

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101218\
 Data File : VR026062.D
 Acq On : 12 Oct 2018 15:29
 Operator : SY/MD
 Sample : J5315-15 100X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 13 00:56:28 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	428030	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	368907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	117939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	170976	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	2.62	69	169431	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	3.63	63	294937	3.72	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	6.59	46	223080	59.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.56%
24) Chloroform-d	7.20	84	300075	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	7.89	65	137981	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	7.86	84	550777	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	8.90	67	162620	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	476084	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	10.24	79	34968	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	10.59	63	178321	62.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.52%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69252	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	104539	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

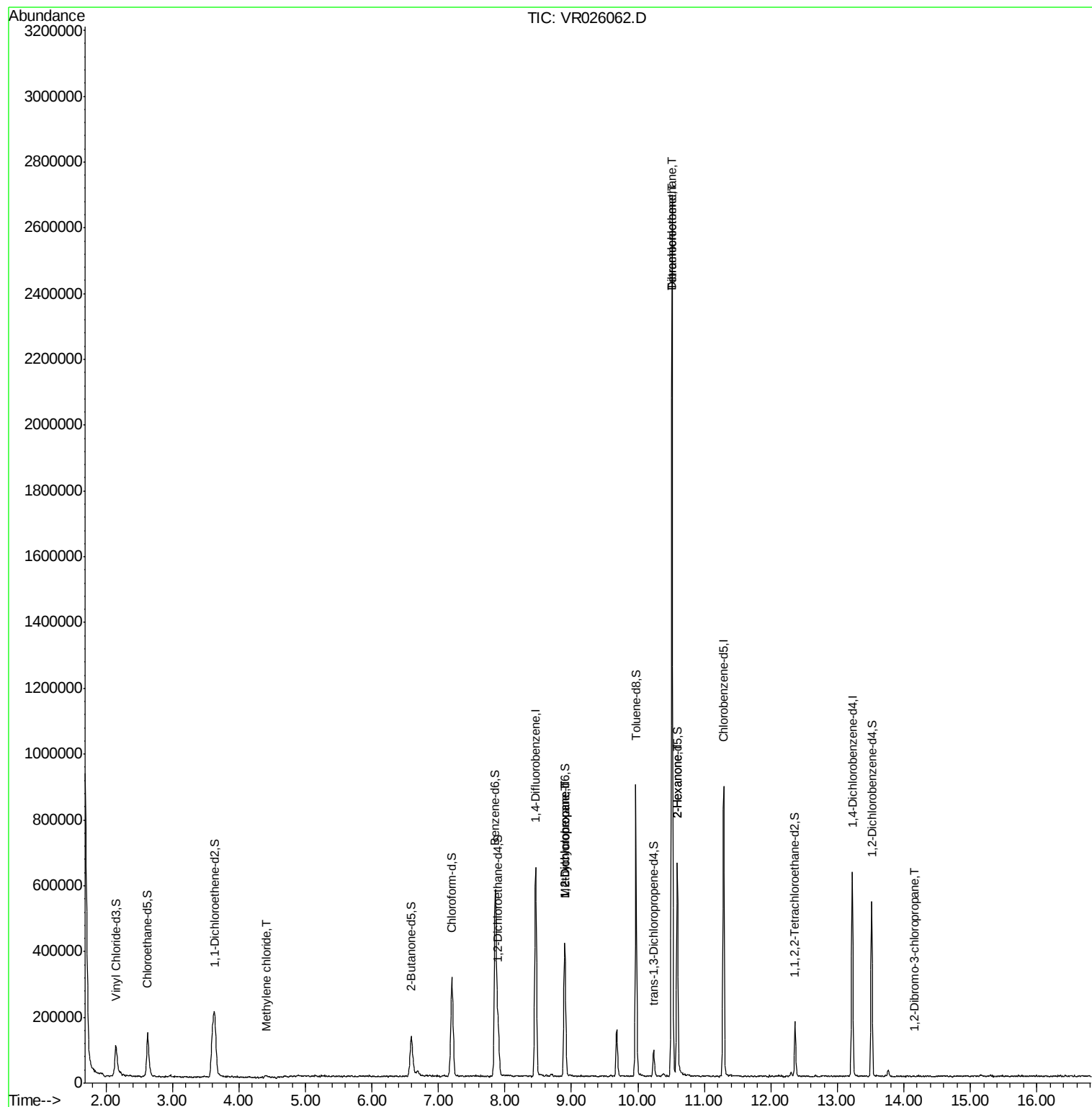
					Ovalue
16) Methylene chloride	4.41	84	4901	0.165 ug/L #	70
35) Methylcyclohexane	8.90	83	38758	0.791 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	21189	0.798 ug/L	100
47) Tetrachloroethene	10.51	164	419115	20.862 ug/L	96
48) 2-Hexanone	10.59	43	27036	4.424 ug/L #	71
49) Dibromochloromethane	10.51	129	364866	29.944 ug/L #	11
66) 1,2-Dibromo-3-chloropropan	14.16	75	257	0.221 ug/L #	43

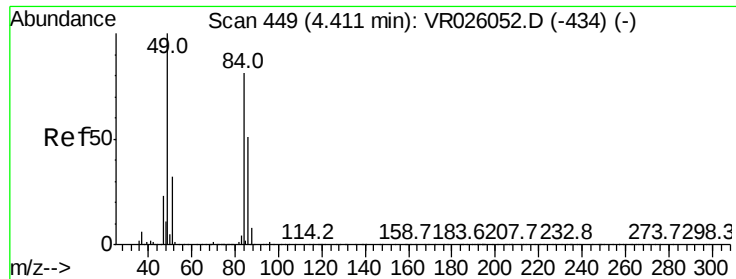
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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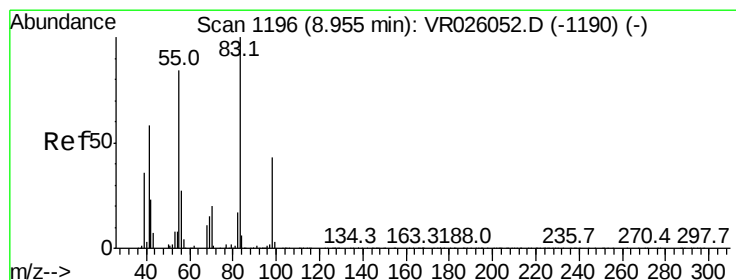
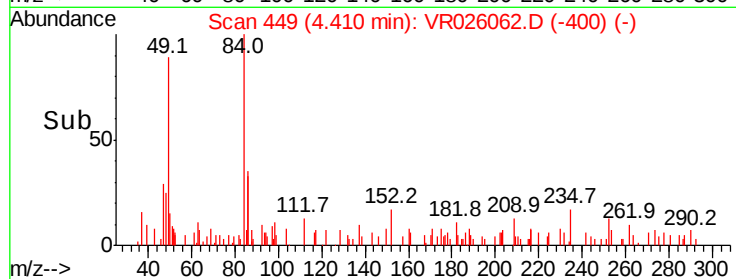
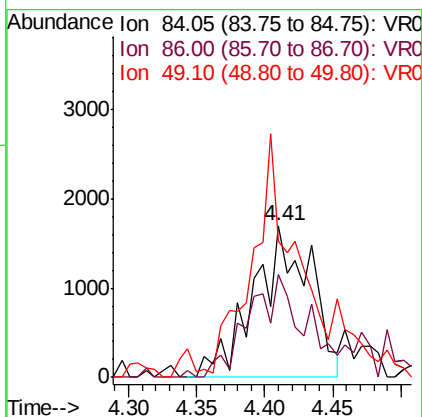
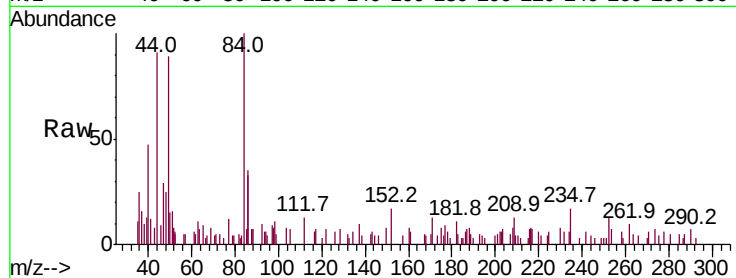




#16
Methvlene chloride
Concen: 0.165 ug/L
RT: 4.41 min Scan# 449
Delta R.T. -0.00 min
Lab File: VR026062.D
Acq: 12 Oct 2018 15:29

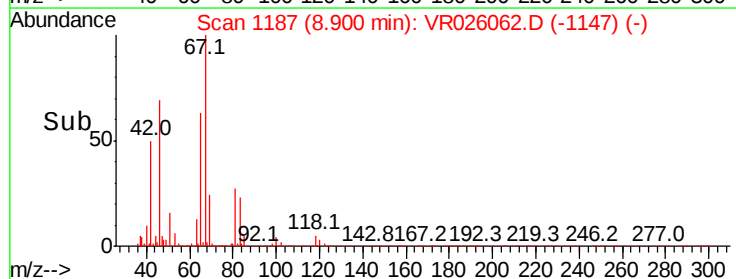
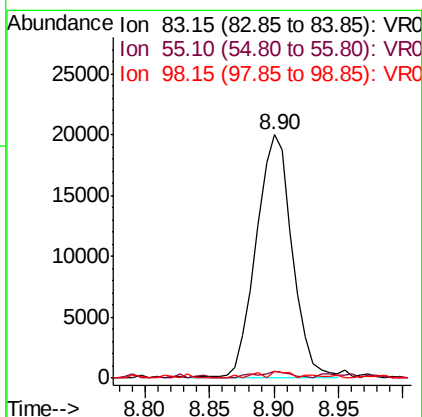
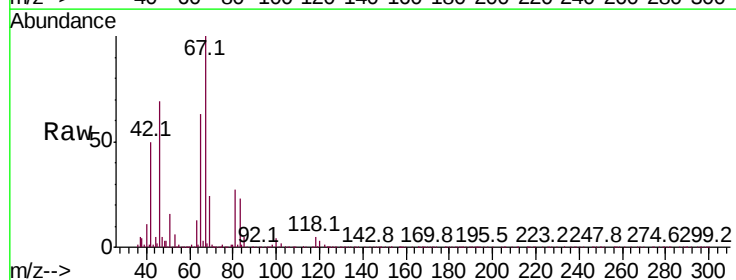
Instrument :
MSVOA_R
ClientSampleId :

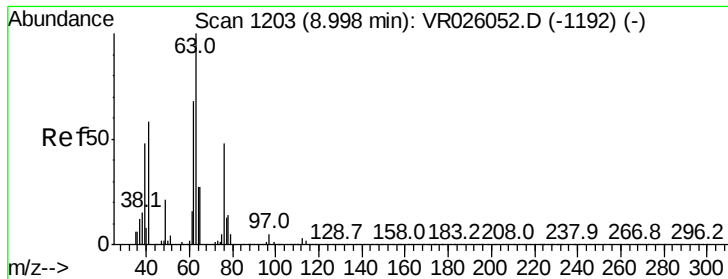
Tot Ion: 84 Resp: 4901
Ion Ratio Lower Upper
84 100
86 67.8 43.1 80.1
49 89.4 95.5 177.3#



#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026062.D
Acq: 12 Oct 2018 15:29

Tgt Ion: 83 Resp: 38758
Ion Ratio Lower Upper
83 100
55 2.6 71.8 107.6#
98 1.3 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.798 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

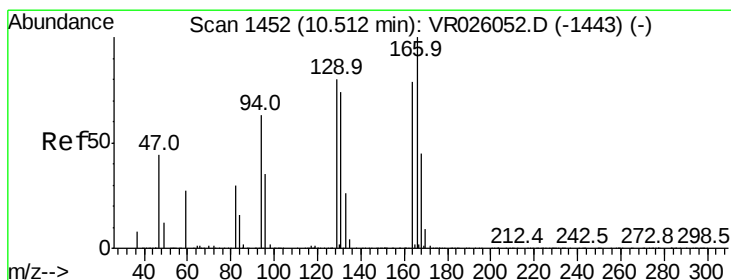
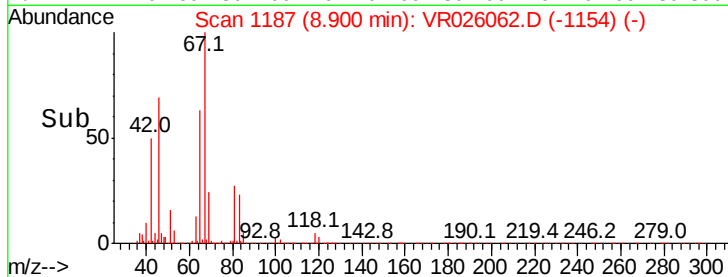
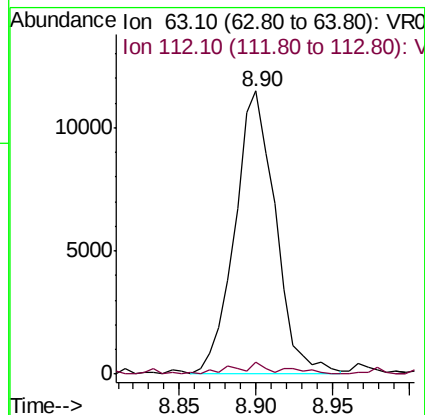
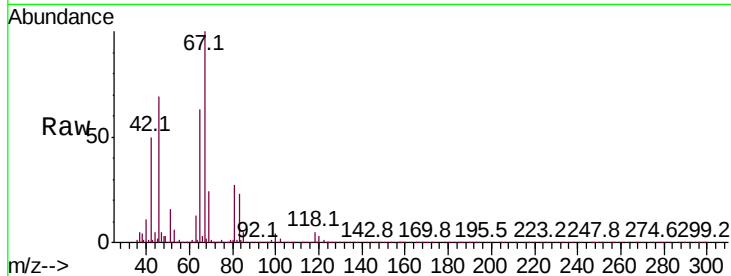
Lab File: VR026062.D

Acq: 12 Oct 2018 15:29

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 21189

Ion	Ratio	Lower	Upper
63	100		
112	3.0	2.5	3.7



#47

Tetrachloroethene

Concen: 20.862 ug/L

RT: 10.51 min Scan# 1452

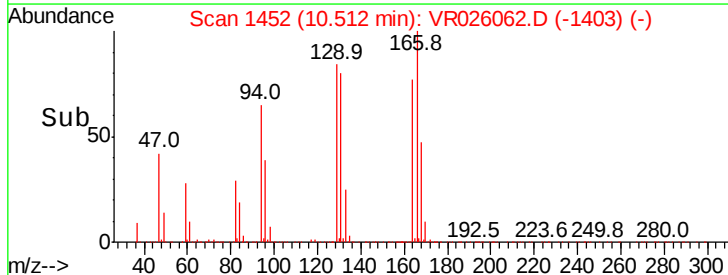
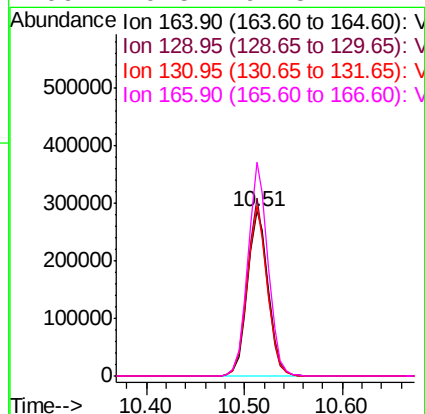
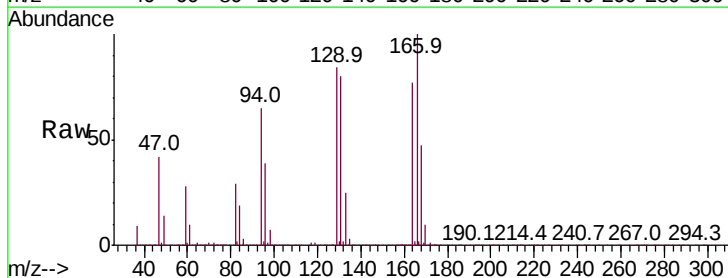
Delta R.T. -0.00 min

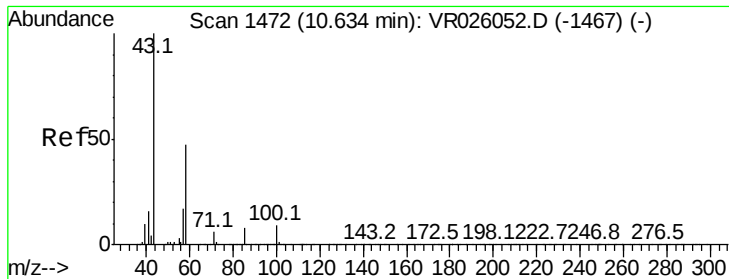
Lab File: VR026062.D

Acq: 12 Oct 2018 15:29

Tgt Ion: 164 Resp: 419115

Ion	Ratio	Lower	Upper
164	100		
129	108.2	80.8	150.2
131	103.4	74.5	138.3
166	129.5	92.5	171.7

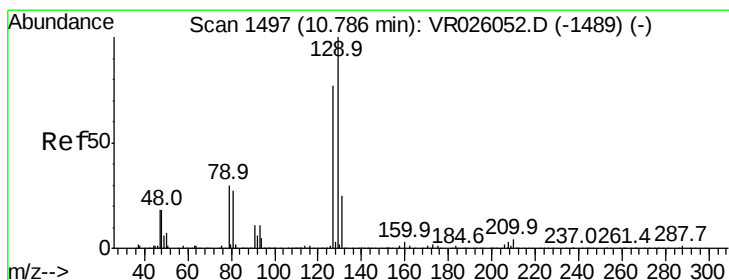
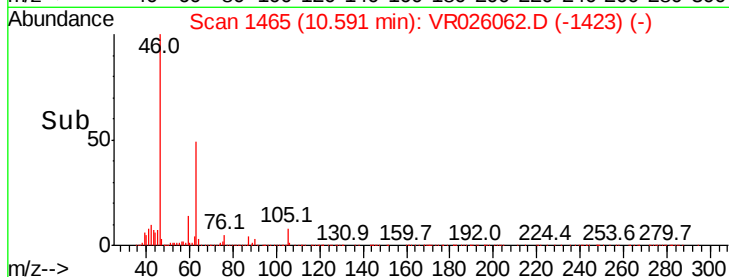
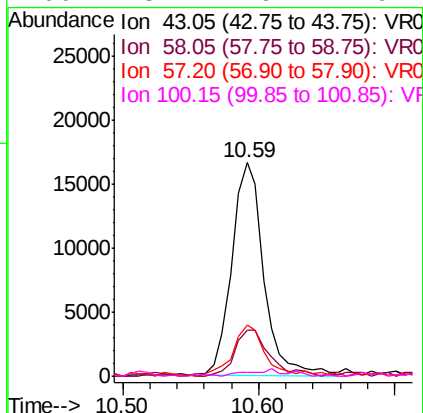
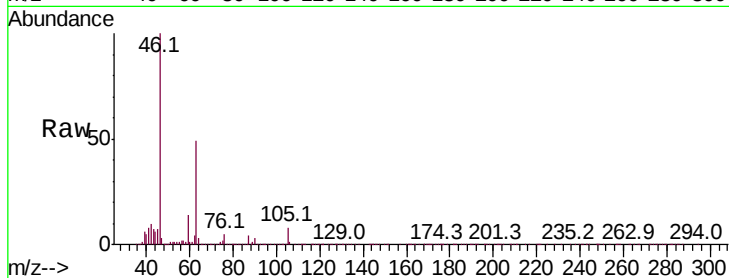




#48
2-Hexanone
Concen: 4.424 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026062.D
Acq: 12 Oct 2018 15:29

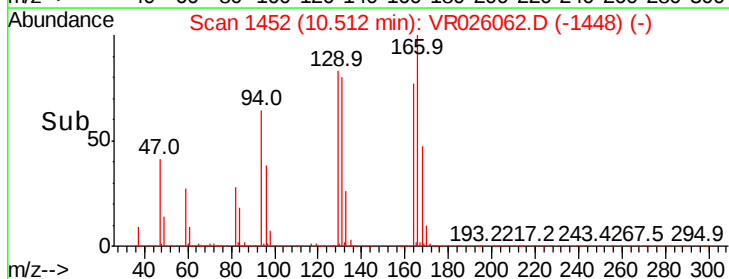
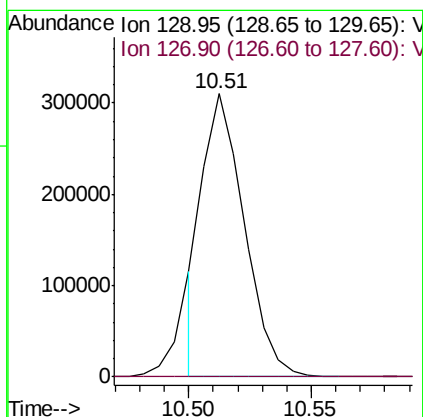
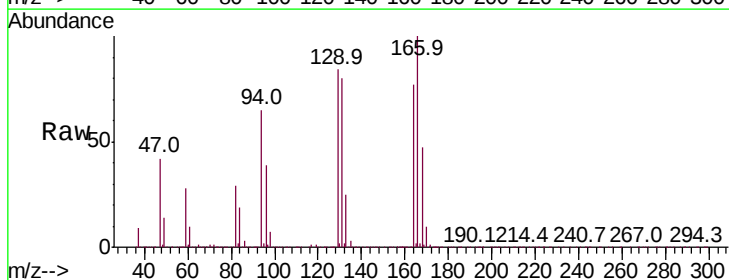
Instrument :
MSVOA_R
ClientSampled :

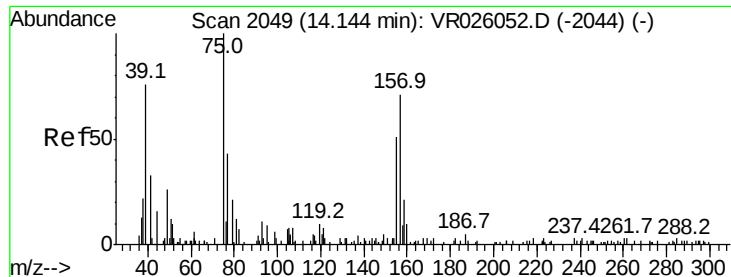
Tot Ion: 43 Resp: 27036
Ion Ratio Lower Upper
43 100
58 23.8 39.5 59.3#
57 23.6 14.6 21.8#
100 3.1 6.7 10.1#



#49
Dibromochloromethane
Concen: 29.944 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026062.D
Acq: 12 Oct 2018 15:29

Tgt Ion: 129 Resp: 364866
Ion Ratio Lower Upper
129 100
127 0.4 54.1 100.5#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.221 ug/L

RT: 14.16 min Scan# 2052

Delta R.T. 0.02 min

Lab File: VR026062.D

Acq: 12 Oct 2018 15:29

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 75 Resp: 257

Ion Ratio Lower Upper

75 100

155 0.0 37.8 56.6#

157 26.7 49.7 74.5#

