

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101218\
 Data File : VR026061.D
 Acq On : 12 Oct 2018 14:55
 Operator : SY/MD
 Sample : J5315-06 1000X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 13 00:56:17 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	419895	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	358168	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	120660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	170757	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	2.63	69	172602	6.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.60%
11) 1,1-Dichloroethene-d2	3.62	63	302989	3.90	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	6.59	46	226653	61.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.80%
24) Chloroform-d	7.20	84	302003	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	7.90	65	139448	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	7.85	84	560117	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	8.90	67	163373	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	9.97	98	479130	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	10.24	79	35371	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	10.59	63	181385	65.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.46%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70273	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	104648	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

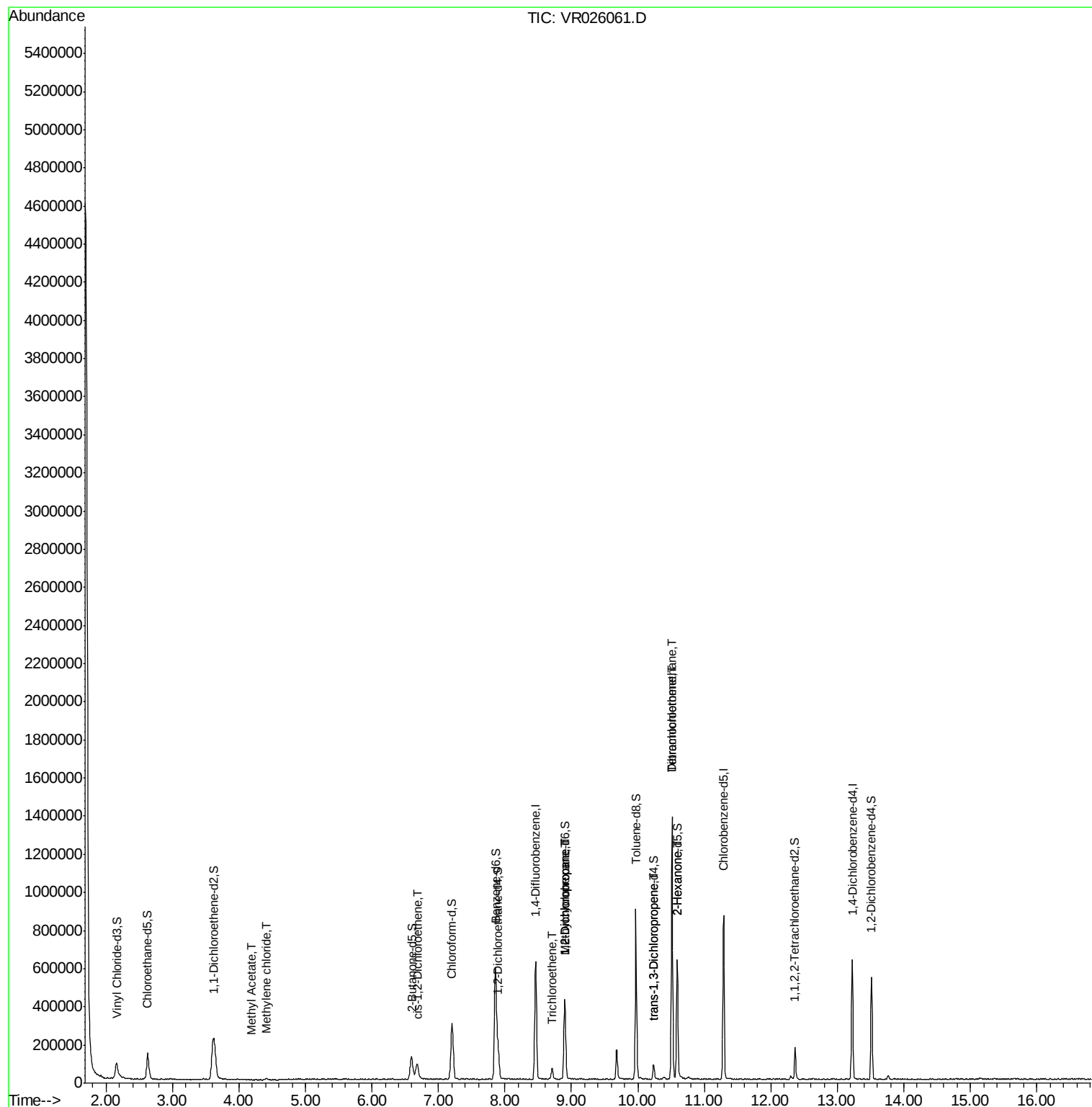
					Ovalue
15) Methyl Acetate	4.20	43	1019	0.137 ug/L #	83
16) Methylene chloride	4.42	84	4053	0.139 ug/L #	69
22) cis-1,2-Dichloroethene	6.68	96	38941	1.476 ug/L #	100
34) Trichloroethene	8.71	95	17375	0.549 ug/L	91
35) Methylcyclohexane	8.90	83	38552	0.810 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	21646	0.840 ug/L #	97
44) trans-1,3-Dichloropropene	10.23	75	3166	0.168 ug/L	93
47) Tetrachloroethene	10.51	164	220355	11.297 ug/L	95
48) 2-Hexanone	10.59	43	28009	4.721 ug/L #	67
49) Dibromochloromethane	10.51	129	194826	16.468 ug/L #	11

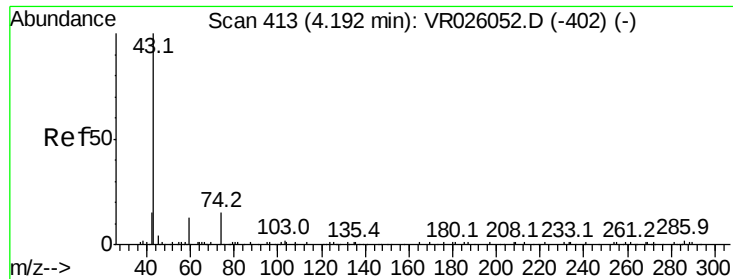
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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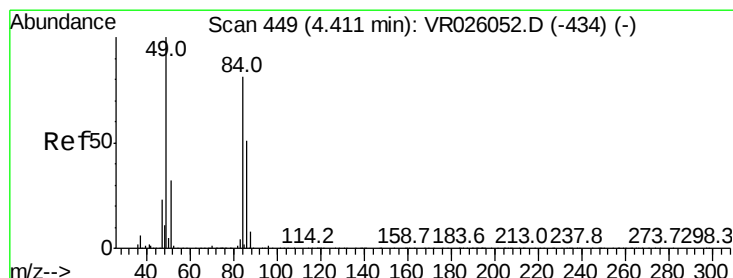
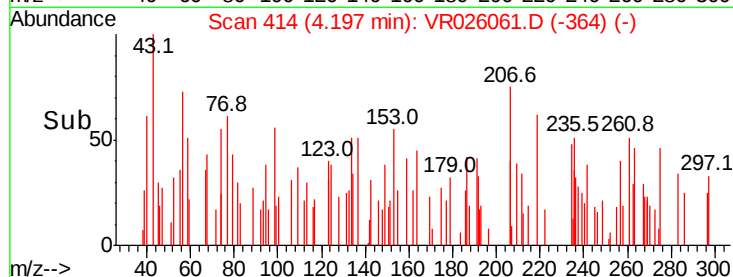
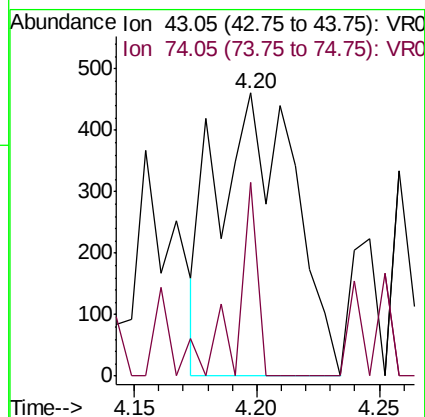
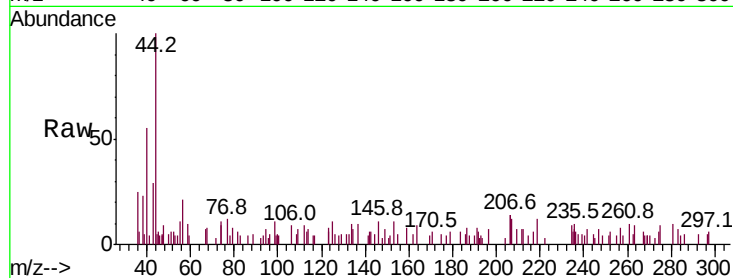




#15
Methyl Acetate
Concen: 0.137 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR026061.D
Acq: 12 Oct 2018 14:55

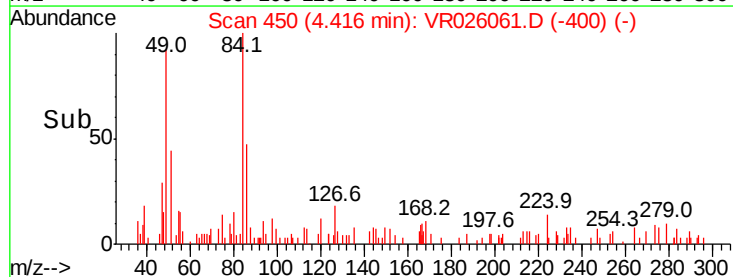
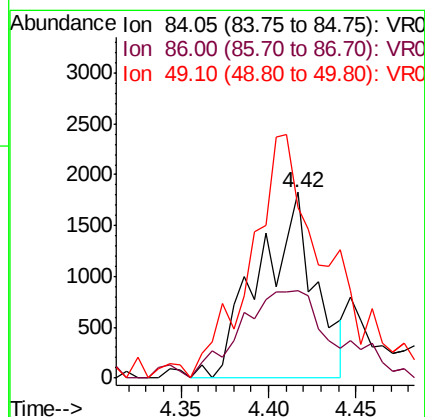
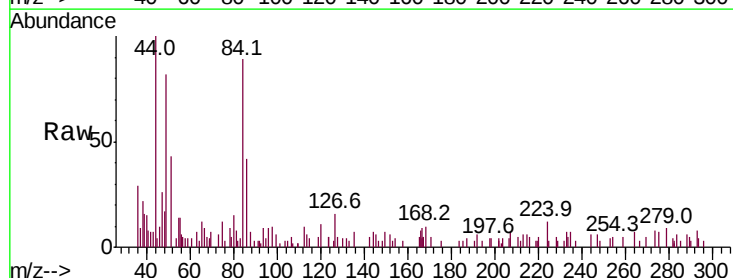
Instrument :
MSVOA_R
ClientSampled :

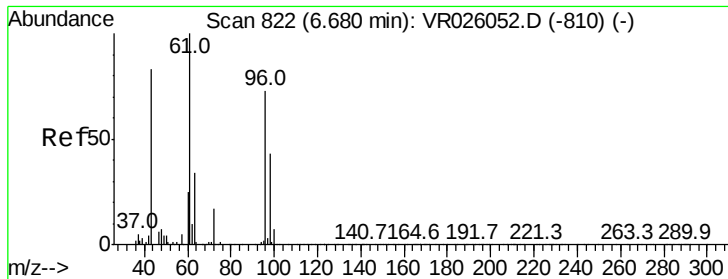
Tot Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
74 15.5 19.0 28.4#



#16
Methylene chloride
Concen: 0.139 ug/L
RT: 4.42 min Scan# 450
Delta R.T. 0.01 min
Lab File: VR026061.D
Acq: 12 Oct 2018 14:55

Tgt Ion: 84 Resp: 4053
Ion Ratio Lower Upper
84 100
86 47.1 43.1 80.1
49 91.9 95.5 177.3#



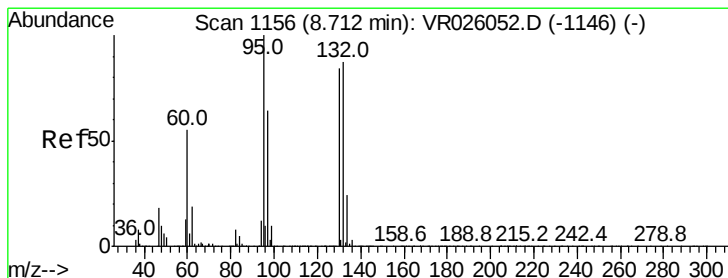
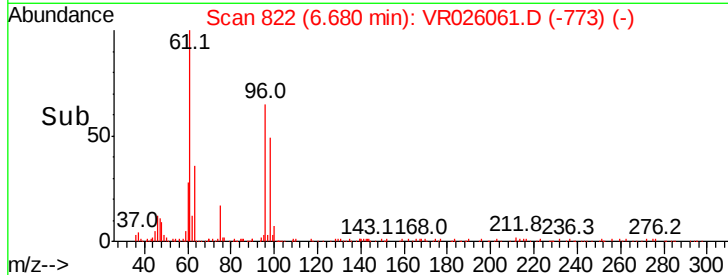
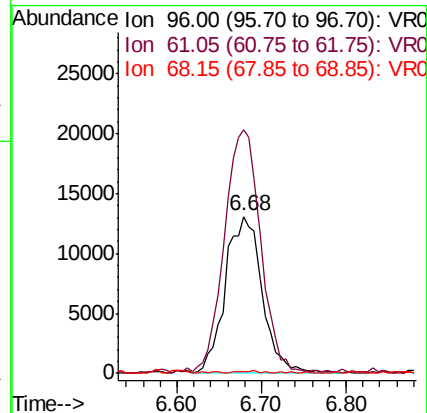
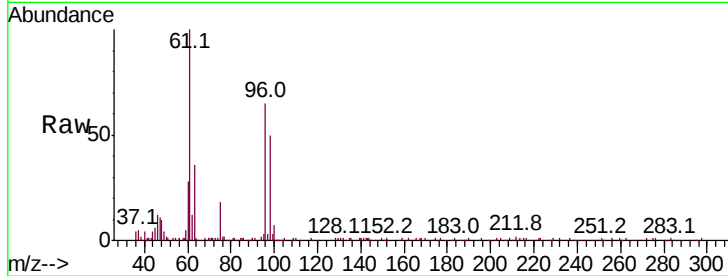


#22

cis-1,2-Dichloroethene
Concen: 1.476 ug/L
RT: 6.68 min Scan# 822
Delta R.T. -0.00 min
Lab File: VR026061.D
Acq: 12 Oct 2018 14:55

Instrument :
MSVOA_R
ClientSampleId :

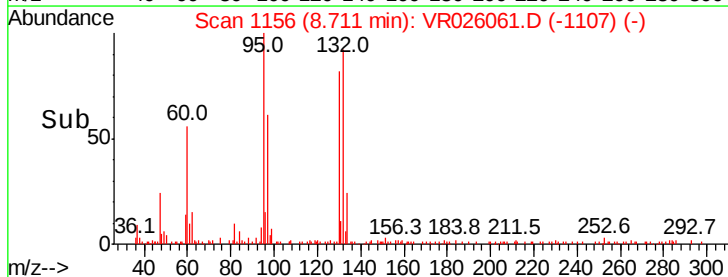
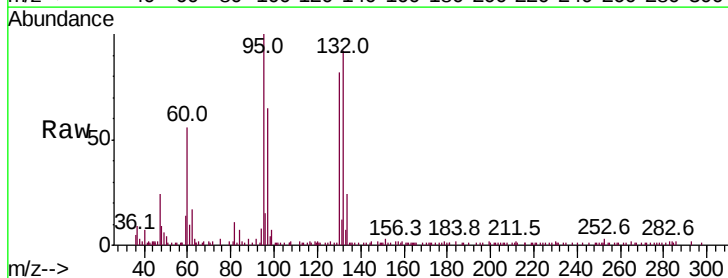
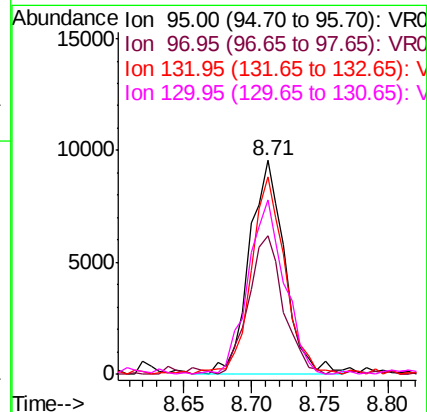
Tot Ion	96	Resp	38941
Ion Ratio	Lower	Upper	
96	100		
61	155.0	108.7	201.9
68	1.2	0.1	0.1#

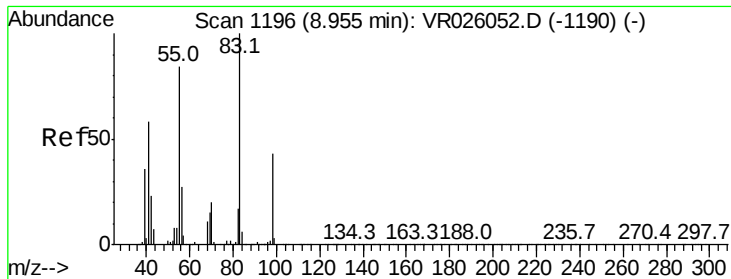


#34

Trichloroethene
Concen: 0.549 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR026061.D
Acq: 12 Oct 2018 14:55

Tgt Ion	95	Resp	17375
Ion Ratio	Lower	Upper	
95	100		
97	64.7	43.9	81.5
132	92.0	53.3	98.9
130	81.5	53.8	99.8

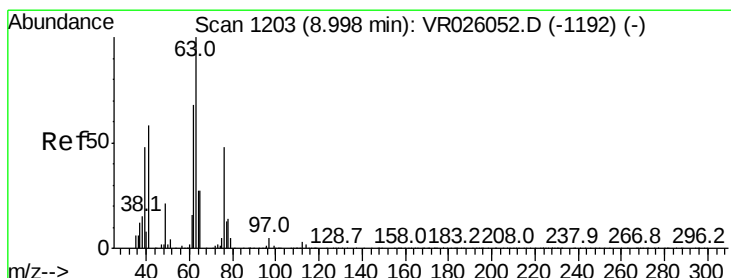
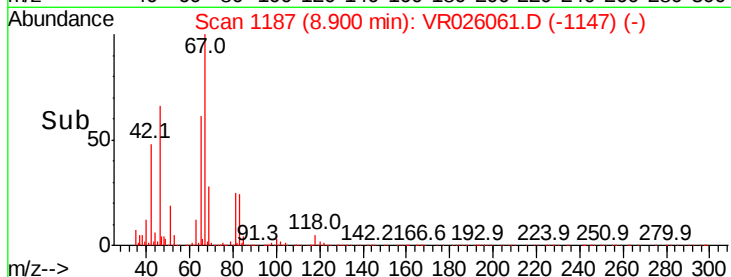
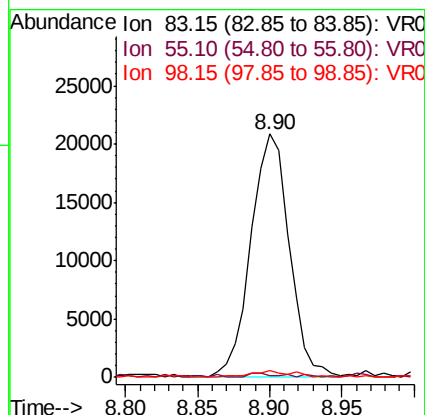
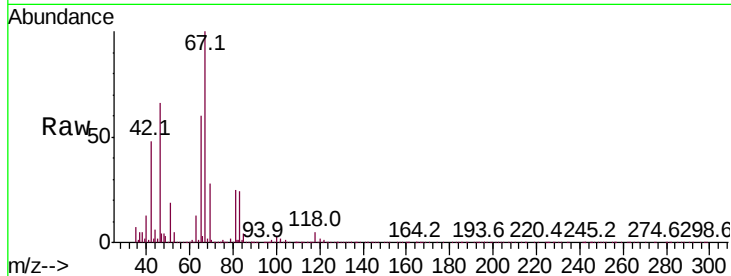




#35
Methvlcvclohexane
Concen: 0.810 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026061.D
Acq: 12 Oct 2018 14:55

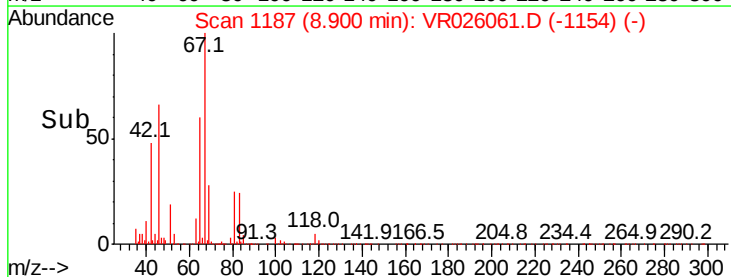
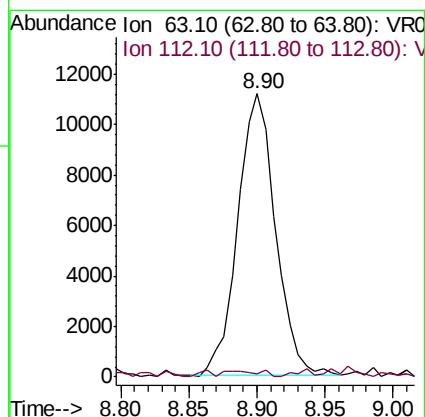
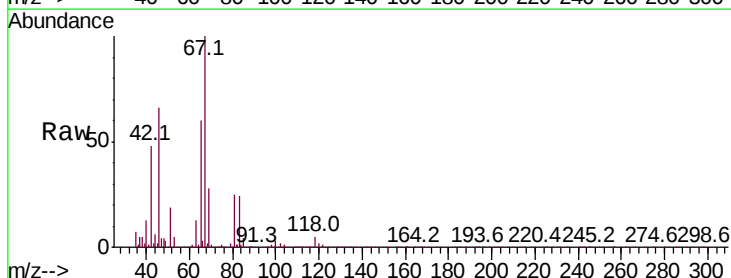
Instrument :
MSVOA_R
ClientSampled :

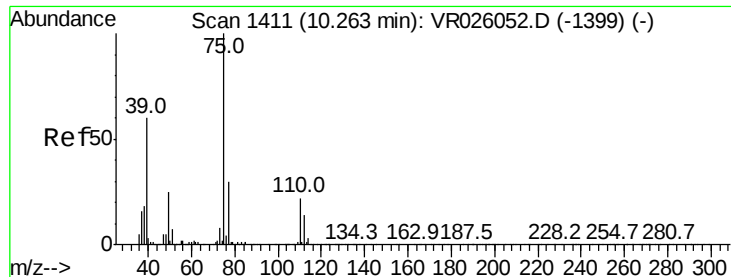
Tot Ion: 83 Resp: 38552
Ion Ratio Lower Upper
83 100
55 1.0 71.8 107.6#
98 3.3 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.840 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026061.D
Acq: 12 Oct 2018 14:55

Tgt Ion: 63 Resp: 21646
Ion Ratio Lower Upper
63 100
112 2.1 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.168 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026061.D

Acq: 12 Oct 2018 14:55

Instrument :

MSVOA_R

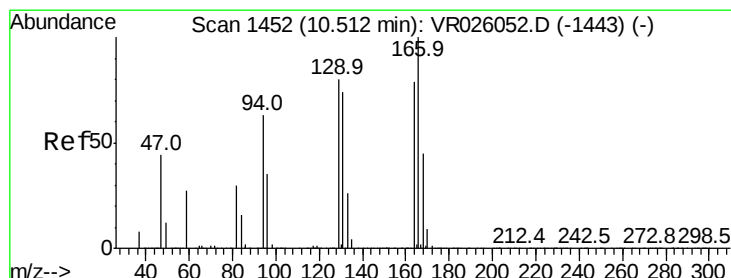
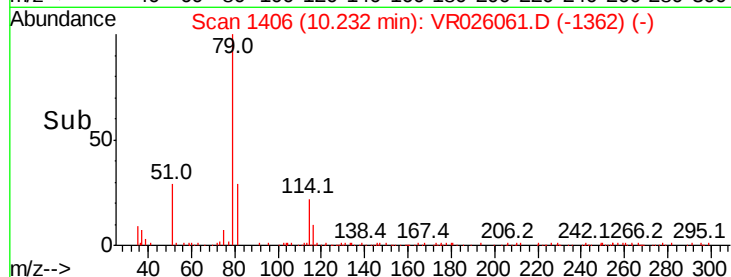
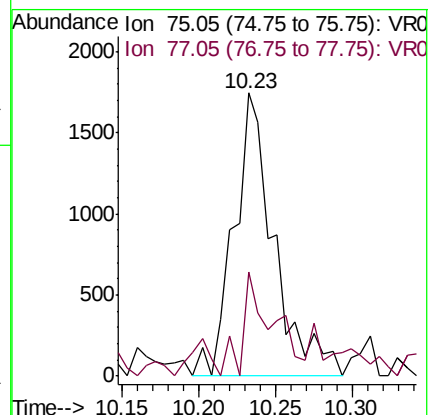
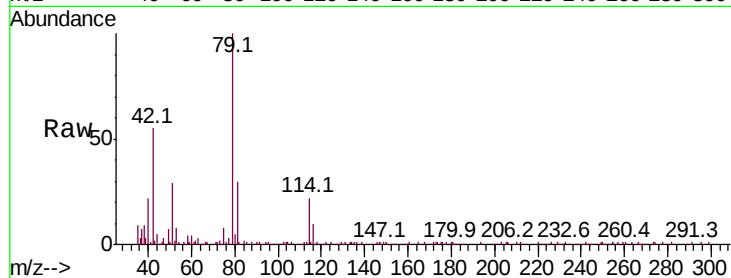
ClientSampleId :

Tot Ion: 75 Resp: 3166

Ion Ratio Lower Upper

75 100

77 37.0 23.0 42.8



#47

Tetrachloroethene

Concen: 11.297 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026061.D

Acq: 12 Oct 2018 14:55

Tgt Ion: 164 Resp: 220355

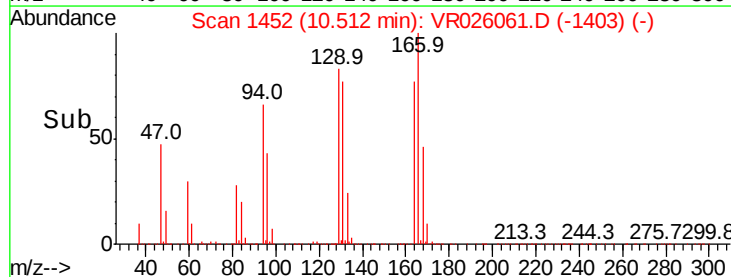
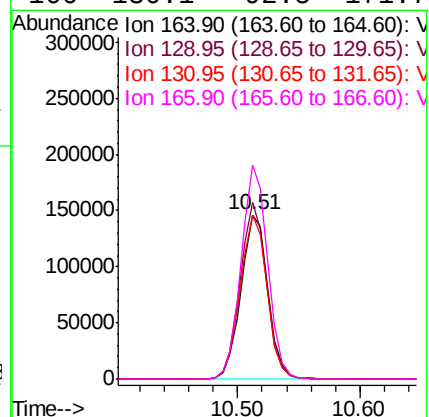
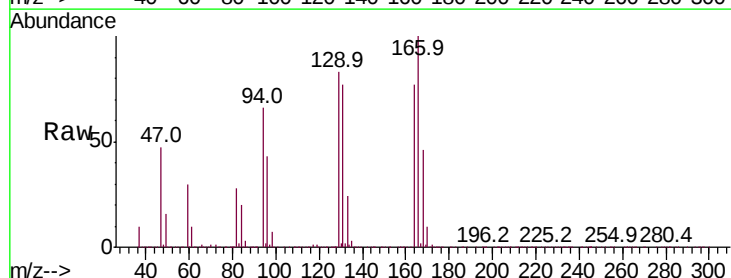
Ion Ratio Lower Upper

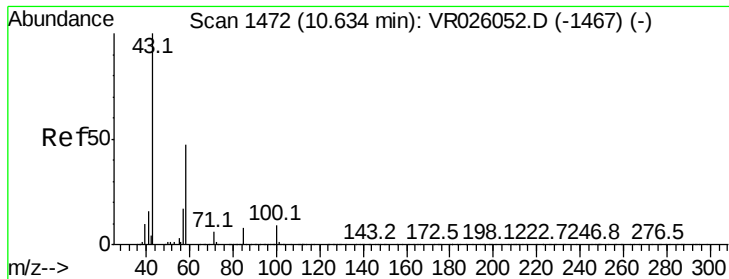
164 100

129 107.9 80.8 150.2

131 99.6 74.5 138.3

166 130.1 92.5 171.7

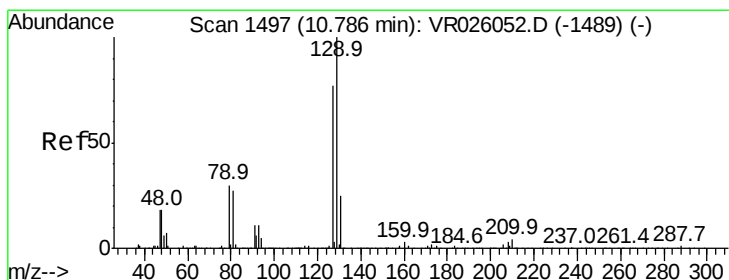
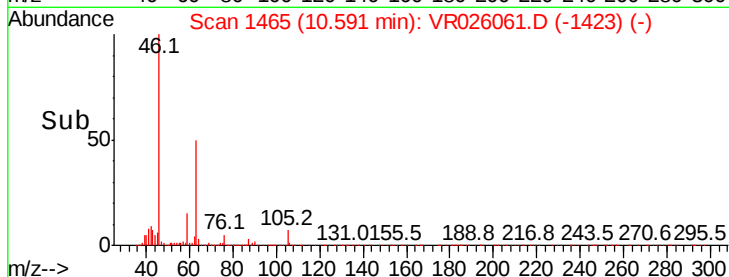
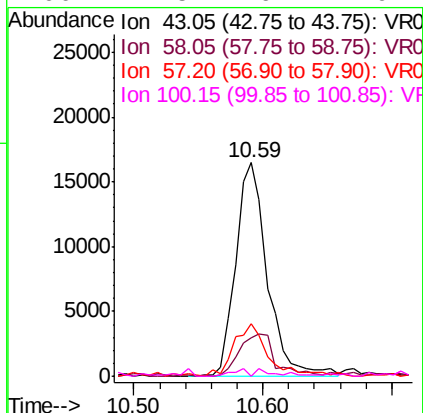
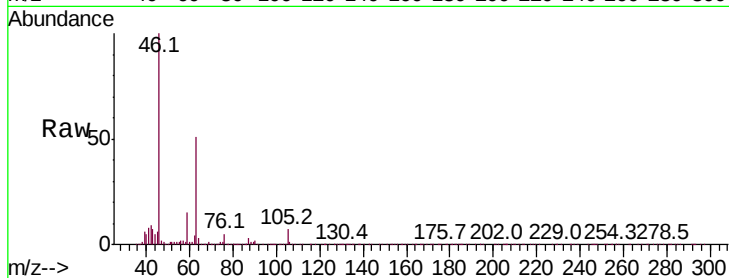




#48
2-Hexanone
Concen: 4.721 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026061.D
Acq: 12 Oct 2018 14:55

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	22.2	39.5	59.3#
57	26.9	14.6	21.8#
100	1.5	6.7	10.1#



#49
Dibromochloromethane
Concen: 16.468 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026061.D
Acq: 12 Oct 2018 14:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.5	54.1	100.5#

