

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101019\
 Data File : VR026651.D
 Acq On : 10 Oct 2019 15:37
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 11 06:07:59 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	251290	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	200415	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	106172	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.19	65	70589	8.28	ug/L	0.00
7) Chloroethane-d5	2.63	69	56042	7.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.65	63	175760	7.78	ug/L	0.00
20) 2-Butanone-d5	6.62	46	92381	58.73	ug/L	0.00
24) Chloroform-d	7.23	84	221548	7.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.92	65	75981	7.45	ug/L	0.00
32) Benzene-d6	7.88	84	458222	7.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	108682	7.29	ug/L	0.00
41) Toluene-d8	9.99	98	391598	8.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	26325	7.55	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	76454	76.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.38	84	51281	6.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	96463	6.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	197235	6.335 ug/L	100
3) Chloromethane	2.07	50	92116	5.798 ug/L	100
5) Vinyl chloride	2.21	62	91136	5.757 ug/L	100
6) Bromomethane	2.54	94	62398	6.127 ug/L	100
8) Chloroethane	2.68	64	51366	5.646 ug/L	100
9) Trichlorofluoromethane	2.97	101	181163	6.437 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	73789	6.081 ug/L	100
12) 1,1-Dichloroethene	3.66	96	68562	5.817 ug/L	100
13) Acetone	3.72	43	64729	54.614 ug/L	100
14) Carbon disulfide	3.97	76	484421	8.360 ug/L	100
15) Methyl Acetate	4.22	43	26154	5.303 ug/L	100
16) Methylene chloride	4.43	84	137911	5.606 ug/L	100
17) Methyl tert-butyl Ether	4.93	73	131424	5.408 ug/L	100
18) trans-1,2-Dichloroethene	4.92	96	146337	5.969 ug/L	100
19) 1,1-Dichloroethane	5.72	63	239555	5.345 ug/L	100
21) 2-Butanone	6.72	43	118345	56.088 ug/L	100
22) cis-1,2-Dichloroethene	6.70	96	135522	5.832 ug/L	100
23) Bromochloromethane	7.08	128	39688	6.042 ug/L	100
25) Chloroform	7.25	83	234057	5.366 ug/L	100
27) 1,2-Dichloroethane	8.02	62	91563	5.877 ug/L	100
29) 1,1,1-Trichloroethane	7.45	97	186436	5.633 ug/L	100
30) Cyclohexane	7.54	56	233513	6.465 ug/L	100
31) Carbon tetrachloride	7.66	117	171356	5.975 ug/L	100
33) Benzene	7.93	78	554843	5.970 ug/L	100
34) Trichloroethene	8.73	95	136716	5.927 ug/L	100
35) Methylcyclohexane	8.97	83	236316	6.677 ug/L	100
37) 1,2-Dichloropropane	9.02	63	103148	5.583 ug/L	100
38) Bromodichloromethane	9.30	83	115389	5.781 ug/L	100
39) cis-1,3-Dichloropropene	9.74	75	113791	5.808 ug/L	100
40) 4-Methyl-2-pentanone	9.88	43	262965	57.929 ug/L	100

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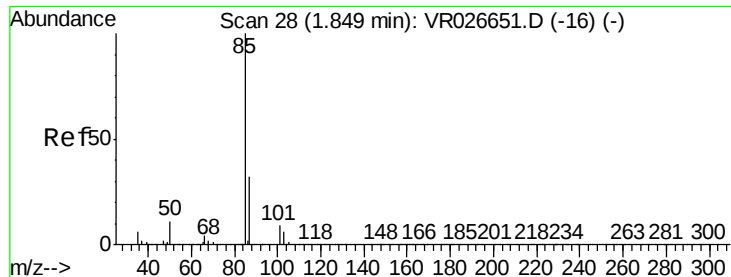
Instrument :
 MSVOA_R
 ClientSampleId :

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101019WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	10.05	91	527940	6.462	ug/L	100
44) trans-1,3-Dichloropropene	10.28	75	76053	5.940	ug/L	100
45) 1,1,2-Trichloroethane	10.46	97	46697	5.845	ug/L	100
47) Tetrachloroethene	10.53	164	88534	6.327	ug/L	100
48) 2-Hexanone	10.65	43	166509	57.479	ug/L	100
49) Dibromochloromethane	10.80	129	50326	5.775	ug/L	100
50) 1,2-Dibromoethane	10.90	107	39216	5.660	ug/L	100
51) Chlorobenzene	11.33	112	277977	5.882	ug/L	100
52) Ethylbenzene	11.41	91	577818	6.281	ug/L	100
53) m,p-Xylene	11.52	106	213782	6.447	ug/L	100
54) o-Xylene	11.84	106	203834	6.276	ug/L	100
55) Styrene	11.86	104	292579	6.289	ug/L	100
56) Isopropylbenzene	12.14	105	594285	6.461	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.40	83	54120	5.819	ug/L	100
59) 1,2,3-Trichloropropane	12.45	75	34256	5.180	ug/L	100
61) Bromoform	12.03	173	20762	4.897	ug/L	100
62) 1,3-Dichlorobenzene	13.18	146	205089	5.329	ug/L	100
63) 1,4-Dichlorobenzene	13.26	146	197891	5.148	ug/L	100
65) 1,2-Dichlorobenzene	13.54	146	164145	5.070	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.16	75	7502	4.574	ug/L	100
67) 1,3,5-Trichlorobenzene	14.31	180	153788	5.002	ug/L	100
68) 1,2,4-trichlorobenzene	14.80	180	106743	4.948	ug/L	100
69) Naphthalene	15.02	128	131910	4.683	ug/L	100
70) 1,2,3-Trichlorobenzene	15.20	180	103091	5.257	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 6.335 ug/L

RT: 1.85 min Scan# 28

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

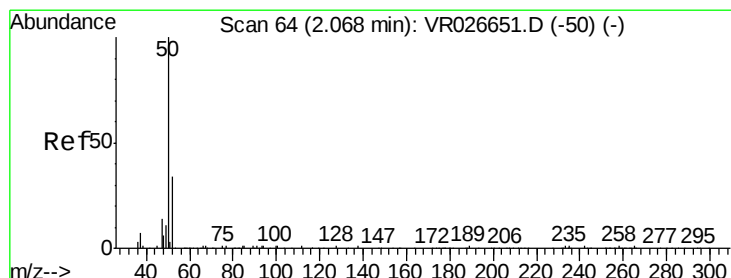
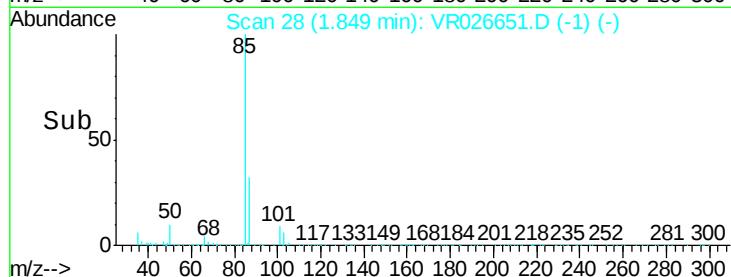
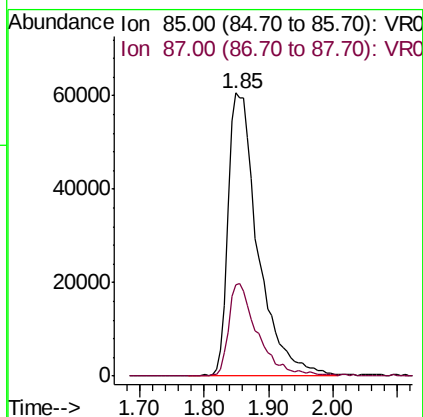
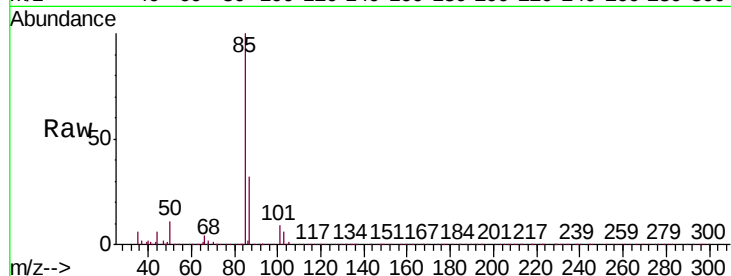
Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 85 Resp: 197235

Ion Ratio Lower Upper

85 100

87 31.7 25.4 38.0



#3

Chloromethane

Concen: 5.798 ug/L

RT: 2.07 min Scan# 64

Delta R.T. 0.00 min

Lab File: VR026651.D

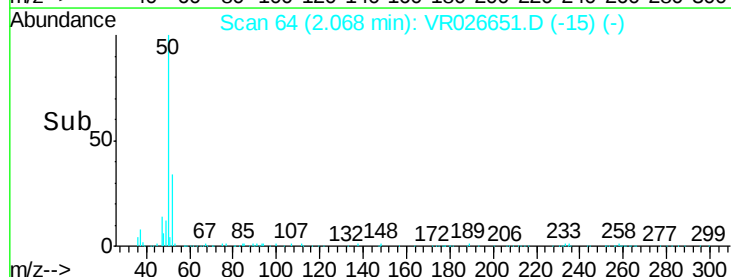
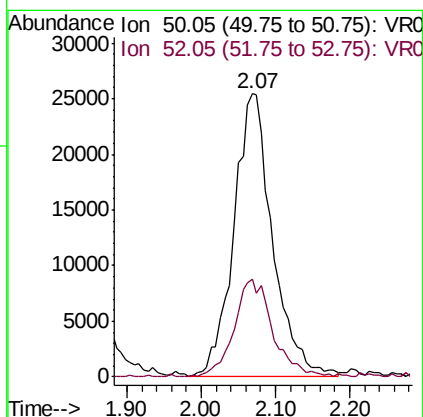
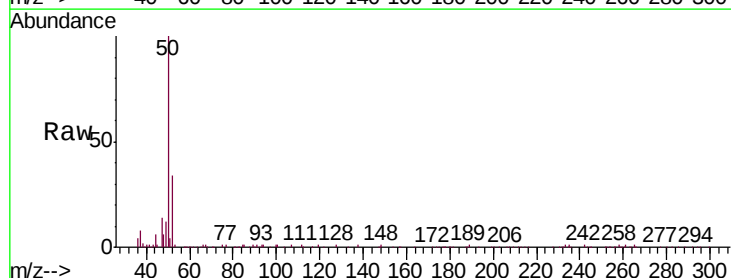
Acq: 10 Oct 2019 15:37

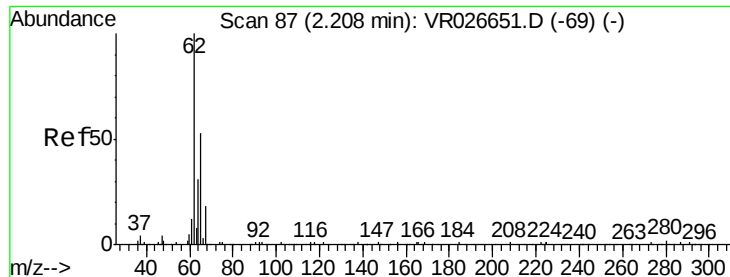
Tgt Ion: 50 Resp: 92116

Ion Ratio Lower Upper

50 100

52 34.4 24.1 44.7





#5

Vinyl chloride

Concen: 5.757 ug/L

RT: 2.21 min Scan# 87

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

Instrument :

MSVOA_R

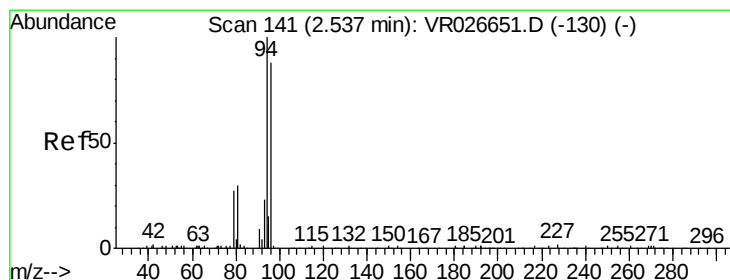
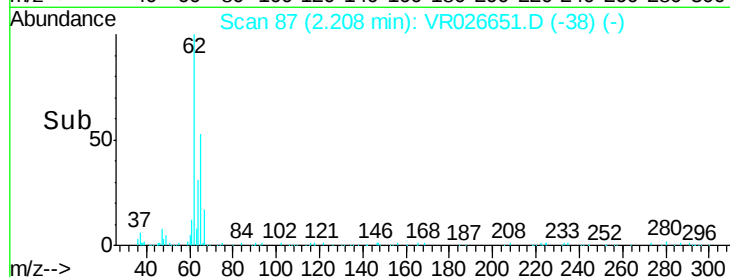
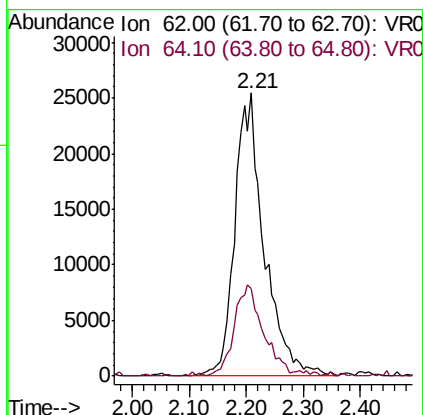
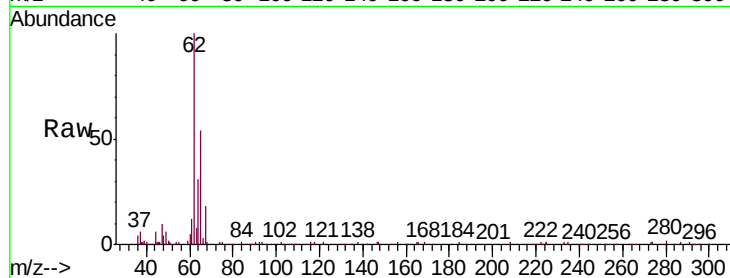
ClientSampled :

Tgt Ion: 62 Resp: 91136

Ion Ratio Lower Upper

62 100

64 30.7 21.5 39.9



#6

Bromomethane

Concen: 6.127 ug/L

RT: 2.54 min Scan# 141

Delta R.T. 0.00 min

Lab File: VR026651.D

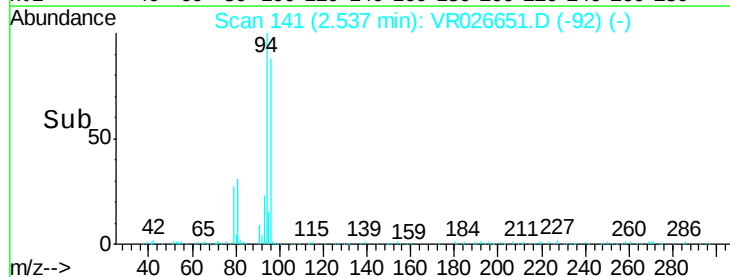
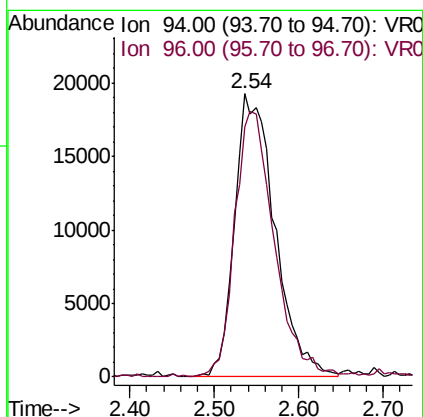
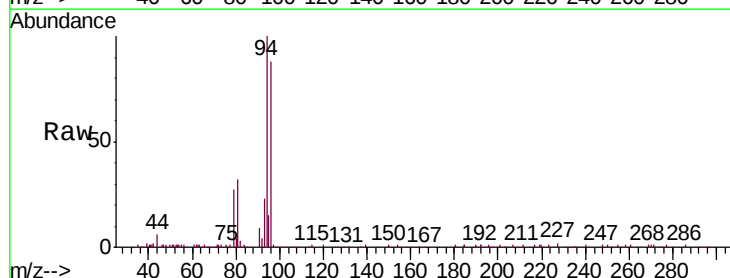
Acq: 10 Oct 2019 15:37

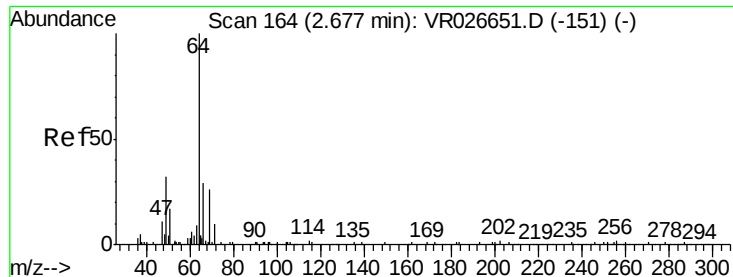
Tgt Ion: 94 Resp: 62398

Ion Ratio Lower Upper

94 100

96 88.3 61.8 114.8

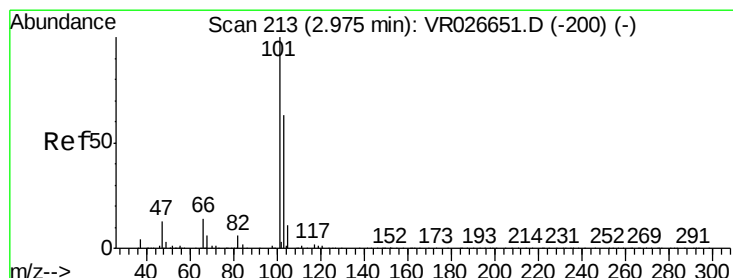
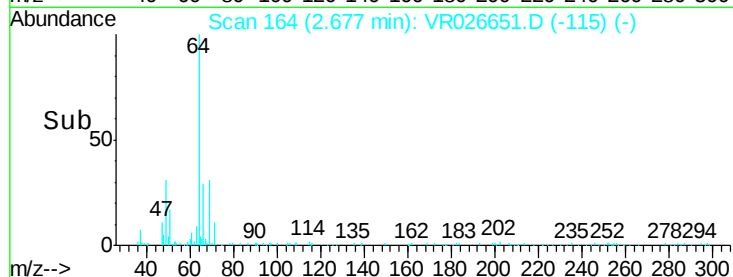
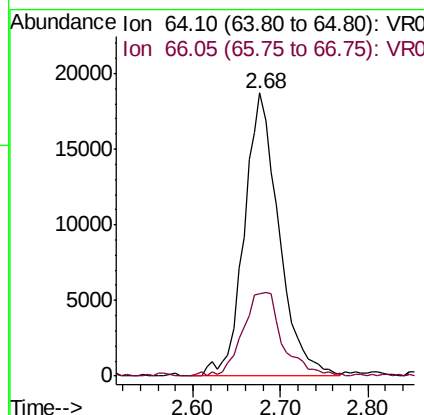
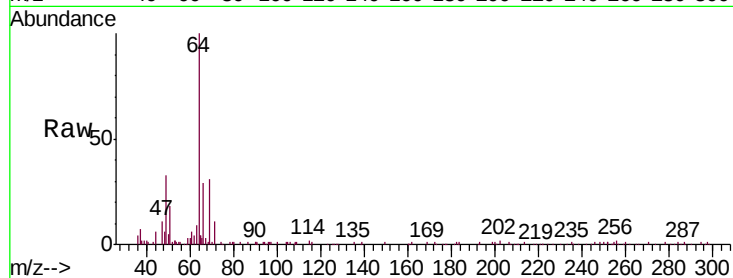




#8
Chloroethane
Concen: 5.646 ug/L
RT: 2.68 min Scan# 164
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

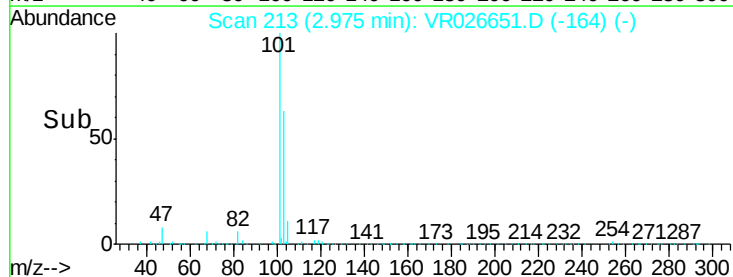
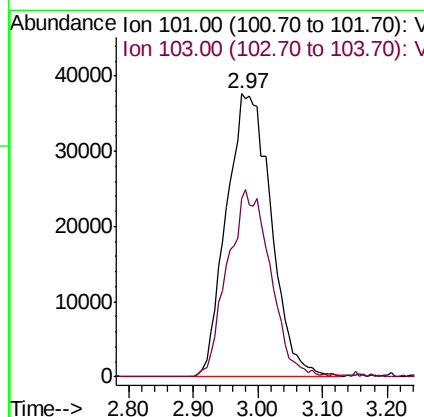
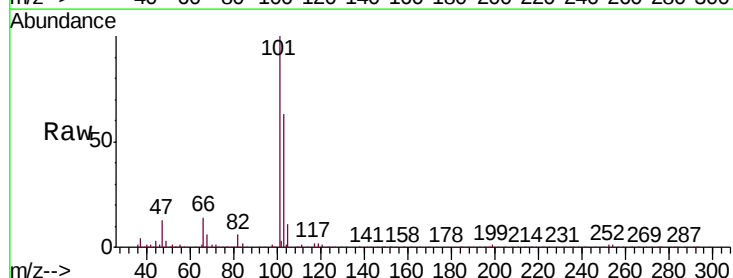
Instrument :
MSVOA_R
ClientSampleId :

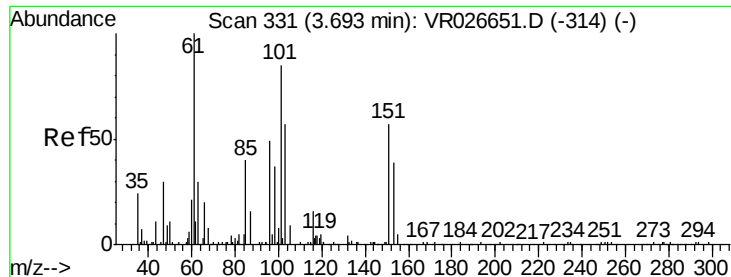
Tgt Ion: 64 Resp: 51366
Ion Ratio Lower Upper
64 100
66 28.1 19.7 36.5



#9
Trichlorofluoromethane
Concen: 6.437 ug/L
RT: 2.97 min Scan# 213
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Tgt Ion: 101 Resp: 181163
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.081 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

Instrument :

MSVOA_R

ClientSampled :

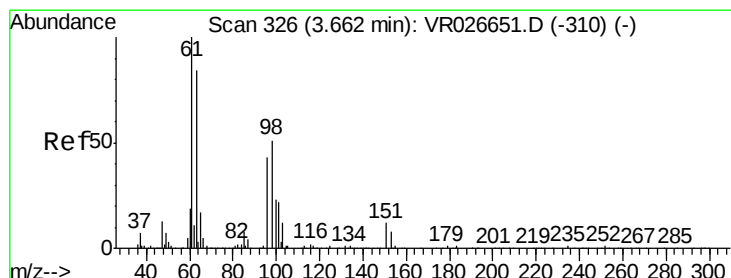
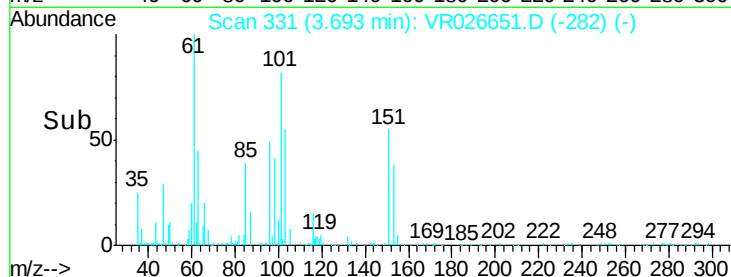
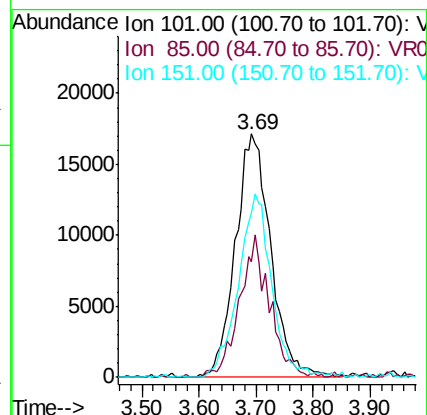
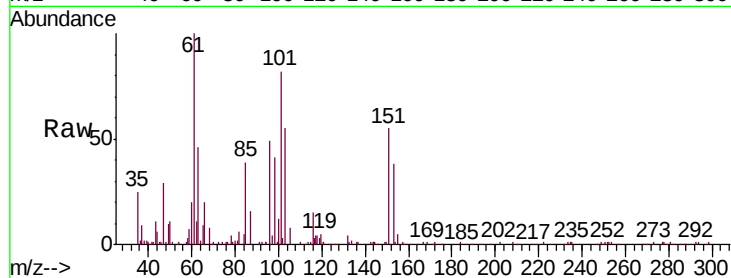
Tgt Ion: 101 Resp: 73789

Ion Ratio Lower Upper

101 100

85 49.8 39.8 59.8

151 70.6 56.5 84.7



#12

1,1-Dichloroethene

Concen: 5.817 ug/L

RT: 3.66 min Scan# 326

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

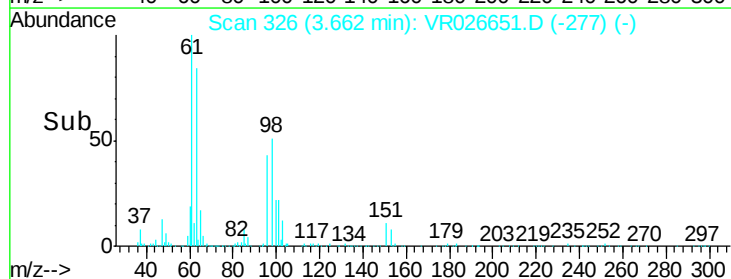
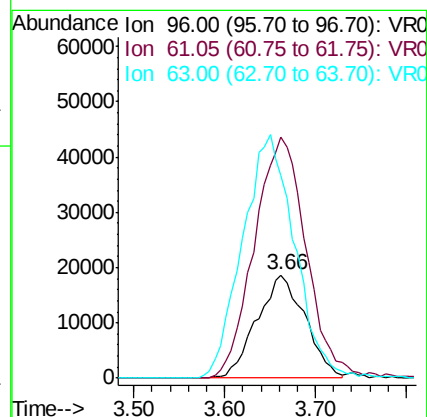
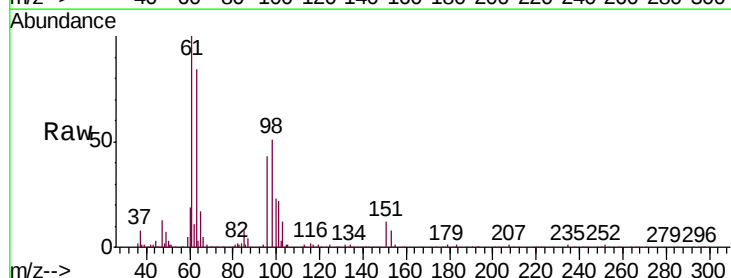
Tgt Ion: 96 Resp: 68562

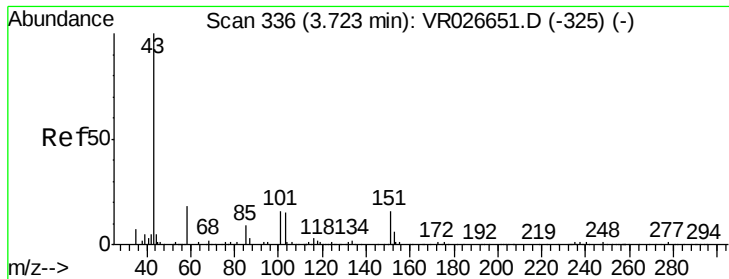
Ion Ratio Lower Upper

96 100

61 234.6 164.2 305.0

63 196.6 137.6 255.6





#13

Acetone

Concen: 54.614 ug/L

RT: 3.72 min Scan# 336

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

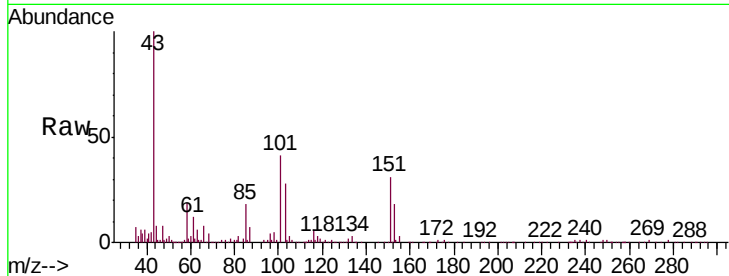
Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 43 Resp: 64729

Ion Ratio Lower Upper

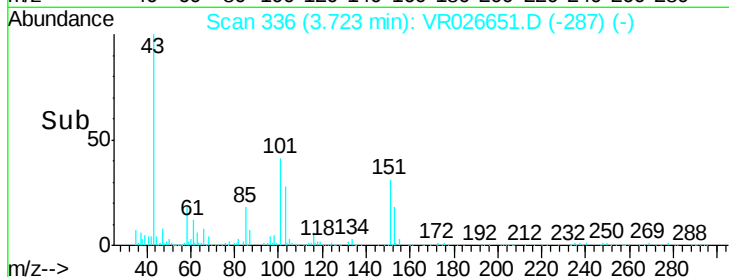
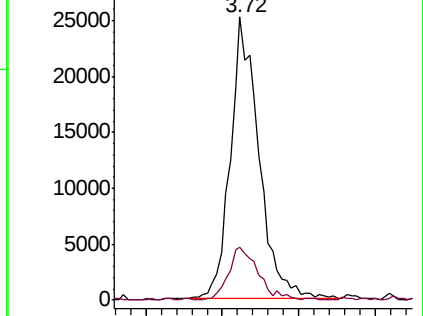
43 100

58 19.8 0.0 39.6

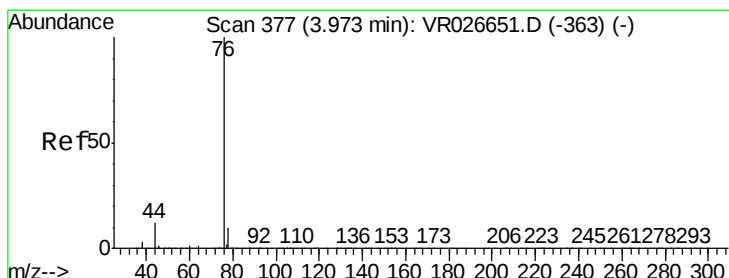


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



Time-->



#14

Carbon disulfide

Concen: 8.360 ug/L

RT: 3.97 min Scan# 377

Delta R.T. 0.00 min

Lab File: VR026651.D

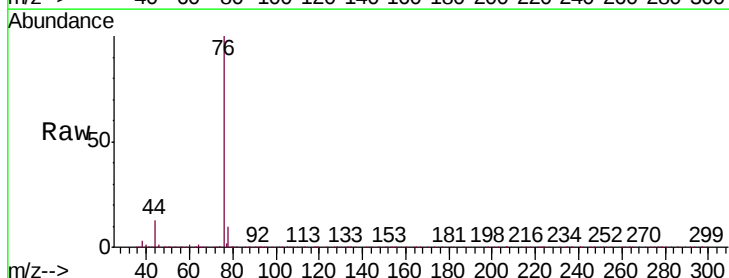
Acq: 10 Oct 2019 15:37

Tgt Ion: 76 Resp: 484421

Ion Ratio Lower Upper

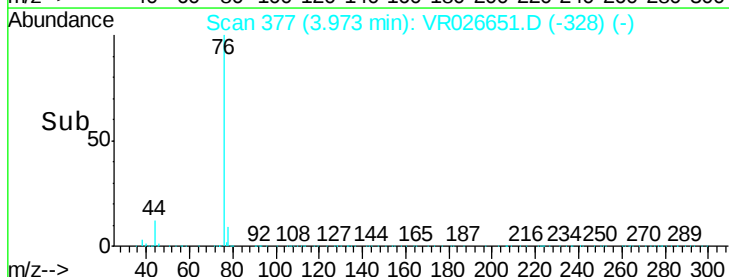
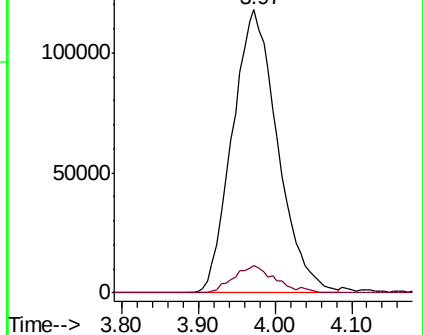
76 100

78 9.6 7.7 11.5

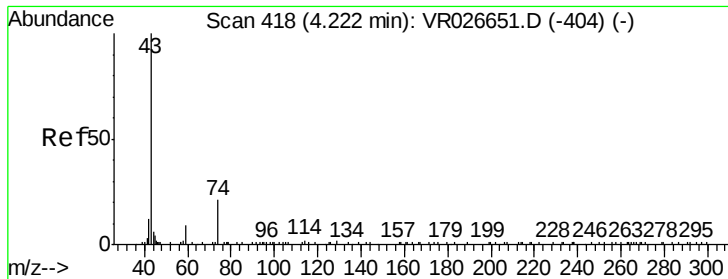


Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0



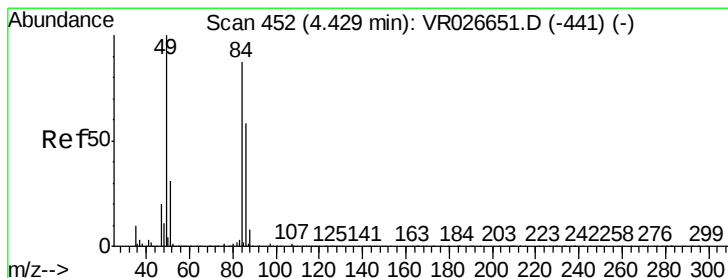
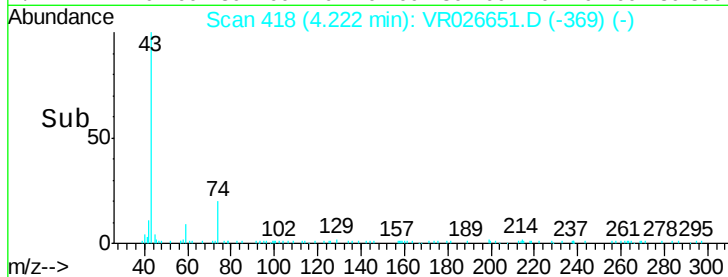
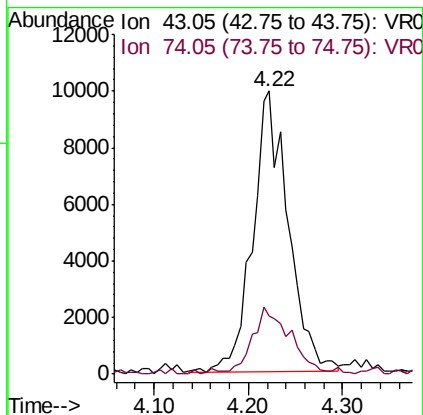
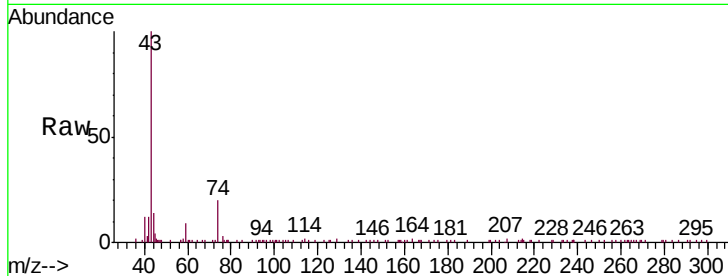
Time-->



#15
Methyl Acetate
Concen: 5.303 ug/L
RT: 4.22 min Scan# 418
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

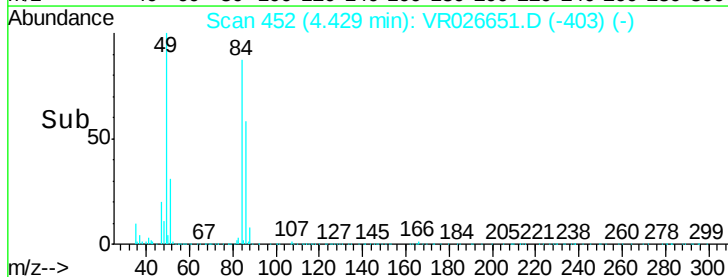
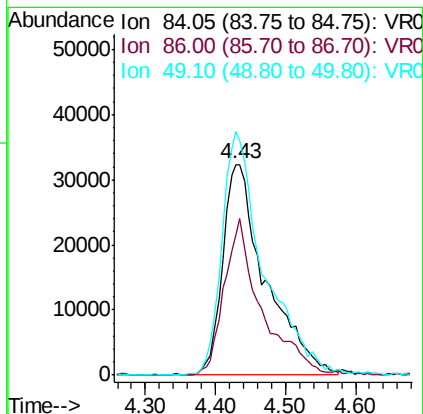
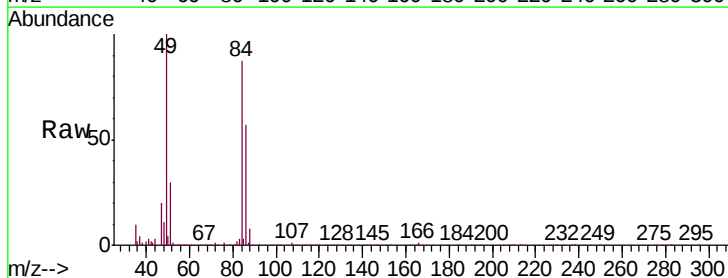
Instrument :
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ClientSampleId :

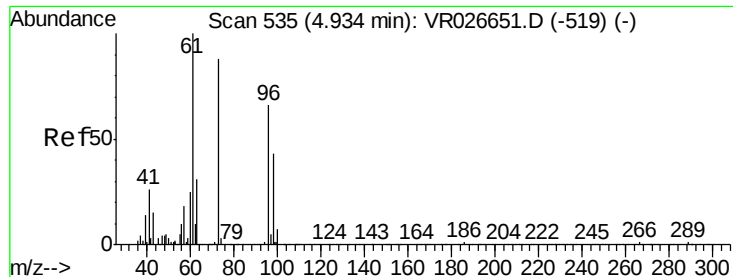
Tgt Ion: 43 Resp: 26154
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1



#16
Methylene chloride
Concen: 5.606 ug/L
RT: 4.43 min Scan# 452
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Tgt Ion: 84 Resp: 137911
Ion Ratio Lower Upper
84 100
86 66.3 46.4 86.2
49 115.4 80.8 150.0

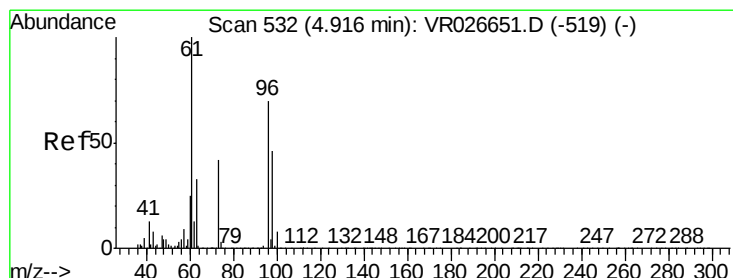
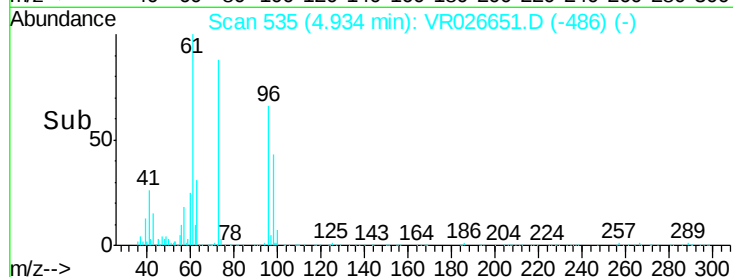
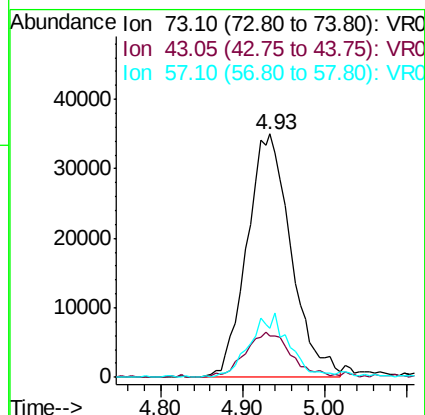
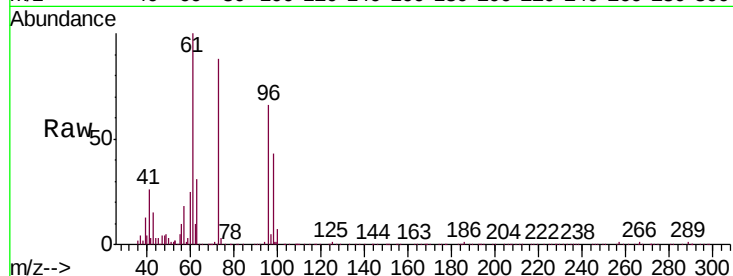




#17
Methyl tert-butyl Ether
Concen: 5.408 ug/L
RT: 4.93 min Scan# 535
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

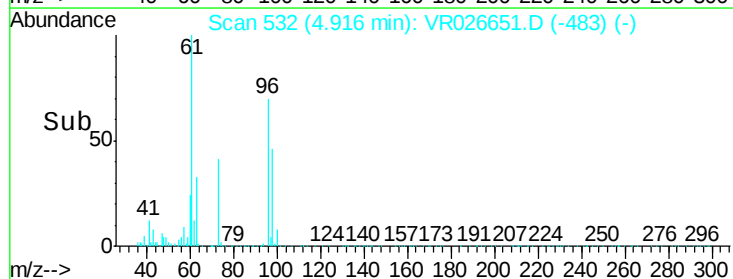
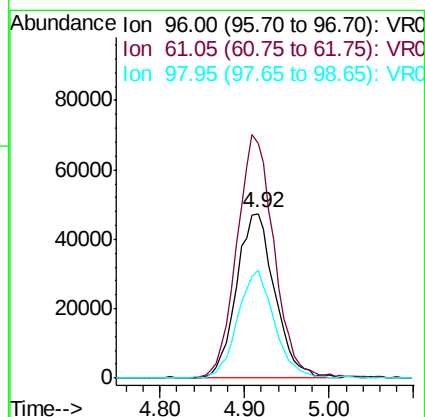
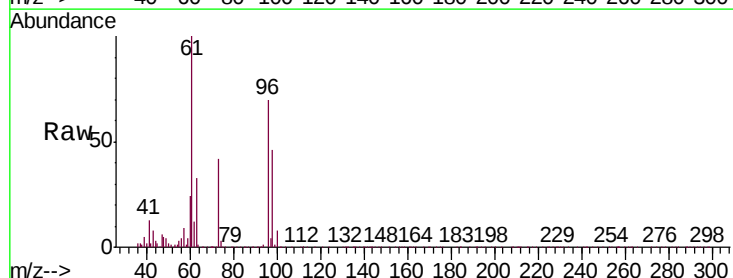
Instrument :
MSVOA_R
ClientSampleId :

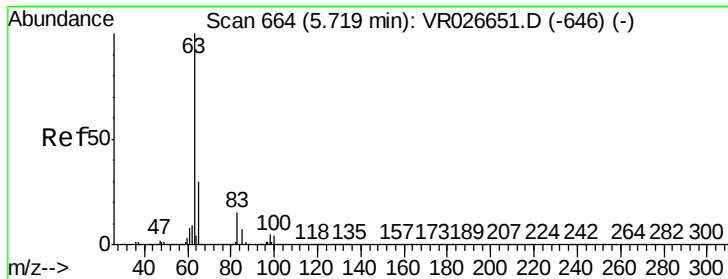
Tgt Ion: 73 Resp: 131424
Ion Ratio Lower Upper
73 100
43 18.8 15.0 22.6
57 23.1 18.5 27.7



#18
trans-1,2-Dichloroethene
Concen: 5.969 ug/L
RT: 4.92 min Scan# 532
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Tgt Ion: 96 Resp: 146337
Ion Ratio Lower Upper
96 100
61 142.6 99.8 185.4
98 65.3 45.7 84.9

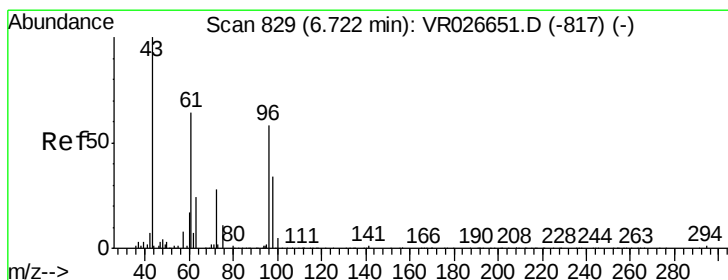
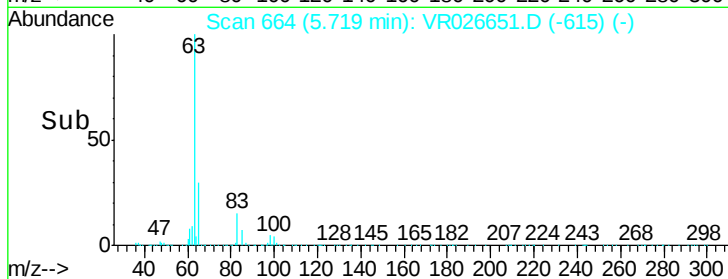
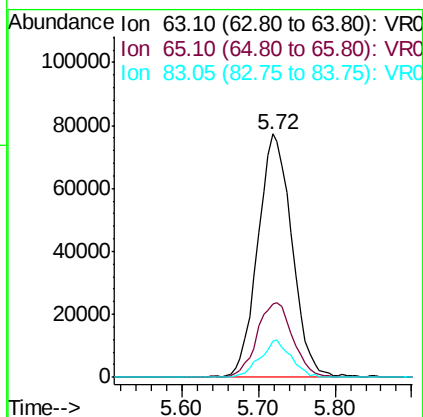
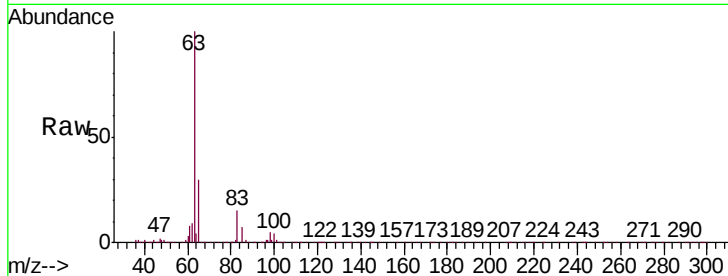




#19
 1,1-Dichloroethane
 Concen: 5.345 ug/L
 RT: 5.72 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

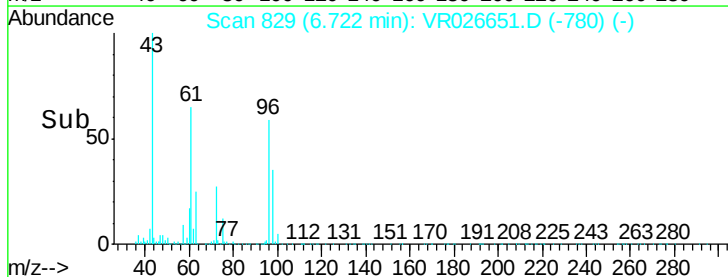
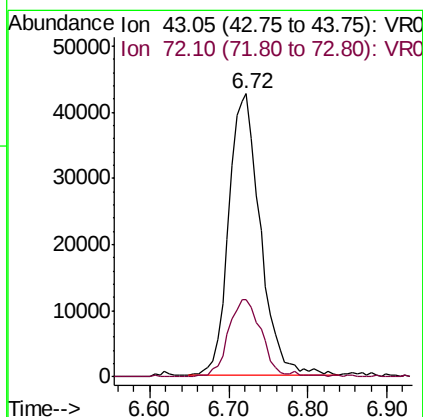
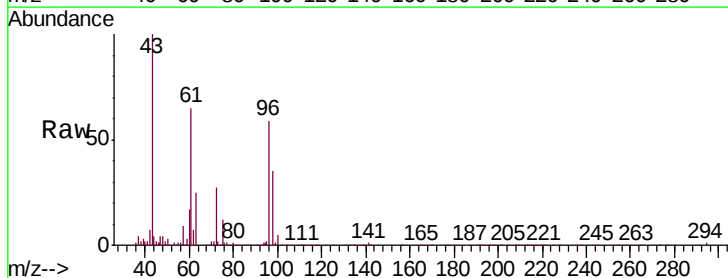
Instrument :
 MSVOA_R
 ClientSampleId :

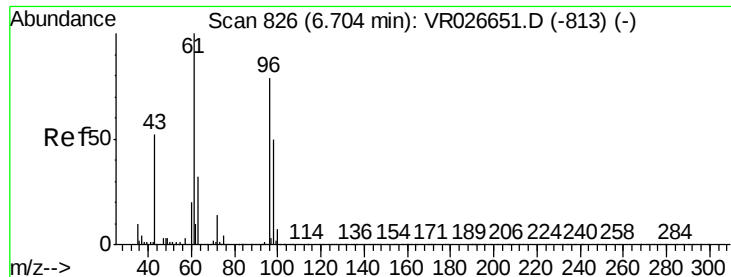
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.0	21.0	39.0
83	15.1	10.6	19.6



#21
 2-Butanone
 Concen: 56.088 ug/L
 RT: 6.72 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
43	100		
72	28.8	14.4	43.2



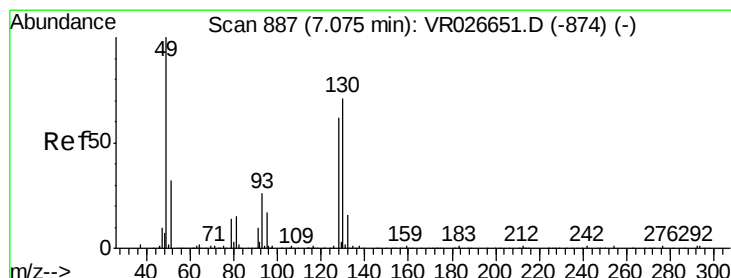
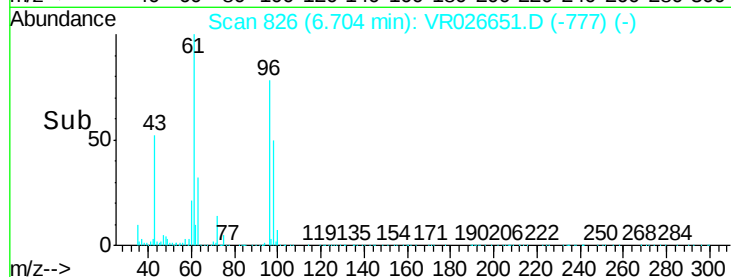
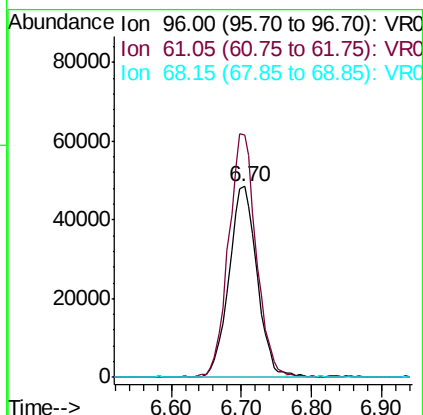
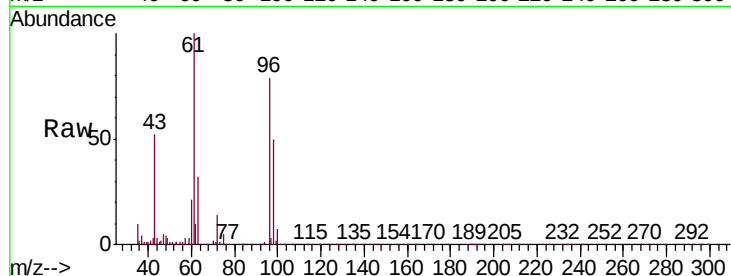


#22

cis-1,2-Dichloroethene
Concen: 5.832 ug/L
RT: 6.70 min Scan# 826
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Instrument :
MSVOA_R
ClientSampleId :

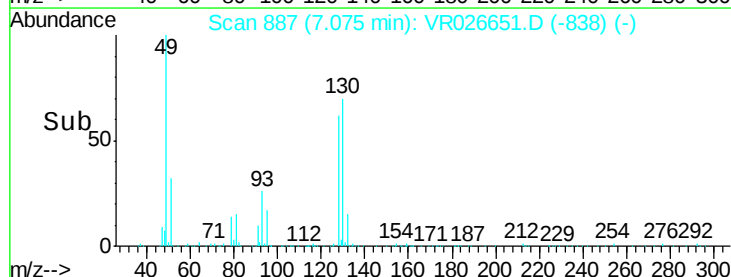
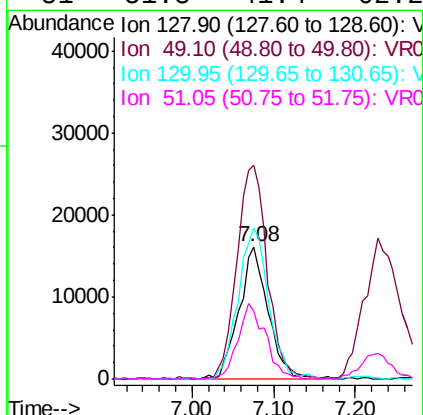
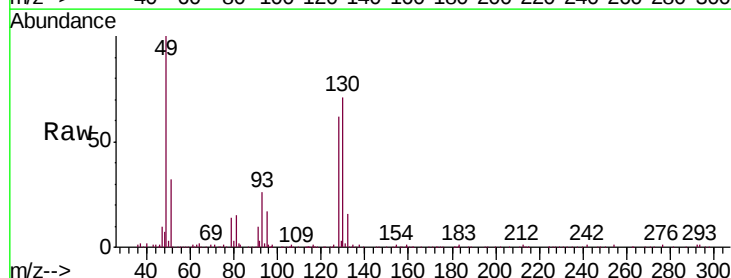
Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.8	88.8	164.8
68	0.0	0.0	0.0

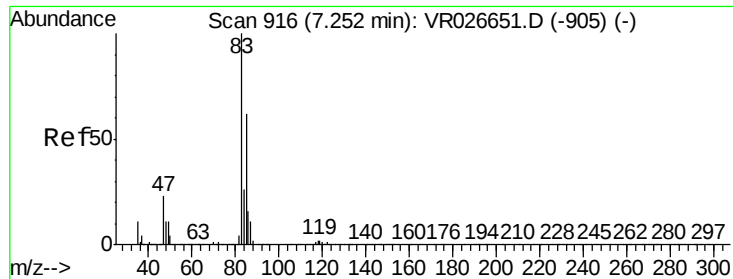


#23

Bromochloromethane
Concen: 6.042 ug/L
RT: 7.08 min Scan# 887
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
128	100		
49	165.9	116.1	215.7
130	114.7	80.3	149.1
51	51.8	41.4	62.2





#25

Chloroform

Concen: 5.366 ug/L

RT: 7.25 min Scan# 916

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

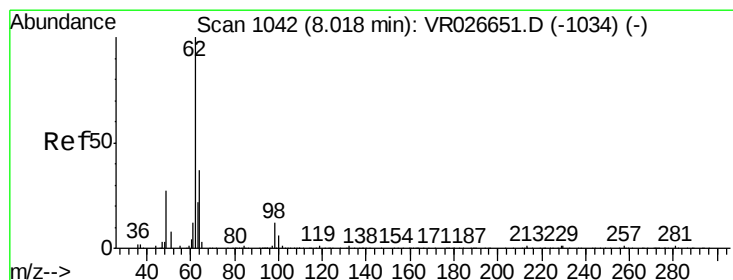
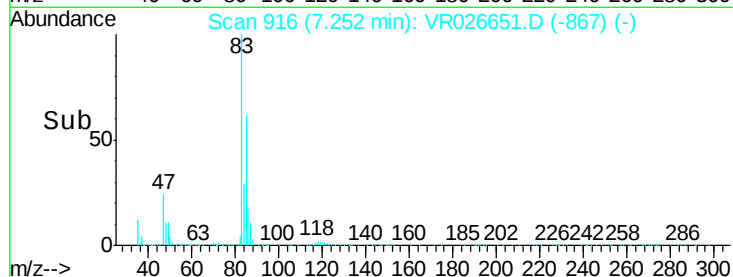
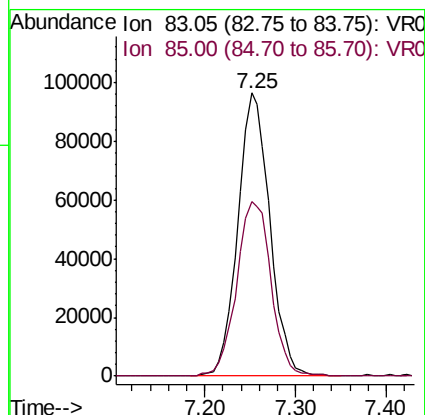
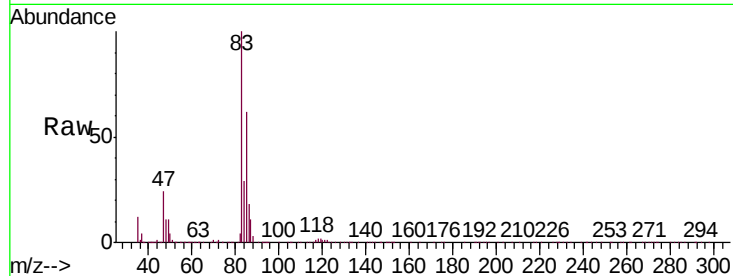
Instrument :
MSVOA_R
ClientSampled :

Tgt Ion: 83 Resp: 234057

Ion Ratio Lower Upper

83 100

85 61.9 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.877 ug/L

RT: 8.02 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VR026651.D

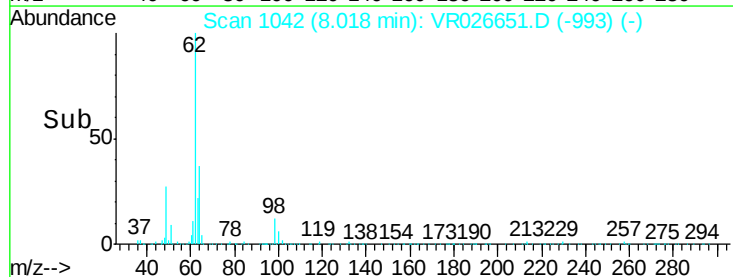
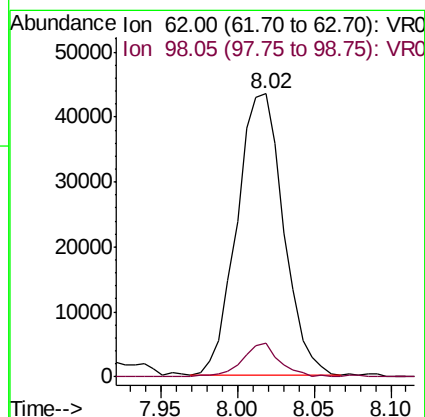
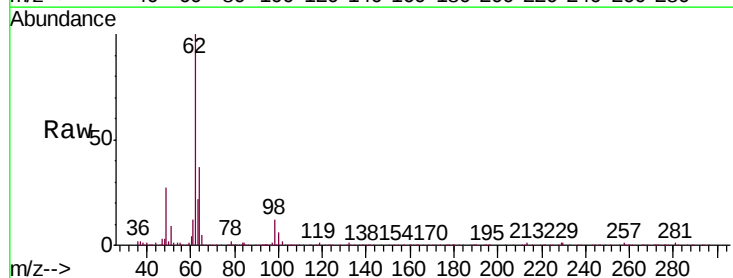
Acq: 10 Oct 2019 15:37

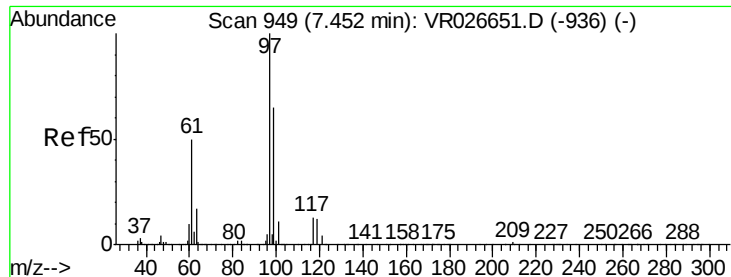
Tgt Ion: 62 Resp: 91563

Ion Ratio Lower Upper

62 100

98 12.0 9.6 14.4

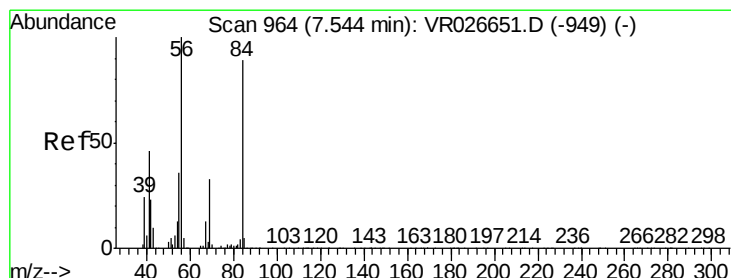
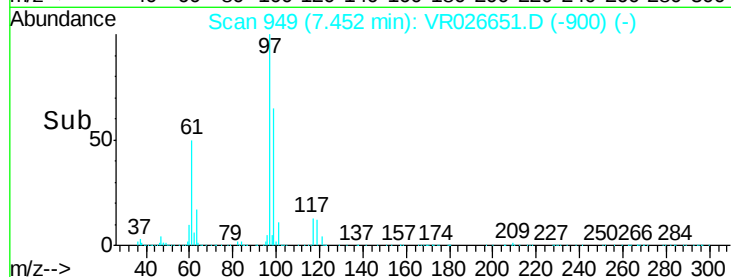
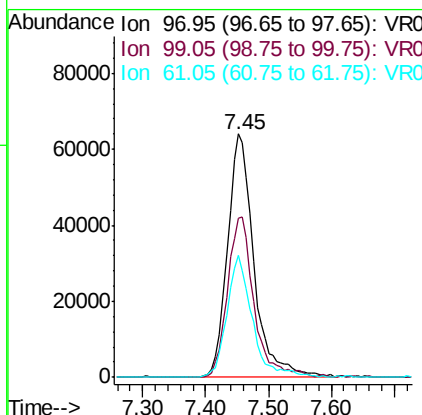
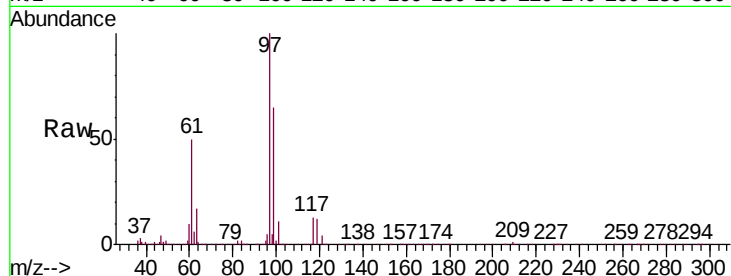




#29
1,1,1-Trichloroethane
Concen: 5.633 ug/L
RT: 7.45 min Scan# 949
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

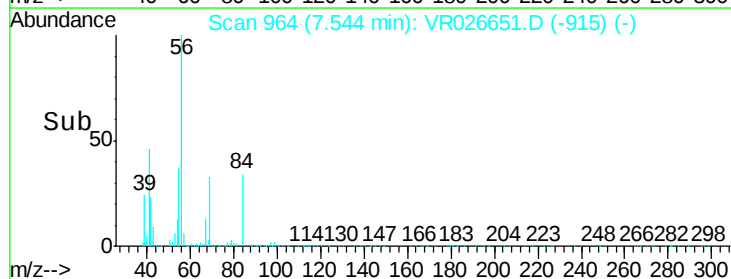
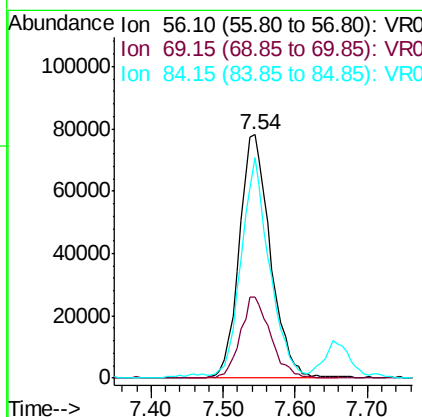
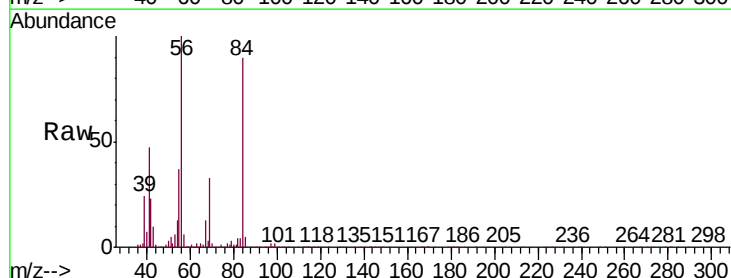
Instrument :
MSVOA_R
ClientSampleId :

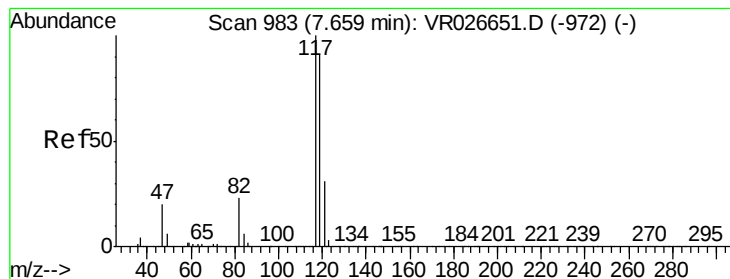
Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.8	79.2
61	48.5	38.8	58.2



#30
Cyclohexane
Concen: 6.465 ug/L
RT: 7.54 min Scan# 964
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.9	38.9
84	82.8	66.2	99.4





#31

Carbon tetrachloride

Concen: 5.975 ug/L

RT: 7.66 min Scan# 983

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

Instrument :

MSVOA_R

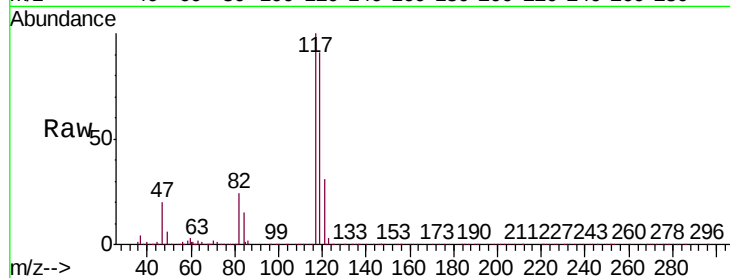
ClientSampleId :

Tgt Ion:117 Resp: 171356

Ion Ratio Lower Upper

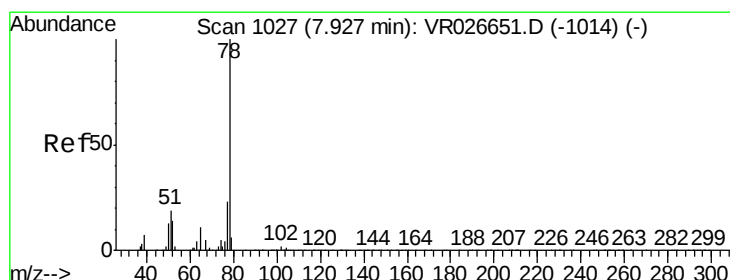
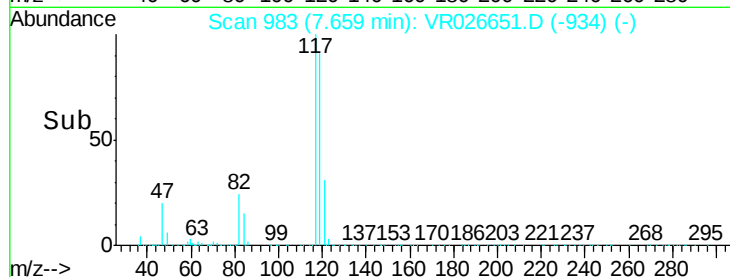
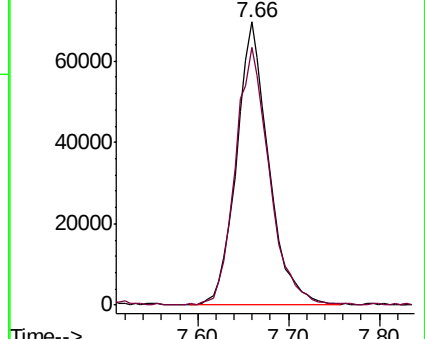
117 100

119 95.7 76.6 114.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.970 ug/L

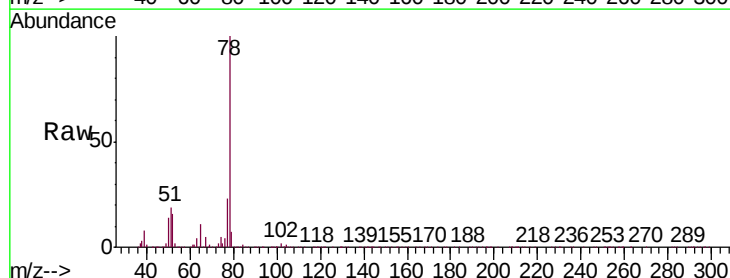
RT: 7.93 min Scan# 1027

Delta R.T. 0.00 min

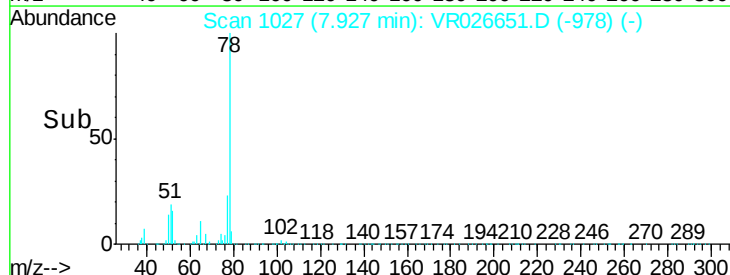
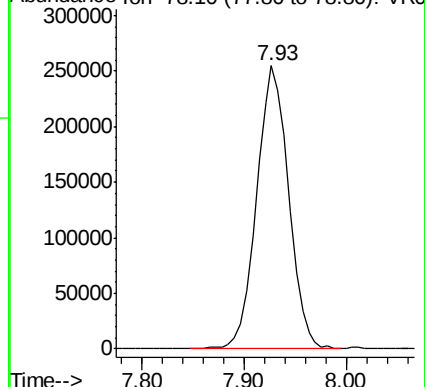
Lab File: VR026651.D

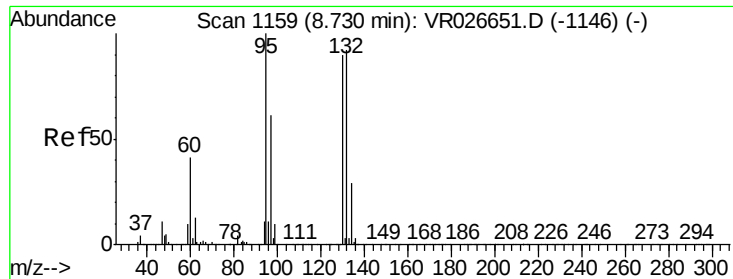
Acq: 10 Oct 2019 15:37

Tgt Ion: 78 Resp: 554843



Abundance Ion 78.10 (77.80 to 78.80): VR0

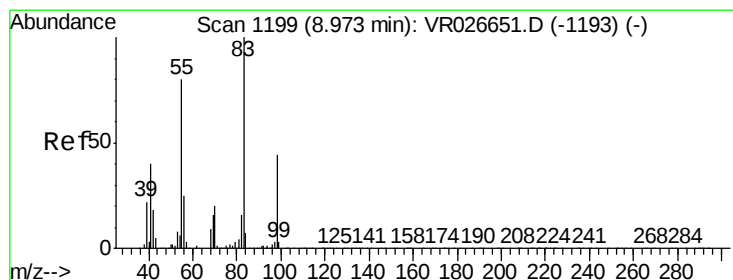
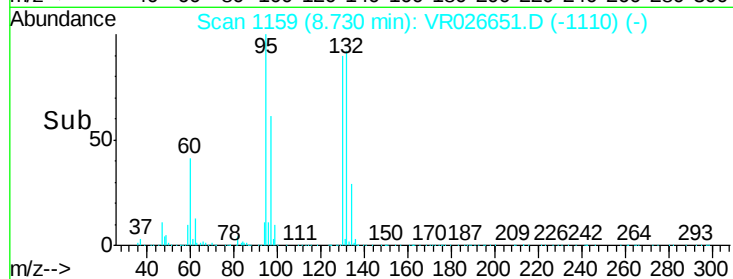
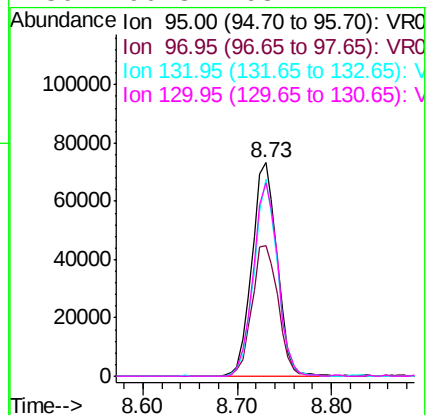
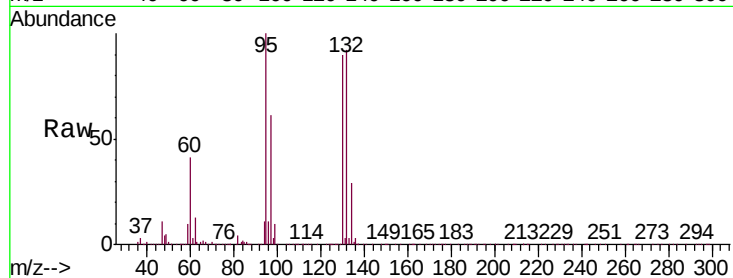




#34
 Trichloroethene
 Concen: 5.927 ug/L
 RT: 8.73 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

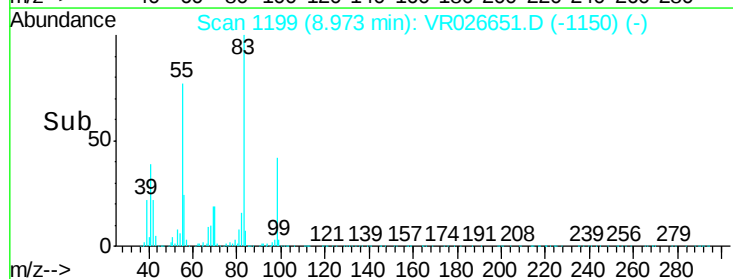
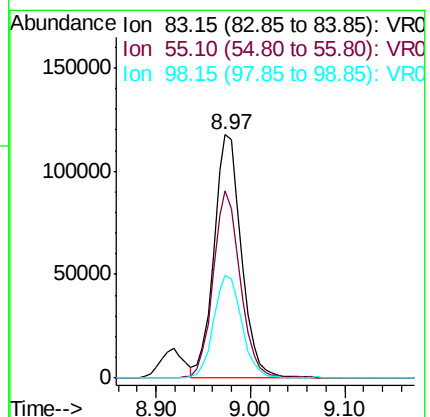
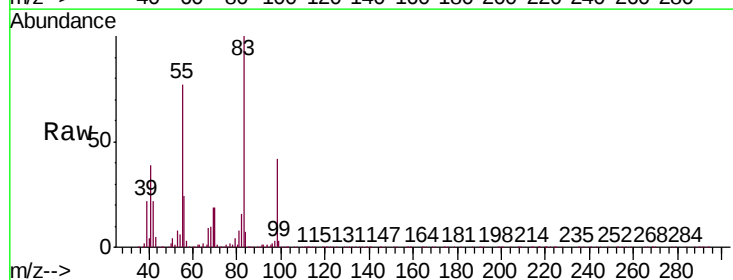
Instrument :
 MSVOA_R
 ClientSampleId :

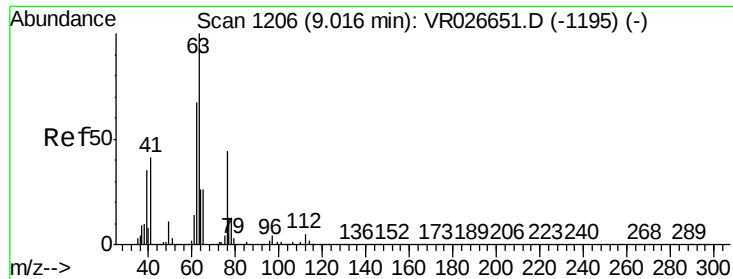
Tgt Ion:	95	Resp:	136716
Ion	Ratio	Lower	Upper
95	100		
97	61.4	43.0	79.8
132	92.3	64.6	120.0
130	90.3	63.2	117.4



#35
 Methylcyclohexane
 Concen: 6.677 ug/L
 RT: 8.97 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion:	83	Resp:	236316
Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.3	91.9
98	42.9	34.3	51.5

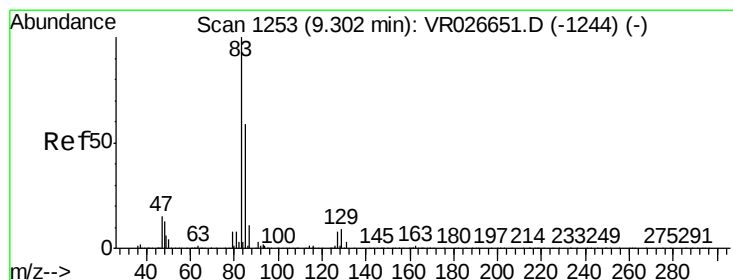
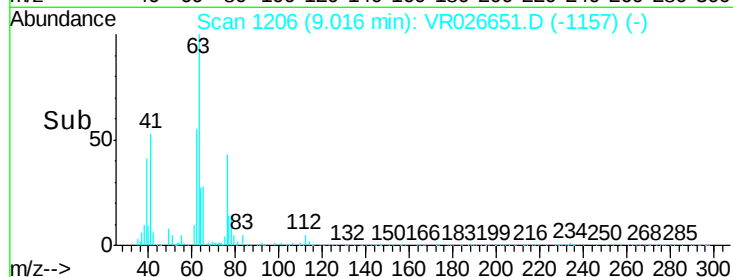
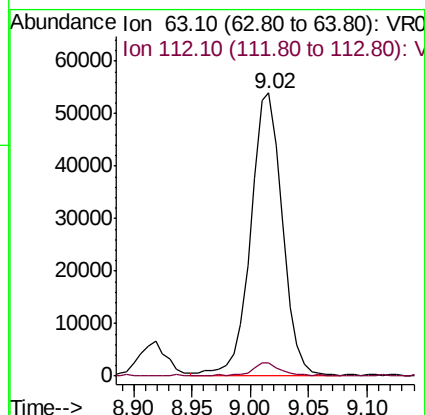
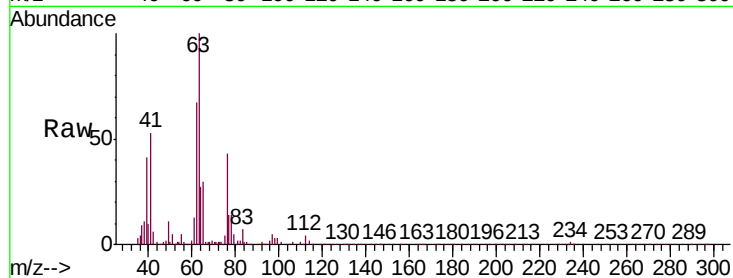




#37
 1,2-Dichloropropane
 Concen: 5.583 ug/L
 RT: 9.02 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

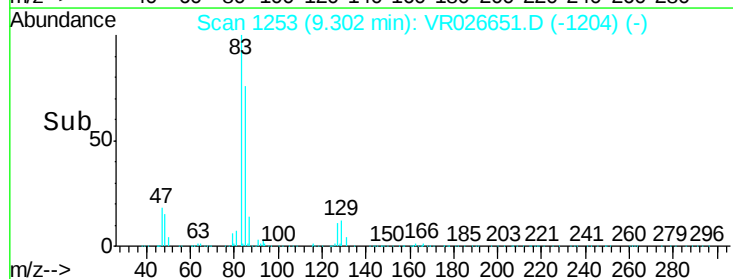
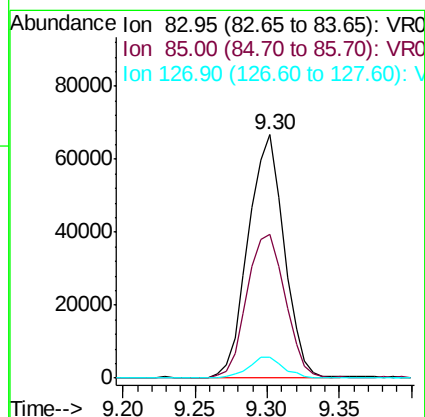
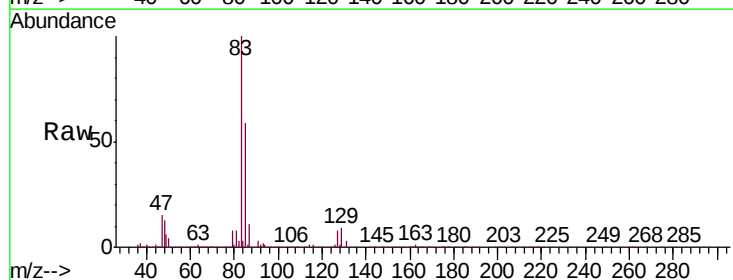
Instrument :
 MSVOA_R
 ClientSampleId :

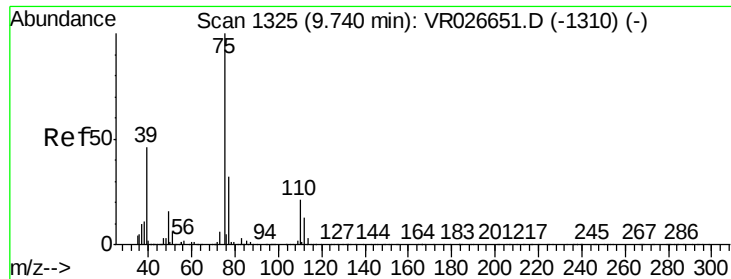
Tgt Ion: 63 Resp: 103148
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.6 5.4



#38
 Bromodichloromethane
 Concen: 5.781 ug/L
 RT: 9.30 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion: 83 Resp: 115389
 Ion Ratio Lower Upper
 83 100
 85 59.0 41.3 76.7
 127 8.5 6.8 10.2

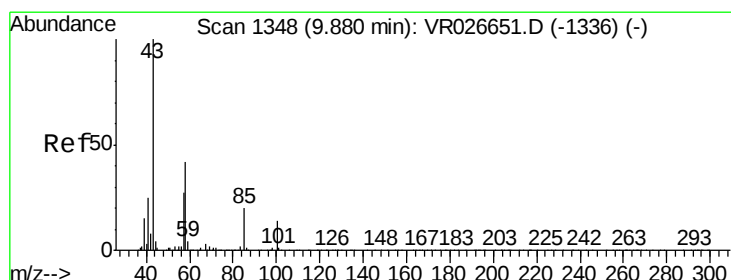
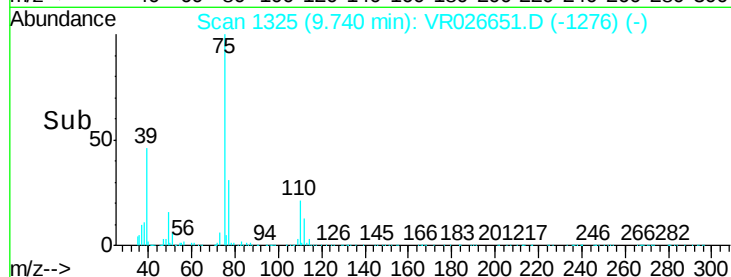
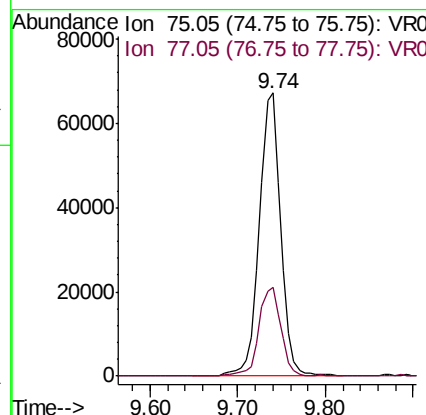
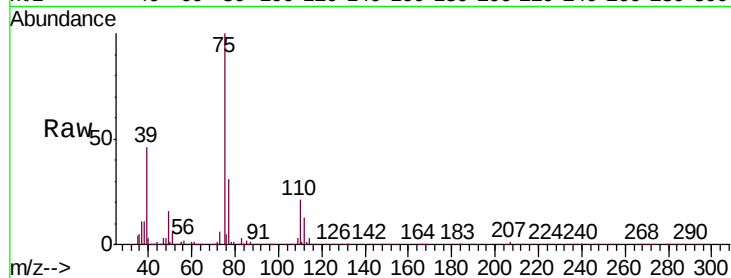




#39
 cis-1,3-Dichloropropene
 Concen: 5.808 ug/L
 RT: 9.74 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

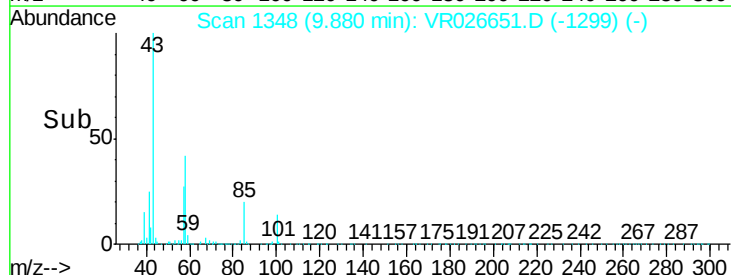
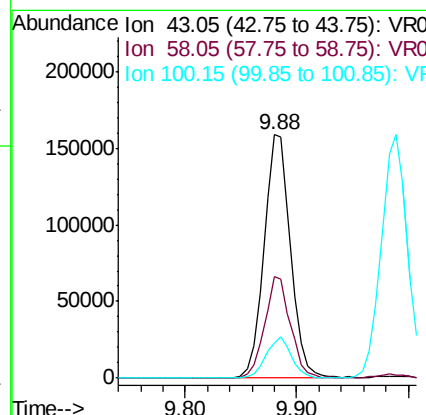
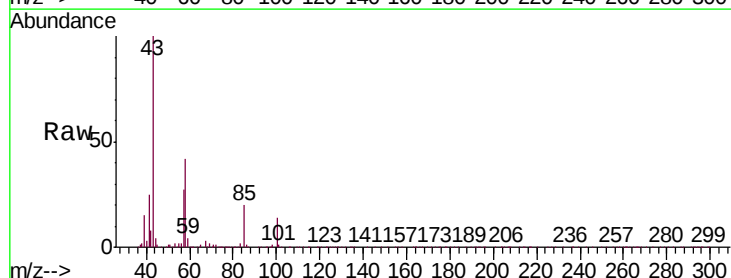
Instrument :
 MSVOA_R
 ClientSampleId :

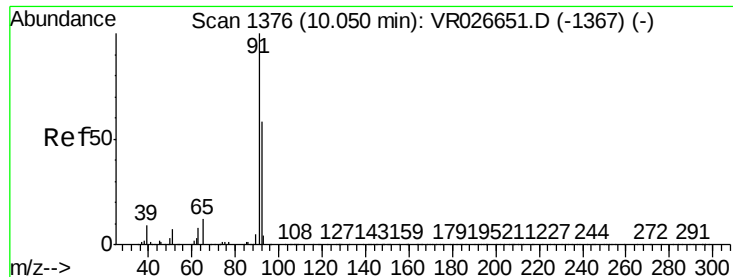
Tgt Ion: 75 Resp: 113791
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 57.929 ug/L
 RT: 9.88 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion: 43 Resp: 262965
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.4 48.6
 100 16.1 12.9 19.3





#42

Toluene

Concen: 6.462 ug/L

RT: 10.05 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

Instrument :

MSVOA_R

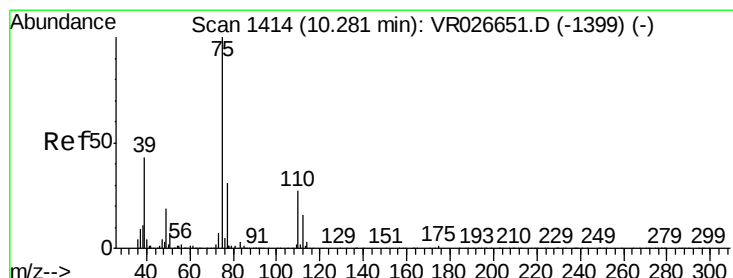
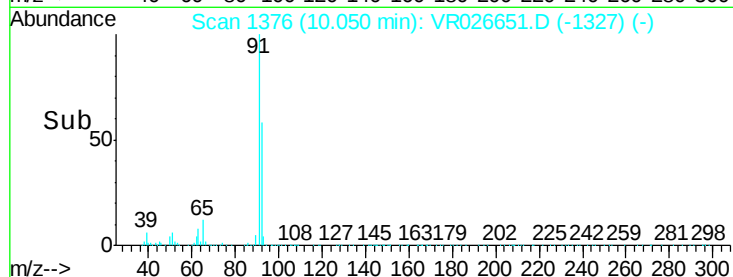
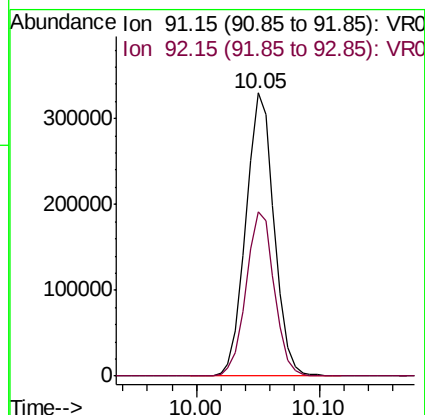
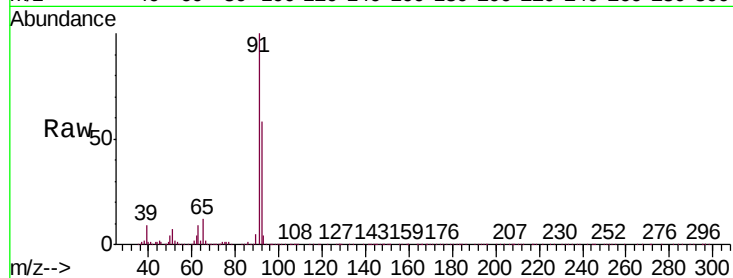
ClientSampleId :

Tgt Ion: 91 Resp: 527940

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.940 ug/L

RT: 10.28 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VR026651.D

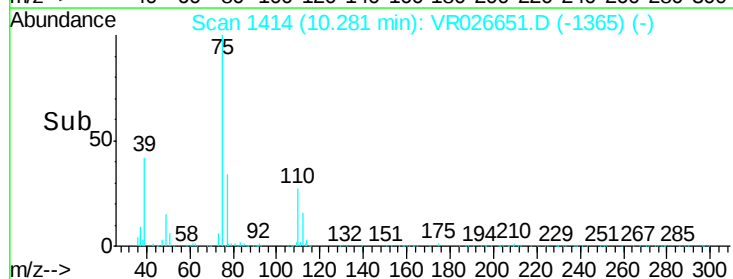
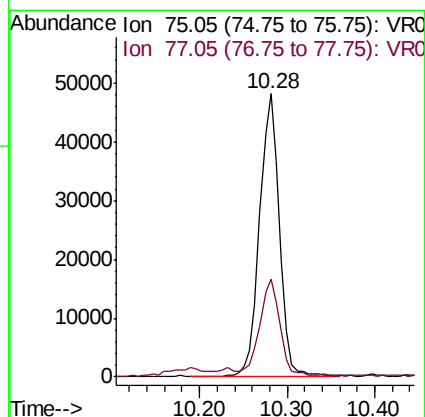
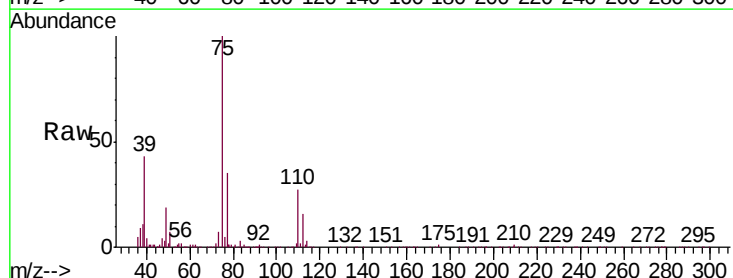
Acq: 10 Oct 2019 15:37

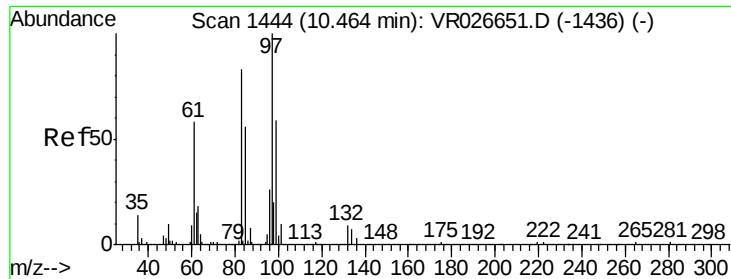
Tgt Ion: 75 Resp: 76053

Ion Ratio Lower Upper

75 100

77 34.6 24.2 45.0

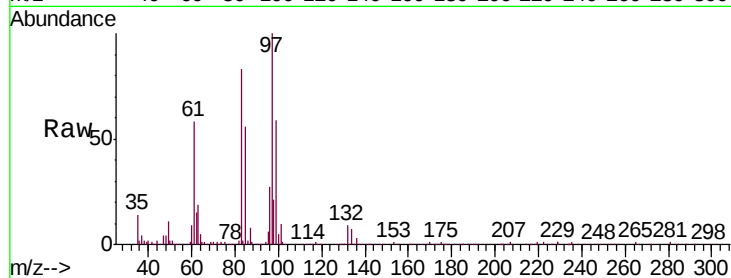




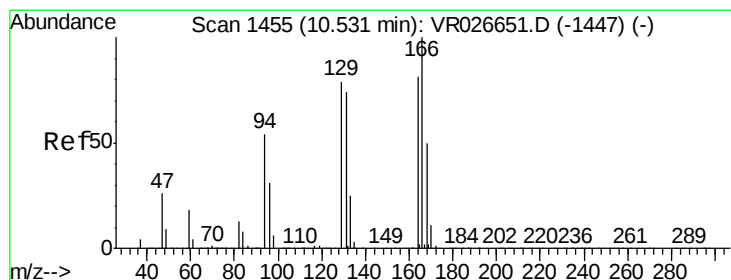
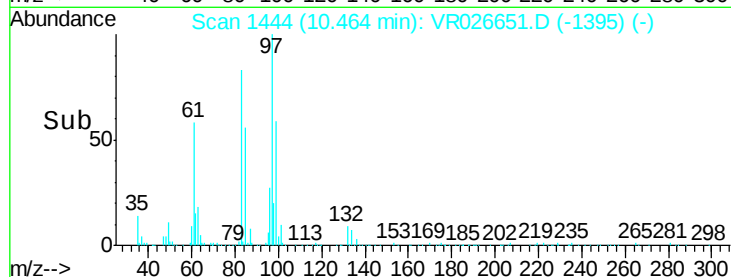
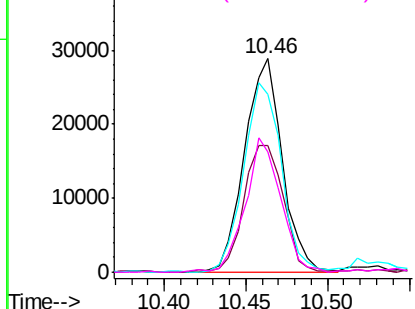
#45
 1,1,2-Trichloroethane
 Concen: 5.845 ug/L
 RT: 10.46 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Instrument :
 MSVOA_R
 ClientSampleId :

Tgt Ion:	97	Resp:	46697
Ion	Ratio	Lower	Upper
97	100		
99	59.0	41.3	76.7
83	83.2	58.2	108.2
85	56.4	39.5	73.3

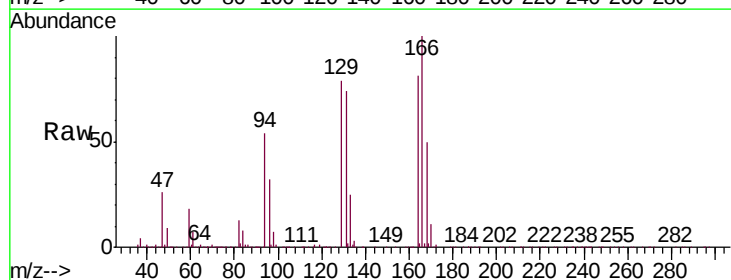


Abundance Ion 96.95 (96.65 to 97.65): VR0
 Ion 99.05 (98.75 to 99.75): VR0
 Ion 82.95 (82.65 to 83.65): VR0
 Ion 85.00 (84.70 to 85.70): VR0

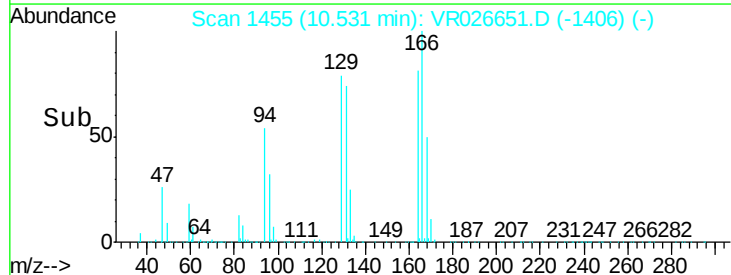
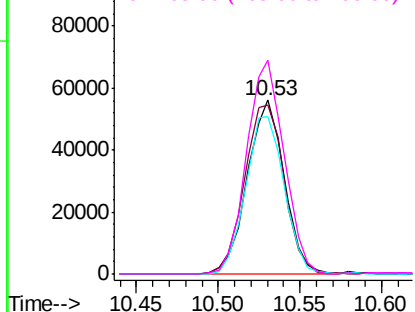


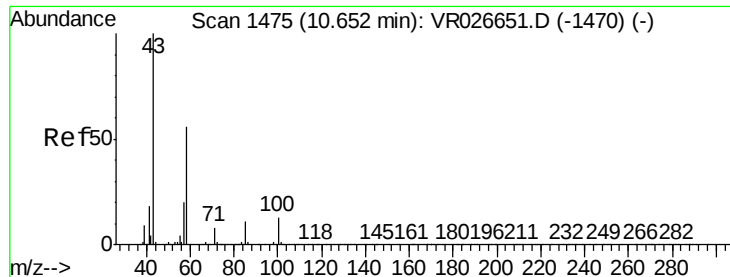
#47
 Tetrachloroethene
 Concen: 6.327 ug/L
 RT: 10.53 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion:	164	Resp:	88534
Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.2	126.6
131	90.3	63.2	117.4
166	122.8	86.0	159.6



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

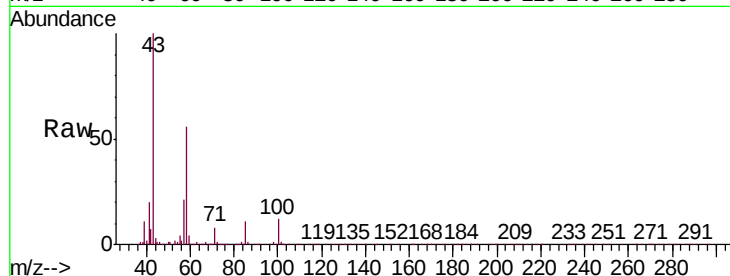




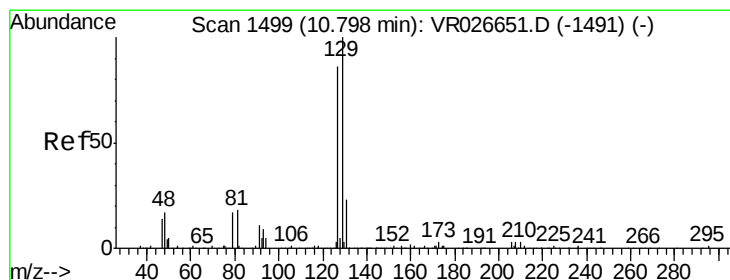
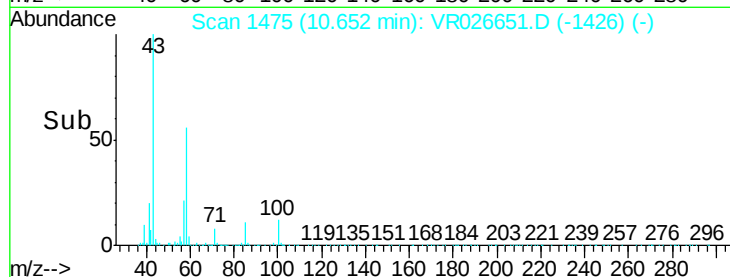
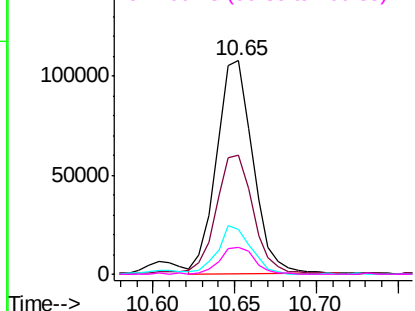
#48
2-Hexanone
Concen: 57.479 ug/L
RT: 10.65 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion:	43	Resp:	166509
Ion	Ratio	Lower	Upper
43	100		
58	58.7	47.0	70.4
57	21.0	16.8	25.2
100	12.9	10.3	15.5

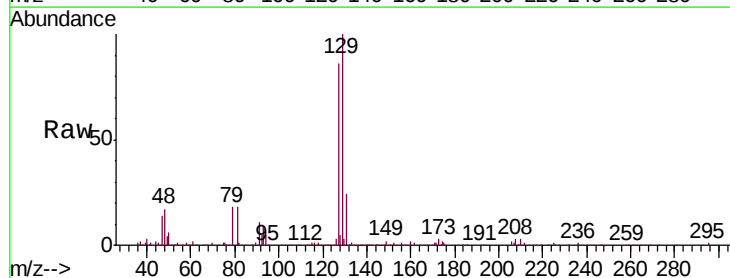


Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0
Ion 57.20 (56.90 to 57.90): VR0
Ion 100.15 (99.85 to 100.85): VR0

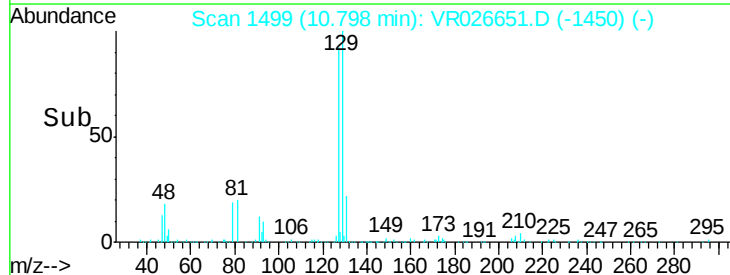
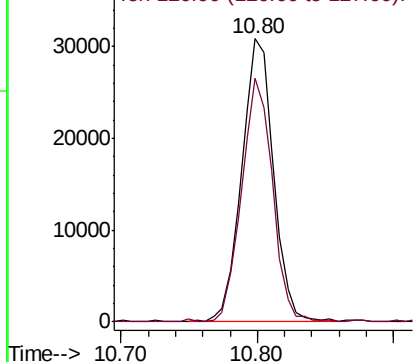


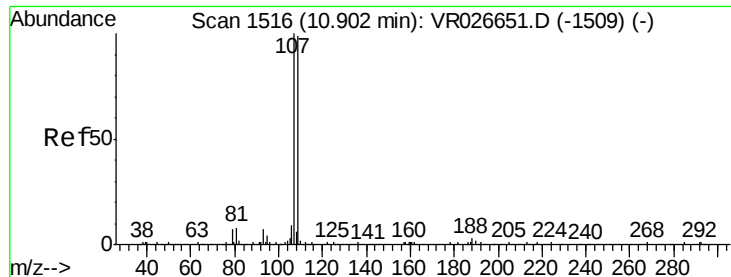
#49
Dibromochloromethane
Concen: 5.775 ug/L
RT: 10.80 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Tgt Ion:	129	Resp:	50326
Ion	Ratio	Lower	Upper
129	100		
127	86.0	60.2	111.8



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

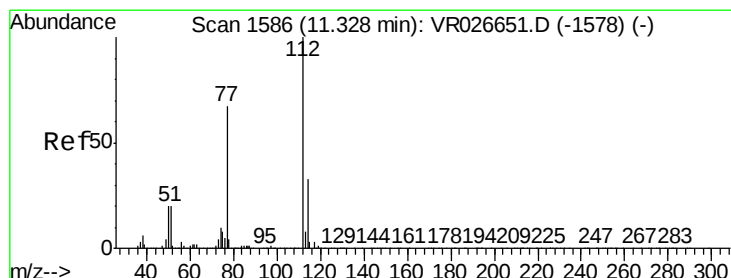
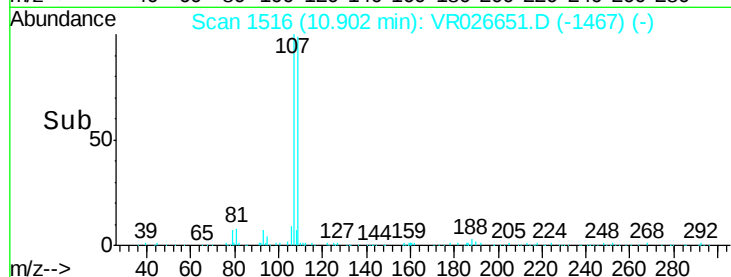
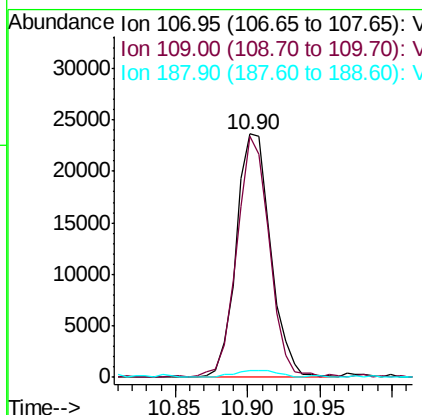
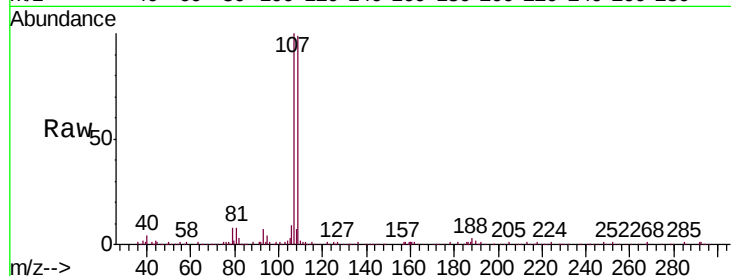




#50
1,2-Dibromoethane
Concen: 5.660 ug/L
RT: 10.90 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

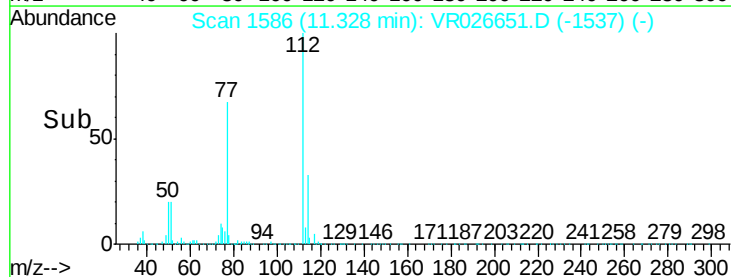
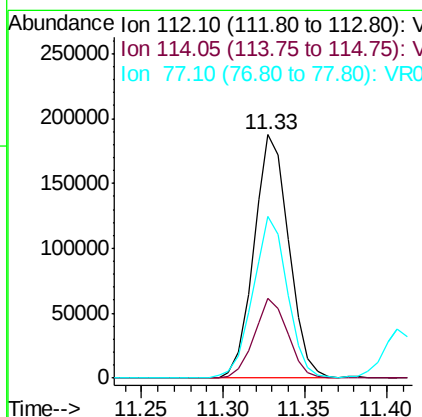
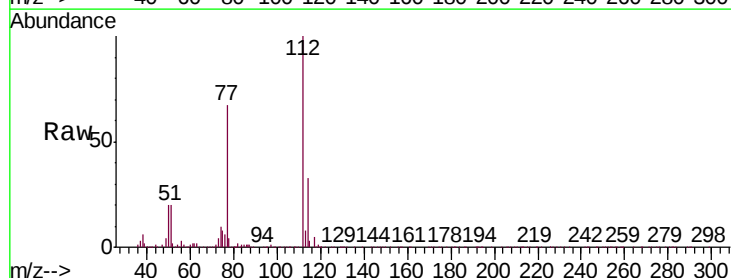
Instrument :
MSVOA_R
ClientSampleId :

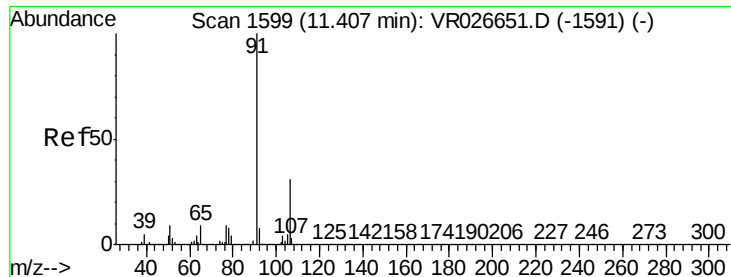
Tgt Ion	Ratio	Lower	Upper
107	100		
109	99.1	69.4	128.8
188	2.6	2.1	3.1



#51
Chlorobenzene
Concen: 5.882 ug/L
RT: 11.33 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.9	42.5
77	66.7	53.4	80.0





#52

Ethylbenzene

Concen: 6.281 ug/L

RT: 11.41 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

Instrument :

MSVOA_R

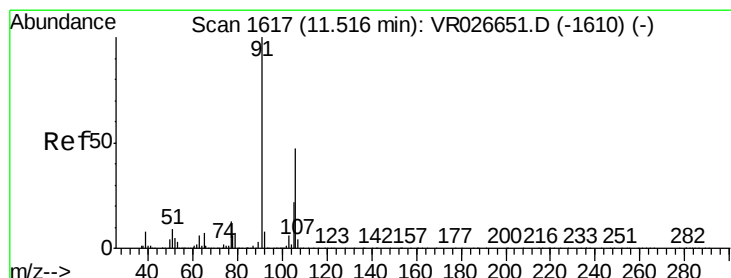
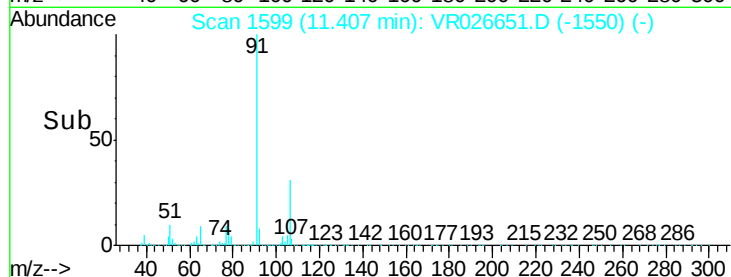
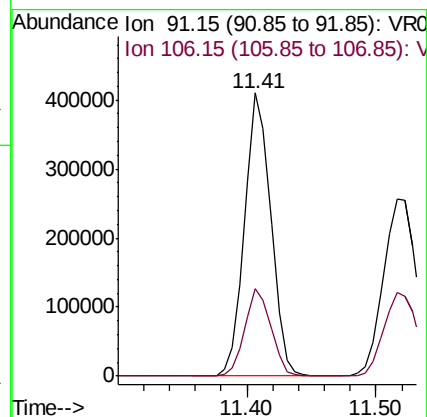
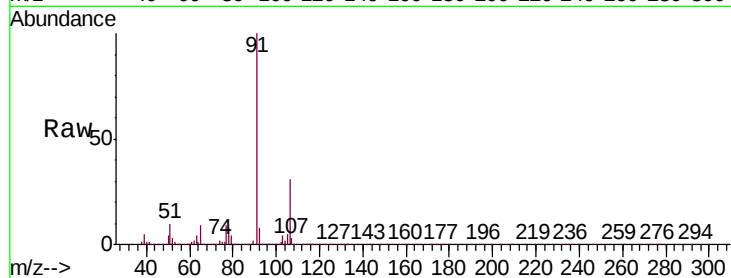
ClientSampleId :

Tgt Ion: 91 Resp: 577818

Ion Ratio Lower Upper

91 100

106 30.9 21.6 40.2



#53

m,p-Xylene

Concen: 6.447 ug/L

RT: 11.52 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VR026651.D

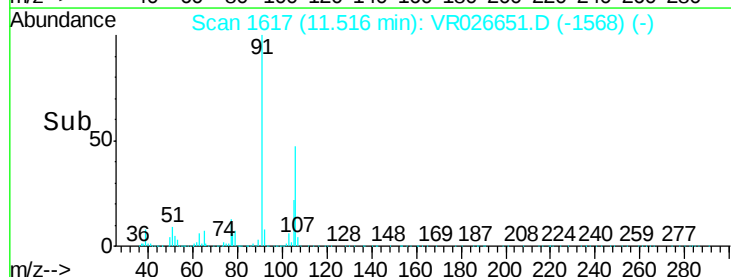
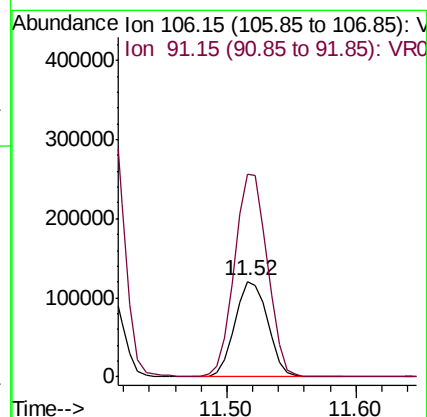
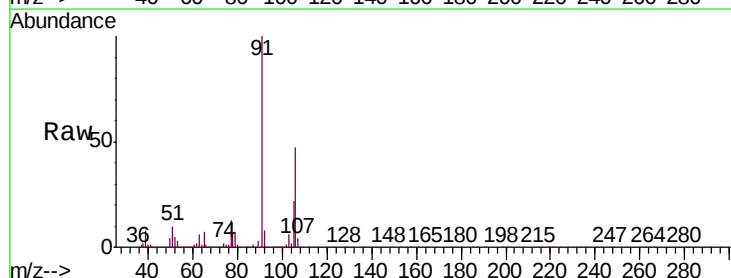
Acq: 10 Oct 2019 15:37

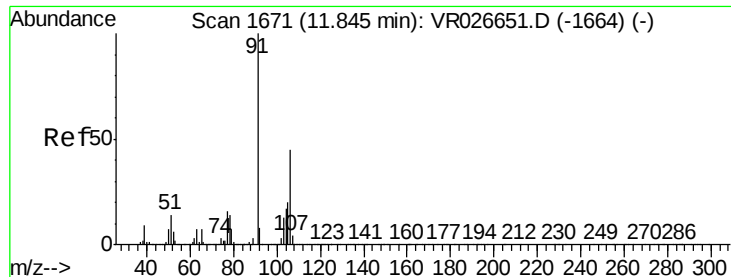
Tgt Ion: 106 Resp: 213782

Ion Ratio Lower Upper

106 100

91 212.0 148.4 275.6

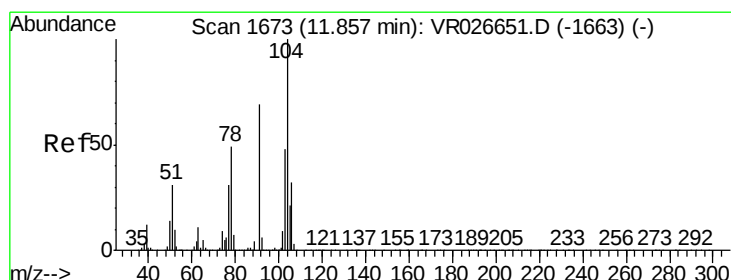
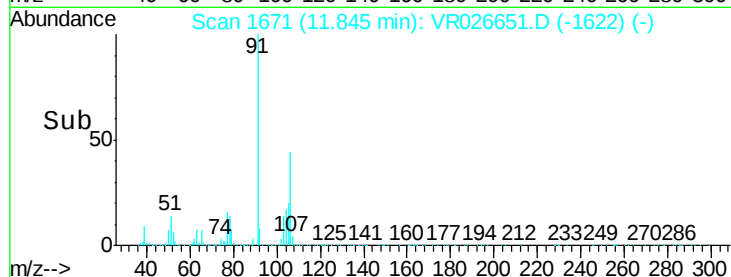
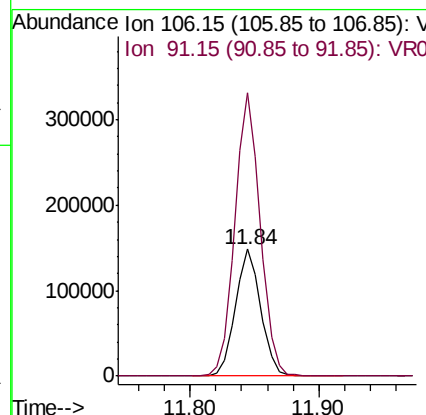
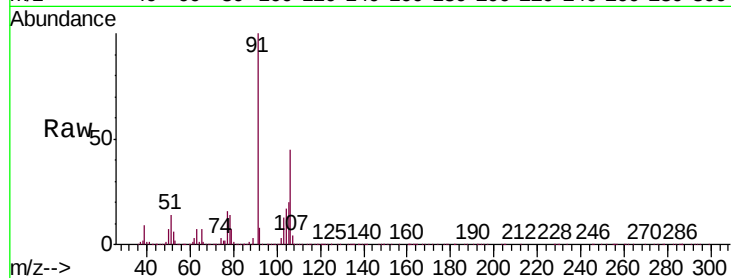




#54
o-Xylene
Concen: 6.276 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

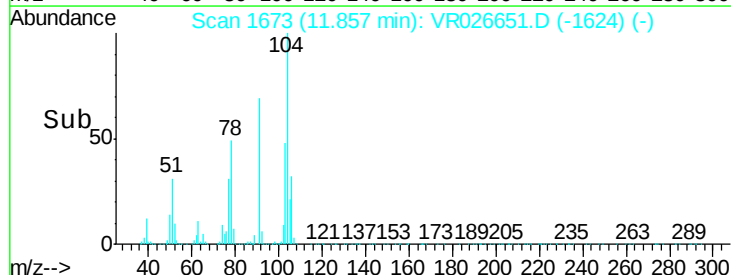
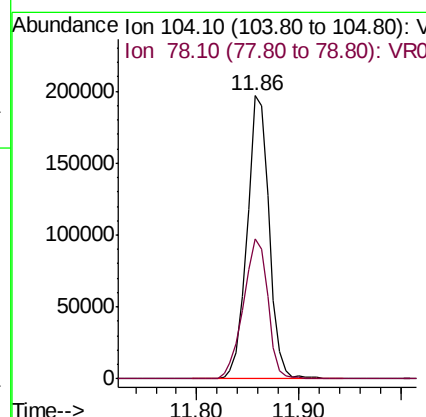
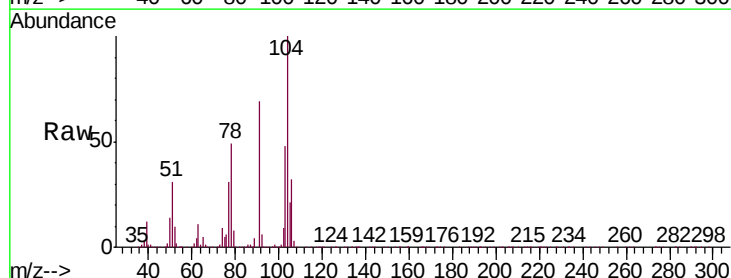
Instrument :
MSVOA_R
ClientSampleId :

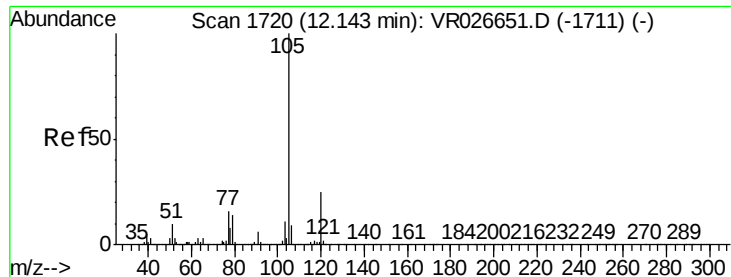
Tgt Ion:106 Resp: 203834
Ion Ratio Lower Upper
106 100
91 223.5 156.4 290.6



#55
Styrene
Concen: 6.289 ug/L
RT: 11.86 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VR026651.D
Acq: 10 Oct 2019 15:37

Tgt Ion:104 Resp: 292579
Ion Ratio Lower Upper
104 100
78 49.3 34.5 64.1





#56

Isopropylbenzene

Concen: 6.461 ug/L

RT: 12.14 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VR026651.D

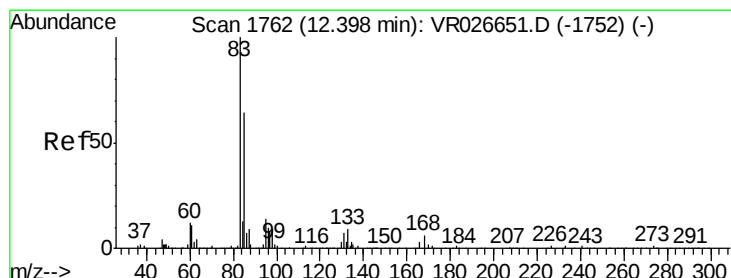
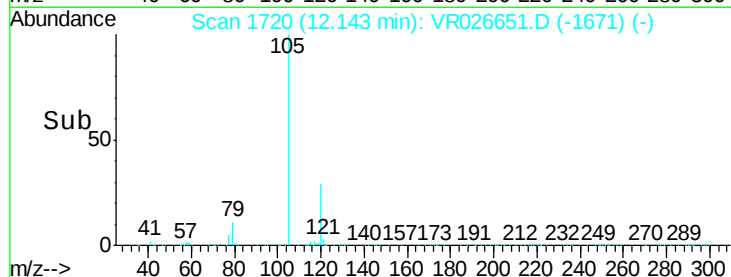
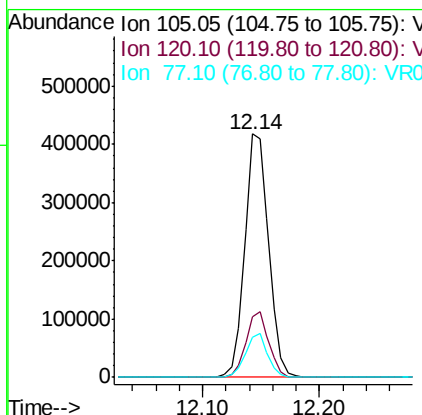
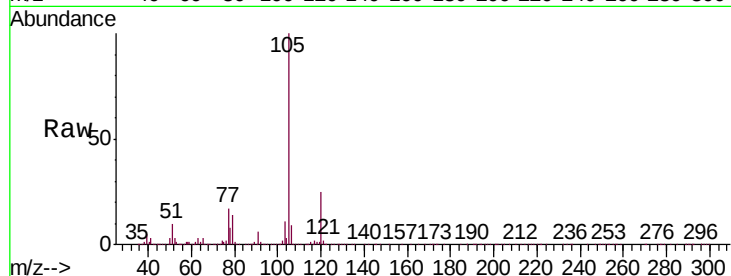
Acq: 10 Oct 2019 15:37

Instrument :

MSVOA_R

ClientSampled :

Tgt Ion:	105	Resp:	594285
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.6	31.0
77	17.0	13.6	20.4



#58

1,1,2,2-Tetrachloroethane

Concen: 5.819 ug/L

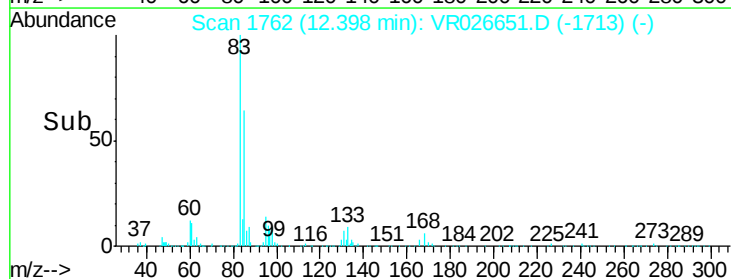
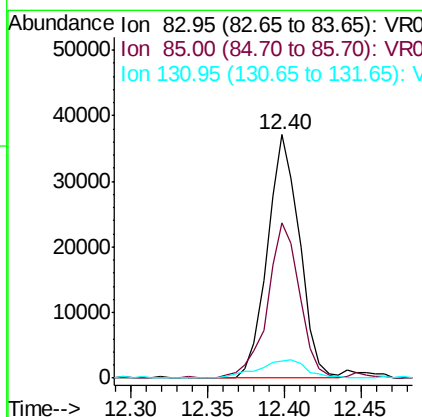
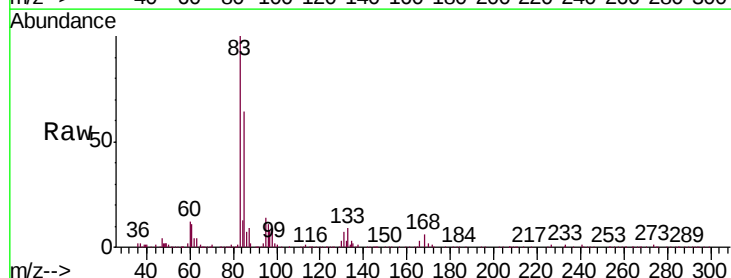
RT: 12.40 min Scan# 1762

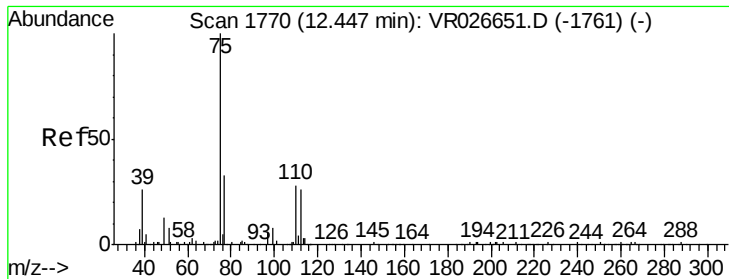
Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

Tgt Ion:	83	Resp:	54120
Ion Ratio	Lower	Upper	
83	100		
85	63.8	44.7	82.9
131	6.8	5.4	8.2

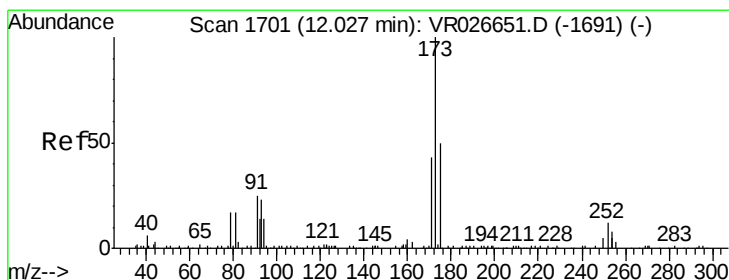
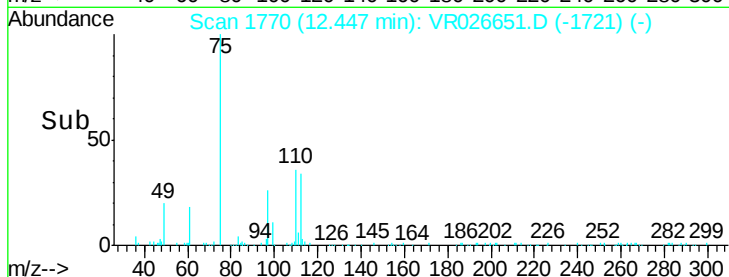
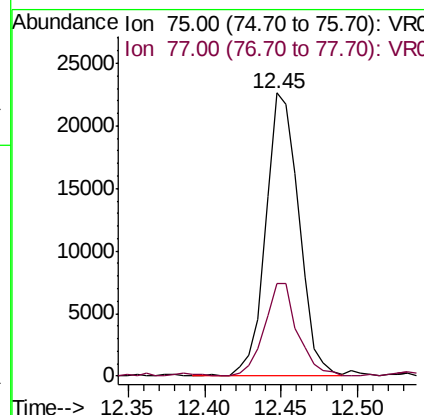
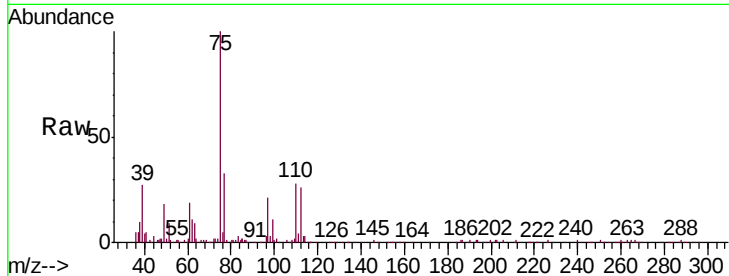




#59
 1,2,3-Trichloropropane
 Concen: 5.180 ug/L
 RT: 12.45 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

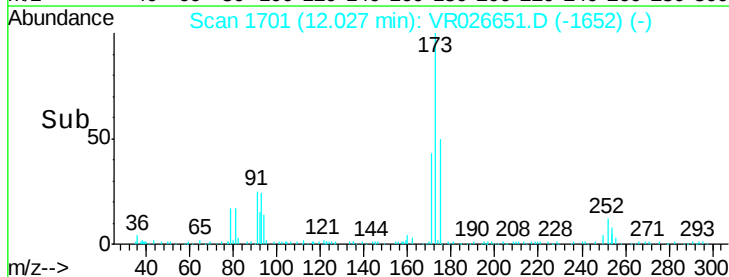
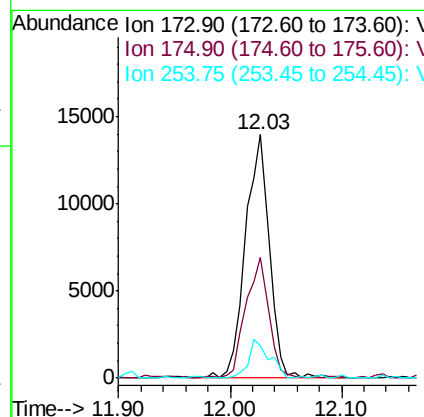
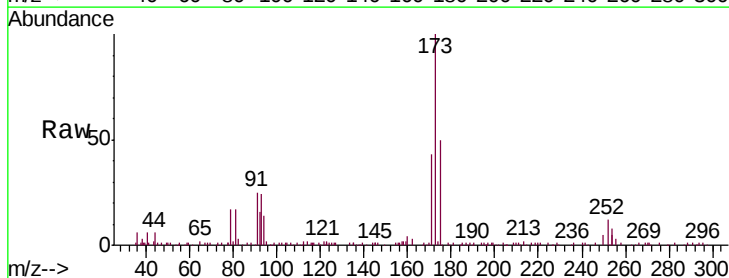
Instrument :
 MSVOA_R
 ClientSampled :

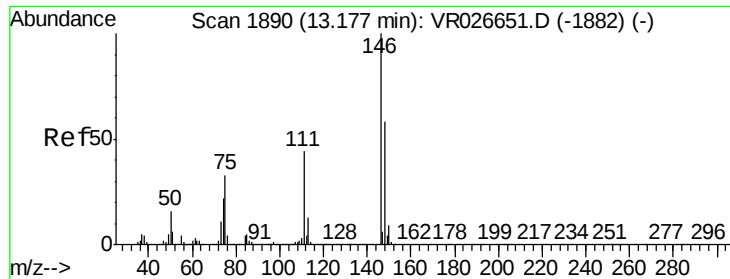
Tgt Ion: 75 Resp: 34256
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.5 39.7



#61
 Bromoform
 Concen: 4.897 ug/L
 RT: 12.03 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion: 173 Resp: 20762
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.6 57.8
 254 14.1 11.3 16.9

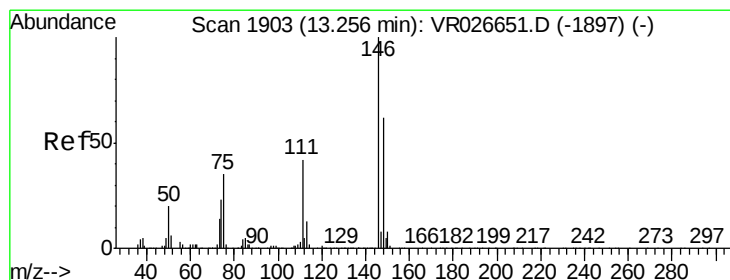
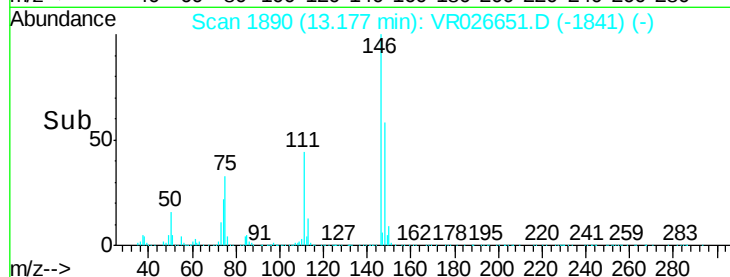
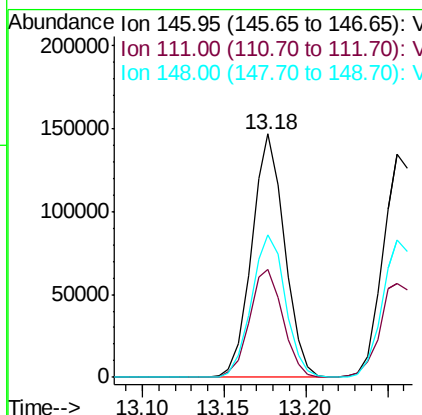
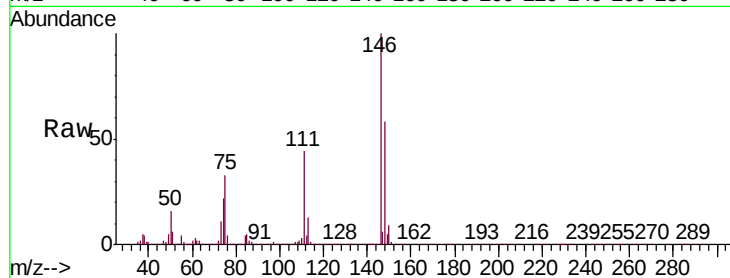




#62
 1,3-Dichlorobenzene
 Concen: 5.329 ug/L
 RT: 13.18 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

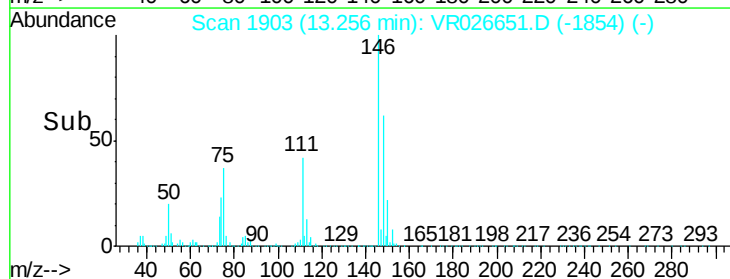
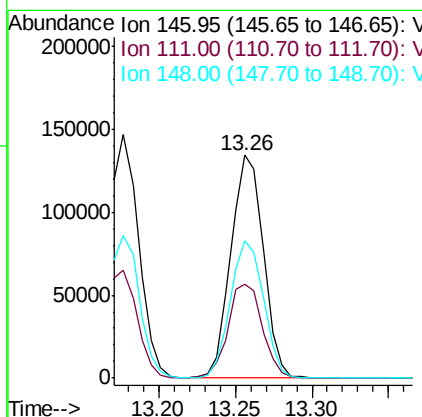
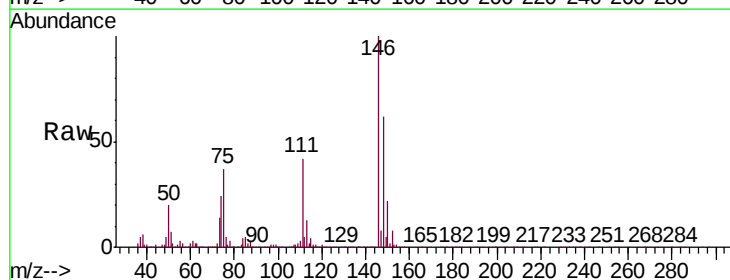
Instrument :
 MSVOA_R
 ClientSampleId :

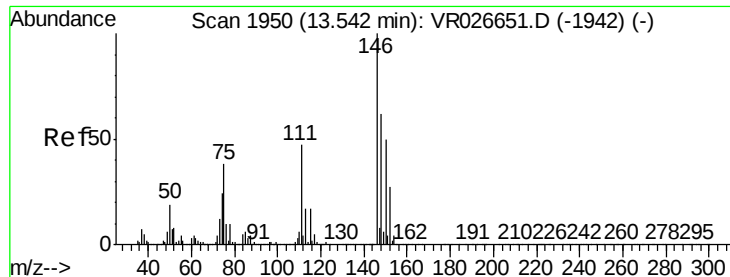
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	31.0	57.6
148	58.4	40.9	75.9



#63
 1,4-Dichlorobenzene
 Concen: 5.148 ug/L
 RT: 13.26 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	29.6	55.0
148	61.7	43.2	80.2

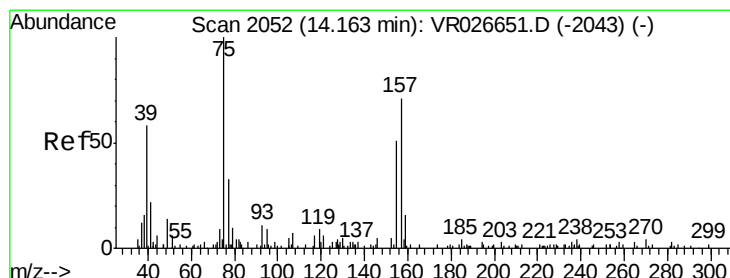
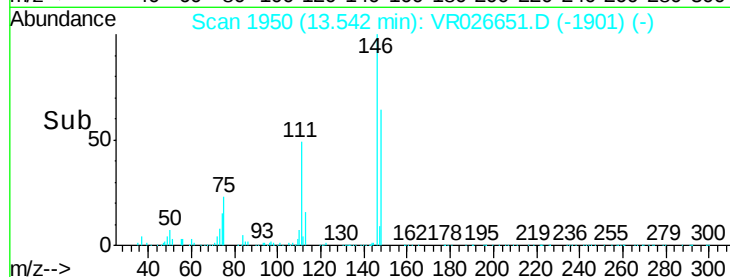
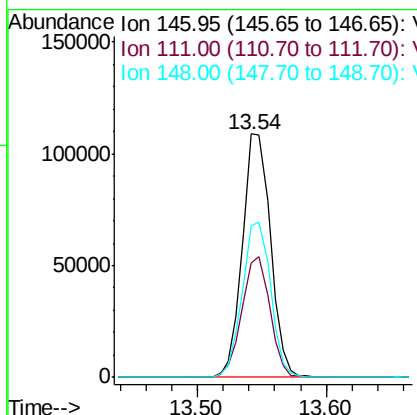
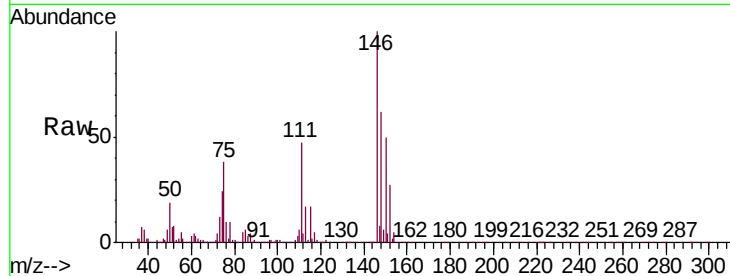




#65
 1,2-Dichlorobenzene
 Concen: 5.070 ug/L
 RT: 13.54 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

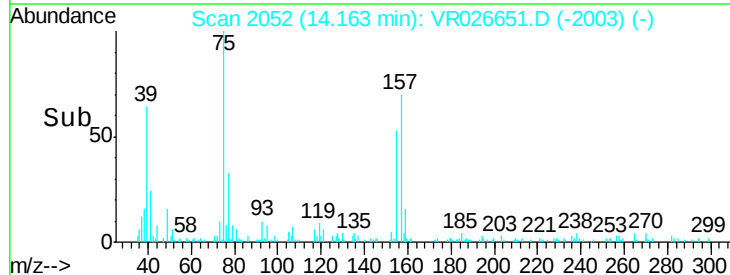
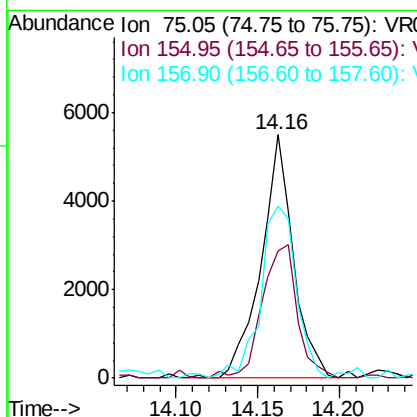
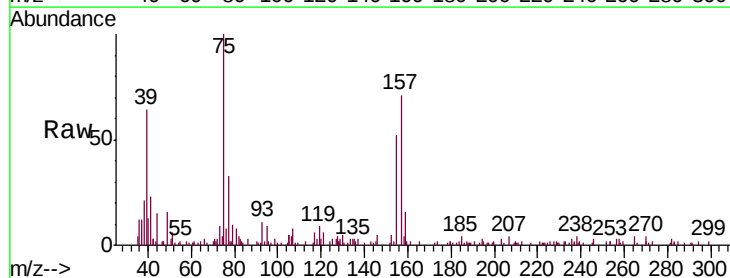
Instrument :
 MSVOA_R
 ClientSampled :

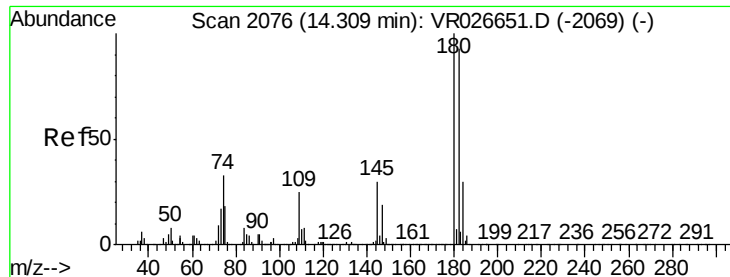
Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	37.4	56.2
148	62.0	49.6	74.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.574 ug/L
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	52.3	41.8	62.8
157	70.6	56.5	84.7

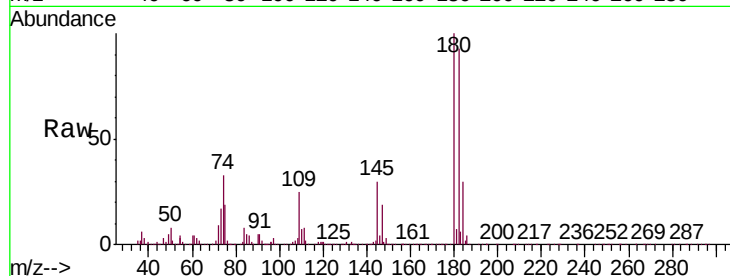




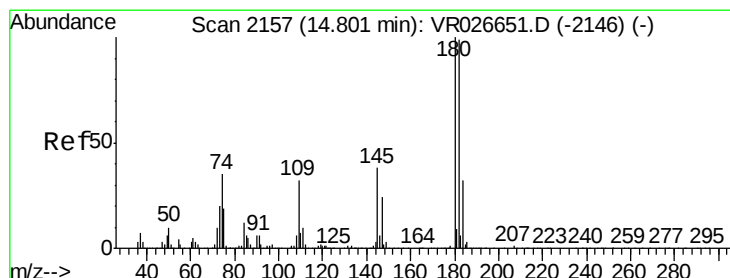
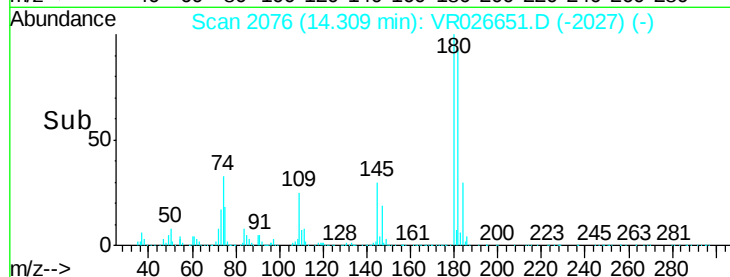
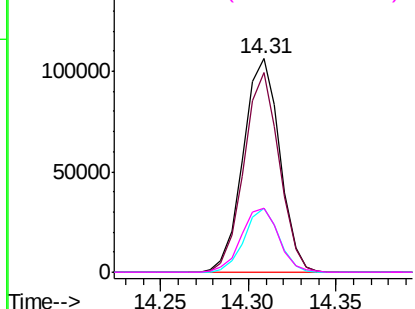
#67
 1,3,5-Trichlorobenzene
 Concen: 5.002 ug/L
 RT: 14.31 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Instrument :
 MSVOA_R
 ClientSampleId :

Tgt Ion:	180	Resp:	153788
Ion	Ratio	Lower	Upper
180	100		
182	90.6	72.5	108.7
184	28.4	22.7	34.1
145	30.9	24.7	37.1

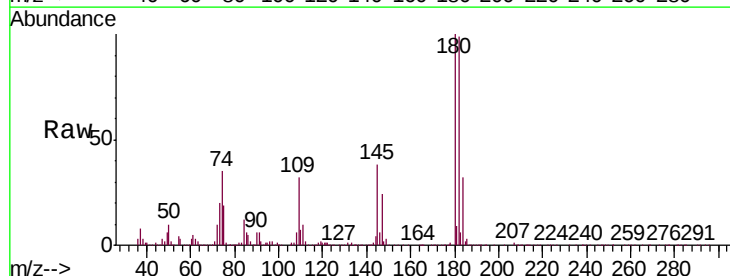


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

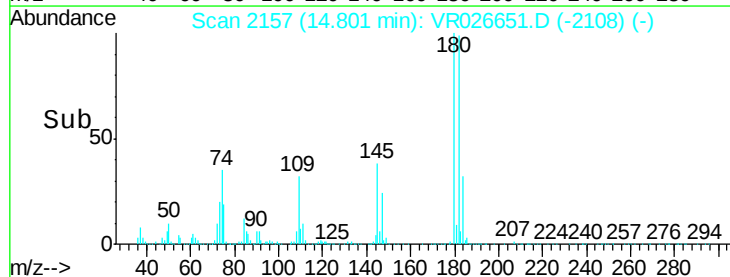
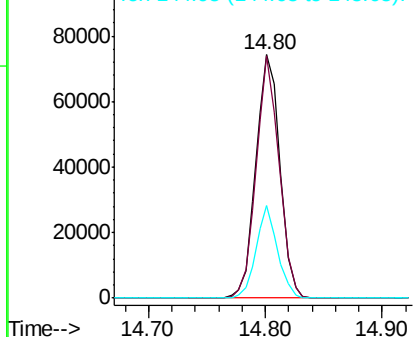


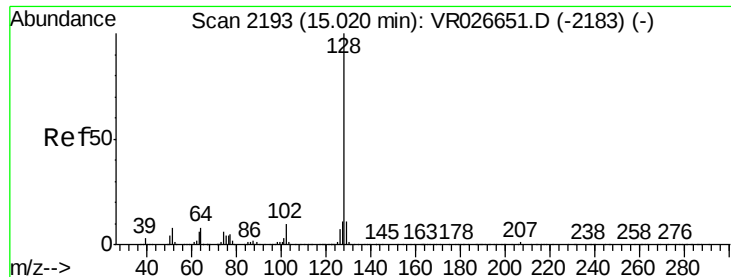
#68
 1,2,4-trichlorobenzene
 Concen: 4.948 ug/L
 RT: 14.80 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: VR026651.D
 Acq: 10 Oct 2019 15:37

Tgt Ion:	180	Resp:	106743
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	33.8	27.0	40.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 4.683 ug/L

RT: 15.02 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

Instrument :

MSVOA_R

ClientSampleId :

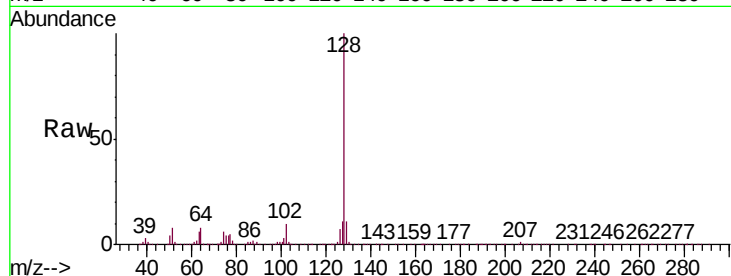
Tgt Ion:128 Resp: 131910

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

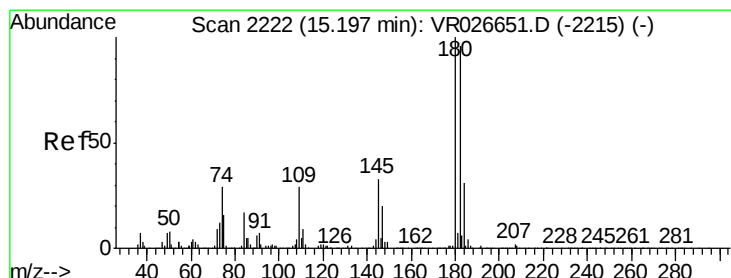
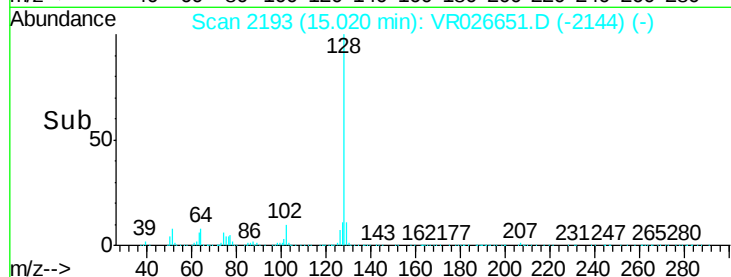
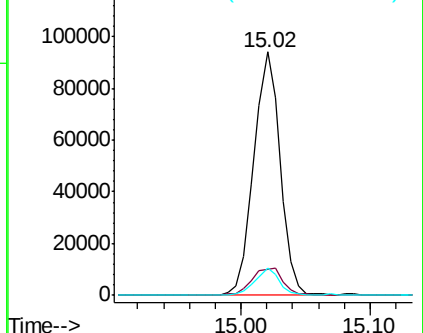
129 10.5 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.257 ug/L

RT: 15.20 min Scan# 2222

Delta R.T. 0.00 min

Lab File: VR026651.D

Acq: 10 Oct 2019 15:37

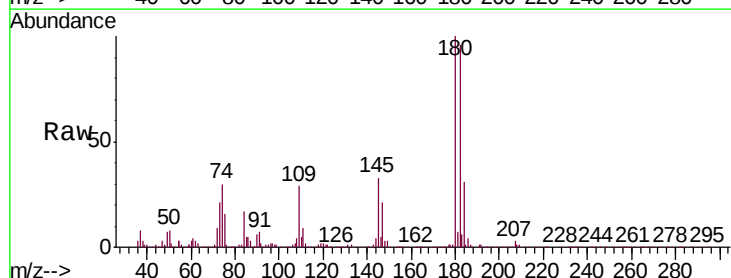
Tgt Ion:180 Resp: 103091

Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

145 33.9 27.1 40.7



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

