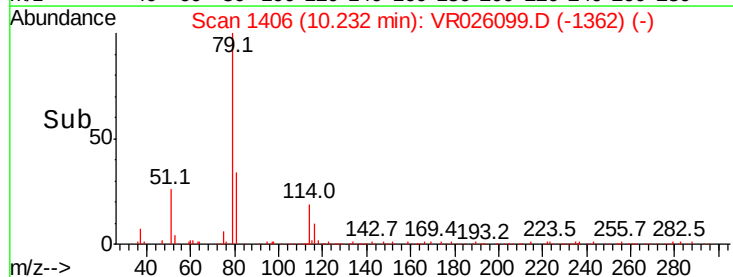
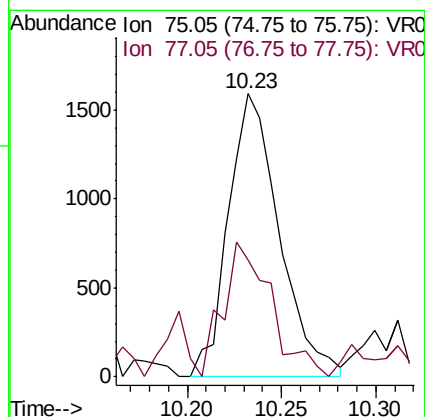
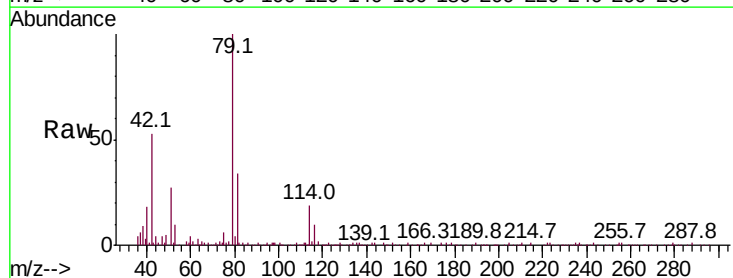
Delta R.T. -0.03 min

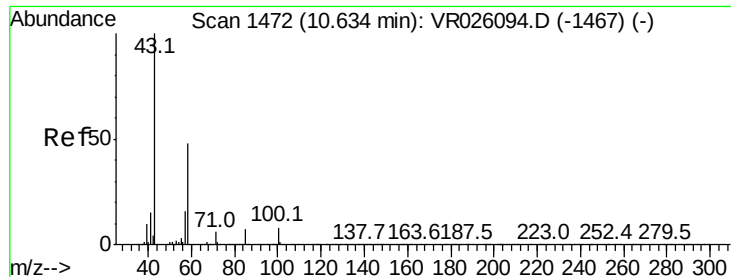
Lab File: VR026099.D

Acq: 16 Oct 2018 13:48

Tgt Ion: 75 Resp: 2979

Ion	Ratio	Lower	Upper
75	100		
77	41.2	24.1	44.7





#48

2-Hexanone

Concen: 3.505 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026099.D

Acq: 16 Oct 2018 13:48

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 24789

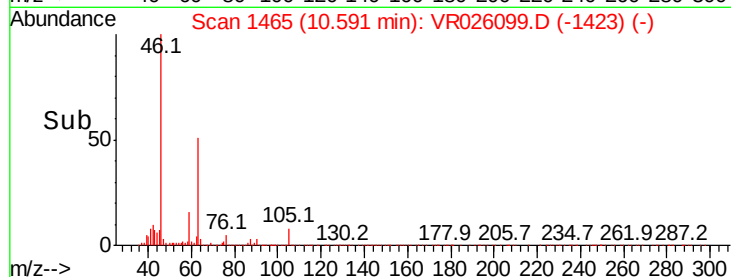
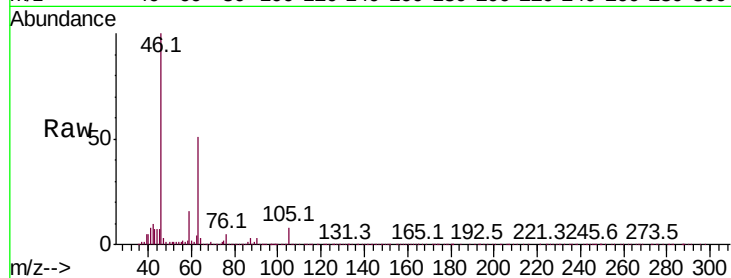
Ion Ratio Lower Upper

43 100

58 27.7 39.6 59.4#

57 30.7 14.0 21.0#

100 3.0 7.0 10.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

