

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101218\
 Data File : VR026065.D
 Acq On : 12 Oct 2018 17:12
 Operator : SY/MD
 Sample : J5315-15DL 200X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 13 00:56:56 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	498730	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	430222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	145117	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	148153	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	2.63	69	149442	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	3.62	63	268326	2.90	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	6.59	46	209303	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	7.20	84	270108	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	7.89	65	127172	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	7.85	84	488663	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.20%#
36) 1,2-Dichloropropane-d6	8.90	67	151948	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.80%
41) Toluene-d8	9.97	98	427906	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
43) trans-1,3-Dichloropropene-	10.24	79	31769	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	10.59	63	166178	49.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67256	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	94356	4.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.20%

Target Compounds

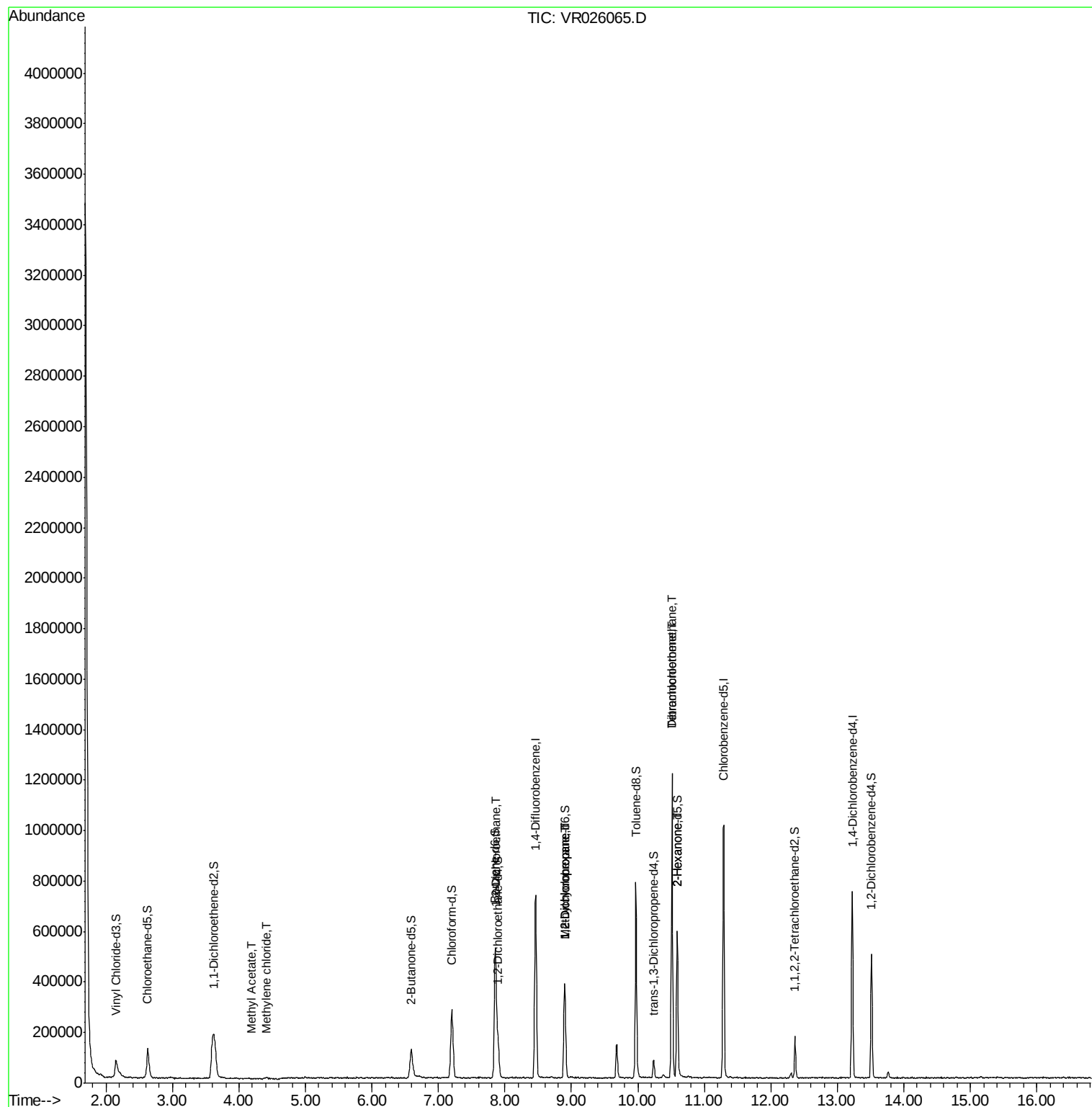
					Ovalue
15) Methyl Acetate	4.19	43	922	0.105 ug/L	94
16) Methylene chloride	4.41	84	3913	0.113 ug/L #	51
27) 1,2-Dichloroethane	7.87	62	3740	0.125 ug/L	98
35) Methylcyclohexane	8.90	83	33546	0.587 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	20014	0.647 ug/L #	94
47) Tetrachloroethene	10.51	164	196410	8.383 ug/L	91
48) 2-Hexanone	10.59	43	26111	3.664 ug/L #	71
49) Dibromochloromethane	10.51	129	164057	11.545 ug/L #	11

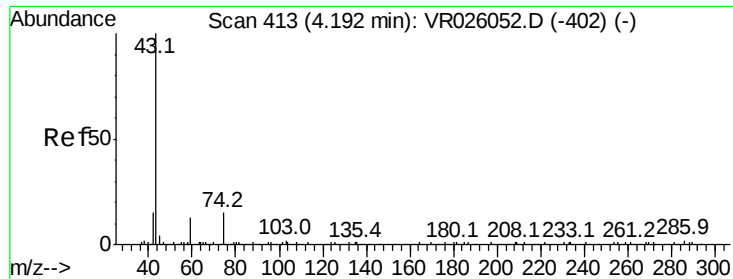
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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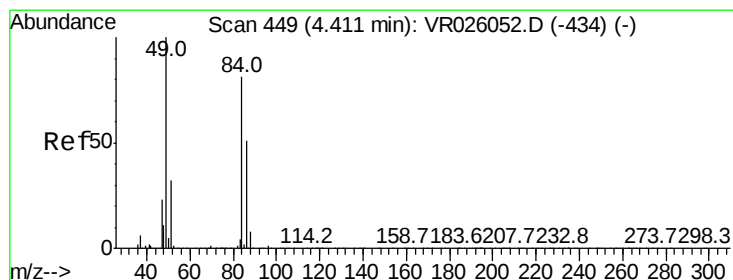
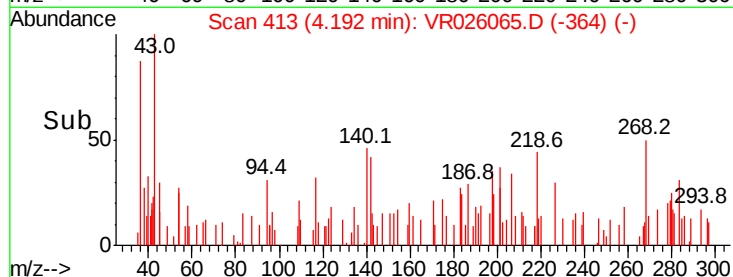
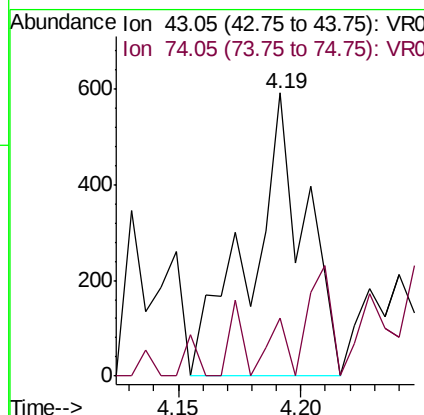
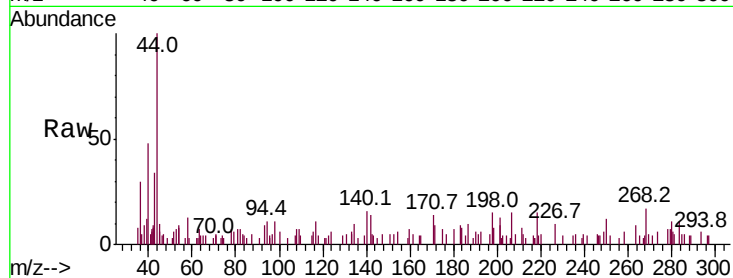




#15
Methyl Acetate
Concen: 0.105 ug/L
RT: 4.19 min Scan# 413
Delta R.T. 0.00 min
Lab File: VR026065.D
Acq: 12 Oct 2018 17:12

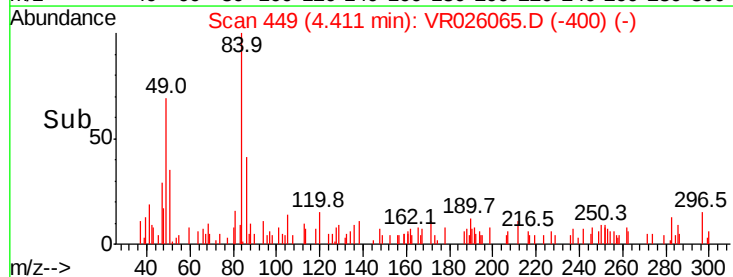
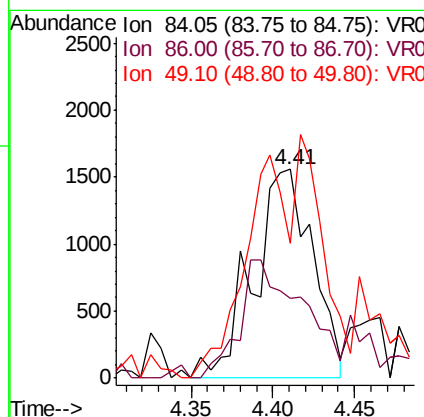
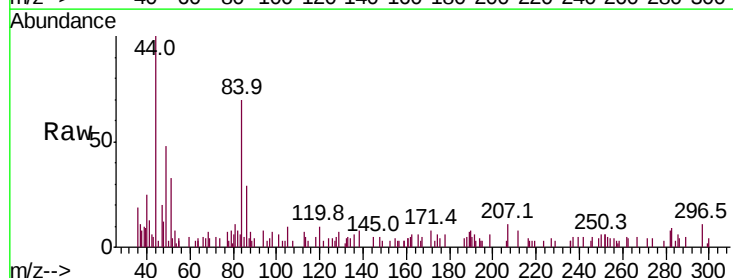
Instrument :
MSVOA_R
ClientSampled :

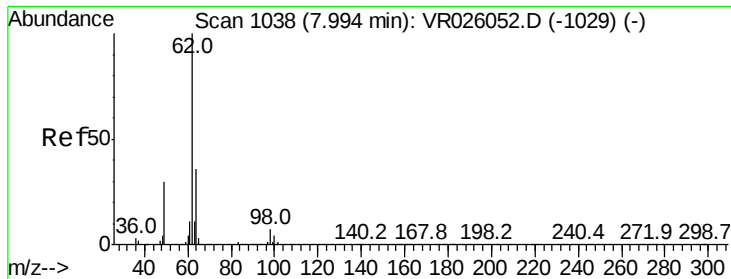
Tot Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
74 20.9 19.0 28.4



#16
Methylene chloride
Concen: 0.113 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.00 min
Lab File: VR026065.D
Acq: 12 Oct 2018 17:12

Tgt Ion: 84 Resp: 3913
Ion Ratio Lower Upper
84 100
86 38.1 43.1 80.1#
49 68.1 95.5 177.3#

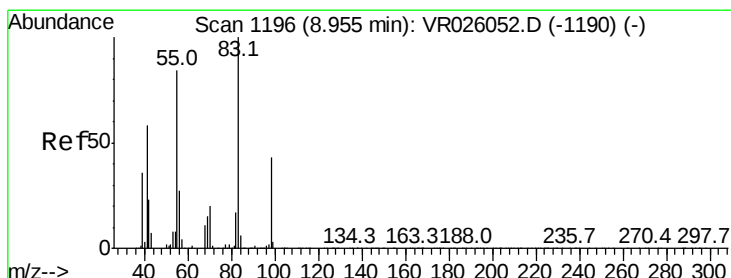
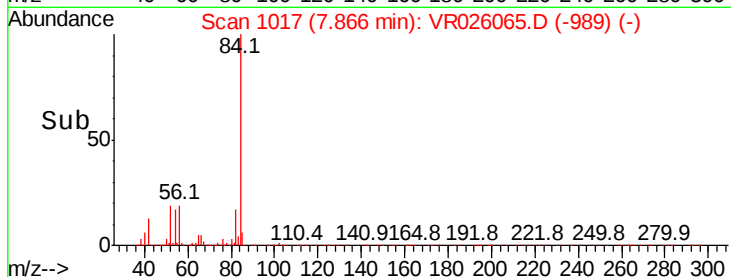
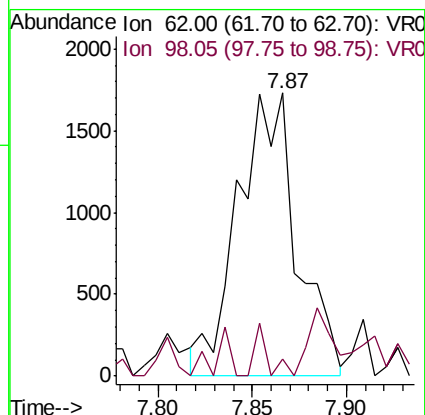
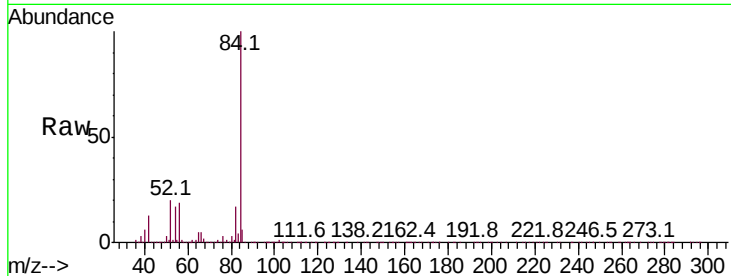




#27
 1,2-Dichloroethane
 Concen: 0.125 ug/L
 RT: 7.87 min Scan# 1017
 Delta R.T. -0.13 min
 Lab File: VR026065.D
 Acq: 12 Oct 2018 17:12

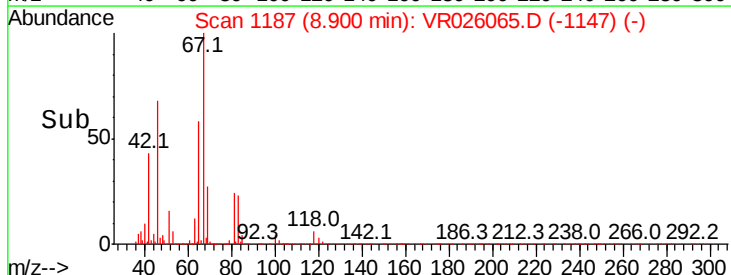
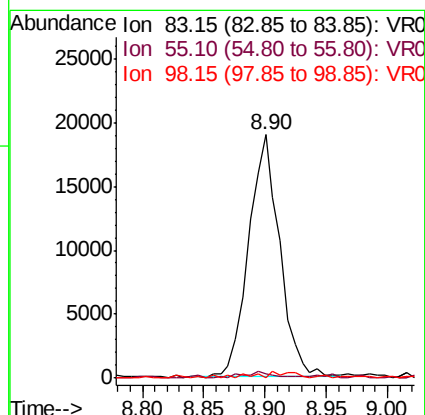
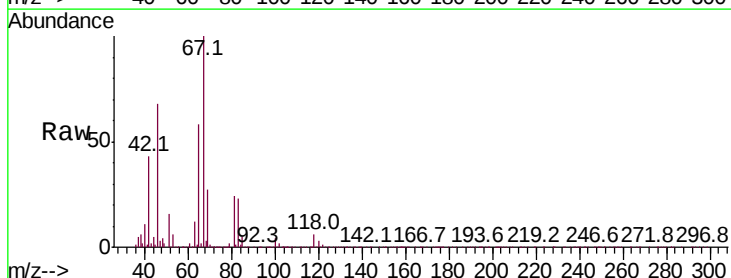
Instrument :
 MSVOA_R
 ClientSampleId :

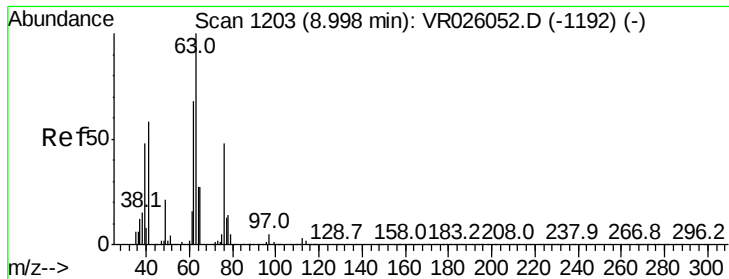
Tot Ion: 62 Resp: 3740
 Ion Ratio Lower Upper
 62 100
 98 6.0 5.2 7.8



#35
 Methylcyclohexane
 Concen: 0.587 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR026065.D
 Acq: 12 Oct 2018 17:12

Tgt Ion: 83 Resp: 33546
 Ion Ratio Lower Upper
 83 100
 55 2.4 71.8 107.6#
 98 1.9 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.647 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026065.D

Acq: 12 Oct 2018 17:12

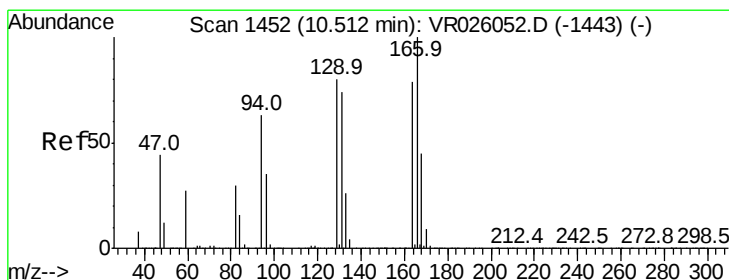
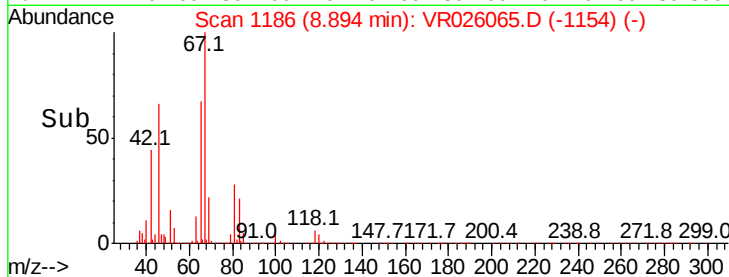
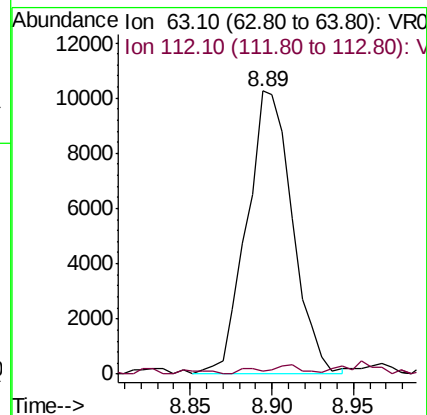
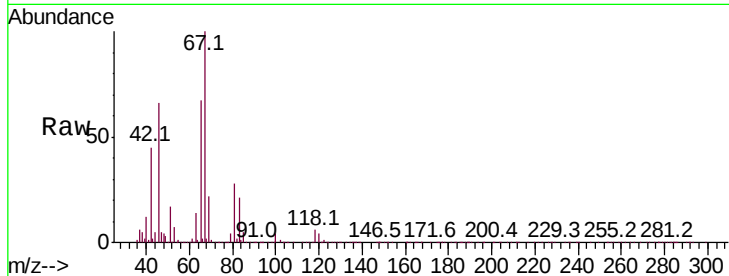
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 20014

Ion Ratio Lower Upper

63 100

112 1.0 2.5 3.7#



#47

Tetrachloroethene

Concen: 8.383 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026065.D

Acq: 12 Oct 2018 17:12

Tgt Ion:164 Resp: 196410

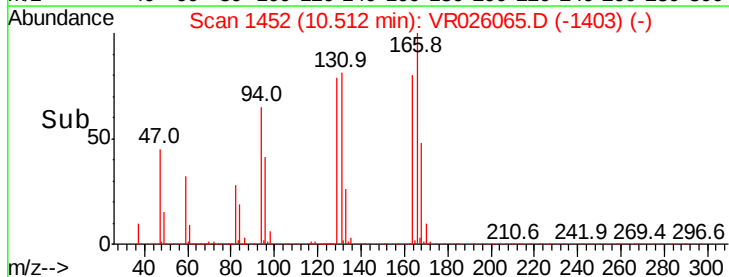
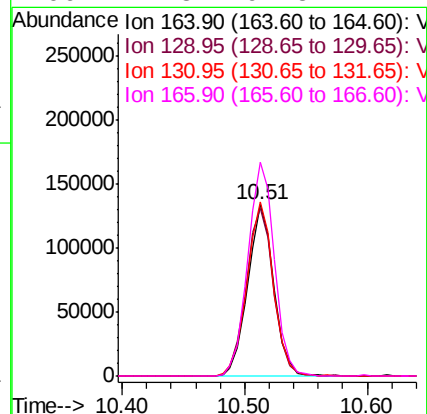
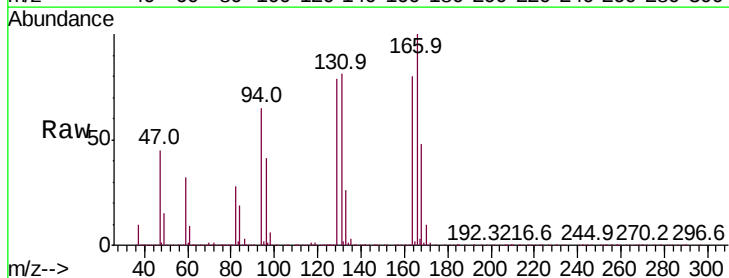
Ion Ratio Lower Upper

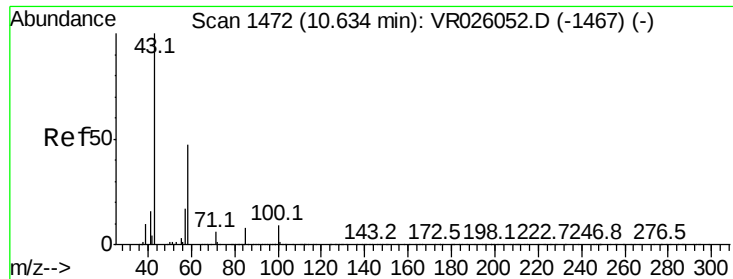
164 100

129 98.2 80.8 150.2

131 101.7 74.5 138.3

166 124.8 92.5 171.7

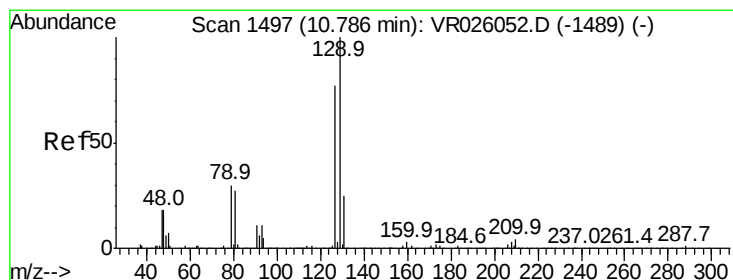
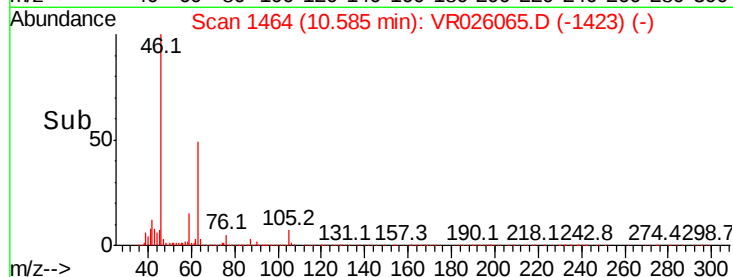
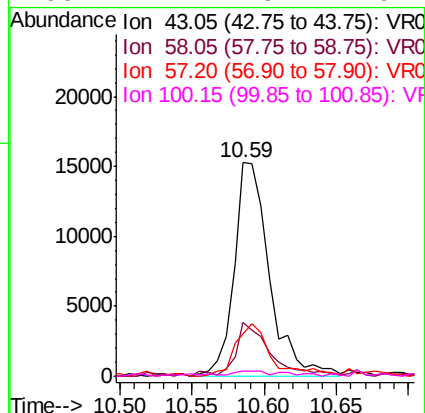
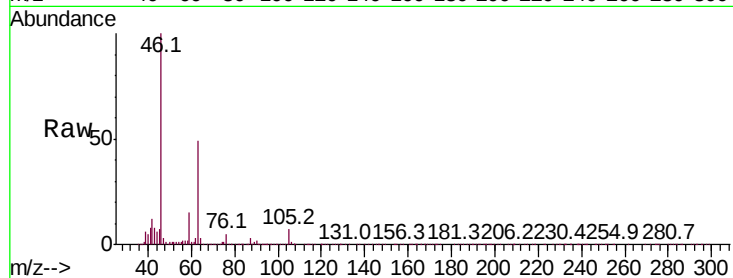




#48
2-Hexanone
Concen: 3.664 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026065.D
Acq: 12 Oct 2018 17:12

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:	43	Resp:	26111
Ion	Ratio	Lower	Upper
43	100		
58	25.2	39.5	59.3#
57	24.9	14.6	21.8#
100	1.7	6.7	10.1#



#49
Dibromochloromethane
Concen: 11.545 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026065.D
Acq: 12 Oct 2018 17:12

Tgt Ion:	129	Resp:	164057
Ion	Ratio	Lower	Upper
129	100		
127	0.7	54.1	100.5#

