

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\
 Data File : VR026097.D
 Acq On : 16 Oct 2018 12:30
 Operator : SY/MD
 Sample : J5379-06DL 10X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 17 08:52:17 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	549669	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	457643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	144298	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	242175	5.03	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	2.63	69	218572	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	3.61	63	455906	3.86	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	6.59	46	208384	52.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.52%
24) Chloroform-d	7.20	84	357617	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	7.90	65	151758	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.85	84	727894	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	8.90	67	200885	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	9.97	98	678027	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	10.24	79	43360	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	10.59	63	164756	57.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73493	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	117826	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

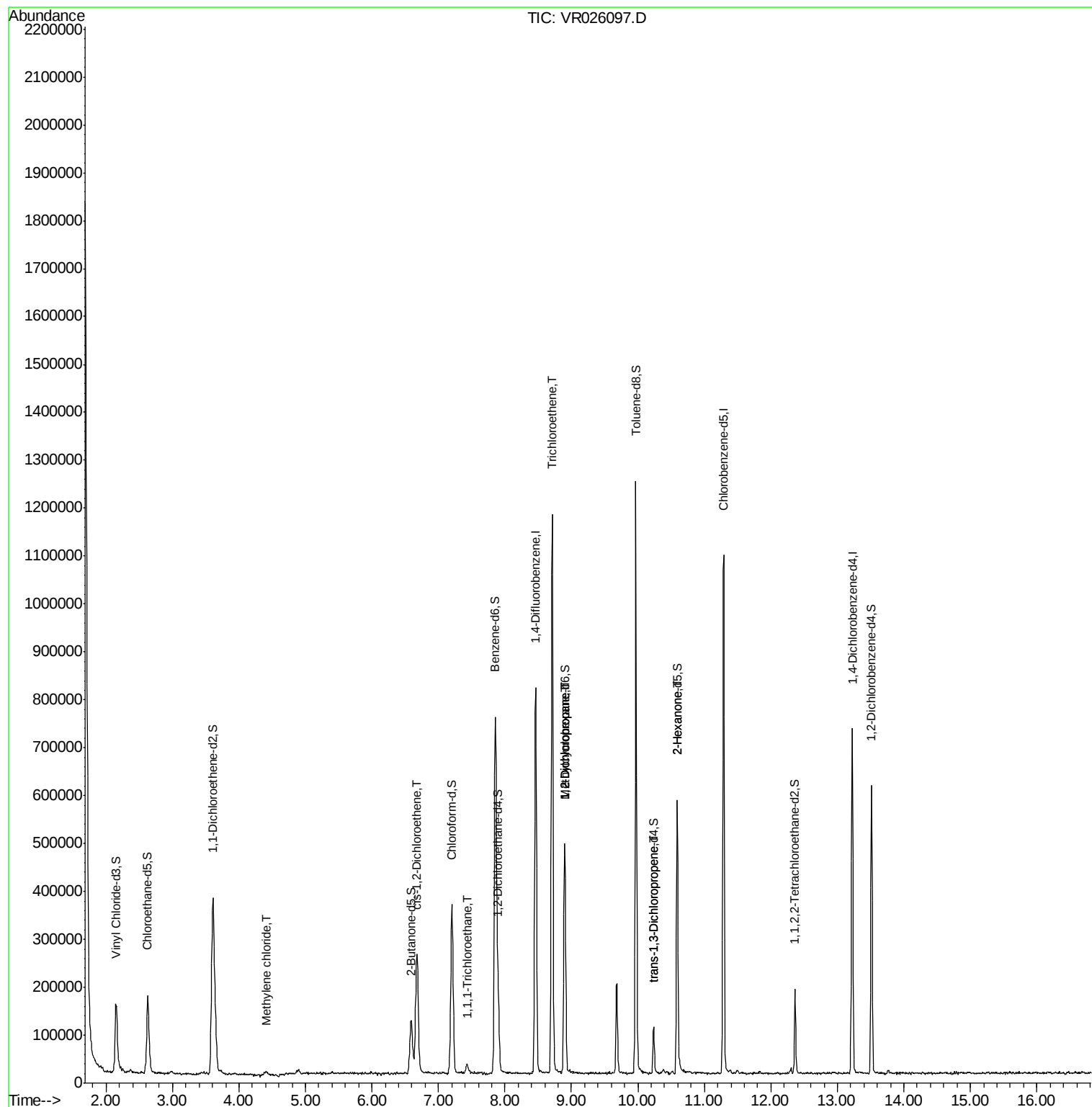
					Ovalue
16) Methylene chloride	4.40	84	6538	0.135 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	135390	3.541 ug/L	95
29) 1,1,1-Trichloroethane	7.43	97	15698	0.251 ug/L	97
34) Trichloroethene	8.71	95	376873	8.575 ug/L	96
35) Methylcyclohexane	8.89	83	46130	0.705 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	26154	0.722 ug/L #	90
44) trans-1,3-Dichloropropene	10.24	75	3437	0.119 ug/L	87
48) 2-Hexanone	10.59	43	24573	3.400 ug/L #	72

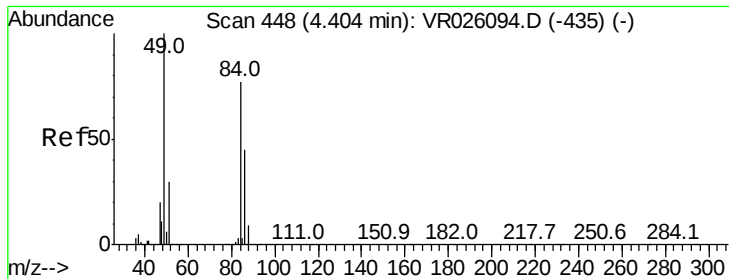
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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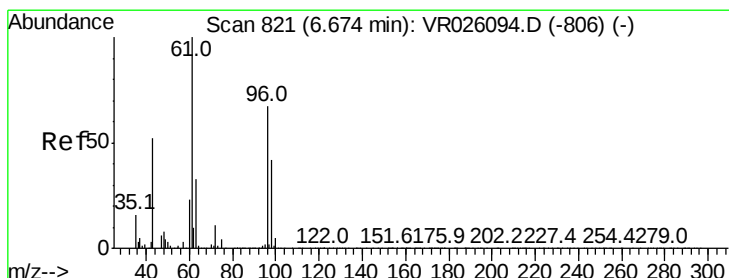
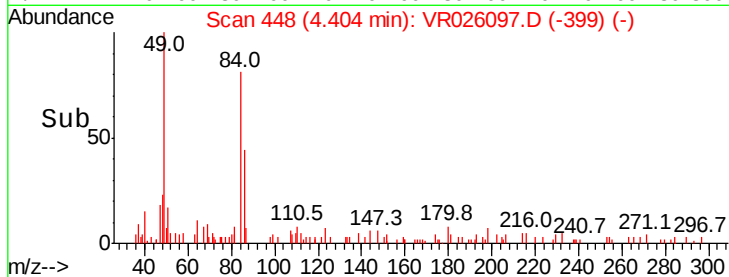
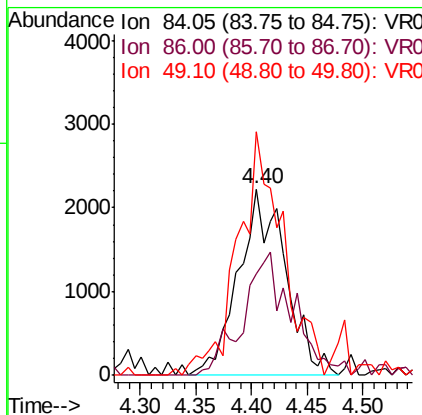
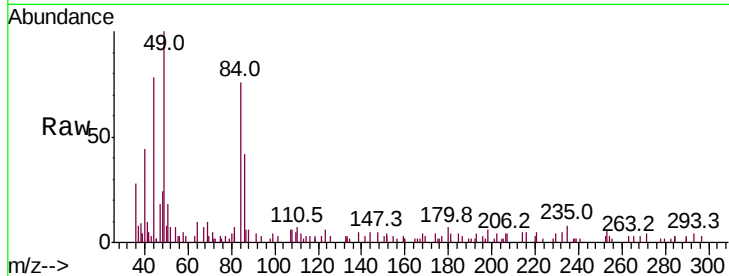




#16
Methylene chloride
Concen: 0.135 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.00 min
Lab File: VR026097.D
Acq: 16 Oct 2018 12:30

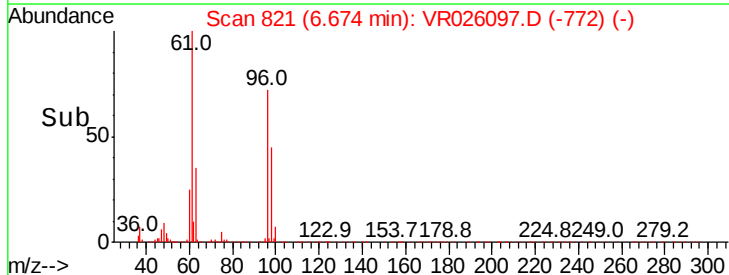
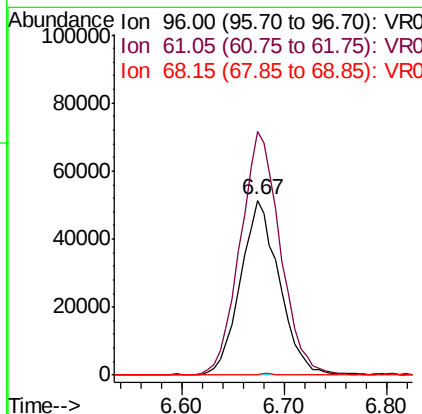
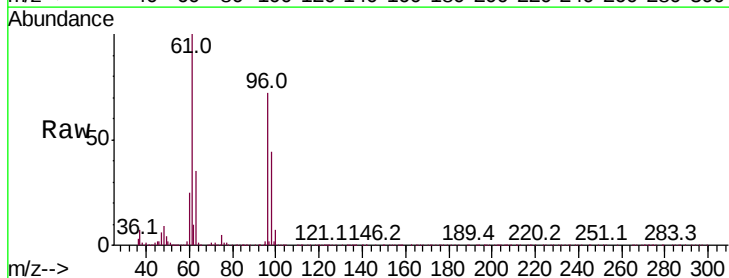
Instrument :
MSVOA_R
ClientSampled :

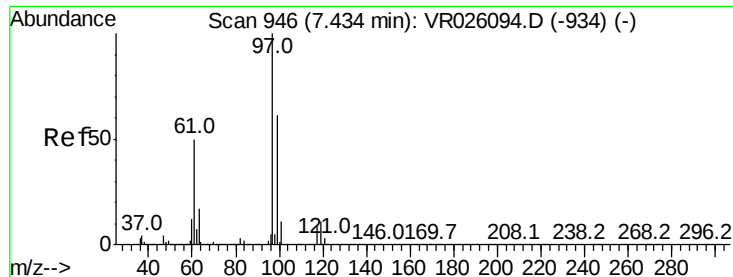
Tot Ion: 84 Resp: 6538
Ion Ratio Lower Upper
84 100
86 63.0 43.0 79.8
49 130.9 89.1 165.5



#22
cis-1,2-Dichloroethene
Concen: 3.541 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026097.D
Acq: 16 Oct 2018 12:30

Tgt Ion: 96 Resp: 135390
Ion Ratio Lower Upper
96 100
61 139.5 101.8 189.0
68 0.2 0.1 0.3





#29

1,1,1-Trichloroethane

Concen: 0.251 ug/L

RT: 7.43 min Scan# 945

Delta R.T. -0.01 min

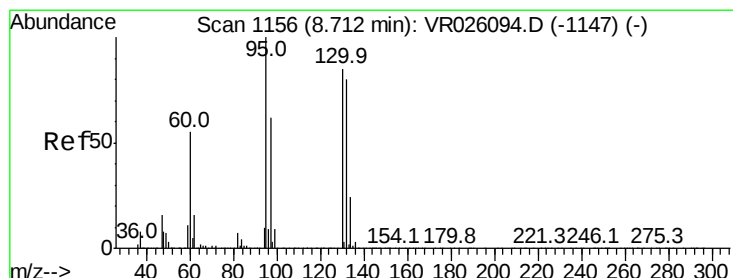
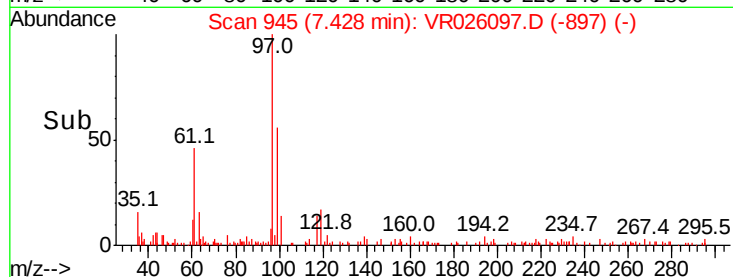
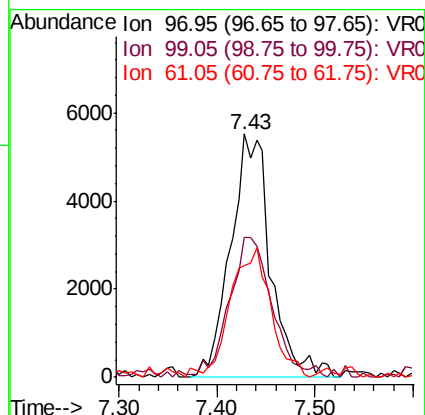
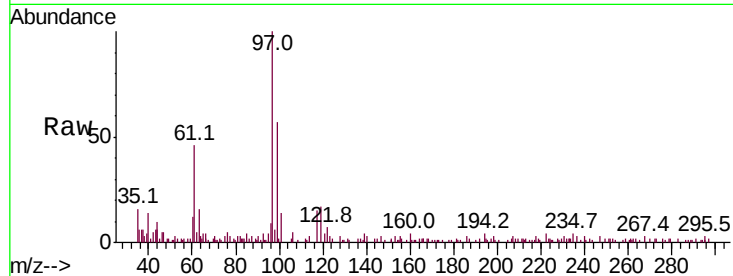
Lab File: VR026097.D

Acq: 16 Oct 2018 12:30

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 97 Resp: 15698

Ion	Ratio	Lower	Upper
97	100		
99	61.2	51.1	76.7
61	53.6	42.1	63.1



#34

Trichloroethene

Concen: 8.575 ug/L

RT: 8.71 min Scan# 1156

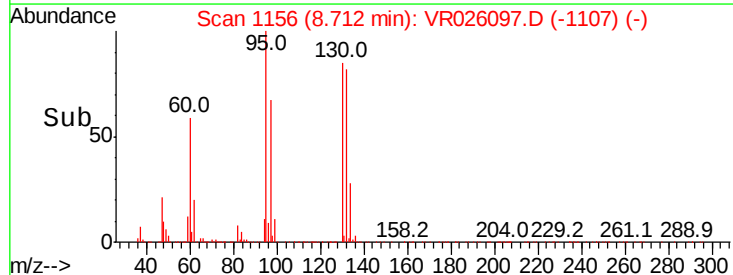
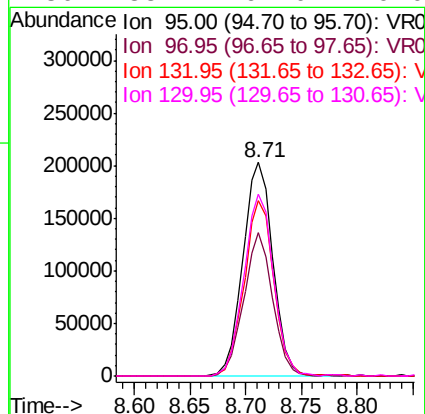
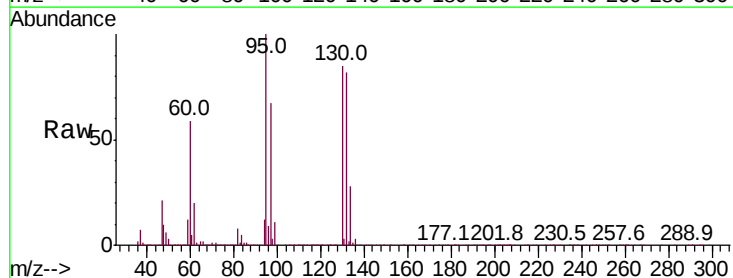
Delta R.T. 0.00 min

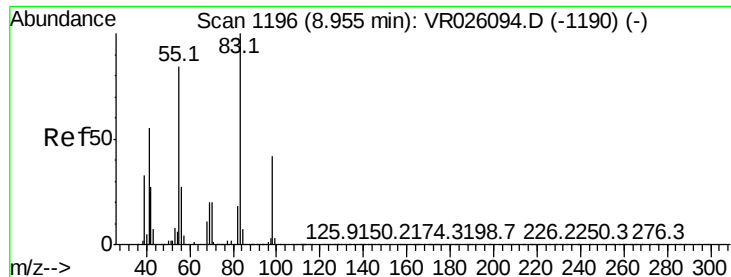
Lab File: VR026097.D

Acq: 16 Oct 2018 12:30

Tgt Ion: 95 Resp: 376873

Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.7	84.9
132	81.9	58.3	108.3
130	85.2	64.0	119.0

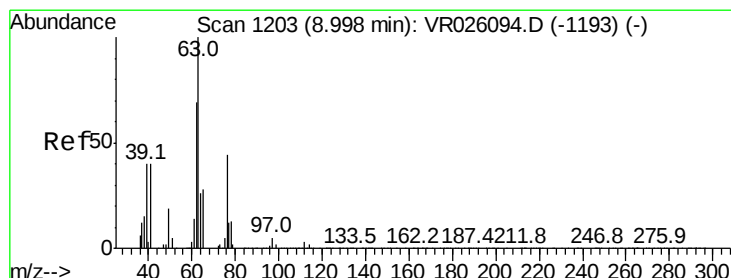
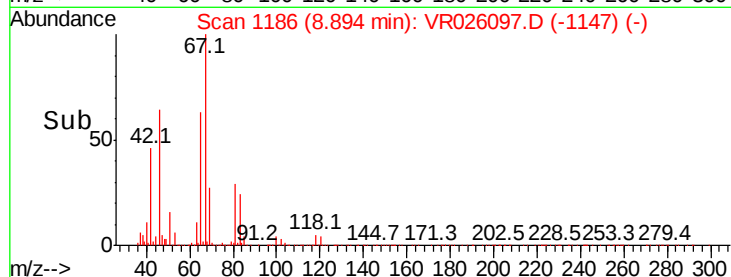
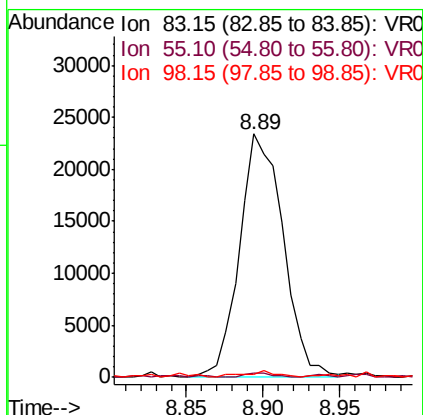
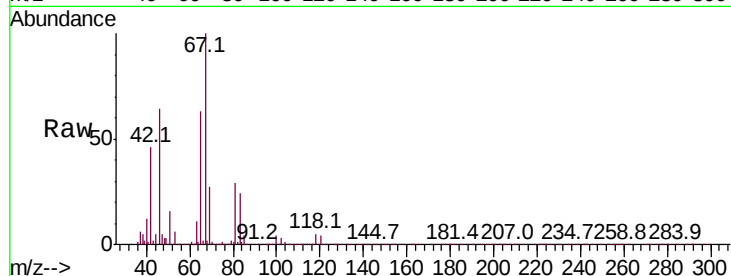




#35
Methvlcvclohexane
Concen: 0.705 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026097.D
Acq: 16 Oct 2018 12:30

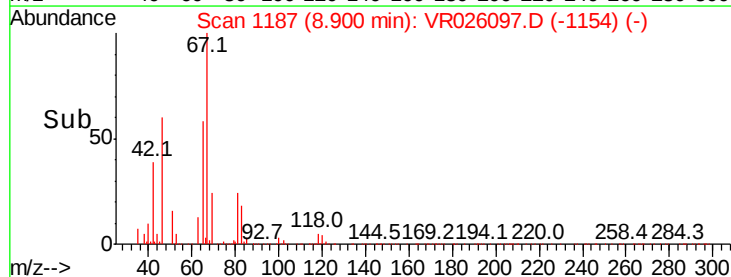
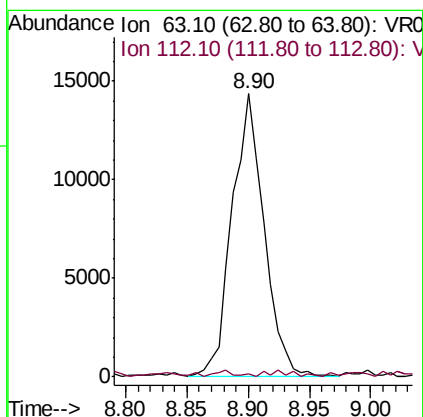
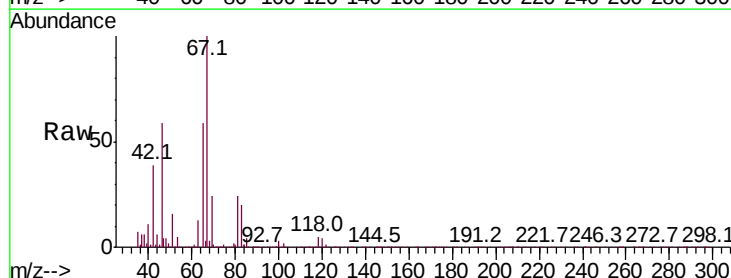
Instrument :
MSVOA_R
ClientSampleId :

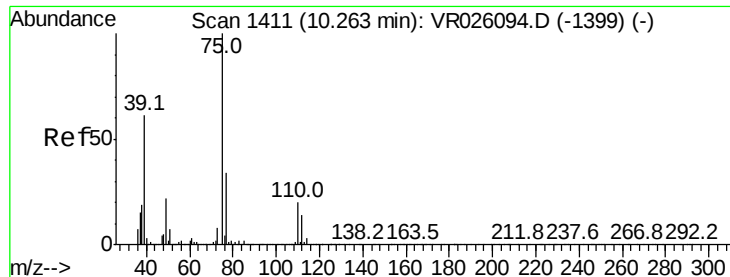
Tot Ion: 83 Resp: 46130
Ion Ratio Lower Upper
83 100
55 1.1 66.8 100.2#
98 2.0 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.722 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026097.D
Acq: 16 Oct 2018 12:30

Tgt Ion: 63 Resp: 26154
Ion Ratio Lower Upper
63 100
112 0.2 2.7 4.1#





#44

trans-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026097.D

Acq: 16 Oct 2018 12:30

Instrument :

MSVOA_R

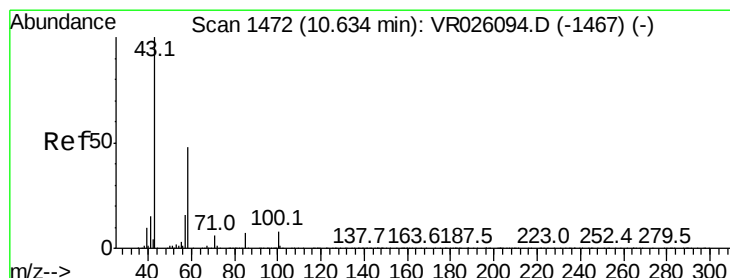
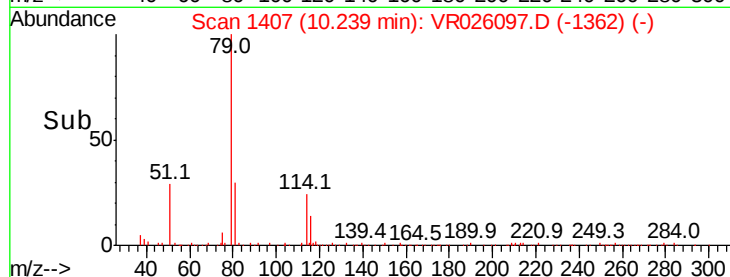
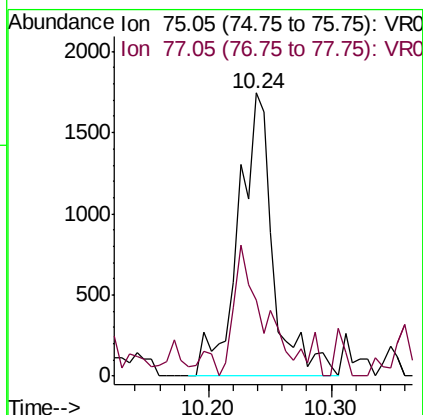
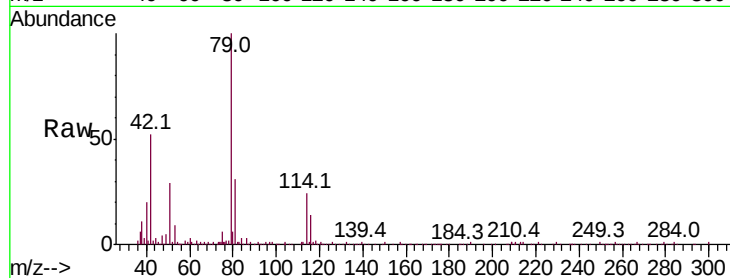
ClientSampleId :

Tot Ion: 75 Resp: 3437

Ion Ratio Lower Upper

75 100

77 26.7 24.1 44.7



#48

2-Hexanone

Concen: 3.400 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026097.D

Acq: 16 Oct 2018 12:30

Tgt Ion: 43 Resp: 24573

Ion Ratio Lower Upper

43 100

58 29.3 39.6 59.4#

57 29.7 14.0 21.0#

100 2.8 7.0 10.6#

