

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101019\
 Data File : VR026654.D
 Acq On : 10 Oct 2019 17:18
 Operator : SY/MD
 Sample : IBLK
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 11 06:09:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 05:48:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	247994	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	203081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	85255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.19	65	77728	9.24	ug/L	0.00
7) Chloroethane-d5	2.65	69	64173	9.01	ug/L	0.01
11) 1,1-Dichloroethene-d2	3.65	63	129370	5.81	ug/L	0.00
20) 2-Butanone-d5	6.62	46	100173	64.53	ug/L	0.00
24) Chloroform-d	7.23	84	220514	7.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	81303	8.08	ug/L	0.00
32) Benzene-d6	7.88	84	448704	7.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	108854	7.21	ug/L	0.00
41) Toluene-d8	9.99	98	349079	7.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	27601	7.81	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	76021	75.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.38	84	50017	6.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	94356	7.92	ug/L	0.00

Target Compounds

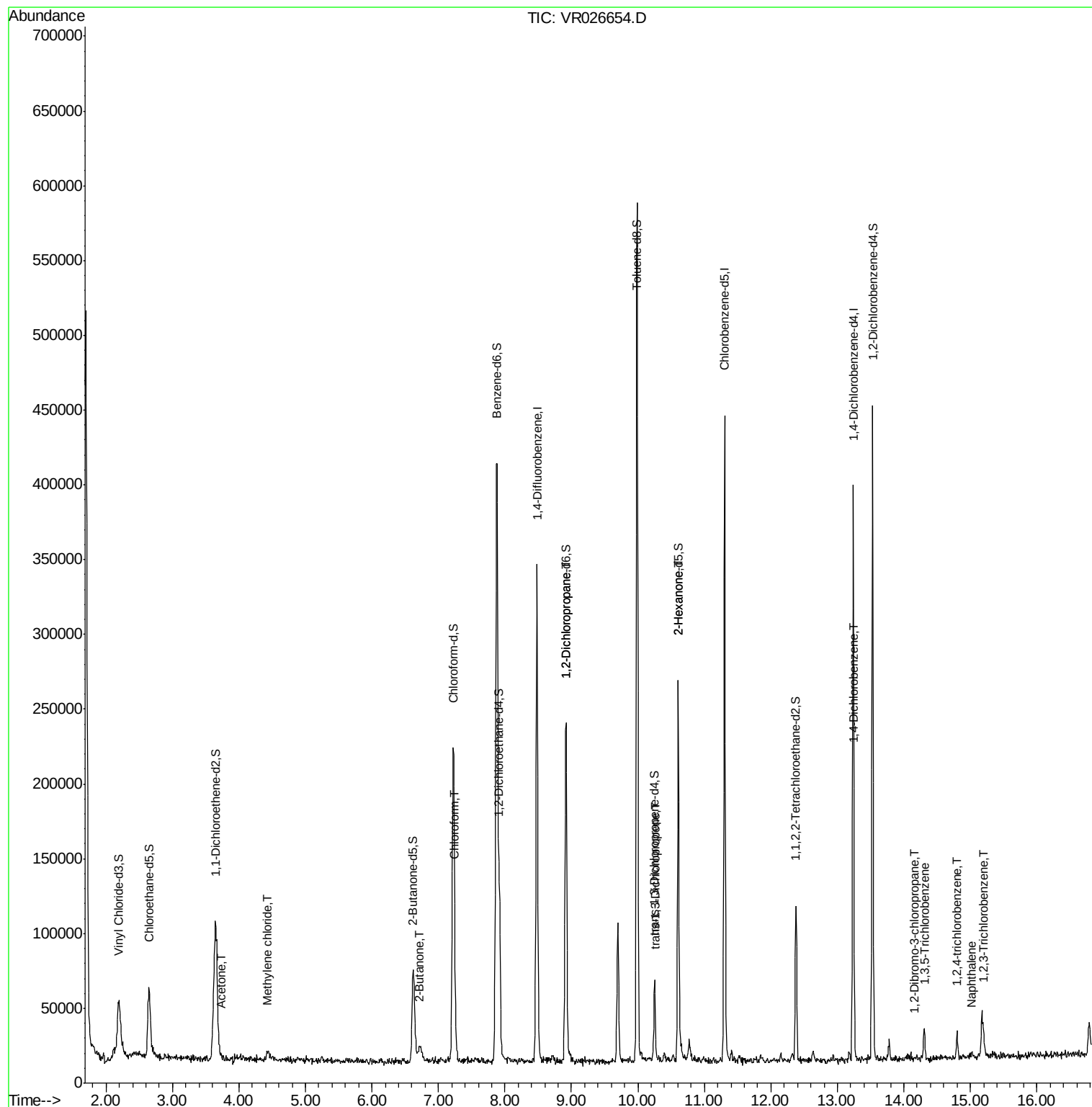
					Qvalue
13) Acetone	3.74	43	1713	1.465 ug/L	94
16) Methylene chloride	4.42	84	4710	0.194 ug/L	85
21) 2-Butanone	6.72	43	3048	1.464 ug/L	83
25) Chloroform	7.25	83	5548	0.129 ug/L	82
37) 1,2-Dichloropropane	8.92	63	11569	0.618 ug/L #	91
44) trans-1,3-Dichloropropene	10.26	75	1351	0.104 ug/L #	1
48) 2-Hexanone	10.61	43	11006	3.749 ug/L #	67
63) 1,4-Dichlorobenzene	13.26	146	2504	0.081 ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.16	75	287	0.218 ug/L #	49
67) 1,3,5-Trichlorobenzene	14.31	180	5100	0.207 ug/L #	87
68) 1,2,4-trichlorobenzene	14.80	180	3516	0.203 ug/L	98
69) Naphthalene	15.01	128	2400	0.106 ug/L #	91
70) 1,2,3-Trichlorobenzene	15.20	180	4247	0.270 ug/L	94

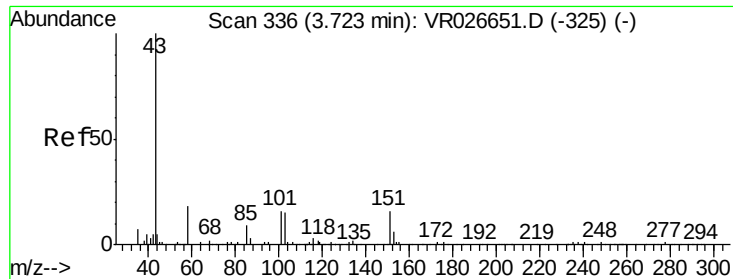
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.465 ug/L

RT: 3.74 min Scan# 338

Delta R.T. 0.01 min

Lab File: VR026654.D

Acq: 10 Oct 2019 17:18

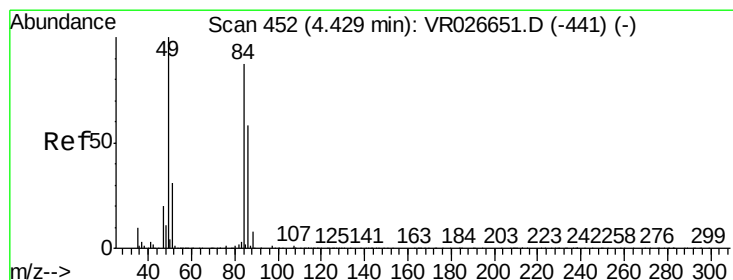
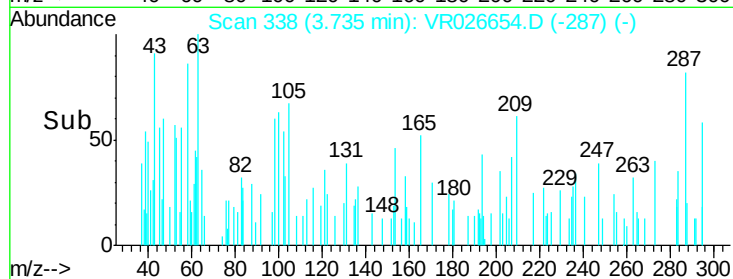
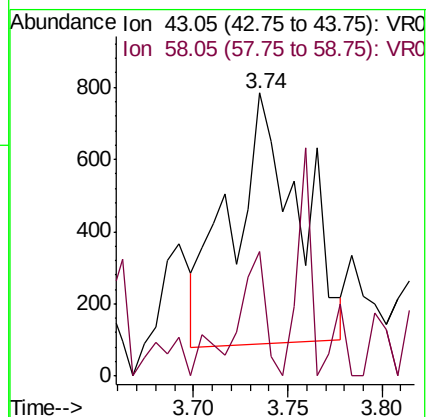
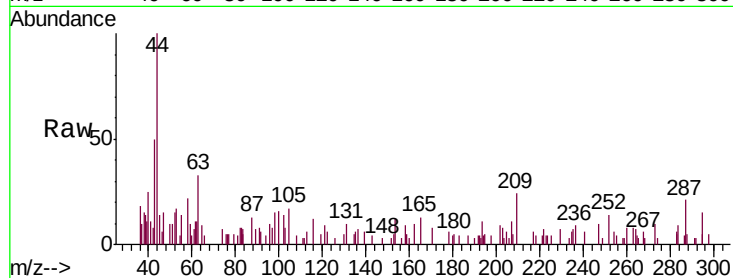
Instrument :
MSVOA_R
ClientSampled :

Tgt Ion: 43 Resp: 1713

Ion Ratio Lower Upper

43 100

58 22.4 0.0 39.6



#16

Methylene chloride

Concen: 0.194 ug/L

RT: 4.42 min Scan# 451

Delta R.T. -0.01 min

Lab File: VR026654.D

Acq: 10 Oct 2019 17:18

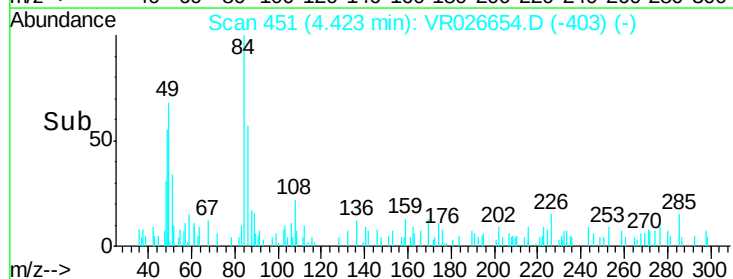
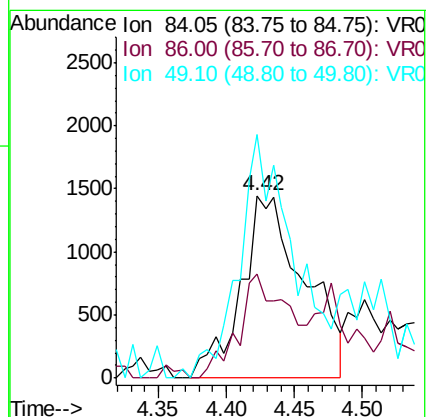
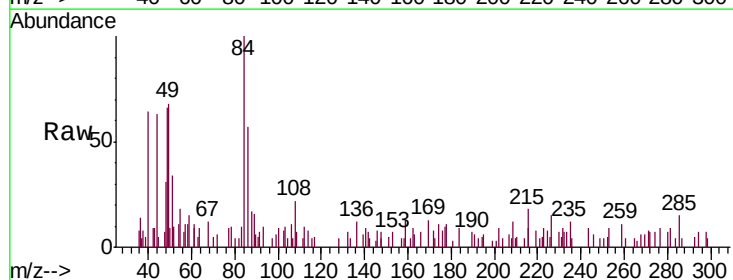
Tgt Ion: 84 Resp: 4710

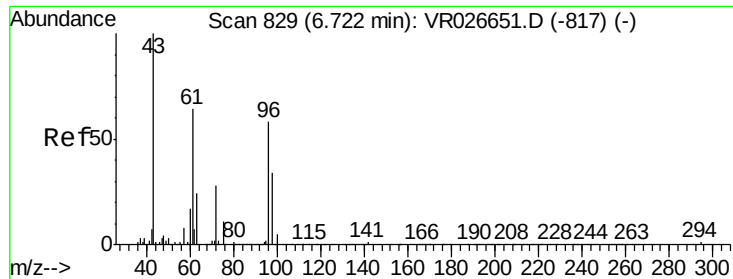
Ion Ratio Lower Upper

84 100

86 57.2 46.4 86.2

49 133.6 80.8 150.0





#21

2-Butanone

Concen: 1.464 ug/L

RT: 6.72 min Scan# 829

Delta R.T. -0.00 min

Lab File: VR026654.D

Acq: 10 Oct 2019 17:18

Instrument :

MSVOA_R

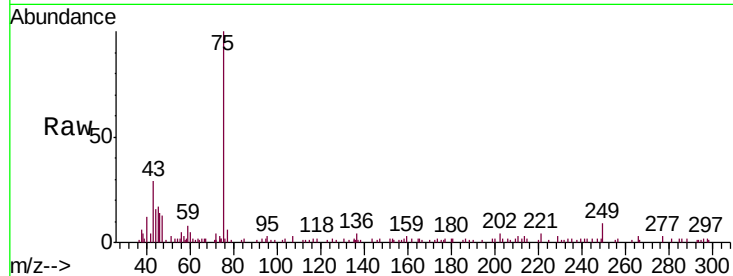
ClientSampleId :

Tgt Ion: 43 Resp: 3048

Ion Ratio Lower Upper

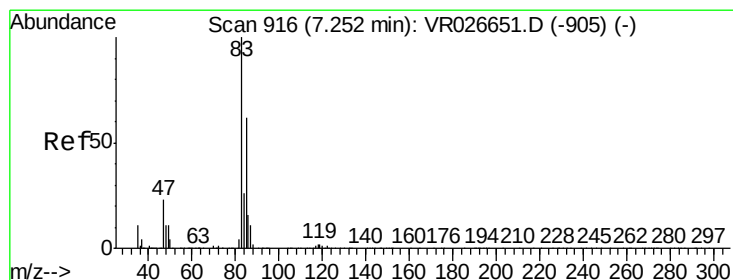
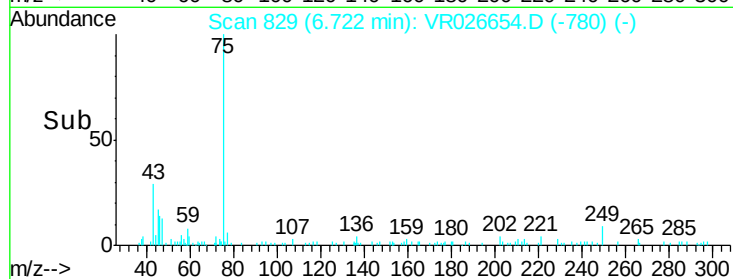
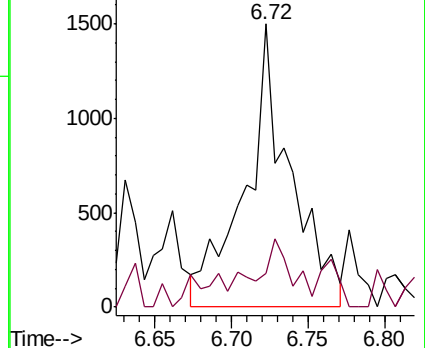
43 100

72 19.8 14.4 43.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#25

Chloroform

Concen: 0.129 ug/L

RT: 7.25 min Scan# 916

Delta R.T. -0.00 min

Lab File: VR026654.D

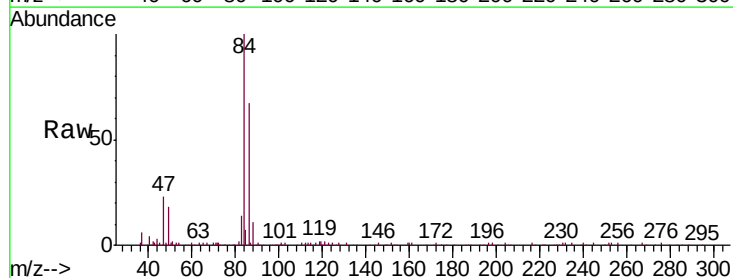
Acq: 10 Oct 2019 17:18

Tgt Ion: 83 Resp: 5548

Ion Ratio Lower Upper

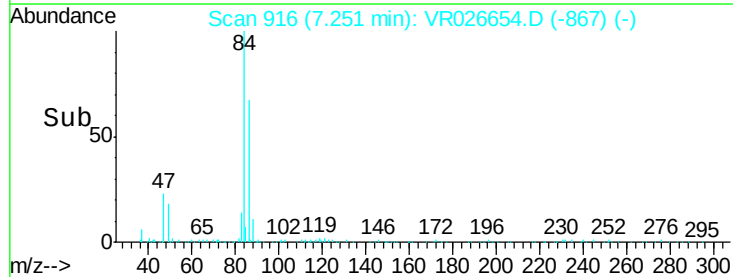
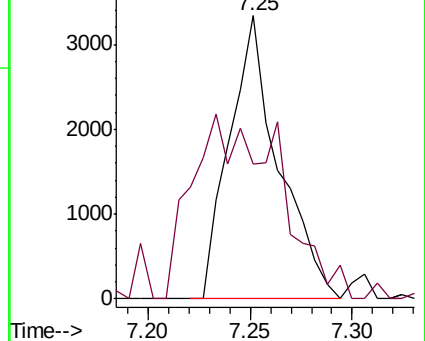
83 100

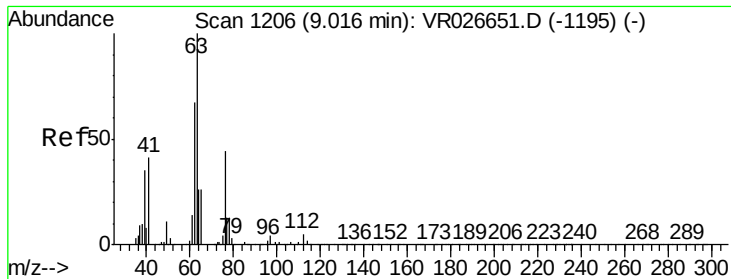
85 47.8 43.3 80.5



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0

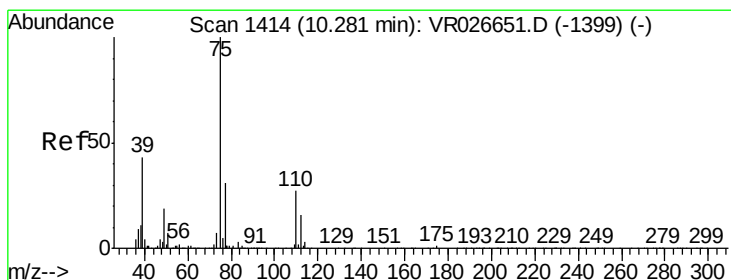
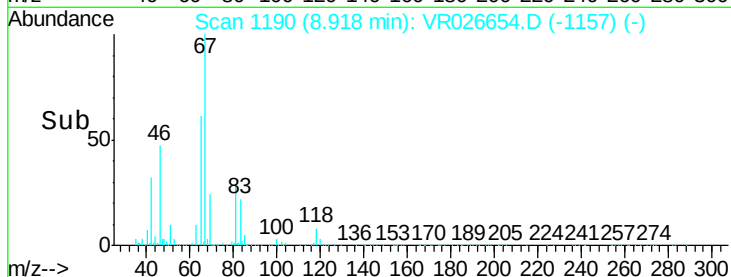
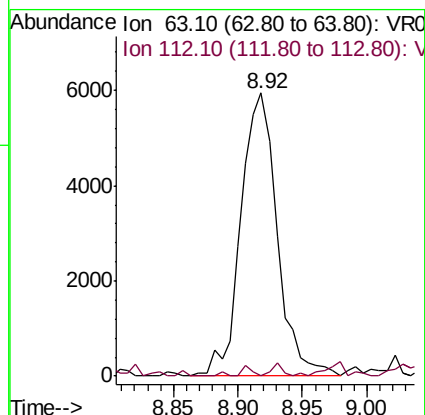
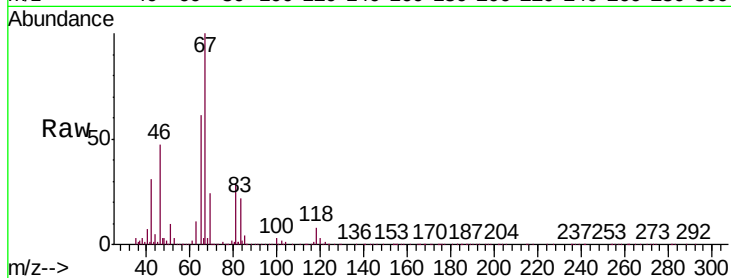




#37
 1,2-Dichloropropane
 Concen: 0.618 ug/L
 RT: 8.92 min Scan# 1190
 Delta R.T. -0.10 min
 Lab File: VR026654.D
 Acq: 10 Oct 2019 17:18

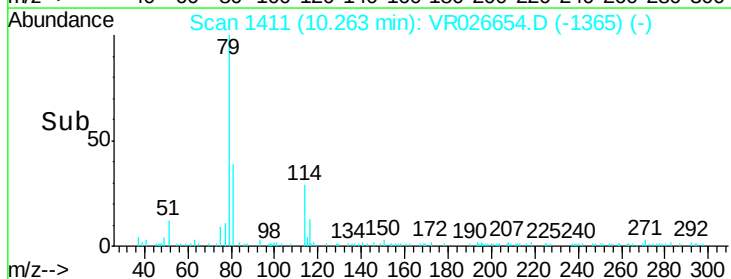
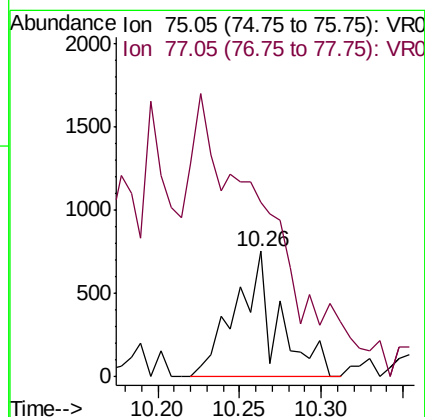
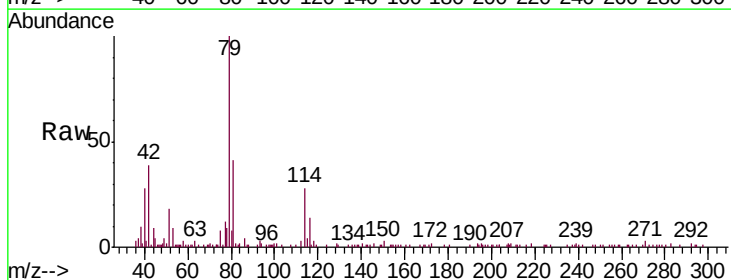
Instrument :
 MSVOA_R
 ClientSampleId :

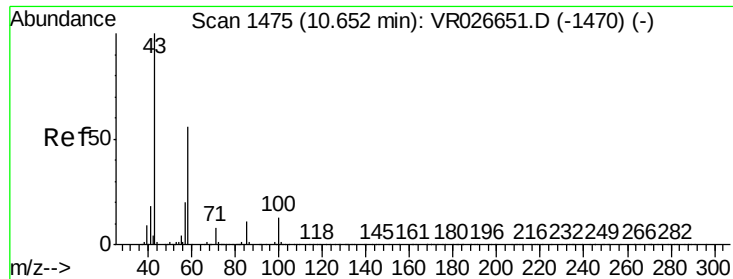
Tgt Ion: 63 Resp: 11569
 Ion Ratio Lower Upper
 63 100
 112 1.4 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 10.26 min Scan# 1411
 Delta R.T. -0.02 min
 Lab File: VR026654.D
 Acq: 10 Oct 2019 17:18

Tgt Ion: 75 Resp: 1351
 Ion Ratio Lower Upper
 75 100
 77 139.4 24.2 45.0#

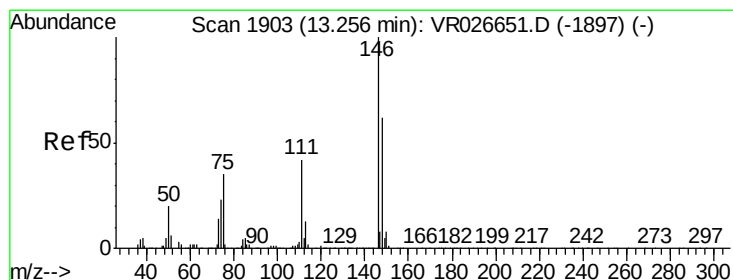
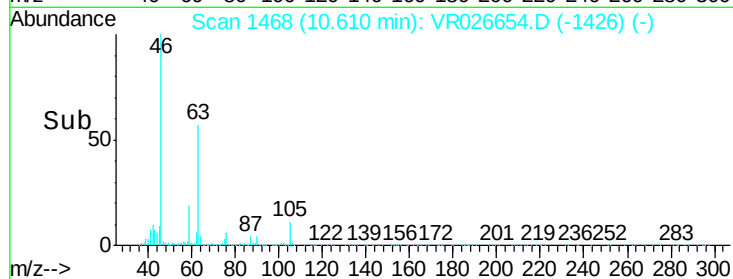
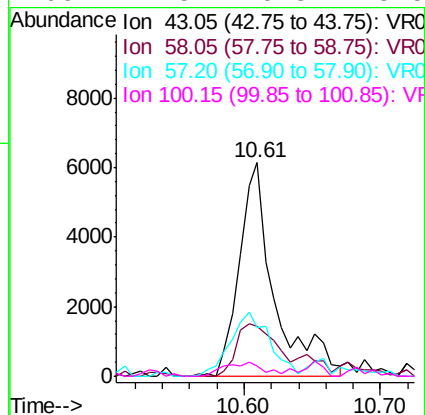
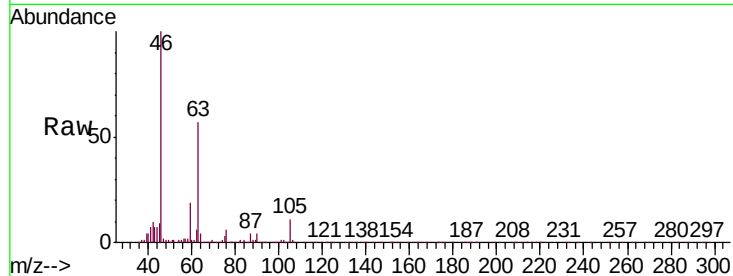




#48
2-Hexanone
Concen: 3.749 ug/L
RT: 10.61 min Scan# 1468
Delta R.T. -0.04 min
Lab File: VR026654.D
Acq: 10 Oct 2019 17:18

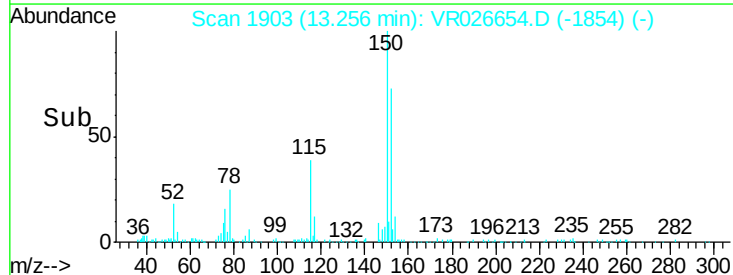
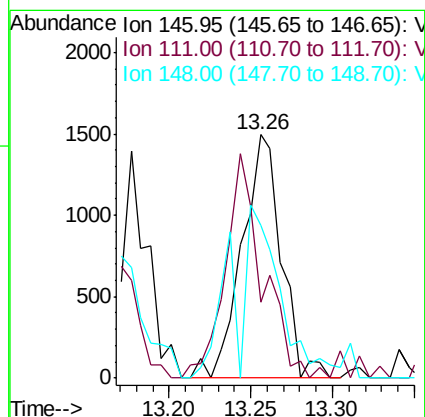
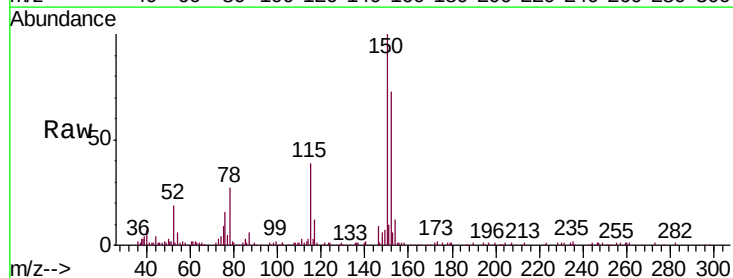
Instrument :
MSVOA_R
ClientSampleId :

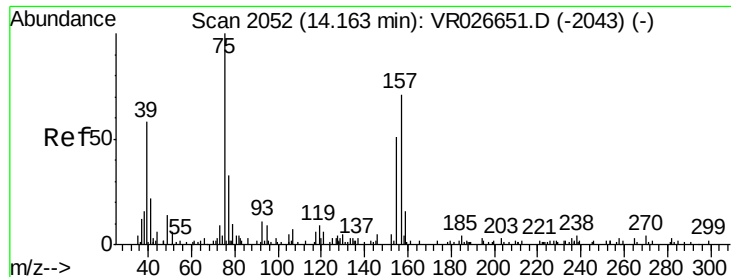
Tgt Ion:	43	Resp:	11006
Ion	Ratio	Lower	Upper
43	100		
58	29.2	47.0	70.4#
57	33.6	16.8	25.2#
100	7.5	10.3	15.5#



#63
1,4-Dichlorobenzene
Concen: 0.081 ug/L
RT: 13.26 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VR026654.D
Acq: 10 Oct 2019 17:18

Tgt Ion:	146	Resp:	2504
Ion	Ratio	Lower	Upper
146	100		
111	31.1	29.6	55.0
148	62.6	43.2	80.2

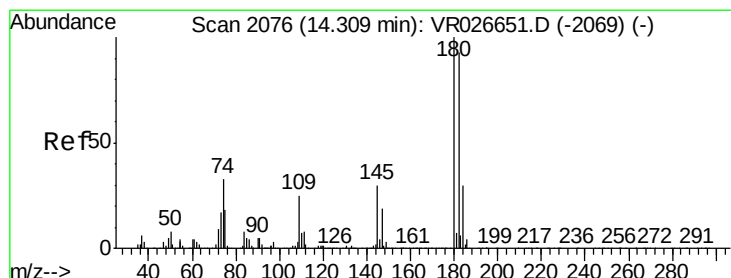
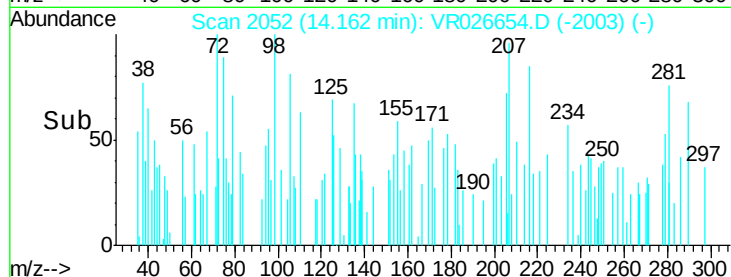
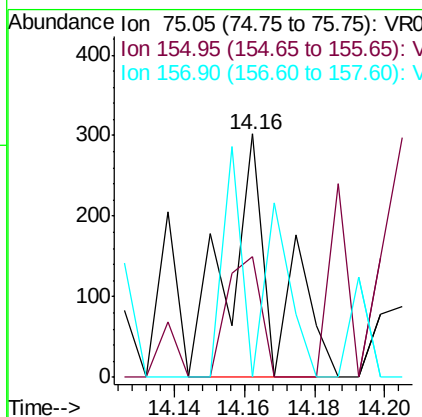
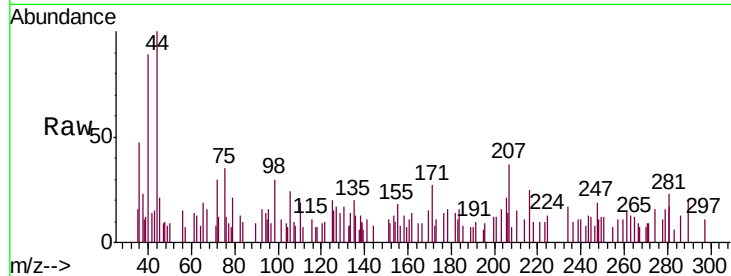




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.218 ug/L
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: VR026654.D
 Acq: 10 Oct 2019 17:18

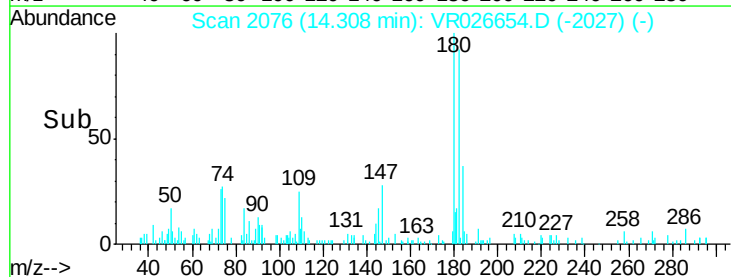
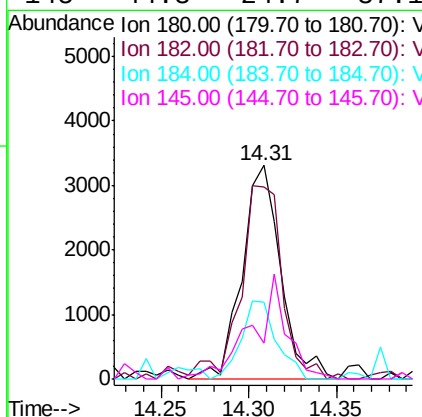
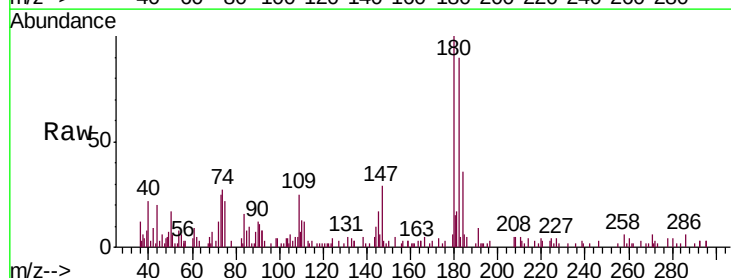
Instrument :
 MSVOA_R
 ClientSampled :

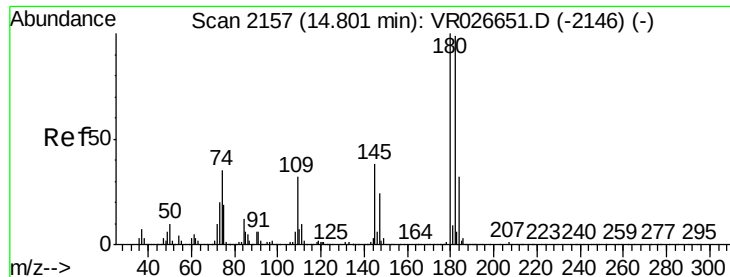
Tgt Ion: 75 Resp: 287
 Ion Ratio Lower Upper
 75 100
 155 49.7 41.8 62.8
 157 0.0 56.5 84.7#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.207 ug/L
 RT: 14.31 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: VR026654.D
 Acq: 10 Oct 2019 17:18

Tgt Ion: 180 Resp: 5100
 Ion Ratio Lower Upper
 180 100
 182 99.9 72.5 108.7
 184 33.2 22.7 34.1
 145 44.3 24.7 37.1#

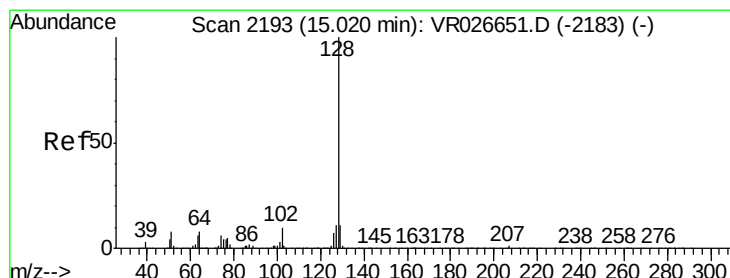
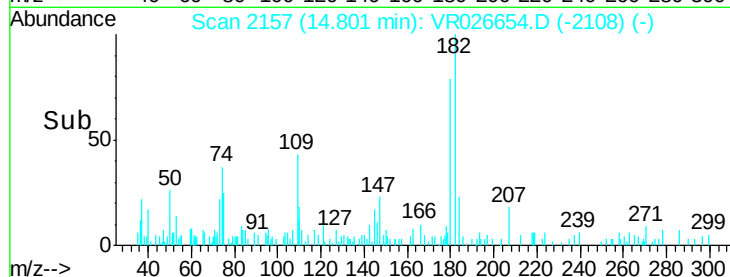
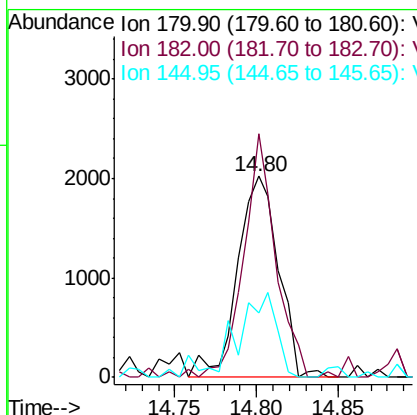
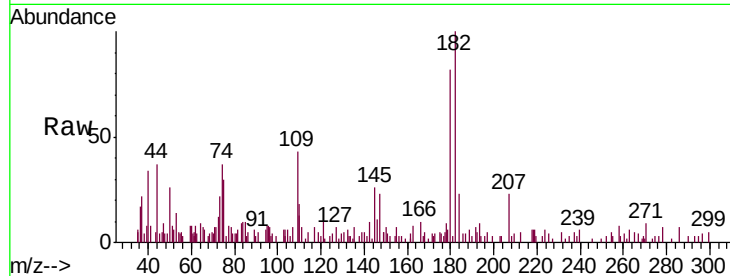




#68
 1,2,4-trichlorobenzene
 Concen: 0.203 ug/L
 RT: 14.80 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: VR026654.D
 Acq: 10 Oct 2019 17:18

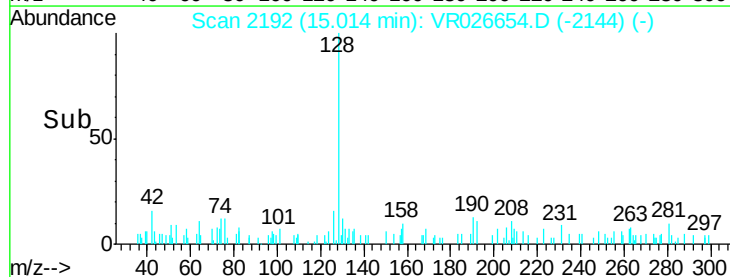
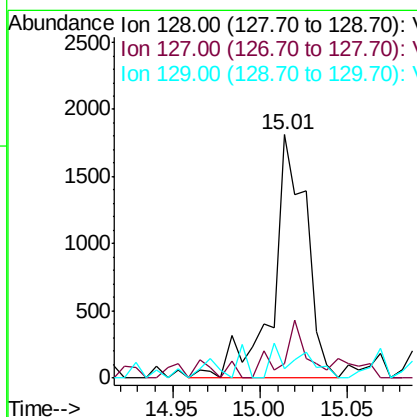
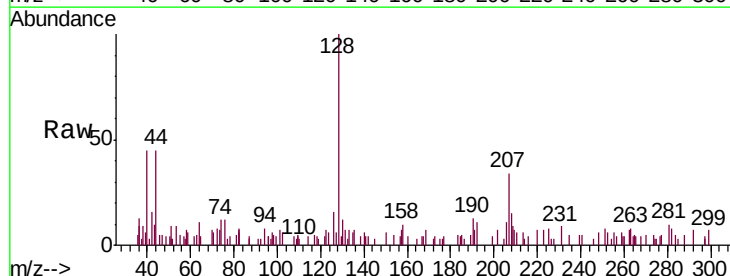
Instrument :
 MSVOA_R
 ClientSampleId :

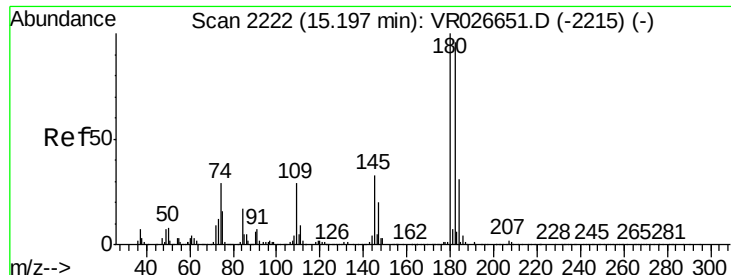
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.7	113.5
145	38.6	27.0	40.6



#69
 Naphthalene
 Concen: 0.106 ug/L
 RT: 15.01 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: VR026654.D
 Acq: 10 Oct 2019 17:18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.6	16.0#
129	7.0	8.4	12.6#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.270 ug/L
 RT: 15.20 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: VR026654.D
 Acq: 10 Oct 2019 17:18

Instrument :
 MSVOA_R
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.1	75.2	112.8
145	36.0	27.1	40.7

