

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101218\
 Data File : VR026055.D
 Acq On : 12 Oct 2018 11:38
 Operator : SY/MD
 Sample : J5315-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 13 00:55:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 13 00:51:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	490673	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	417914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	141688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	177740	4.59	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	2.63	69	171993	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	3.63	63	322377	3.55	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	6.59	46	239778	55.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.18%
24) Chloroform-d	7.20	84	323853	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.90	65	149109	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	7.85	84	605122	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	8.90	67	176695	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	9.97	98	535394	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	10.24	79	40032	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	10.59	63	189666	58.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75880	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	115416	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

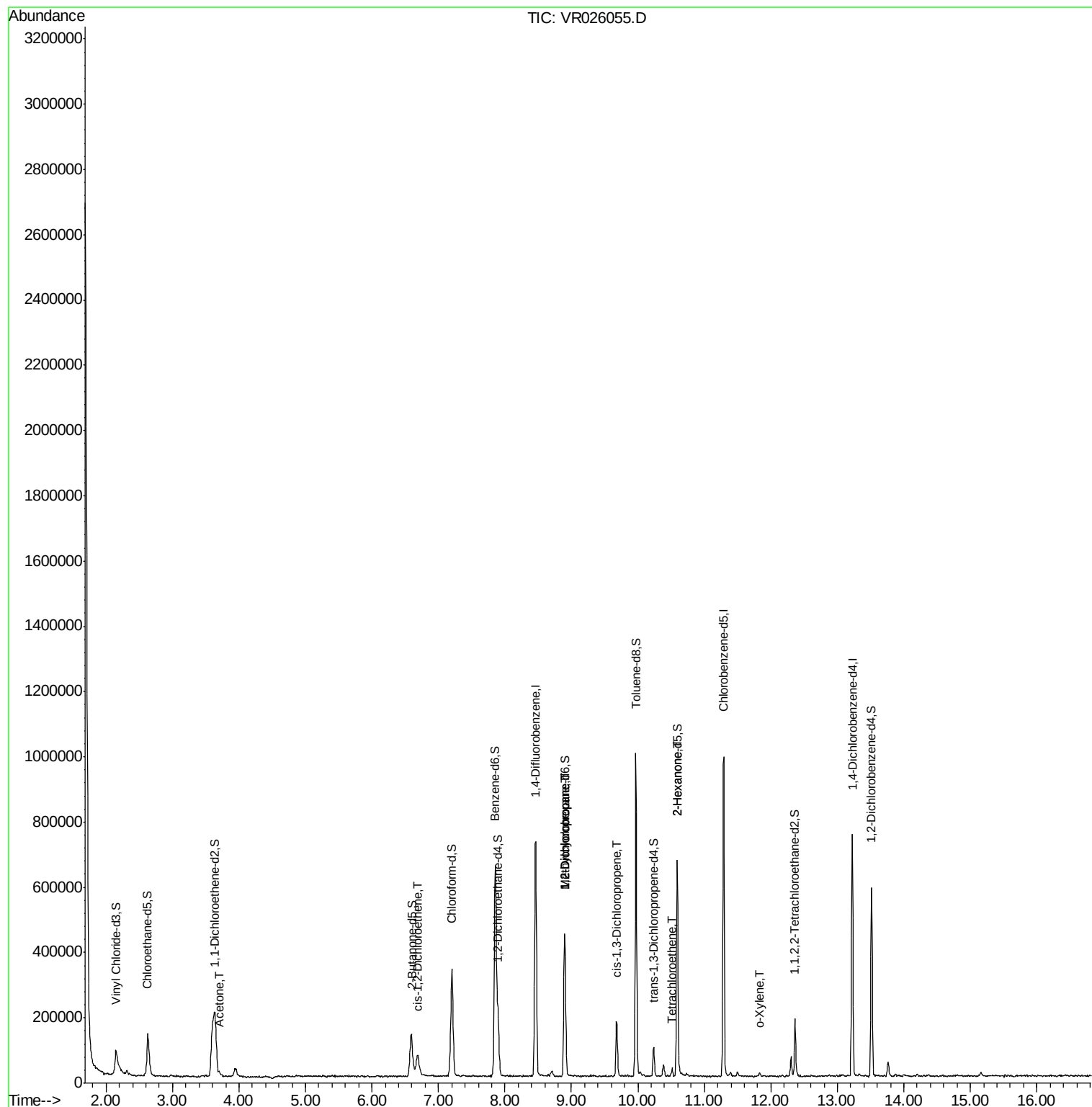
					Ovalue
13) Acetone	3.70	43	11162	3.570	ug/L 75
22) cis-1,2-Dichloroethene	6.67	96	9482	0.308	ug/L # 77
35) Methylcyclohexane	8.90	83	41232	0.742	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	22646	0.753	ug/L # 95
39) cis-1,3-Dichloropropene	9.68	75	5176	0.154	ug/L 90
47) Tetrachloroethene	10.52	164	4740	0.208	ug/L # 73
48) 2-Hexanone	10.59	43	28267	4.083	ug/L # 72
54) o-Xylene	11.83	106	2418	0.044	ug/L 72

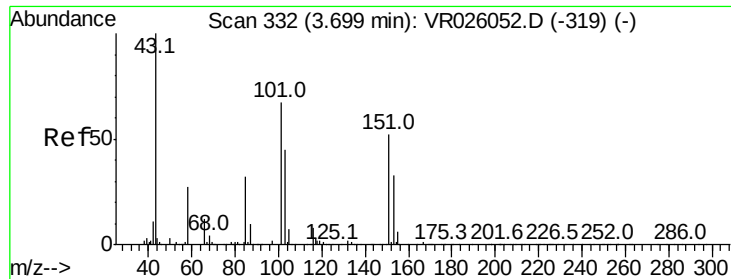
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.570 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

Lab File: VR026055.D

Acq: 12 Oct 2018 11:38

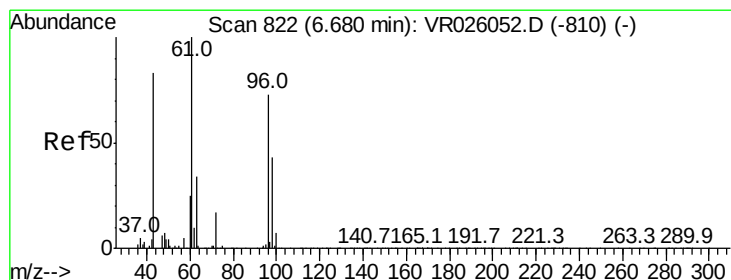
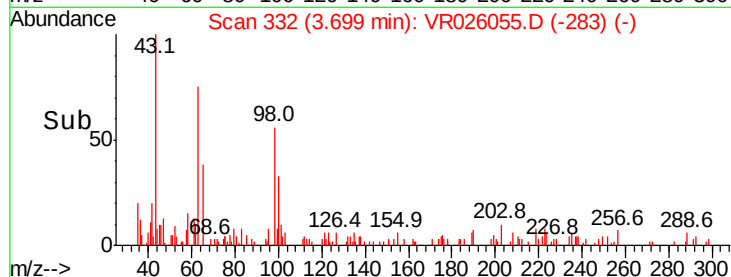
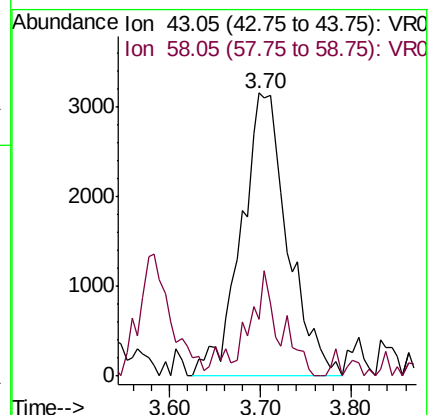
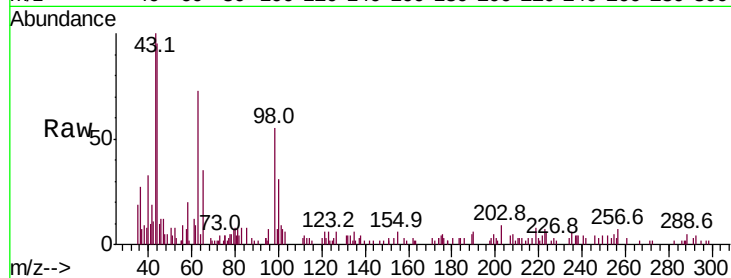
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 11162

Ion Ratio Lower Upper

43 100

58 13.2 0.0 51.4



#22

cis-1,2-Dichloroethene

Concen: 0.308 ug/L

RT: 6.67 min Scan# 821

Delta R.T. -0.01 min

Lab File: VR026055.D

Acq: 12 Oct 2018 11:38

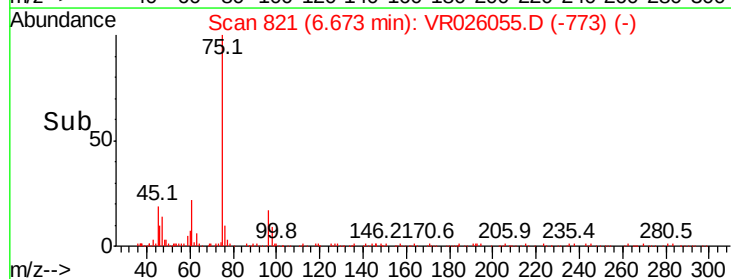
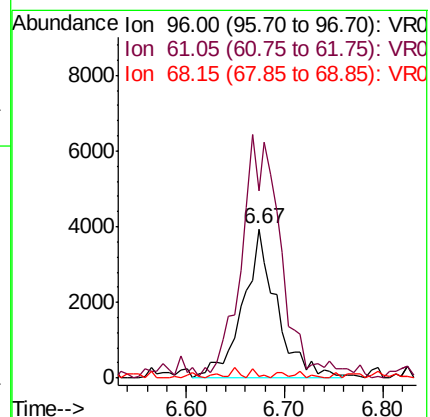
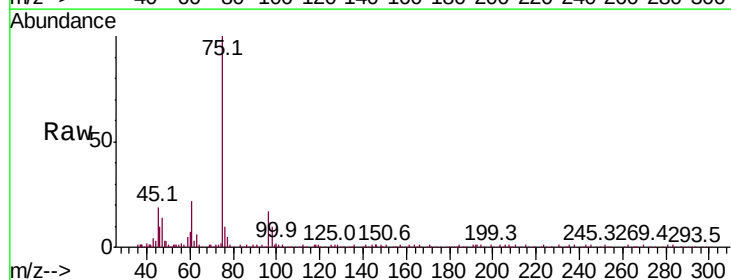
Tgt Ion: 96 Resp: 9482

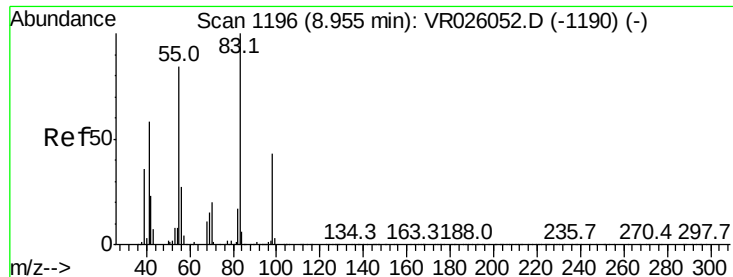
Ion Ratio Lower Upper

96 100

61 125.4 108.7 201.9

68 1.4 0.1 0.1#

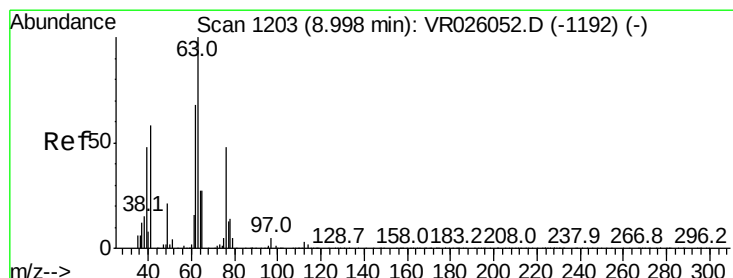
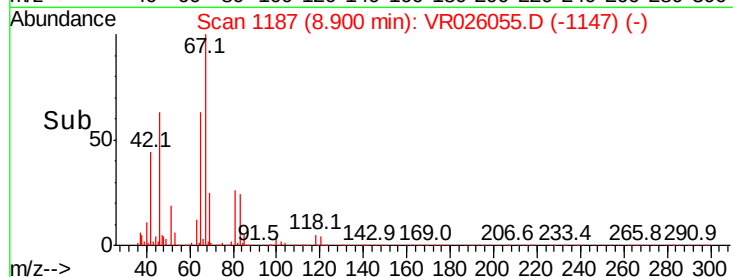
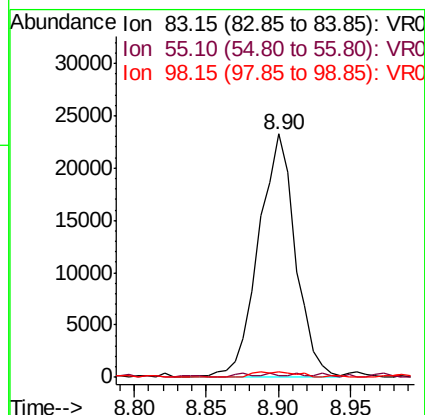
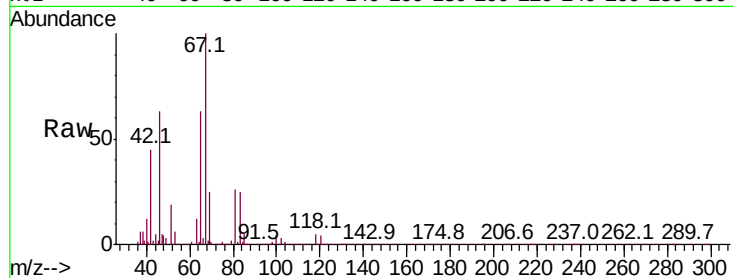




#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026055.D
Acq: 12 Oct 2018 11:38

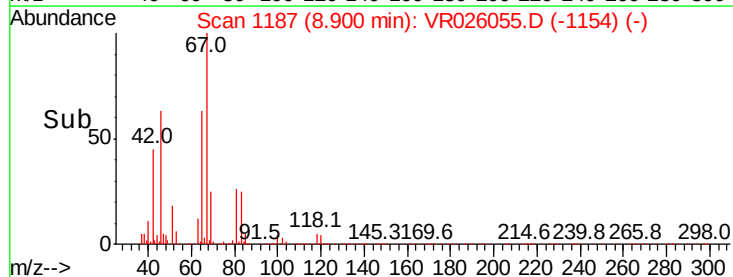
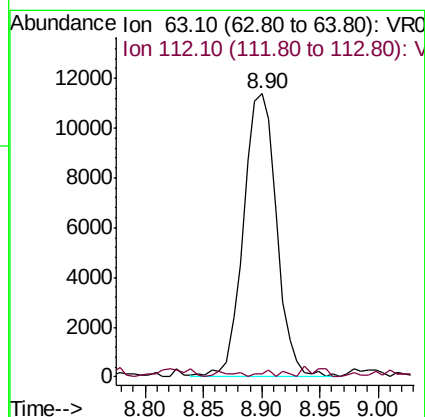
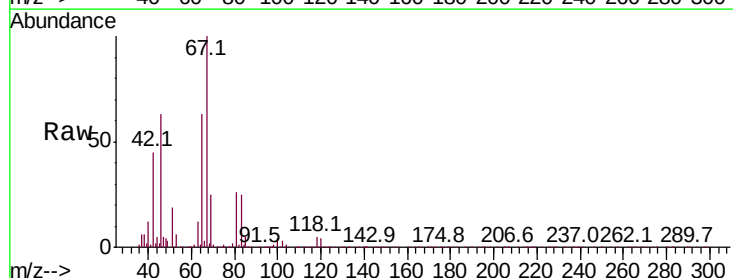
Instrument :
MSVOA_R
ClientSampled :

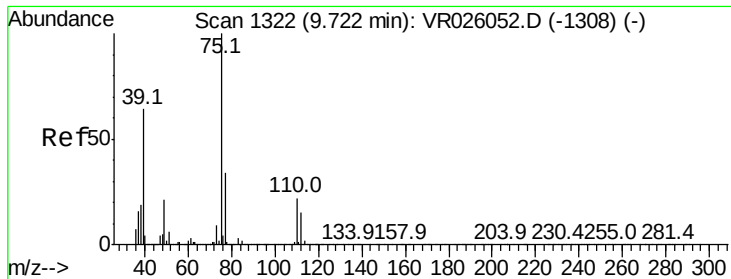
Tot Ion: 83 Resp: 41232
Ion Ratio Lower Upper
83 100
55 0.7 71.8 107.6#
98 2.7 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.753 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026055.D
Acq: 12 Oct 2018 11:38

Tgt Ion: 63 Resp: 22646
Ion Ratio Lower Upper
63 100
112 1.5 2.5 3.7#



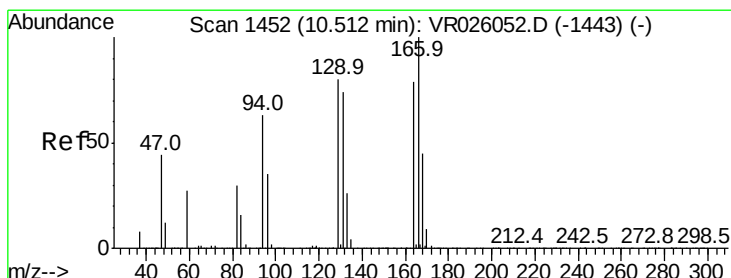
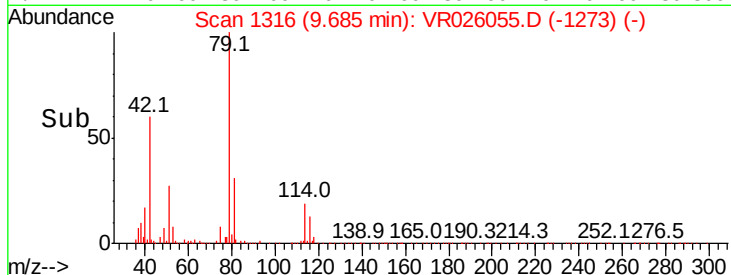
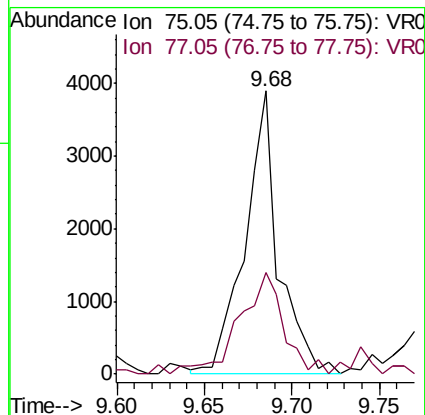
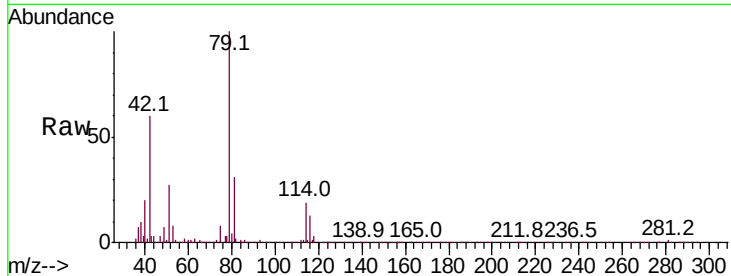


#39

cis-1,3-Dichloropropene
 Concen: 0.154 ug/L
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.04 min
 Lab File: VR026055.D
 Acq: 12 Oct 2018 11:38

Instrument :
 MSVOA_R
 ClientSampleId :

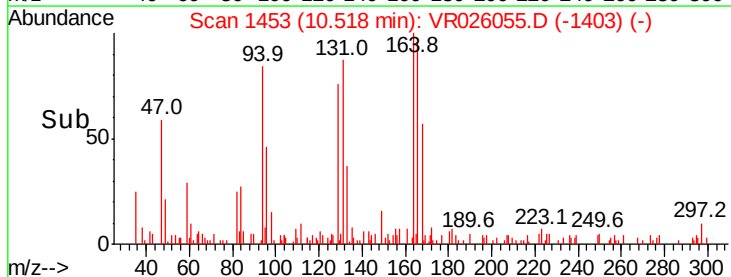
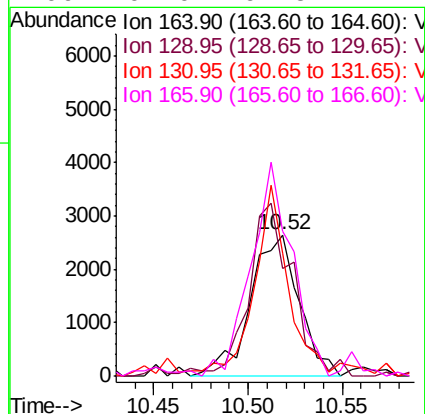
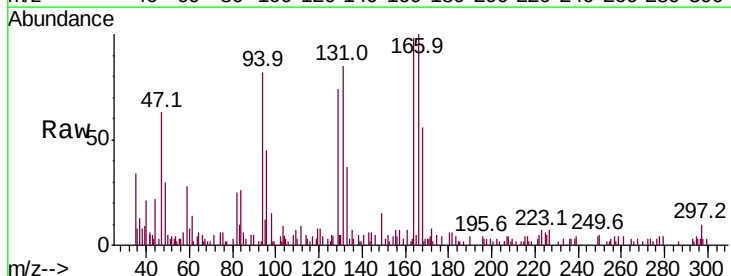
Tot Ion: 75 Resp: 5176
 Ion Ratio Lower Upper
 75 100
 77 36.1 21.5 39.9

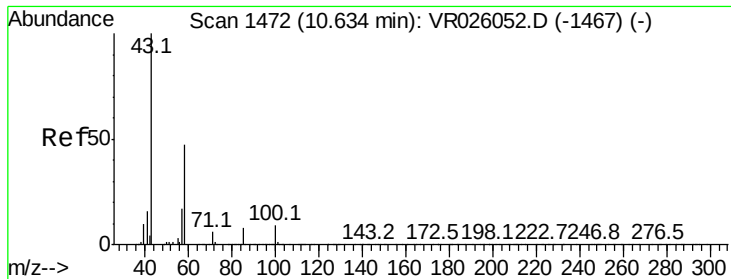


#47

Tetrachloroethene
 Concen: 0.208 ug/L
 RT: 10.52 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: VR026055.D
 Acq: 12 Oct 2018 11:38

Tgt Ion: 164 Resp: 4740
 Ion Ratio Lower Upper
 164 100
 129 75.8 80.8 150.2#
 131 86.7 74.5 138.3
 166 102.0 92.5 171.7

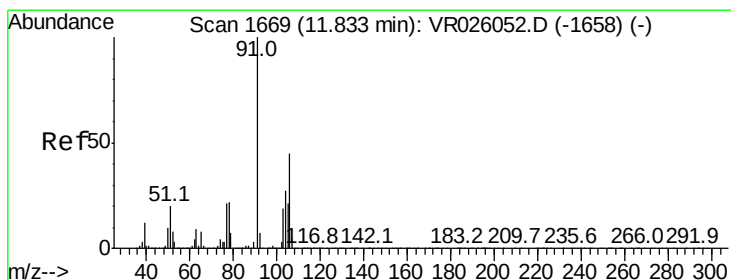
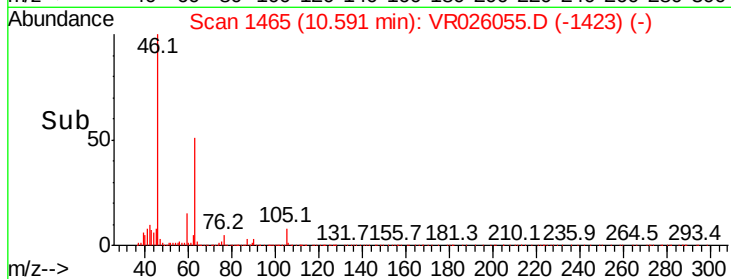
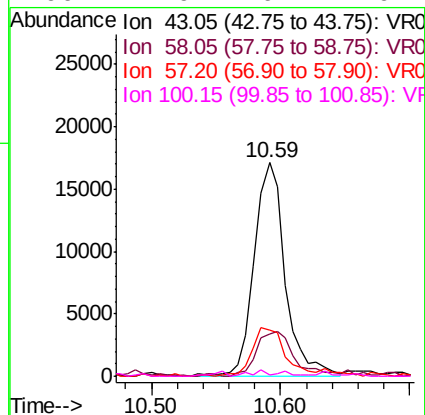
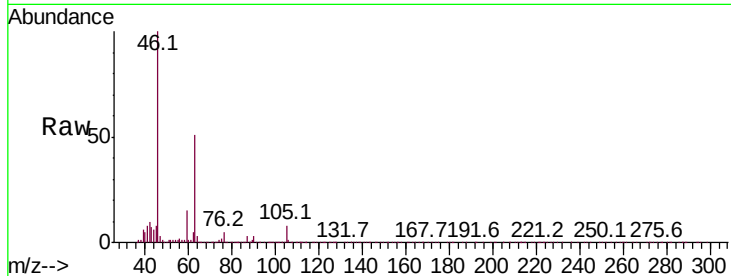




#48
2-Hexanone
Concen: 4.083 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026055.D
Acq: 12 Oct 2018 11:38

Instrument :
MSVOA_R
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
58	25.4	39.5	59.3#
57	24.1	14.6	21.8#
100	1.9	6.7	10.1#



#54
o-Xylene
Concen: 0.044 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VR026055.D
Acq: 12 Oct 2018 11:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	188.8	164.5	305.5

