

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101019\
 Data File : VR026657.D
 Acq On : 10 Oct 2019 18:56
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 11 06:10:15 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	244625	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	198954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	103649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.20	65	71057	8.57	ug/L	0.00
7) Chloroethane-d5	2.64	69	57232	8.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.65	63	174803	7.95	ug/L	0.00
20) 2-Butanone-d5	6.62	46	96806	63.22	ug/L	0.00
24) Chloroform-d	7.23	84	226088	7.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	78050	7.86	ug/L	0.00
32) Benzene-d6	7.88	84	462146	7.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	110662	7.48	ug/L	0.00
41) Toluene-d8	9.98	98	391912	8.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	28318	8.18	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	78557	79.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.38	84	54774	7.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	97457	6.73	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.86	85	202409	6.678 ug/L	98
3) Chloromethane	2.07	50	93939	6.073 ug/L	89
5) Vinyl chloride	2.20	62	88917	5.770 ug/L	94
6) Bromomethane	2.54	94	61277	6.181 ug/L	96
8) Chloroethane	2.67	64	51930	5.863 ug/L	96
9) Trichlorofluoromethane	2.99	101	185182	6.759 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	75180	6.364 ug/L	99
12) 1,1-Dichloroethene	3.67	96	70918	6.181 ug/L	88
13) Acetone	3.73	43	68161	59.077 ug/L	98
14) Carbon disulfide	3.97	76	470347	8.338 ug/L	95
15) Methyl Acetate	4.22	43	28330	5.901 ug/L	99
16) Methylene chloride	4.42	84	136211	5.688 ug/L	96
17) Methyl tert-butyl Ether	4.93	73	137242	5.801 ug/L #	91
18) trans-1,2-Dichloroethene	4.90	96	143380	6.008 ug/L	90
19) 1,1-Dichloroethane	5.72	63	243920	5.590 ug/L	98
21) 2-Butanone	6.72	43	122335	59.559 ug/L	96
22) cis-1,2-Dichloroethene	6.70	96	135828	6.004 ug/L #	100
23) Bromochloromethane	7.07	128	39122	6.118 ug/L	97
25) Chloroform	7.25	83	238481	5.616 ug/L	96
27) 1,2-Dichloroethane	8.01	62	96472	6.360 ug/L #	89
29) 1,1,1-Trichloroethane	7.45	97	190790	5.8	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

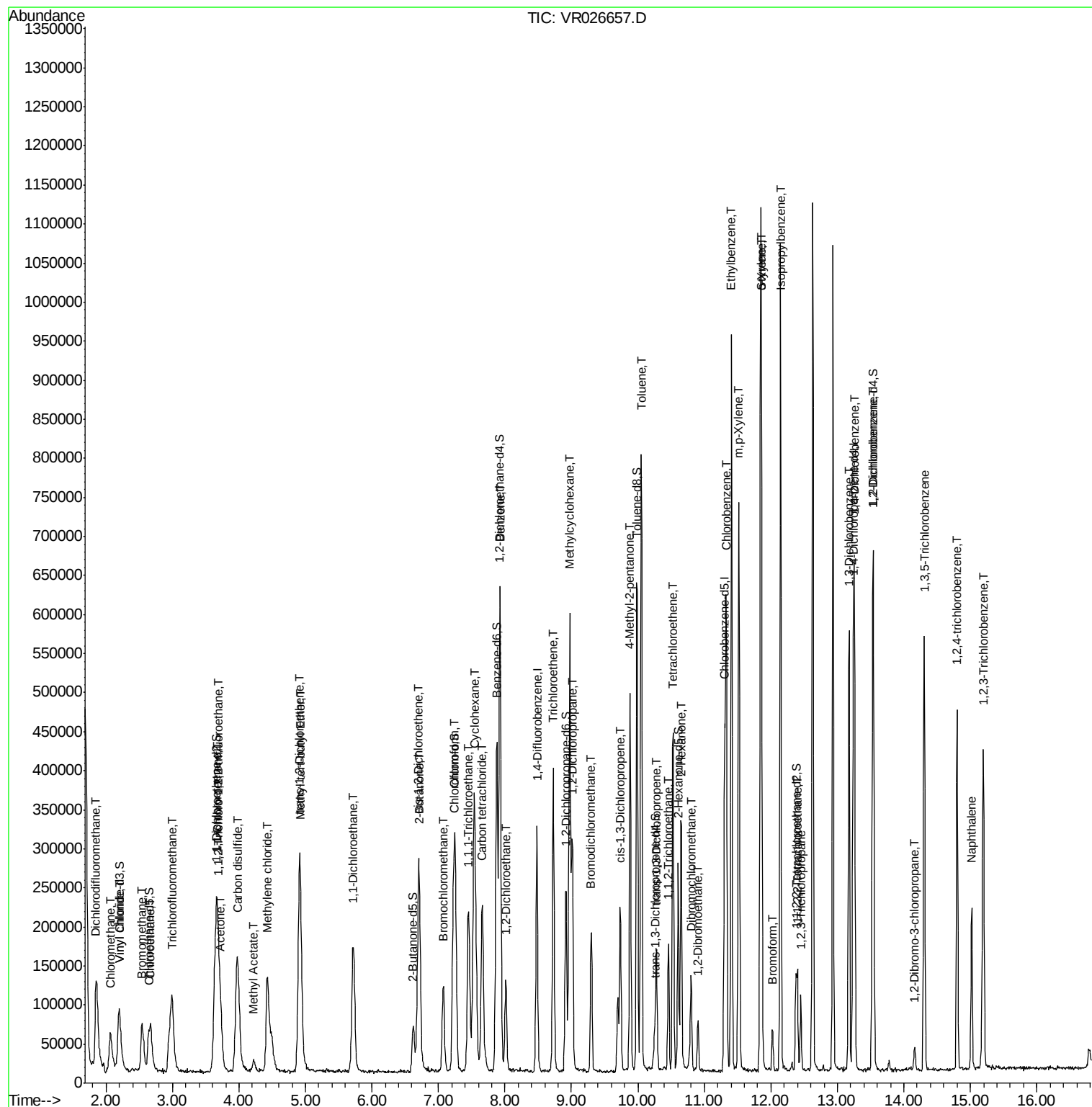
42) Toluene	10.05	91	543274	6.698	ug/L	99
44) trans-1,3-Dichloropropene	10.28	75	74392	5.852	ug/L	97
45) 1,1,2-Trichloroethane	10.46	97	46920	5.916	ug/L	96
47) Tetrachloroethene	10.53	164	90189	6.492	ug/L	97
48) 2-Hexanone	10.65	43	176040	61.215	ug/L	100
49) Dibromochloromethane	10.80	129	52644	6.085	ug/L	95
50) 1,2-Dibromoethane	10.90	107	41178	5.987	ug/L	91
51) Chlorobenzene	11.33	112	276328	5.890	ug/L	98
52) Ethylbenzene	11.41	91	577898	6.328	ug/L	97
53) m,p-Xylene	11.52	106	211179	6.415	ug/L	97
54) o-Xylene	11.84	106	204626	6.346	ug/L	95
55) Styrene	11.86	104	296946	6.430	ug/L	96
56) Isopropylbenzene	12.14	105	594275	6.508	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	52785	5.718	ug/L #	93
59) 1,2,3-Trichloropropane	12.45	75	37991	5.787	ug/L	97
61) Bromoform	12.02	173	21413	5.173	ug/L #	95
62) 1,3-Dichlorobenzene	13.18	146	198895	5.294	ug/L	94
63) 1,4-Dichlorobenzene	13.26	146	194635	5.187	ug/L	96
65) 1,2-Dichlorobenzene	13.55	146	172694	5.463	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.16	75	8964	5.599	ug/L #	75
67) 1,3,5-Trichlorobenzene	14.31	180	149056	4.966	ug/L	96
68) 1,2,4-trichlorobenzene	14.80	180	114134	5.419	ug/L	99
69) Naphthalene	15.02	128	140551	5.112	ug/L	98
70) 1,2,3-Trichlorobenzene	15.20	180	108904	5.688	ug/L	98

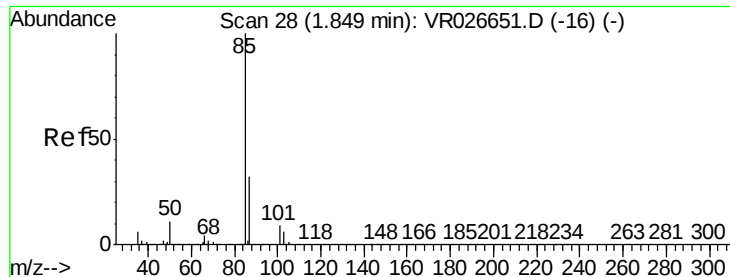
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 6.678 ug/L

RT: 1.86 min Scan# 29

Delta R.T. 0.01 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

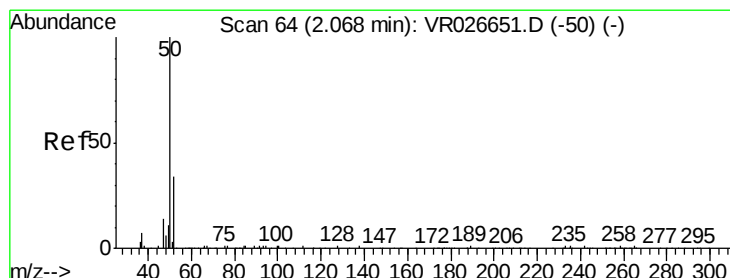
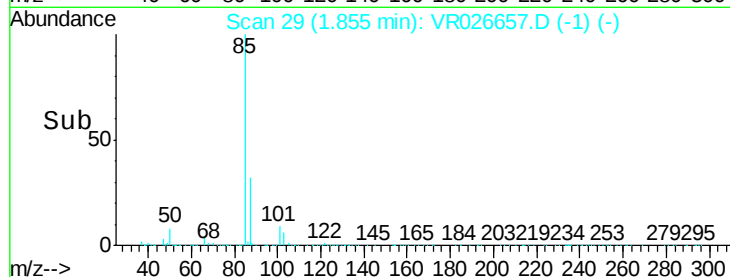
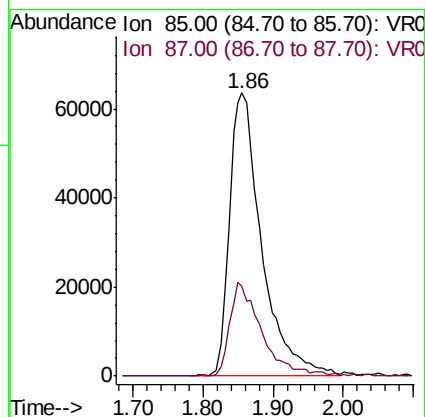
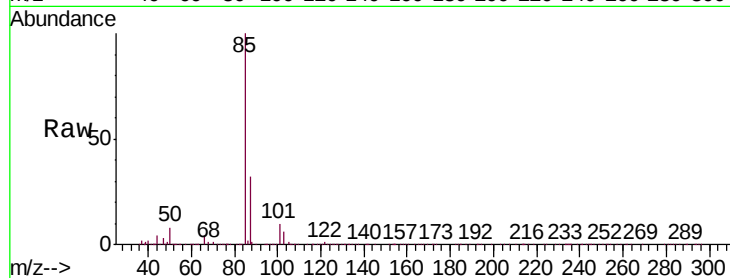
Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 85 Resp: 202409

Ion Ratio Lower Upper

85 100

87 32.9 25.4 38.0



#3

Chloromethane

Concen: 6.073 ug/L

RT: 2.07 min Scan# 64

Delta R.T. 0.00 min

Lab File: VR026657.D

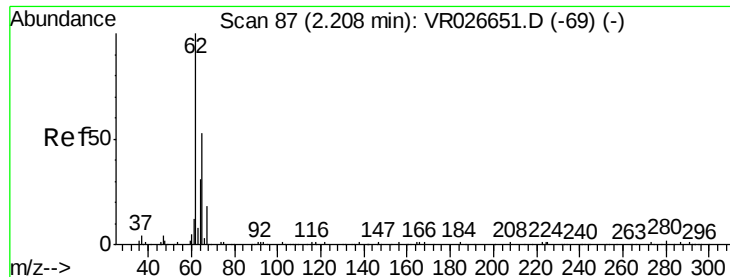
Acq: 10 Oct 2019 18:56

Tgt Ion: 50 Resp: 93939

Ion Ratio Lower Upper

50 100

52 28



#5

Vinyl chloride

Concen: 5.770 ug/L

RT: 2.20 min Scan# 86

Delta R.T. -0.01 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

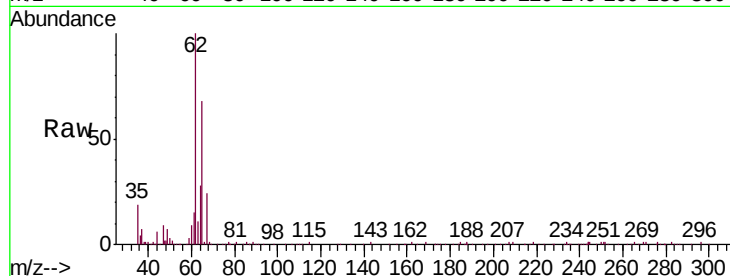
ClientSampleId :

Tgt Ion: 62 Resp: 88917

Ion Ratio Lower Upper

62 100

64 27.7 21.5 39.9



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0

2.20

25000

20000

15000

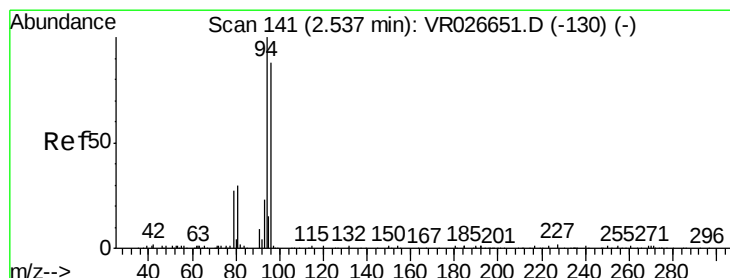
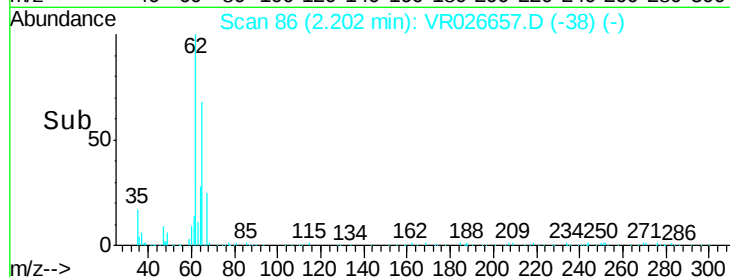
10000

5000

0

Time-->

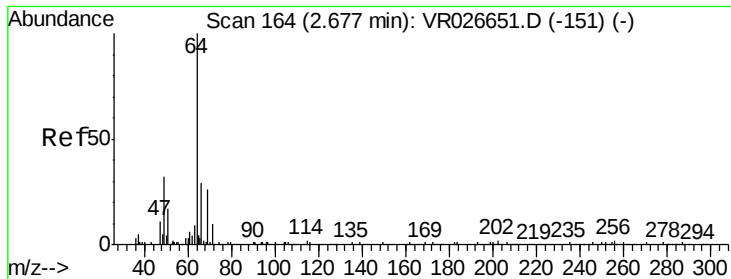
2.10 2.20 2.30



#6

Bromomethane

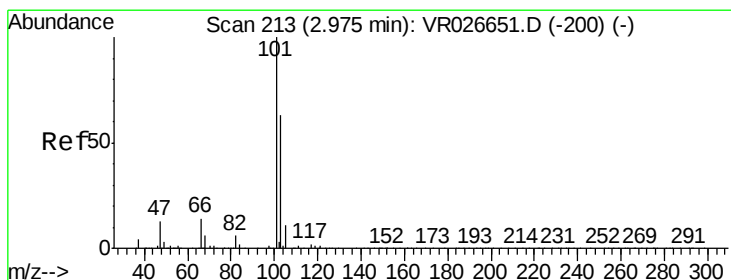
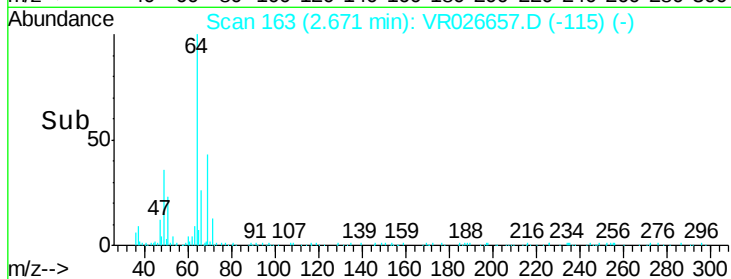
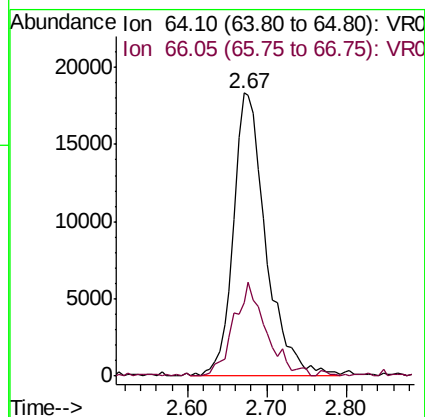
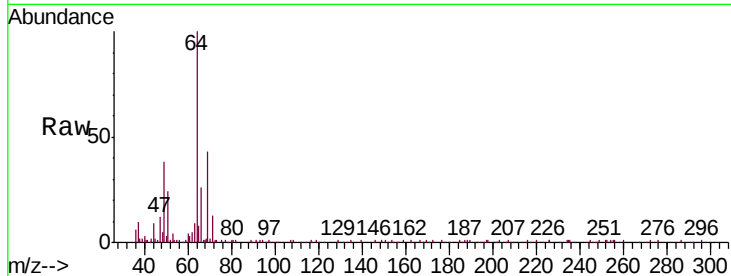
Concen: 6.181 ug/L



#8
Chloroethane
Concen: 5.863 ug/L
RT: 2.67 min Scan# 163
Delta R.T. -0.01 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

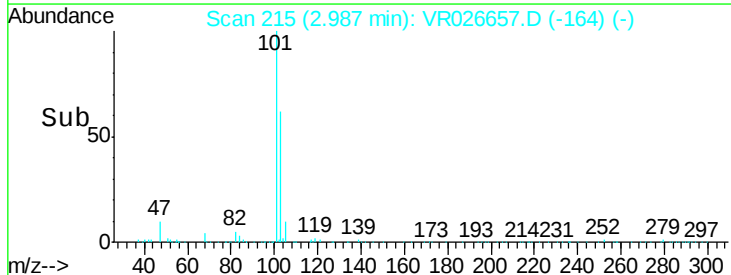
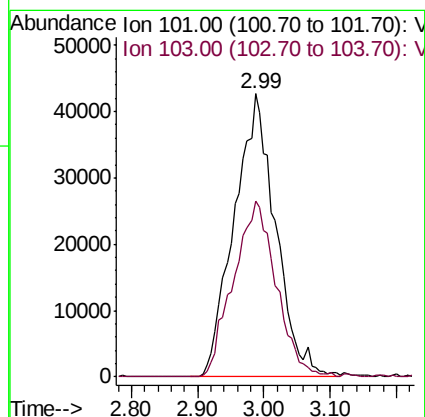
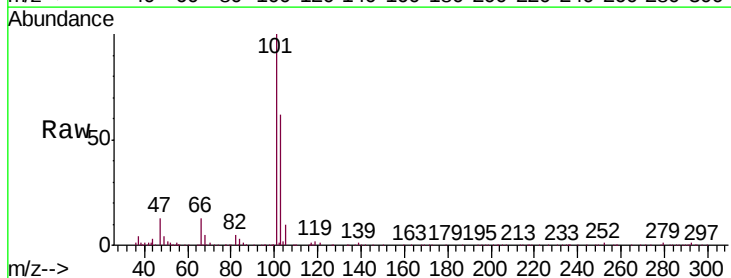
Instrument :
MSVOA_R
ClientSampleId :

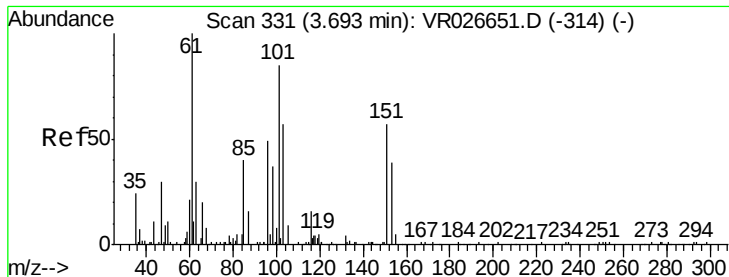
Tgt Ion: 64 Resp: 51930
Ion Ratio Lower Upper
64 100
66 26.1 19.7 36.5



#9
Trichlorofluoromethane
Concen: 6.759 ug/L
RT: 2.99 min Scan# 215
Delta R.T. 0.01 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Tgt Ion: 101 Resp: 185182
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3





#10

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

Concen: 6.364 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

ClientSampled :

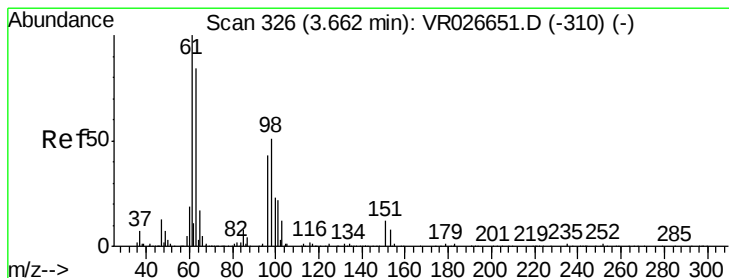
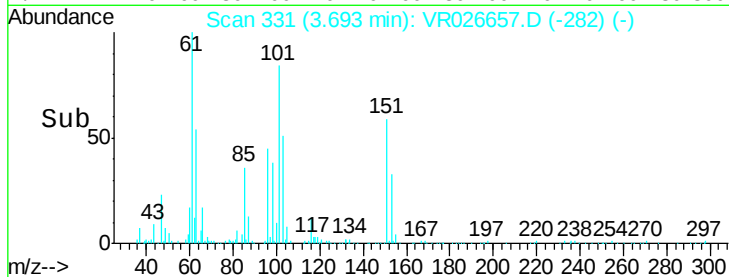
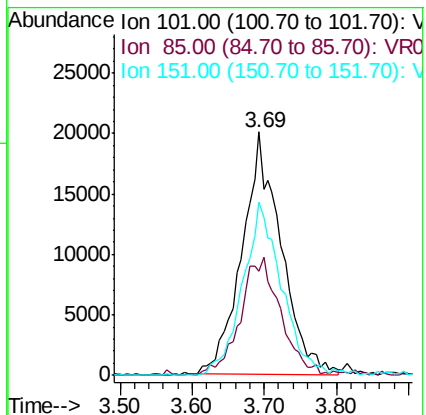
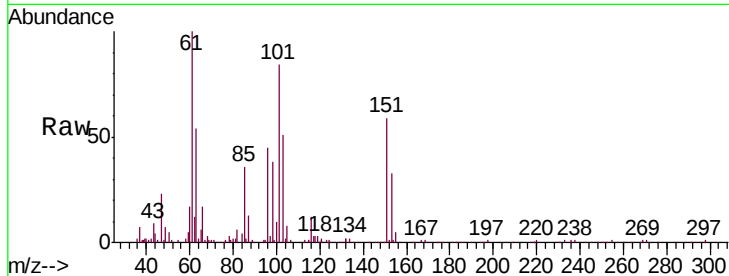
Tgt Ion: 101 Resp: 75180

Ion Ratio Lower Upper

101 100

85 50.4 39.8 59.8

151 70.9 56.5 84.7



#12

1,1-Dichloroethene

Concen: 6.181 ug/L

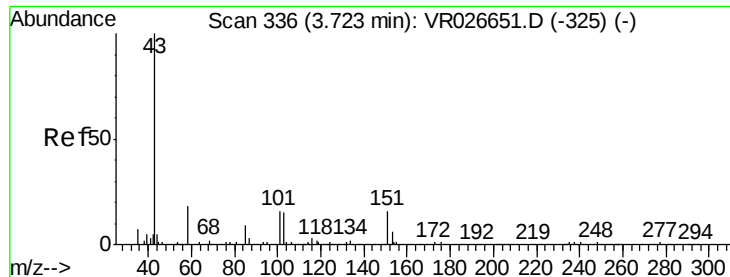
RT: 3.67 min Scan# 328

Delta R.T. 0.01 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

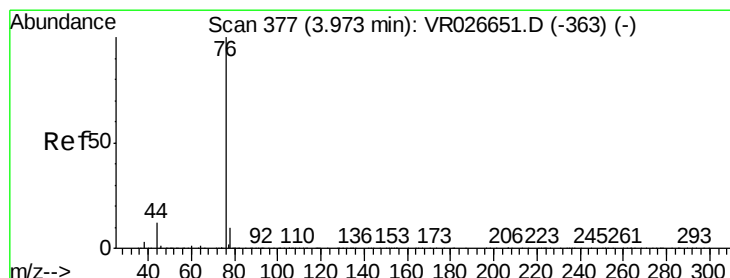
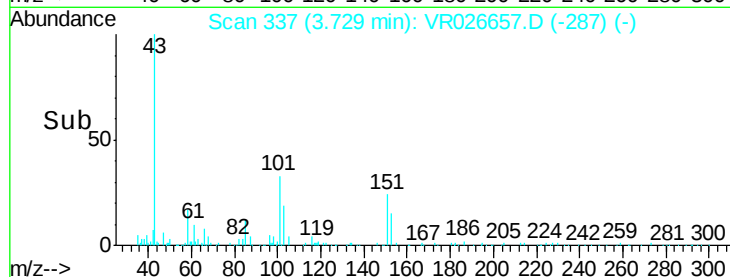
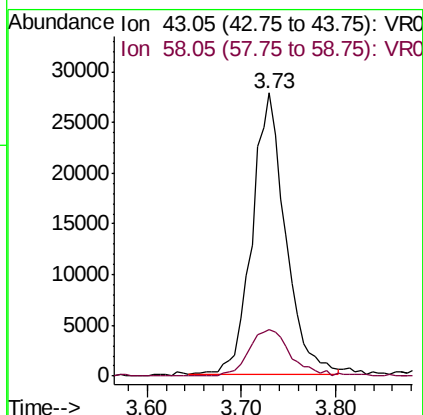
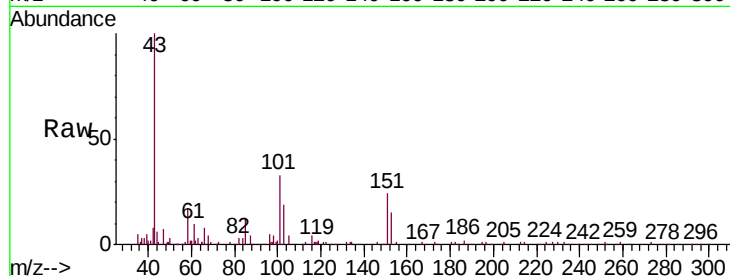
Tgt Ion: 96 Resp: 70918



#13
Acetone
Concen: 59.077 ug/L
RT: 3.73 min Scan# 337
Delta R.T. 0.01 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

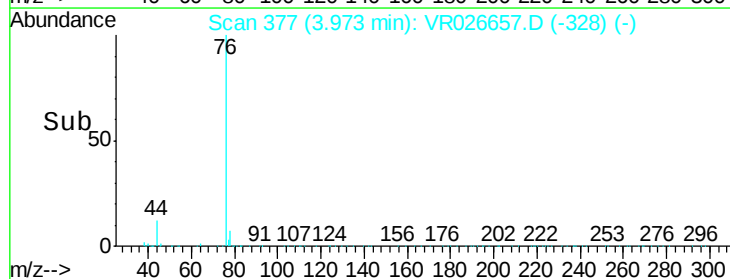
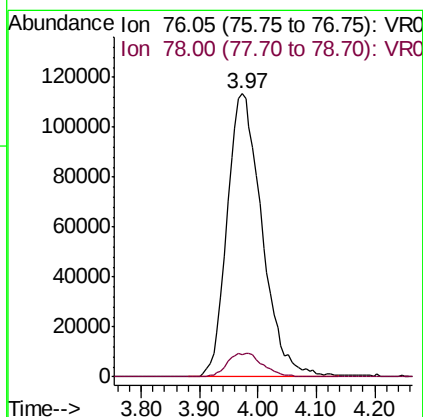
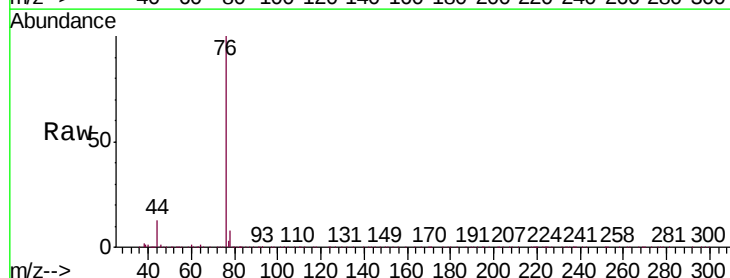
Instrument :
MSVOA_R
ClientSampleId :

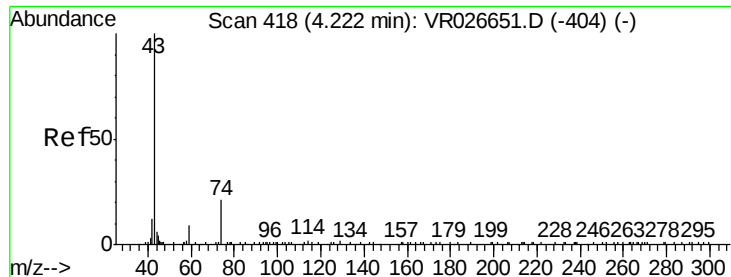
Tgt Ion: 43 Resp: 68161
Ion Ratio Lower Upper
43 100
58 20.6 0.0 39.6



#14
Carbon disulfide
Concen: 8.338 ug/L
RT: 3.97 min Scan# 377
Delta R.T. 0.00 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Tgt Ion: 76 Resp: 470347
Ion Ratio Lower Upper
76 100
78 7.8 7.7 11.5

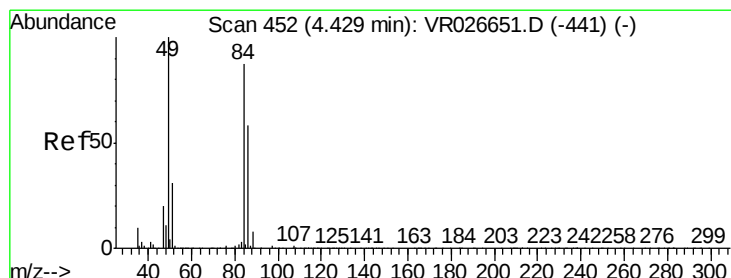
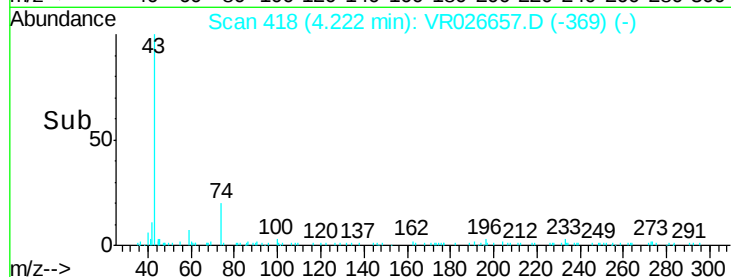
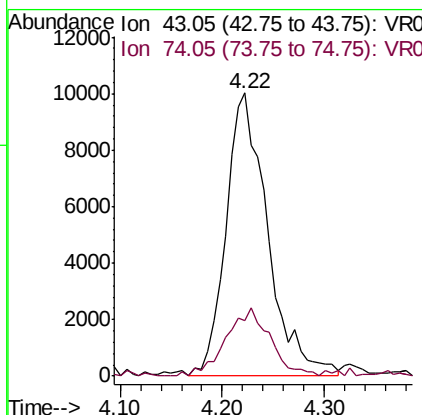
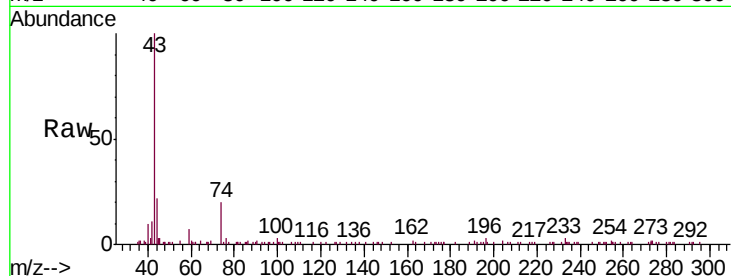




#15
Methyl Acetate
Concen: 5.901 ug/L
RT: 4.22 min Scan# 418
Delta R.T. 0.00 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

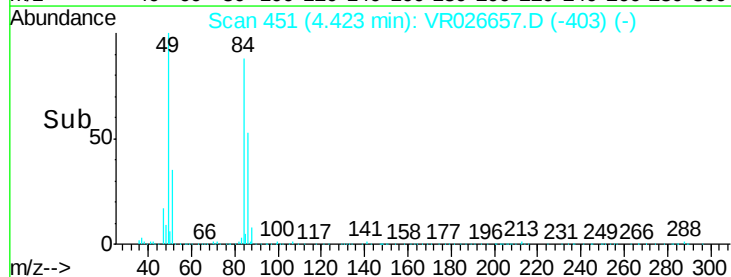
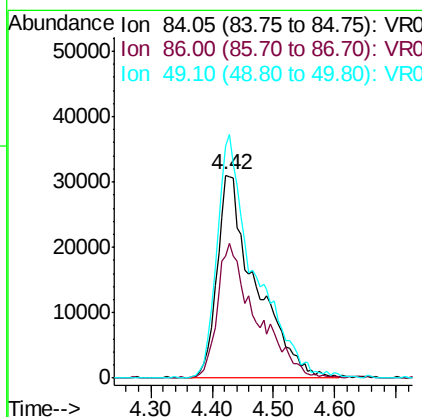
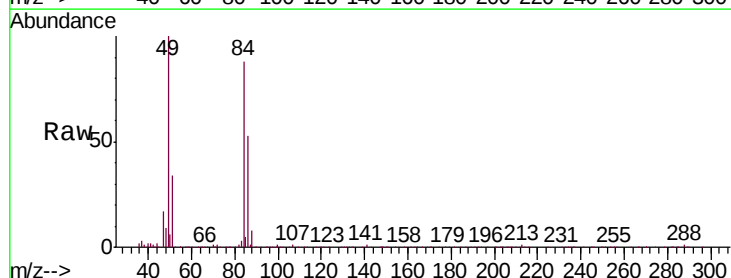
Instrument :
MSVOA_R
ClientSampleId :

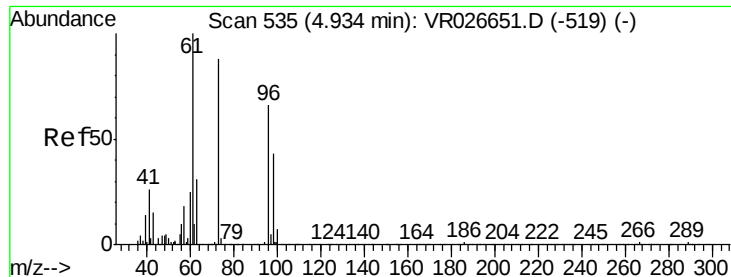
Tgt Ion: 43 Resp: 28330
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1



#16
Methylene chloride
Concen: 5.688 ug/L
RT: 4.42 min Scan# 451
Delta R.T. -0.01 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Tgt Ion: 84 Resp: 136211
Ion Ratio Lower Upper
84 100
86 60.1 46.4 86.2
49 114.1 80.8 150.0



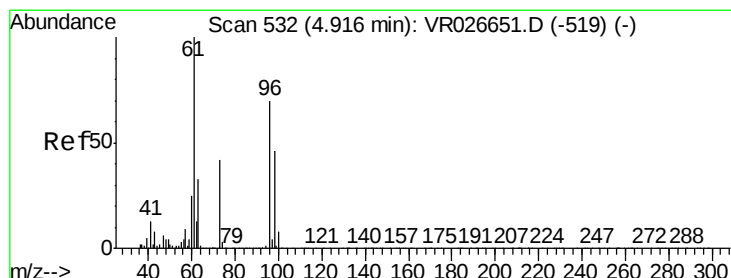
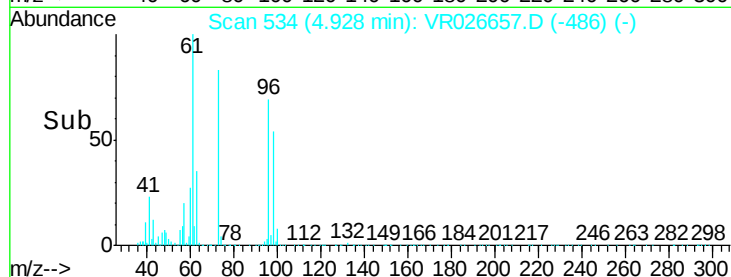
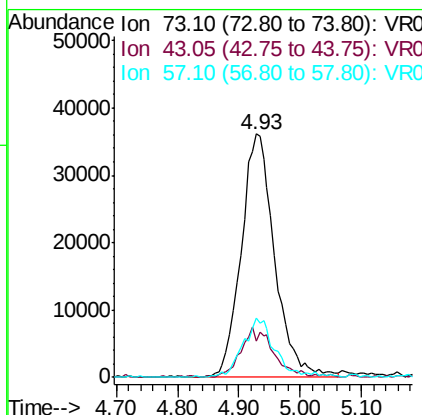
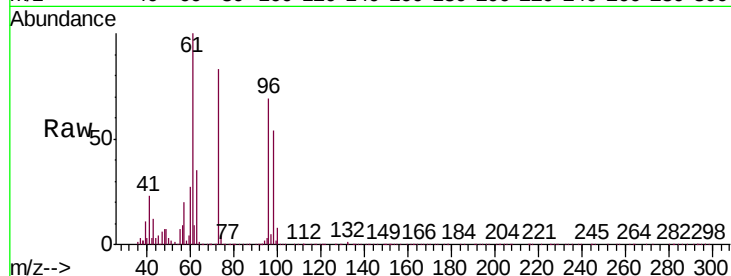


#17

Methyl tert-butyl Ether
 Concen: 5.801 ug/L
 RT: 4.93 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

Instrument :
 MSVOA_R
 ClientSampleID :

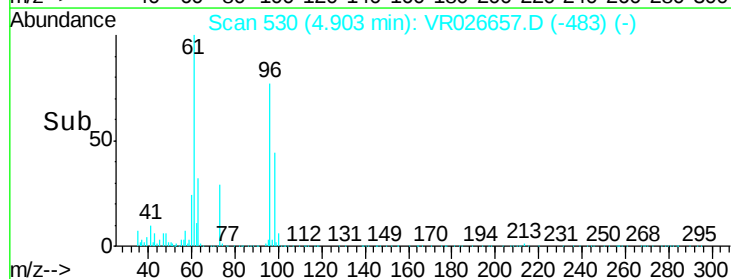
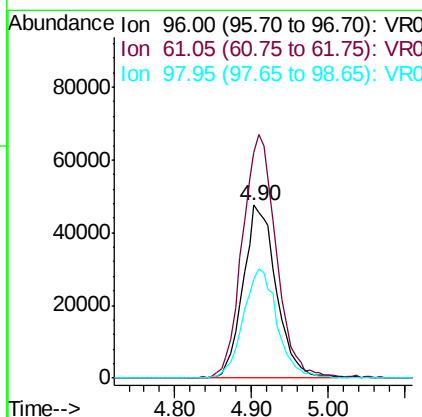
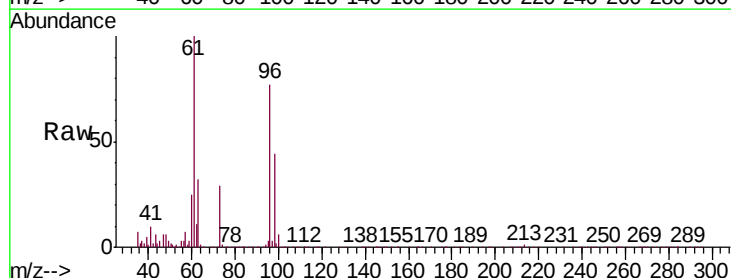
Tgt Ion	Ratio	Lower	Upper
73	100		
43	9.5	15.0	22.6#
57	22.9	18.5	27.7

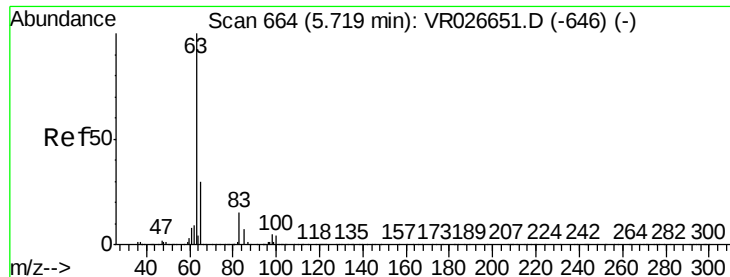


#18

trans-1,2-Dichloroethene
 Concen: 6.008 ug/L
 RT: 4.90 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.5	99.8	185.4
98	57.1	45.7	84.9

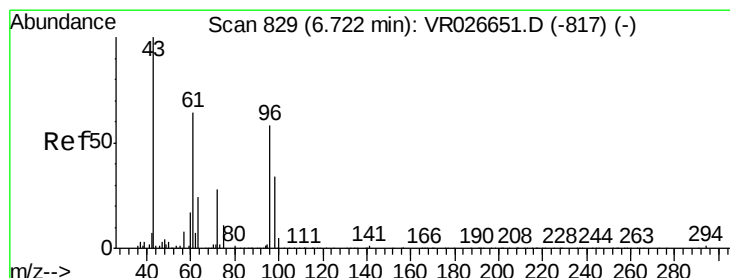
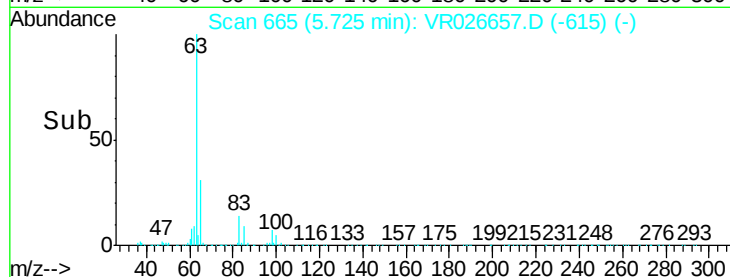
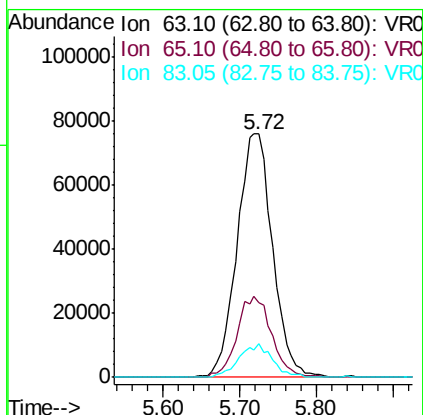
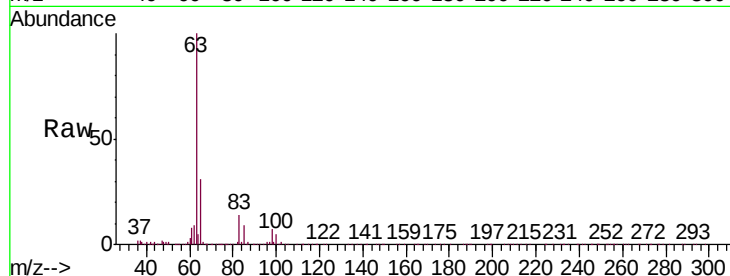




#19
1,1-Dichloroethane
Concen: 5.590 ug/L
RT: 5.72 min Scan# 665
Delta R.T. 0.01 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

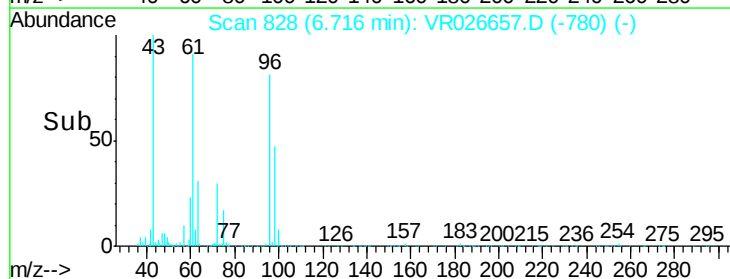
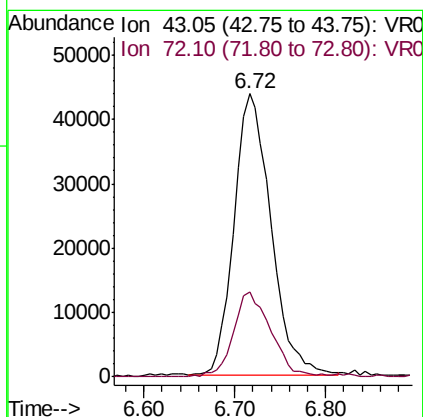
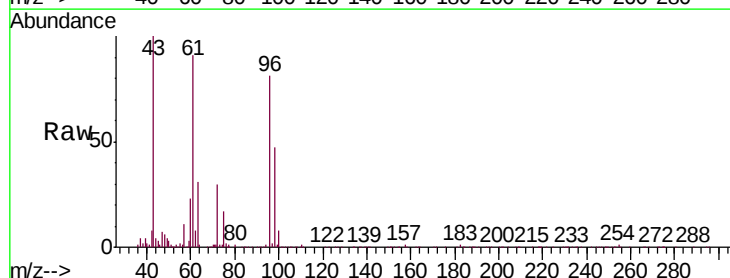
Instrument :
MSVOA_R
ClientSampleId :

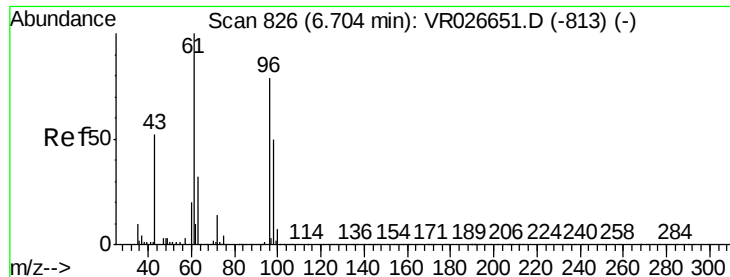
Tgt Ion: 63 Resp: 243920
Ion Ratio Lower Upper
63 100
65 30.7 21.0 39.0
83 13.6 10.6 19.6



#21
2-Butanone
Concen: 59.559 ug/L
RT: 6.72 min Scan# 828
Delta R.T. -0.01 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Tgt Ion: 43 Resp: 122335
Ion Ratio Lower Upper
43 100
72 30.8 14.4 43.2



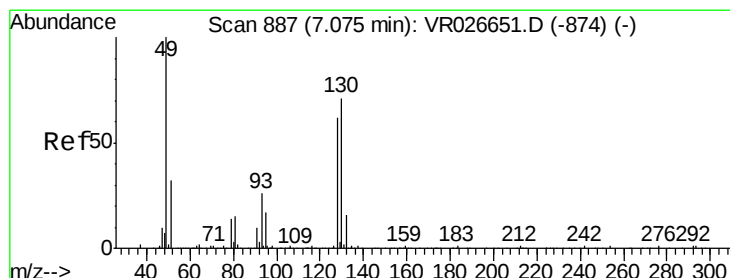
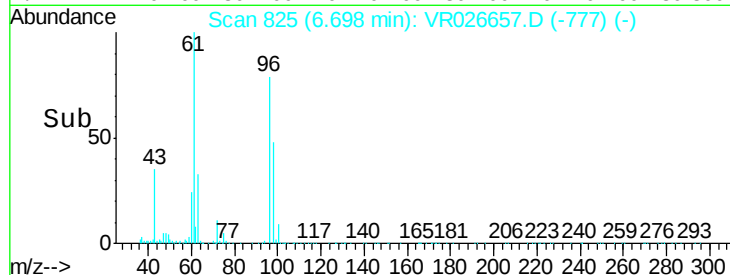
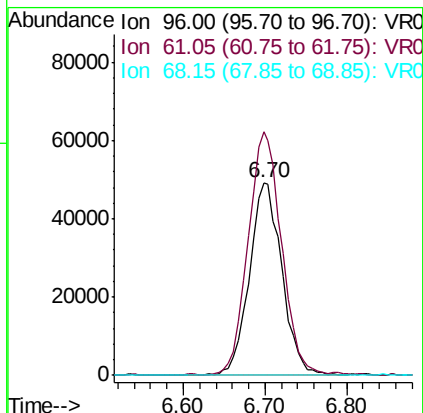
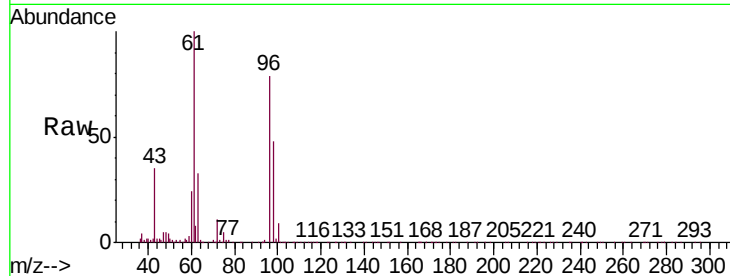


#22

cis-1,2-Dichloroethene
 Concen: 6.004 ug/L
 RT: 6.70 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

Instrument :
 MSVOA_R
 ClientSampleId :

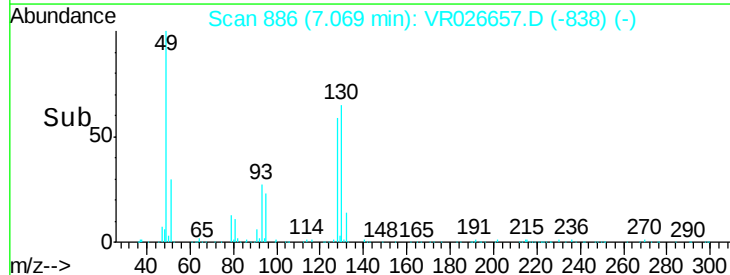
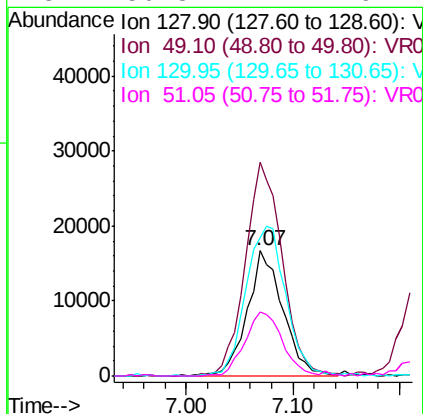
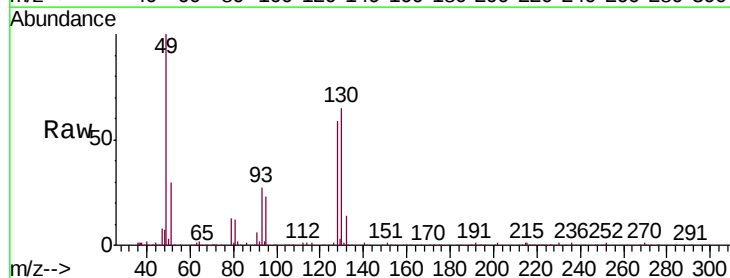
Tgt Ion: 96 Resp: 135828
 Ion Ratio Lower Upper
 96 100
 61 126.3 88.8 164.8
 68 0.2 0.0 0.0#

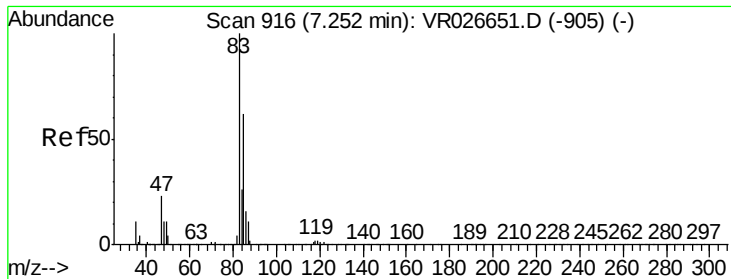


#23

Bromochloromethane
 Concen: 6.118 ug/L
 RT: 7.07 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

Tgt Ion: 128 Resp: 39122
 Ion Ratio Lower Upper
 128 100
 49 170.4 116.1 215.7
 130 110.0 80.3 149.1
 51 50.8 41.4 62.2





#25

Chloroform

Concen: 5.616 ug/L

RT: 7.25 min Scan# 916

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

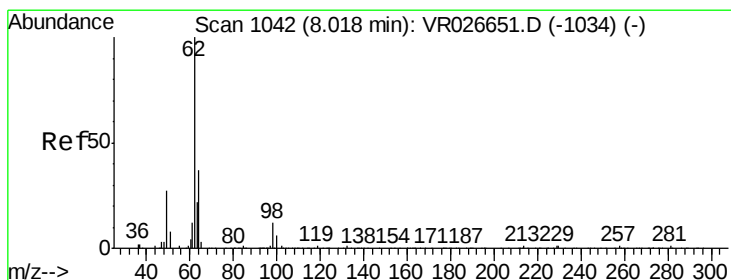
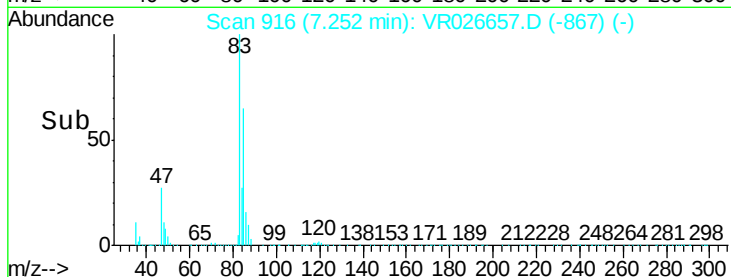
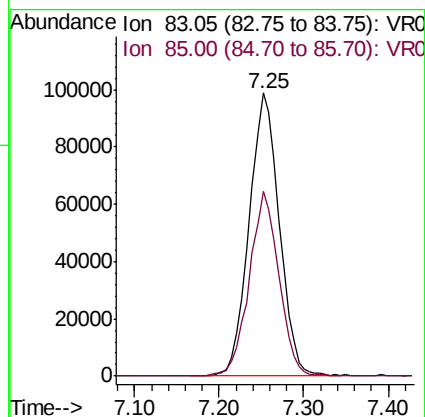
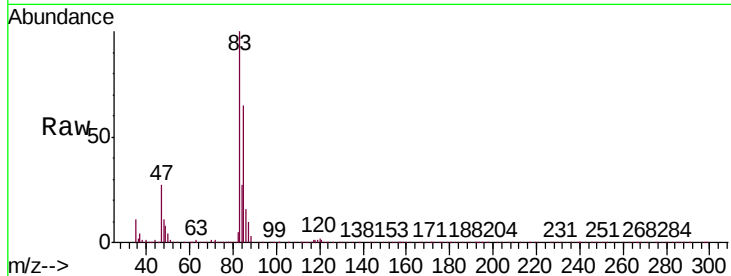
Instrument :
MSVOA_R
ClientSampled :

Tgt Ion: 83 Resp: 238481

Ion Ratio Lower Upper

83 100

85 65.2 43.3 80.5



#27

1,2-Dichloroethane

Concen: 6.360 ug/L

RT: 8.01 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VR026657.D

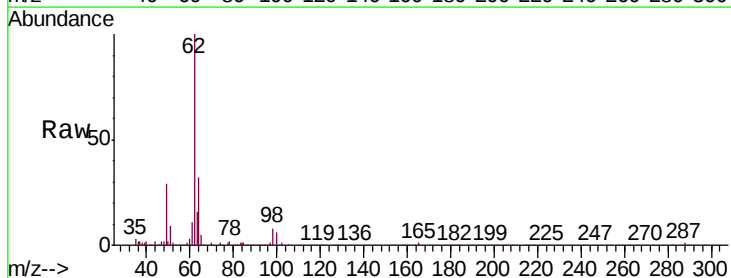
Acq: 10 Oct 2019 18:56

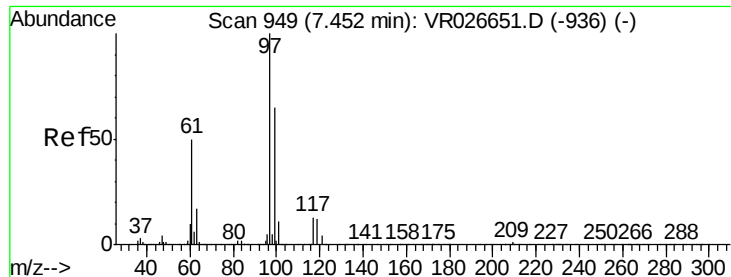
Tgt Ion: 62 Resp: 96472

Ion Ratio Lower Upper

62 100

98 7.8 9.6 14.4#





#29

1,1,1-Trichloroethane

Concen: 5.807 ug/L

RT: 7.45 min Scan# 949

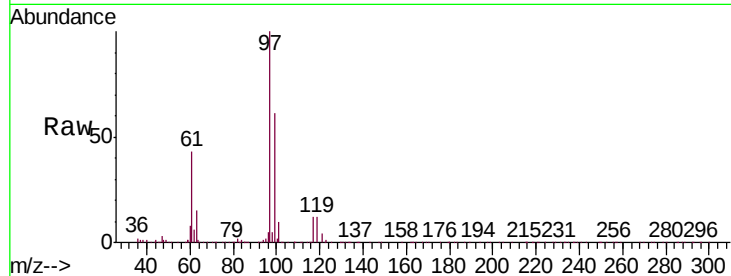
Delta R.T. 0.00 min

Lab File: VR026657.D

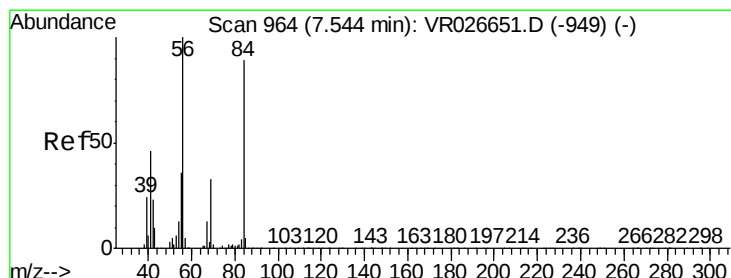
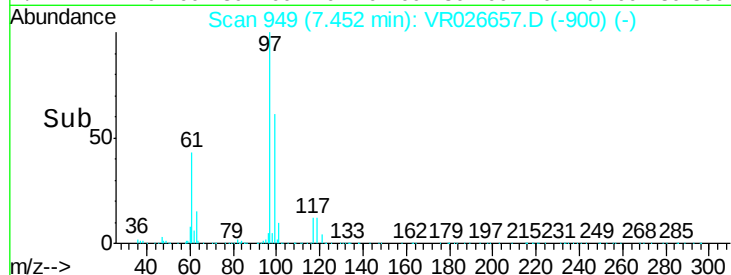
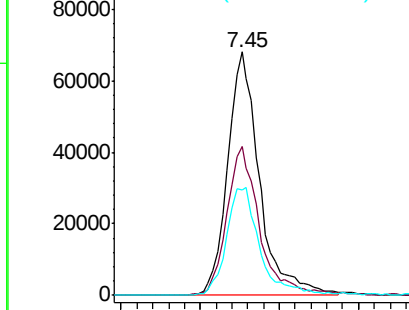
Acq: 10 Oct 2019 18:56

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion:	97	Resp:	190790
Ion	Ratio	Lower	Upper
97	100		
99	62.5	52.8	79.2
61	46.4	38.8	58.2



Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0



#30

Cyclohexane

Concen: 6.574 ug/L

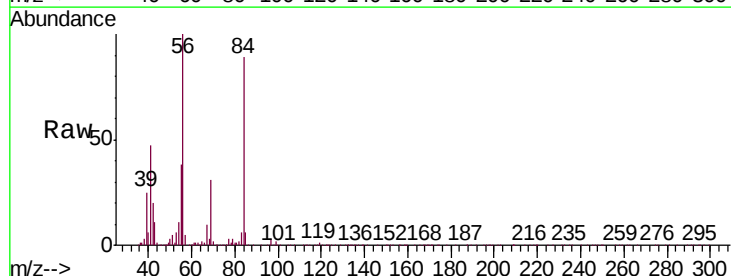
RT: 7.54 min Scan# 964

Delta R.T. 0.00 min

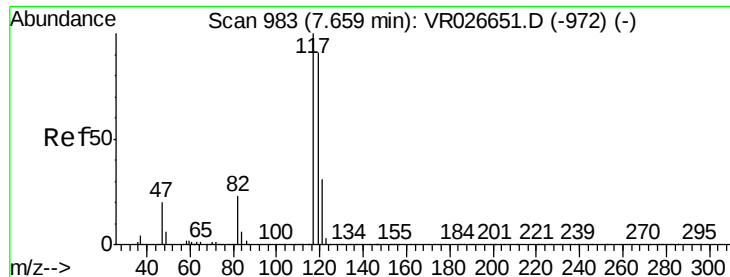
Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Tgt Ion:	56	Resp:	235749
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.9	38.9
84	86.5	66.2	99.4



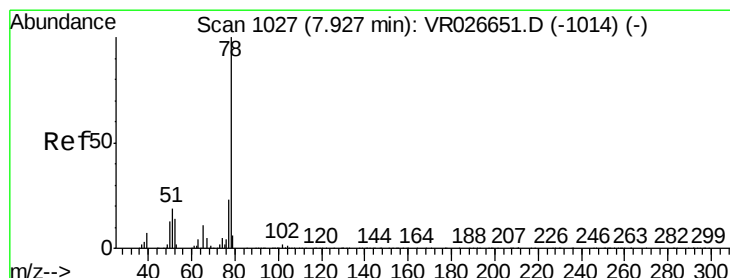
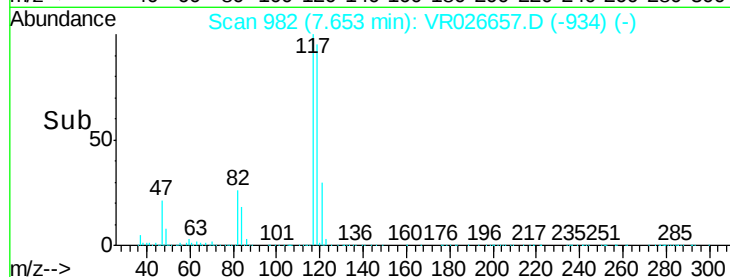
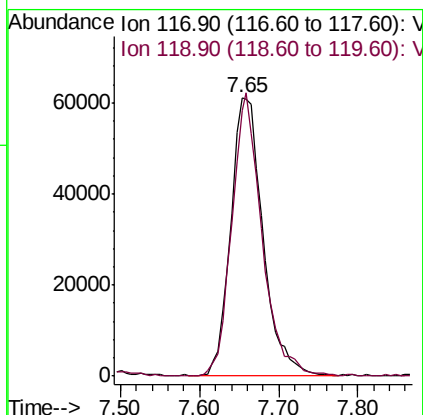
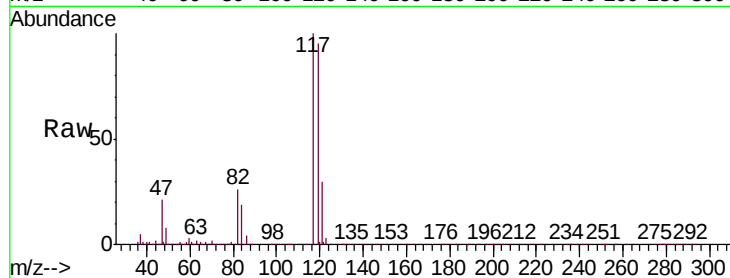
Abundance Ion 56.10 (55.80 to 56.80): VR0
Ion 69.15 (68.85 to 69.85): VR0
Ion 84.15 (83.85 to 84.85): VR0



#31
Carbon tetrachloride
Concen: 6.116 ug/L
RT: 7.65 min Scan# 982
Delta R.T. -0.01 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

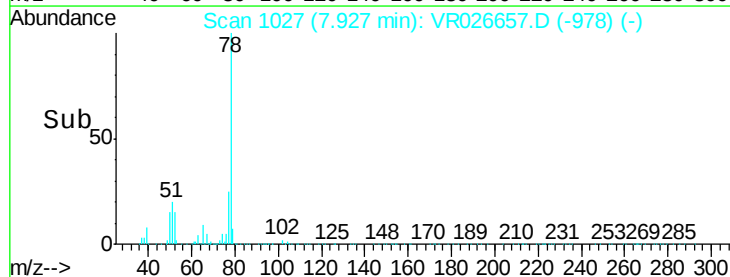
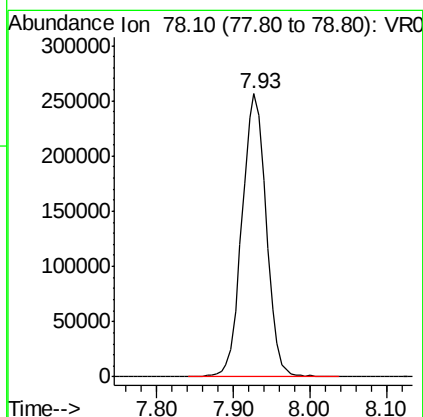
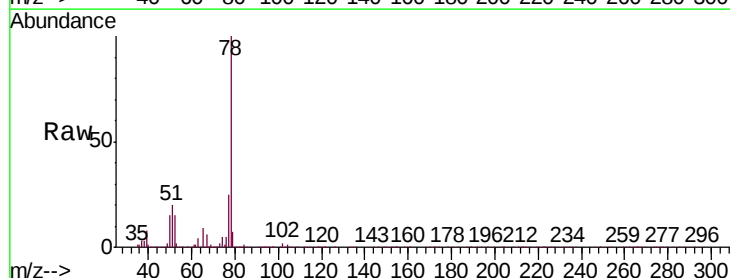
Instrument :
MSVOA_R
ClientSampleId :

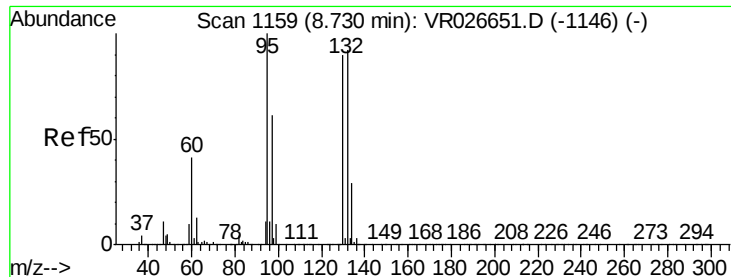
Tgt Ion:117 Resp: 174140
Ion Ratio Lower Upper
117 100
119 94.8 76.6 114.8



#33
Benzene
Concen: 6.105 ug/L
RT: 7.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Tgt Ion: 78 Resp: 563196

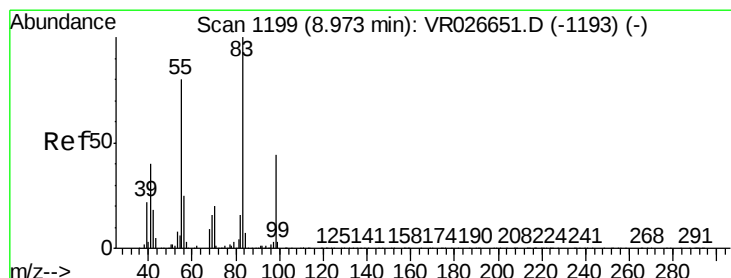
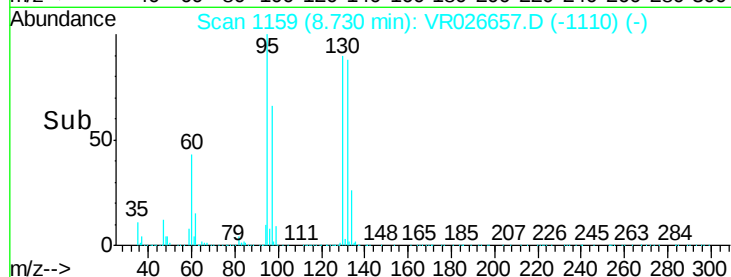
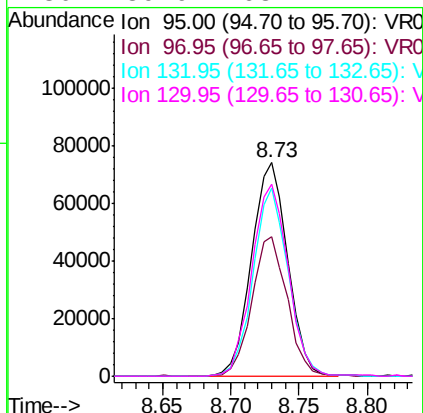
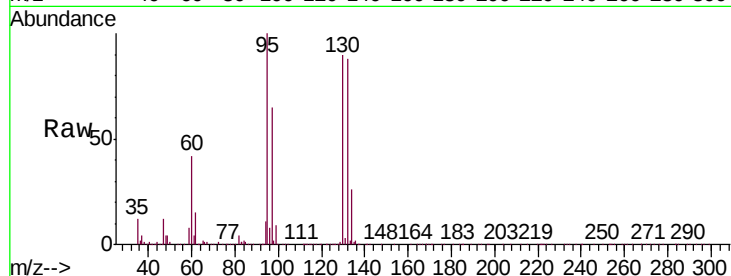




#34
 Trichloroethene
 Concen: 6.020 ug/L
 RT: 8.73 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

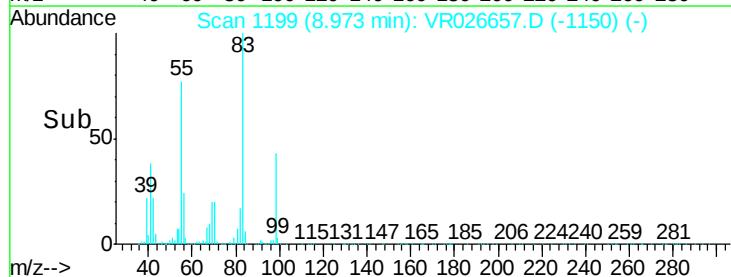
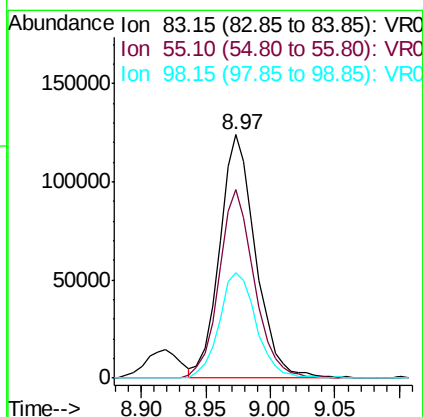
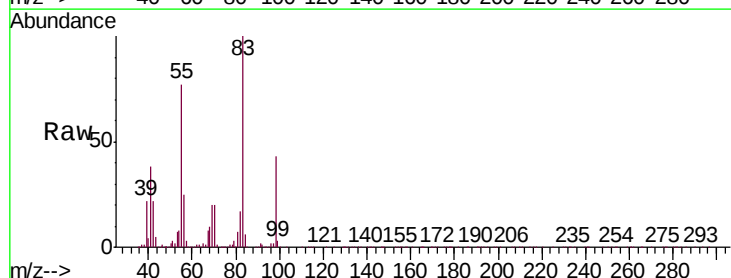
Instrument :
 MSVOA_R
 ClientSampleId :

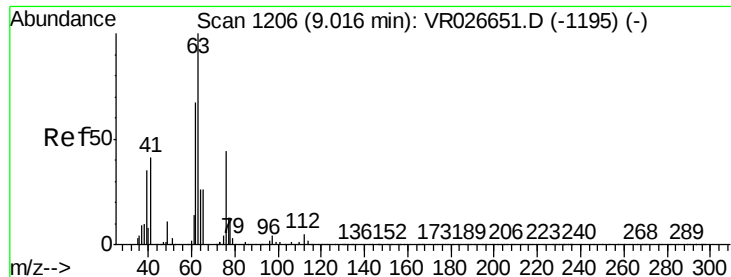
Tgt Ion	Resp	Lower	Upper
95	137850		
97	65.4	43.0	79.8
132	87.9	64.6	120.0
130	89.9	63.2	117.4



#35
 Methylcyclohexane
 Concen: 6.841 ug/L
 RT: 8.97 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

Tgt Ion	Resp	Lower	Upper
83	240353		
55	76.9	61.3	91.9
98	45.0	34.3	51.5





#37

1,2-Dichloropropane

Concen: 5.930 ug/L

RT: 9.02 min Scan# 1206

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

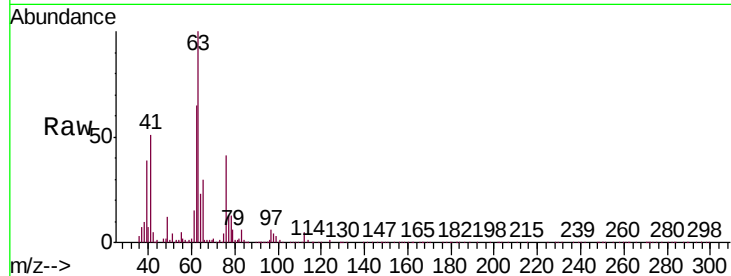
Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 63 Resp: 108771

Ion Ratio Lower Upper

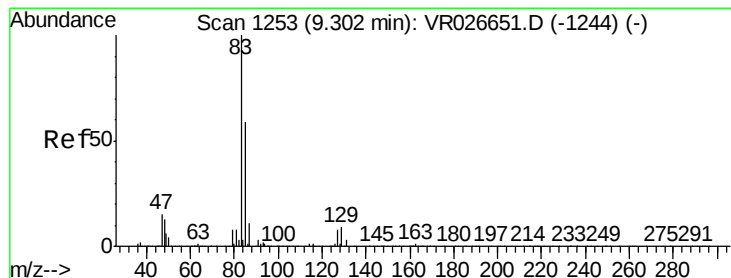
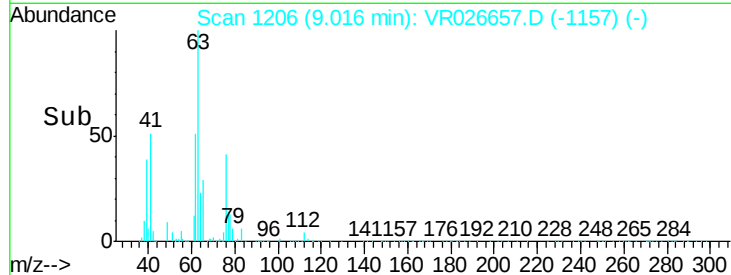
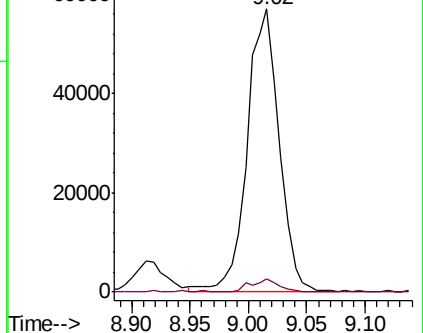
63 100

112 4.3 3.6 5.4



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 5.910 ug/L

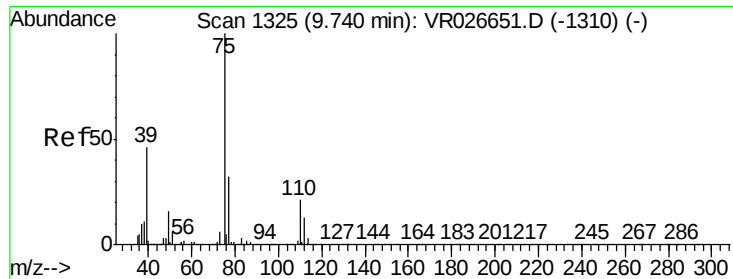
RT: 9.30 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

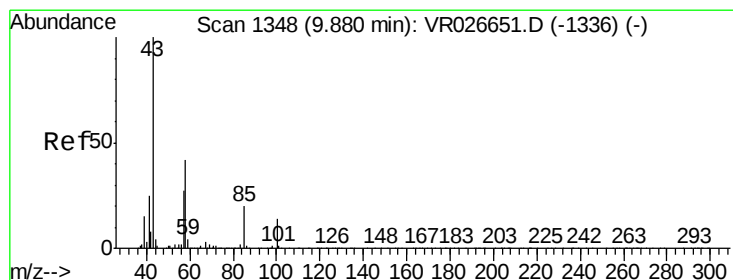
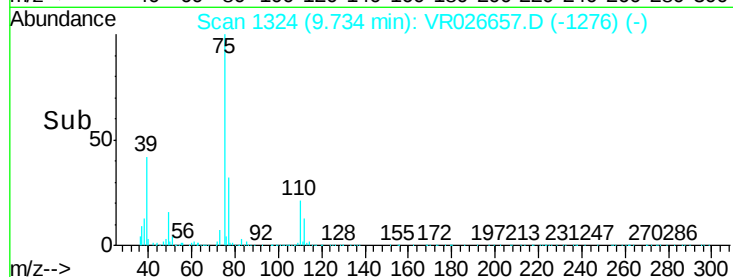
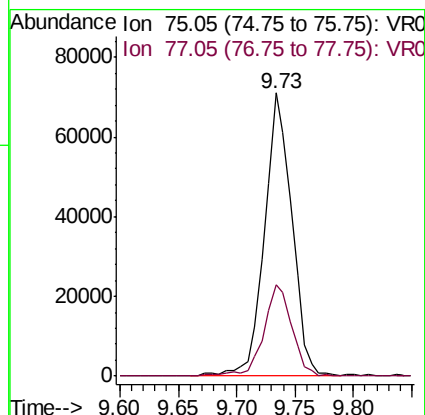
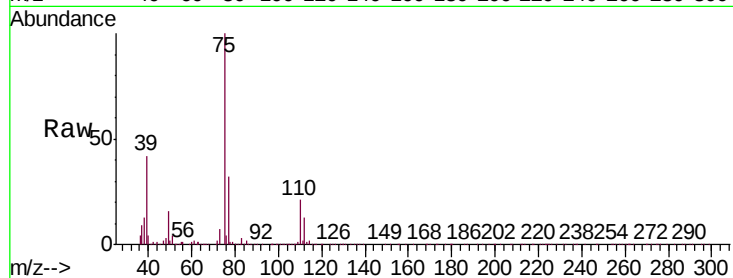
Tgt Ion: 83 Resp: 117116



#39
 cis-1,3-Dichloropropene
 Concen: 5.919 ug/L
 RT: 9.73 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

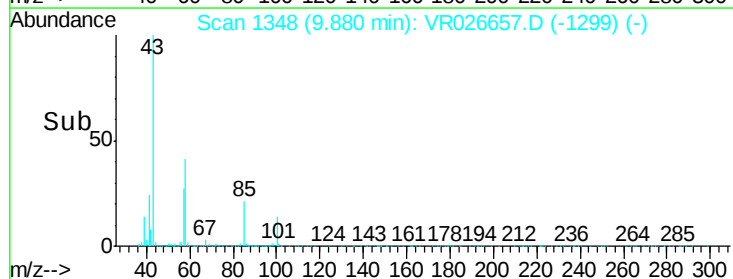
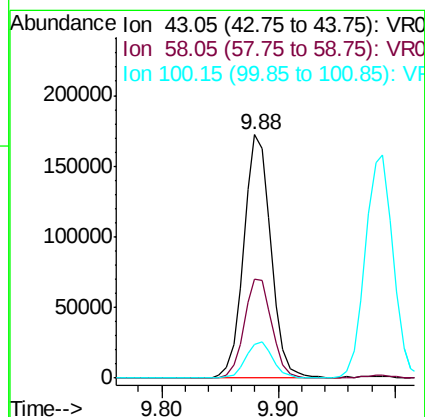
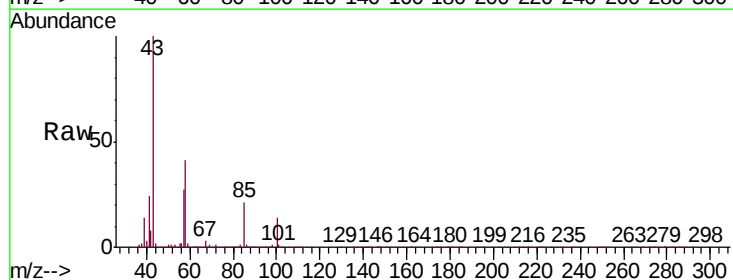
Instrument :
 MSVOA_R
 ClientSampleId :

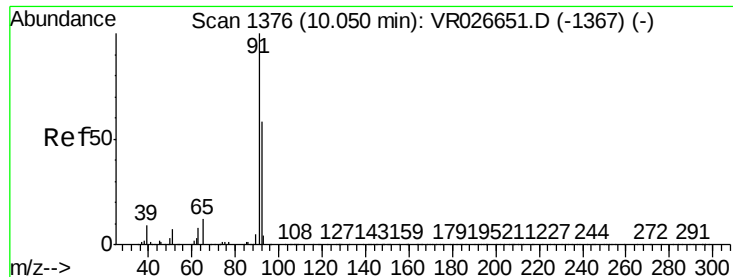
Tgt Ion: 75 Resp: 115129
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 61.916 ug/L
 RT: 9.88 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

Tgt Ion: 43 Resp: 279014
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.4 48.6
 100 15.0 12.9 19.3





#42

Toluene

Concen: 6.698 ug/L

RT: 10.05 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

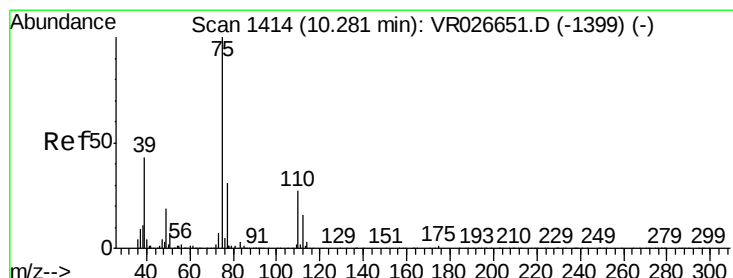
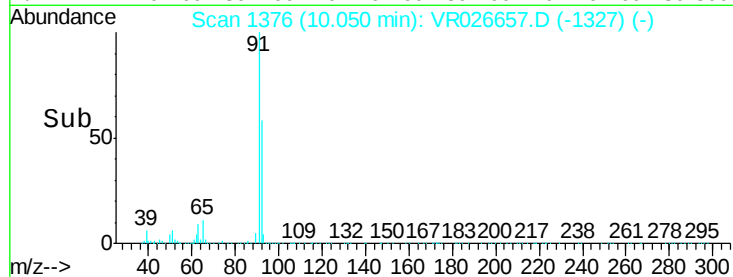
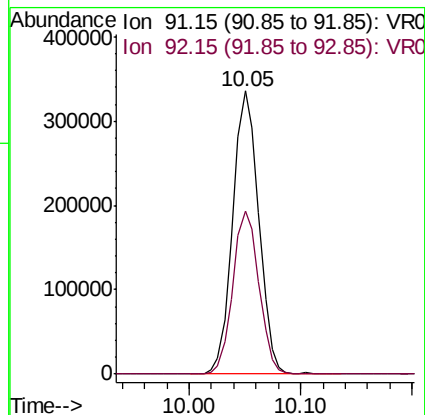
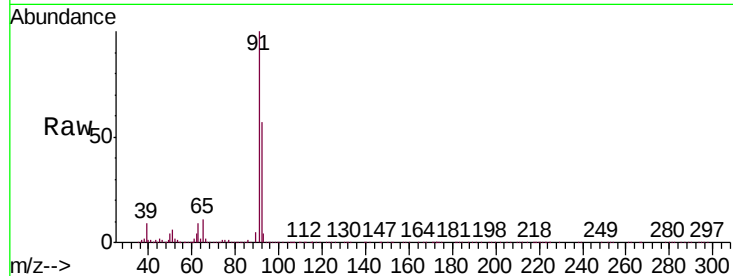
ClientSampleId :

Tgt Ion: 91 Resp: 543274

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.852 ug/L

RT: 10.28 min Scan# 1414

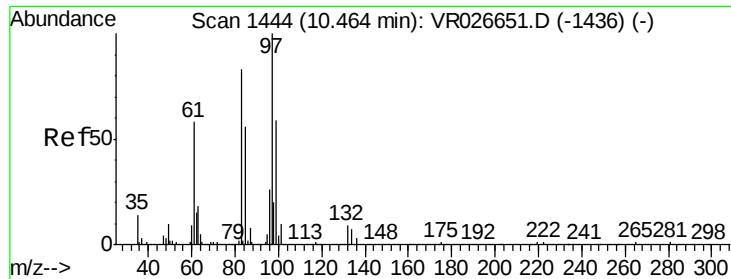
Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Tgt Ion: 75 Resp: 74392

Ion Ratio Lower Upper



#45

1,1,2-Trichloroethane

Concen: 5.916 ug/L

RT: 10.46 min Scan# 1443

Delta R.T. -0.01 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion: 97 Resp: 46920

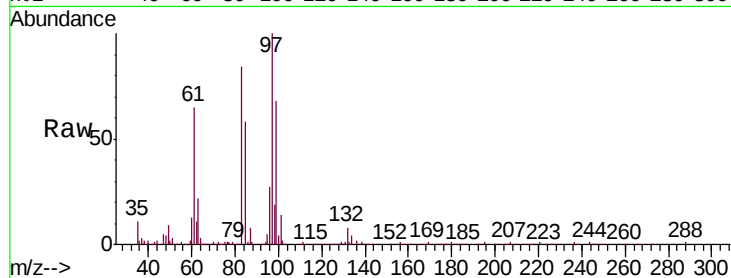
Ion Ratio Lower Upper

97 100

99 68.1 41.3 76.7

83 83.9 58.2 108.2

85 57.7 39.5 73.3

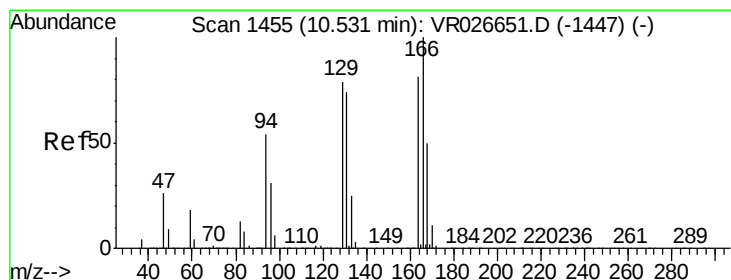
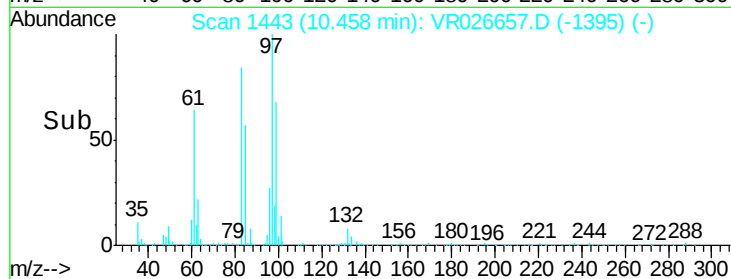
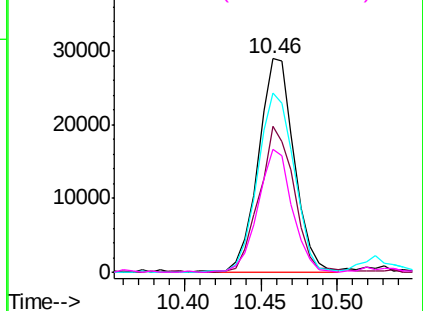


Abundance Ion 96.95 (96.65 to 97.65): VR0

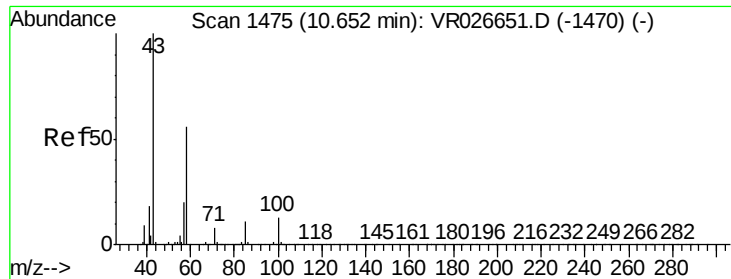
Ion 99.05 (98.75 to 99.75): VR0

Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0



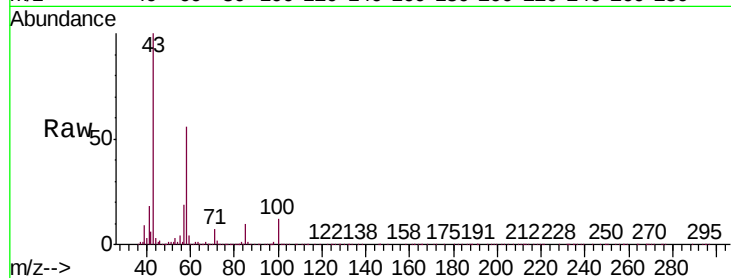
#47



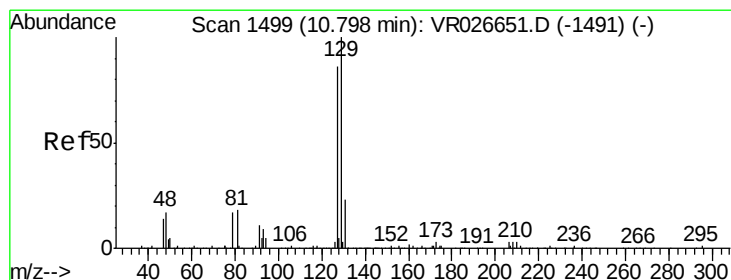
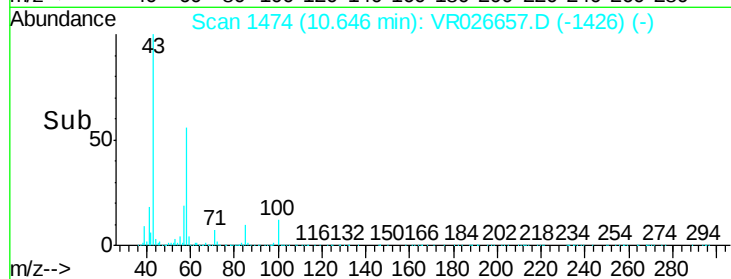
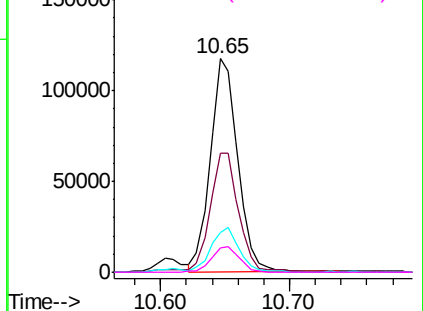
#48
2-Hexanone
Concen: 61.215 ug/L
RT: 10.65 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion:	43	Resp:	176040
Ion	Ratio	Lower	Upper
43	100		
58	59.2	47.0	70.4
57	21.2	16.8	25.2
100	12.9	10.3	15.5

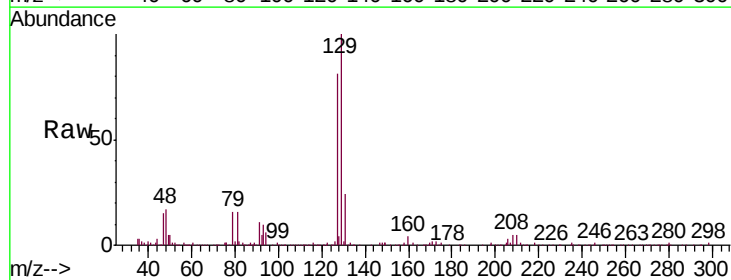


Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0
Ion 57.20 (56.90 to 57.90): VR0
Ion 100.15 (99.85 to 100.85): VR0

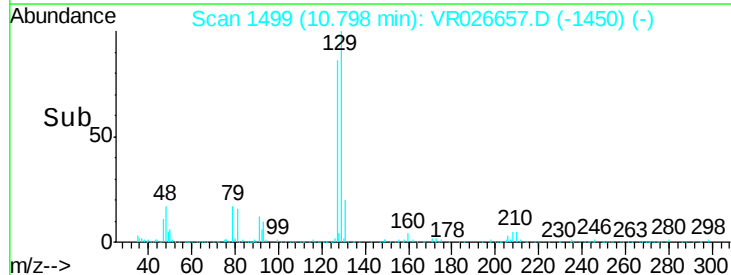
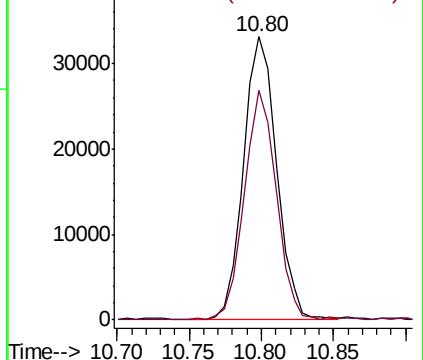


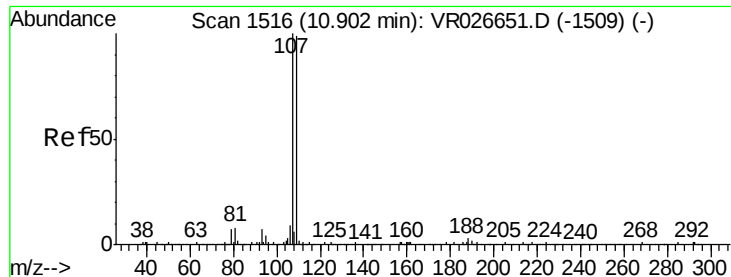
#49
Dibromochloromethane
Concen: 6.085 ug/L
RT: 10.80 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Tgt Ion:	129	Resp:	52644
Ion	Ratio	Lower	Upper
129	100		
127	81.2	60.2	111.8



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

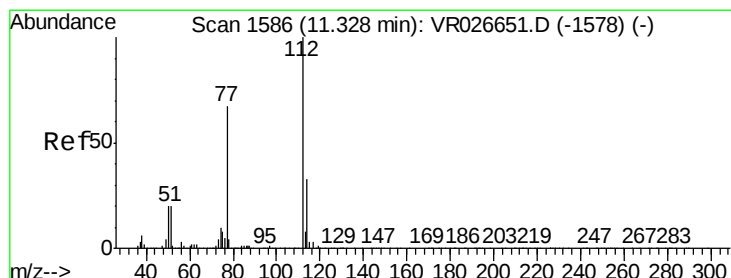
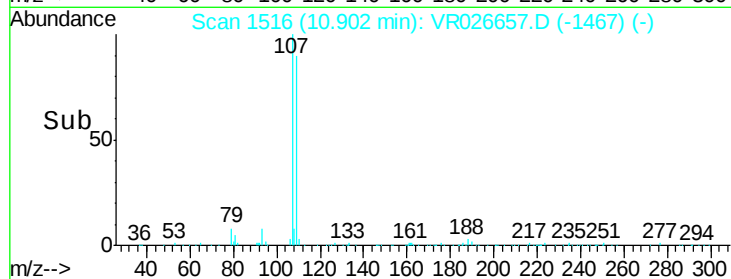
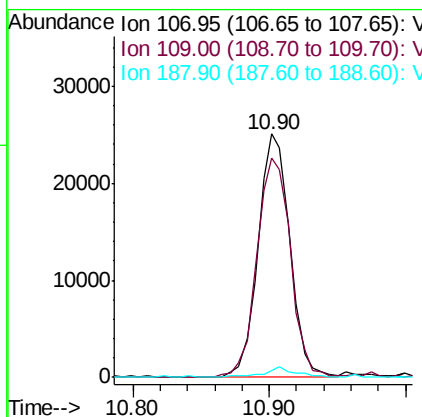
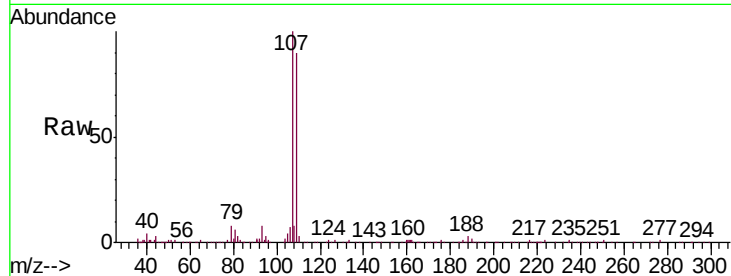




#50
1,2-Dibromoethane
Concen: 5.987 ug/L
RT: 10.90 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

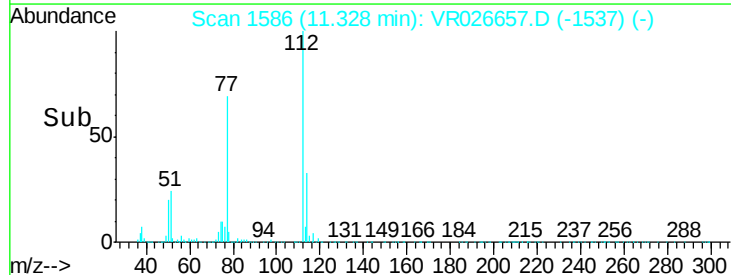
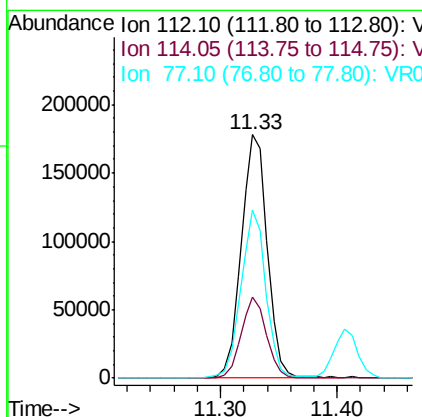
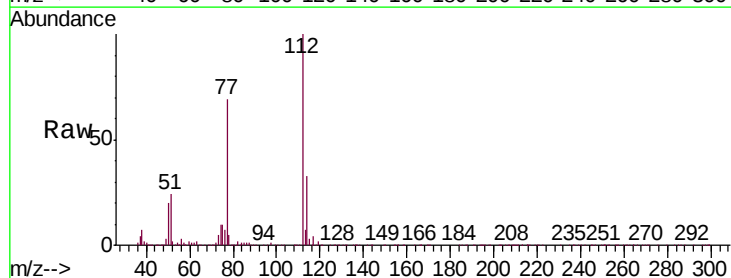
Instrument :
MSVOA_R
ClientSampleId :

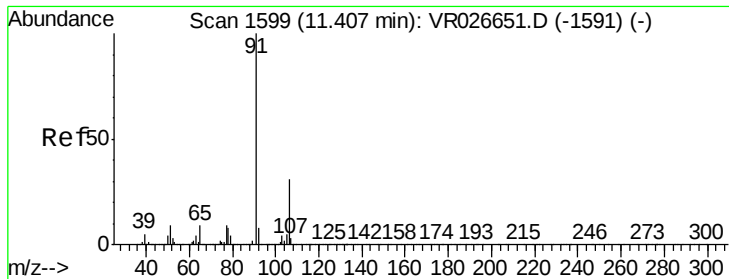
Tgt Ion:107 Resp: 41178
Ion Ratio Lower Upper
107 100
109 90.3 69.4 128.8
188 2.8 2.1 3.1



#51
Chlorobenzene
Concen: 5.890 ug/L
RT: 11.33 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Tgt Ion:112 Resp: 276328
Ion Ratio Lower Upper
112 100
114 33.2 22.9 42.5
77 68.8 53.4 80.0





#52

Ethylbenzene

Concen: 6.328 ug/L

RT: 11.41 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

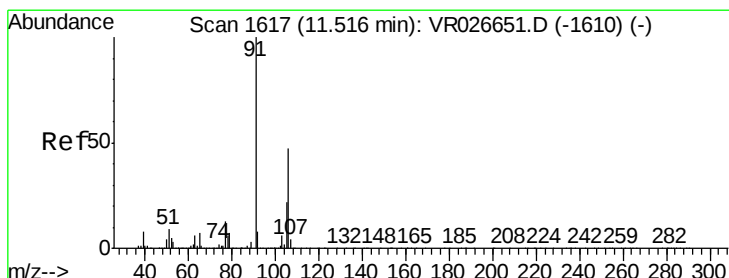
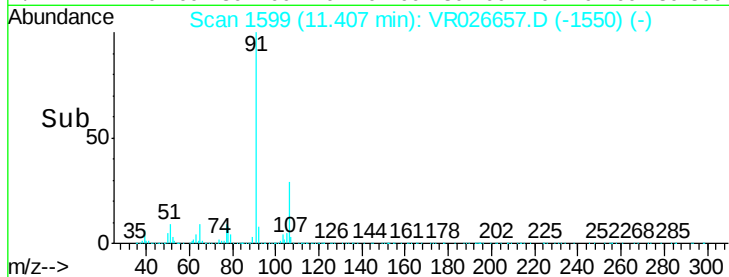
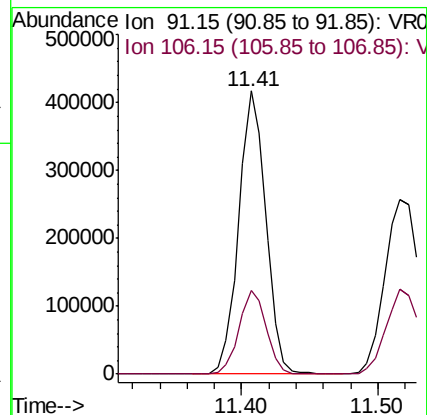
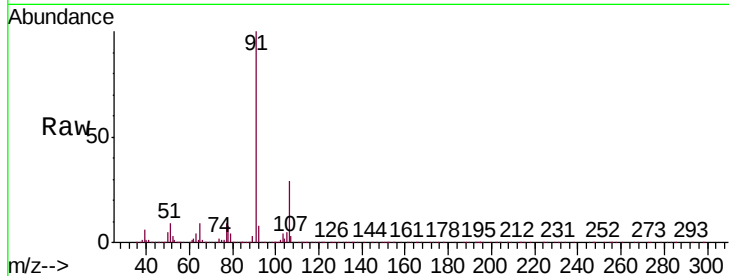
ClientSampleId :

Tgt Ion: 91 Resp: 577898

Ion Ratio Lower Upper

91 100

106 29.4 21.6 40.2



#53

m,p-Xylene

Concen: 6.415 ug/L

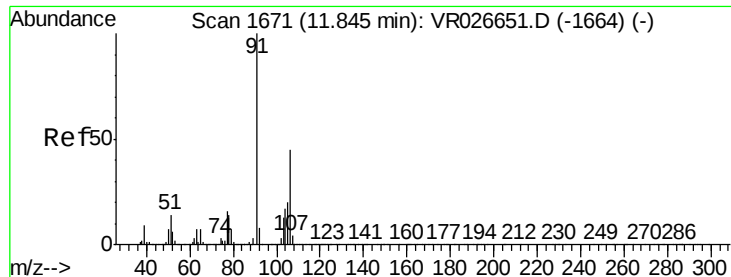
RT: 11.52 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

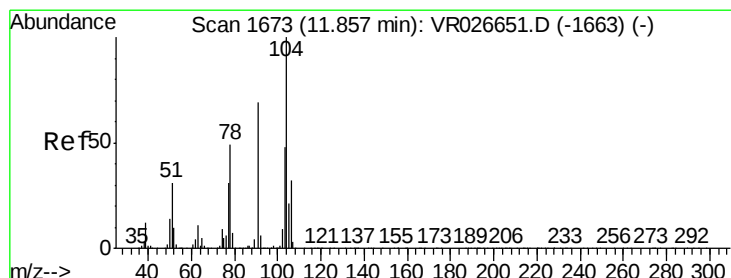
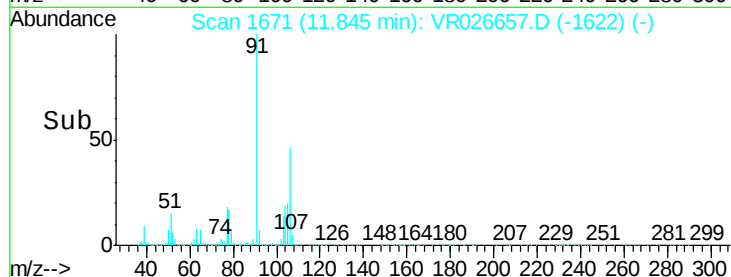
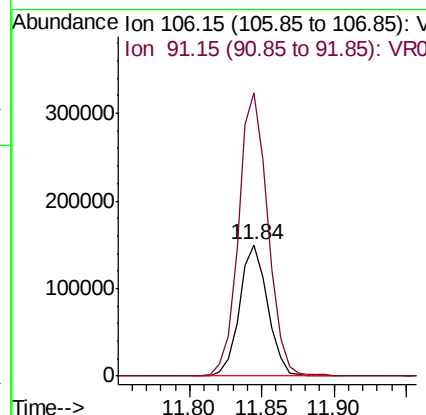
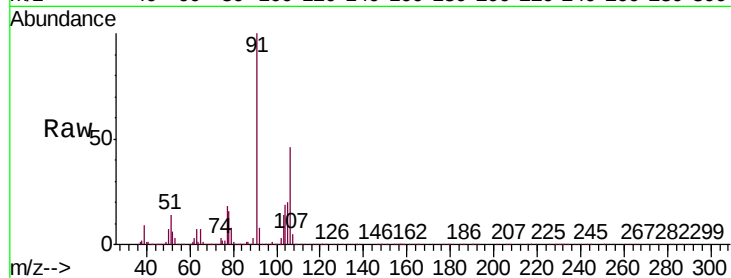
Tgt Ion: 106 Resp: 211179



#54
o-Xylene
Concen: 6.346 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

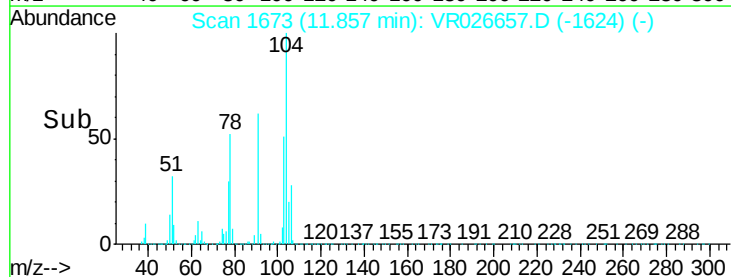
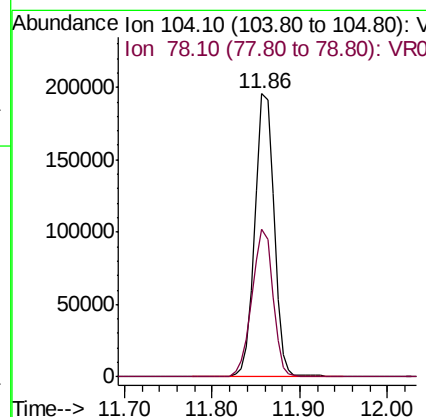
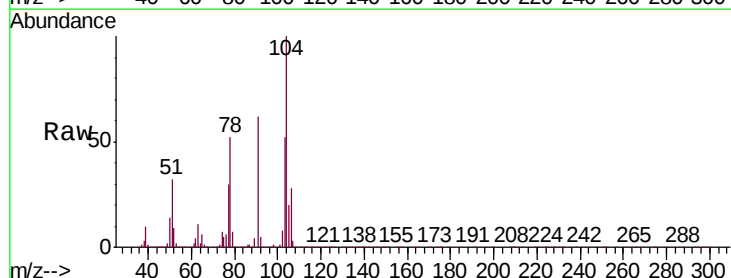
Instrument :
MSVOA_R
ClientSampleId :

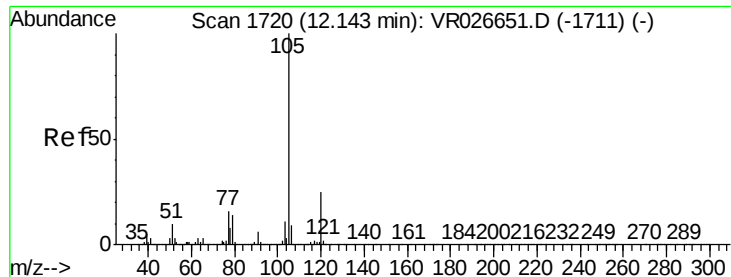
Tgt Ion:106 Resp: 204626
Ion Ratio Lower Upper
106 100
91 215.5 156.4 290.6



#55
Styrene
Concen: 6.430 ug/L
RT: 11.86 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VR026657.D
Acq: 10 Oct 2019 18:56

Tgt Ion:104 Resp: 296946
Ion Ratio Lower Upper
104 100
78 52.1 34.5 64.1





#56

Isopropylbenzene

Concen: 6.508 ug/L

RT: 12.14 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VR026657.D

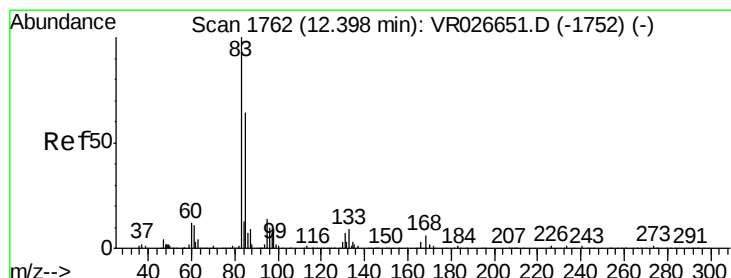
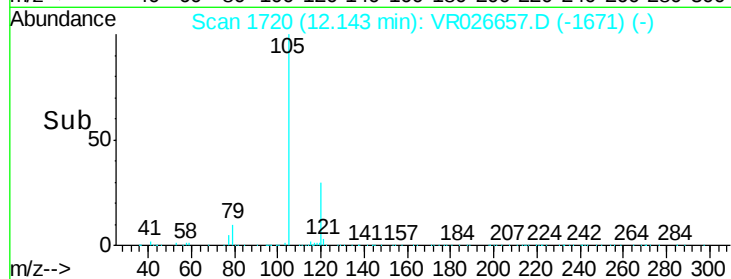
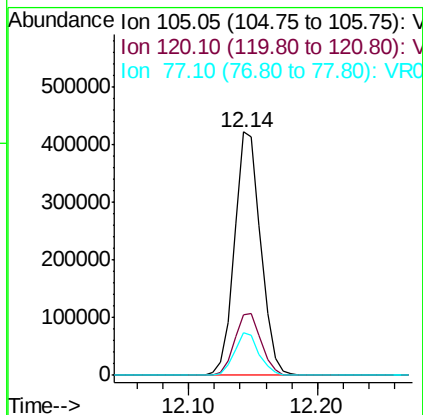
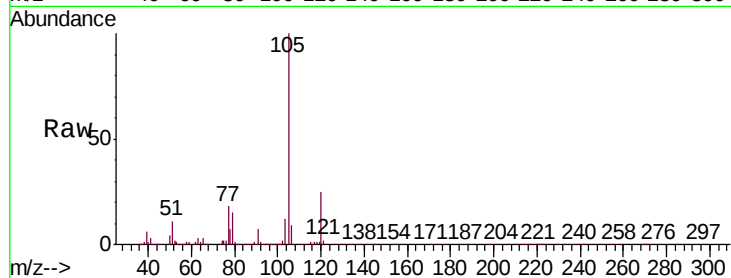
Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

ClientSampled :

Tgt Ion:	105	Resp:	594275
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.6	31.0
77	16.7	13.6	20.4



#58

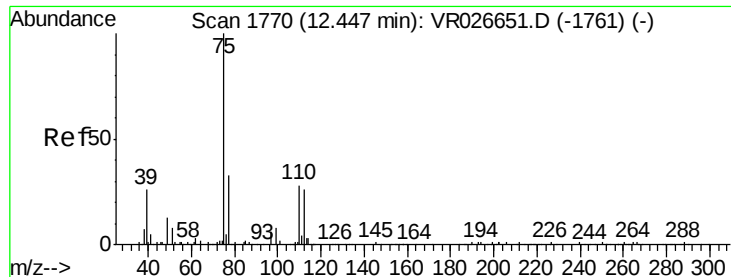
1,1,2,2-Tetrachloroethane

Concen: 5.718 ug/L

RT: 12.40 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VR026657.D



#59

1,2,3-Trichloropropane

Concen: 5.787 ug/L

RT: 12.45 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

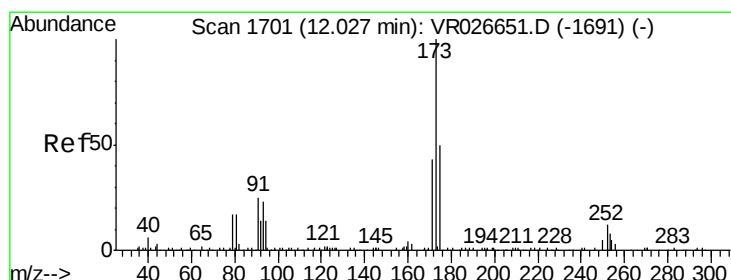
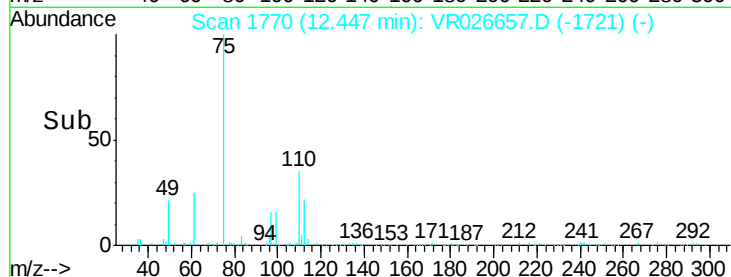
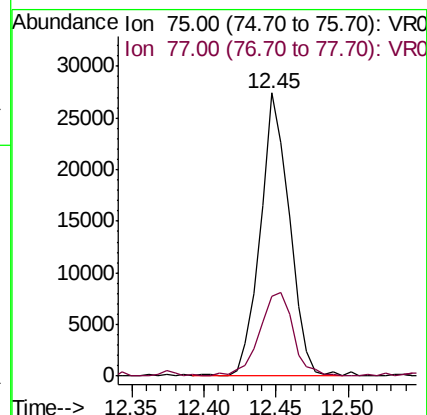
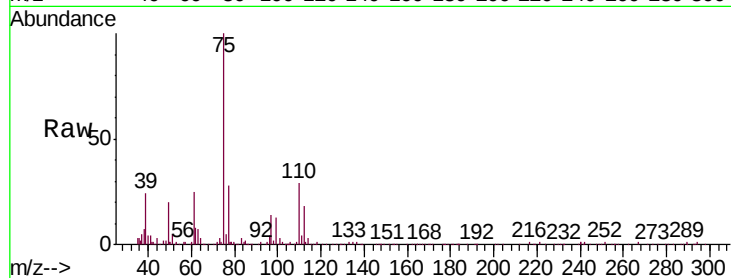
ClientSampled :

Tgt Ion: 75 Resp: 37991

Ion Ratio Lower Upper

75 100

77 34.6 26.5 39.7



#61

Bromoform

Concen: 5.173 ug/L

RT: 12.02 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

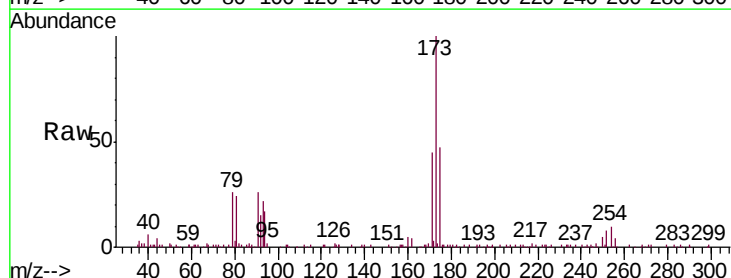
Tgt Ion: 173 Resp: 21413

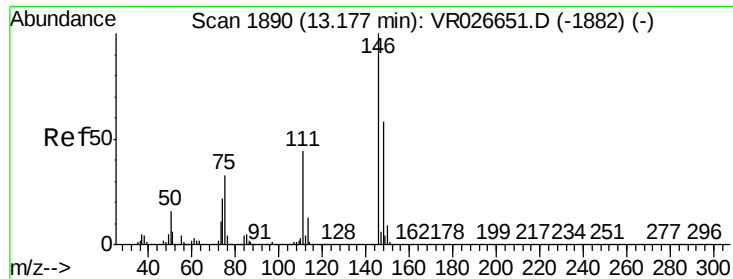
Ion Ratio Lower Upper

173 100

175 50.9 38.6 57.8

254 11.2 11.3 16.9#





#62

1,3-Dichlorobenzene

Concen: 5.294 ug/L

RT: 13.18 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VR026657.D

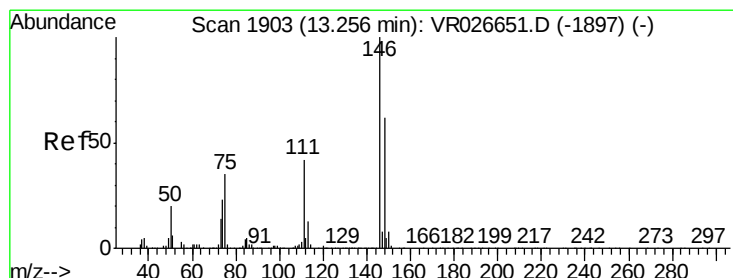
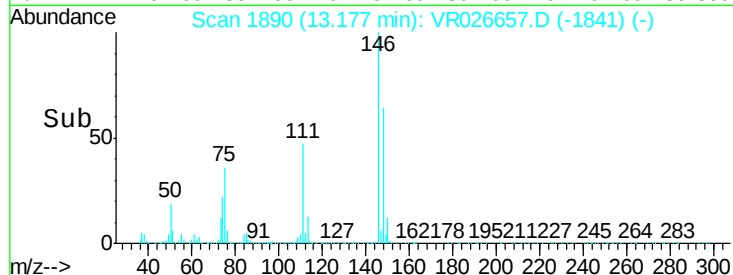
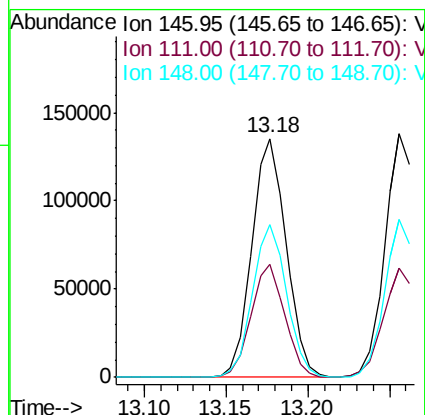
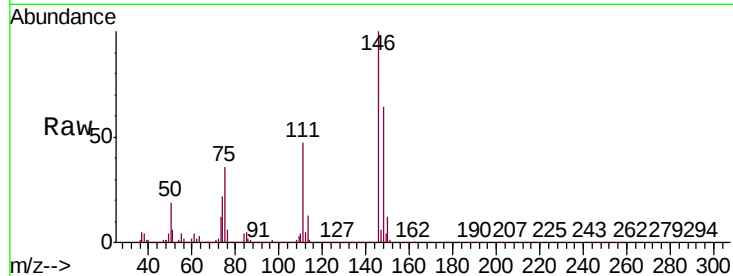
Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

ClientSampled :

Tgt Ion:	146	Resp:	198895
Ion	Ratio	Lower	Upper
146	100		
111	47.4	31.0	57.6
148	64.0	40.9	75.9



#63

1,4-Dichlorobenzene

Concen: 5.187 ug/L

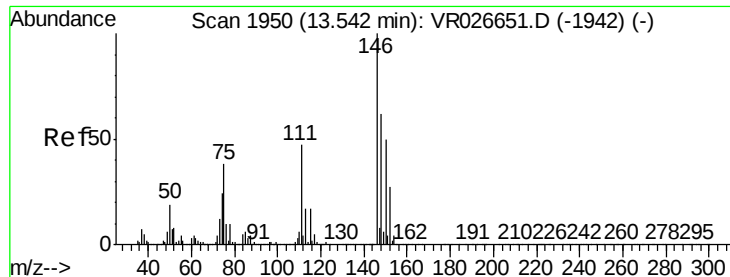
RT: 13.26 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

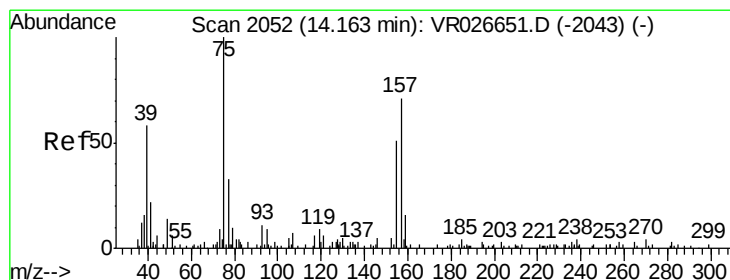
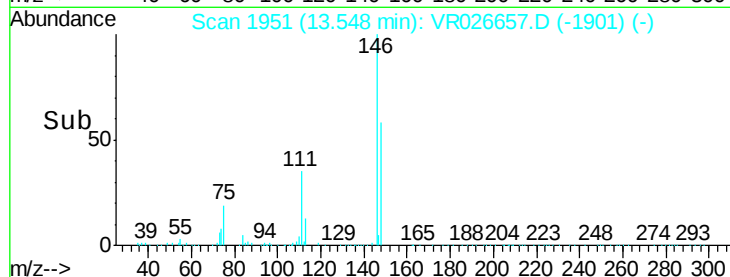
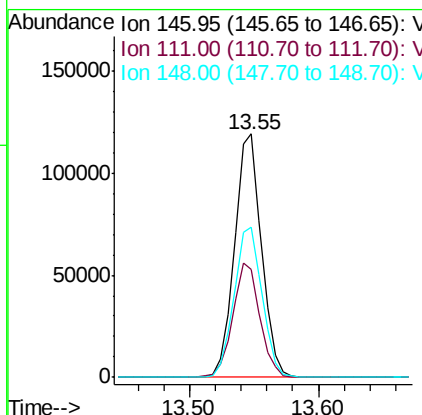
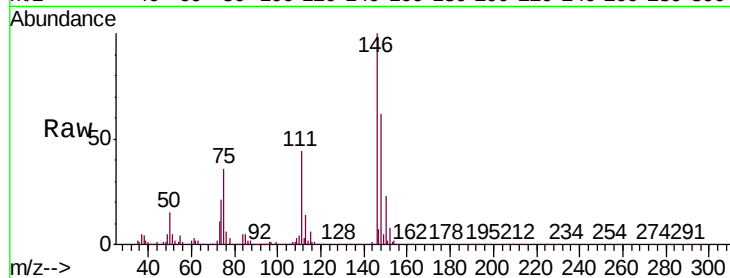
Tgt Ion:	146	Resp:	194635
Ion	Ratio	Lower	Upper
146	100		



#65
 1,2-Dichlorobenzene
 Concen: 5.463 ug/L
 RT: 13.55 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

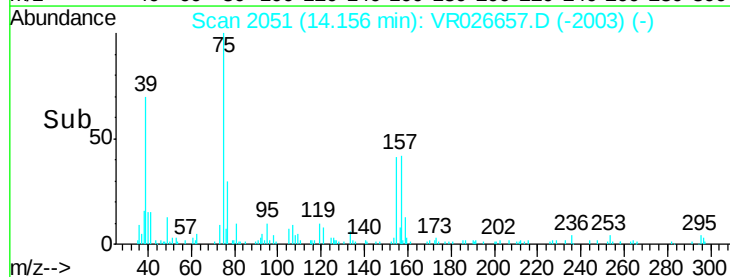
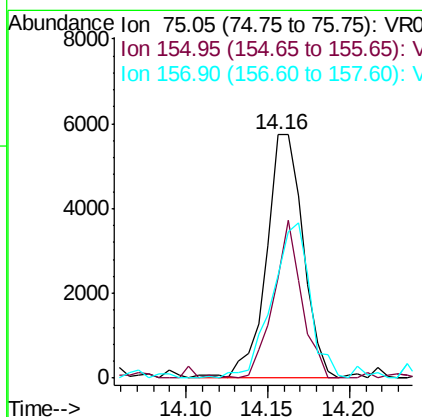
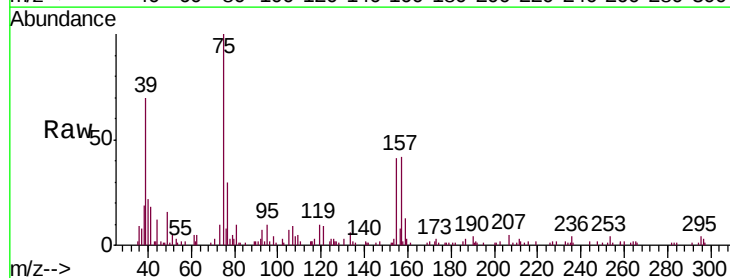
Instrument :
 MSVOA_R
 ClientSampleId :

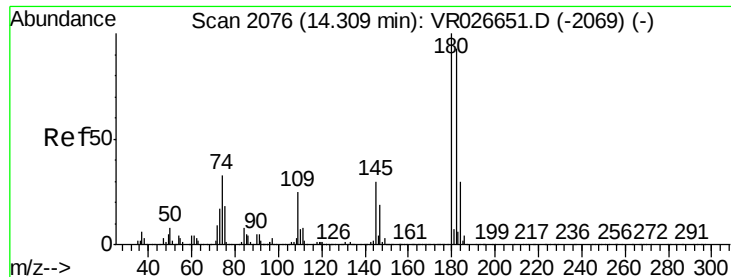
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	37.4	56.2
148	61.7	49.6	74.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.599 ug/L
 RT: 14.16 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	41.3	41.8	62.8#
157	44.1	56.5	84.7#

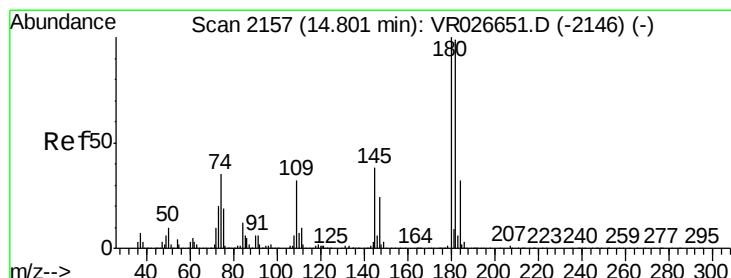
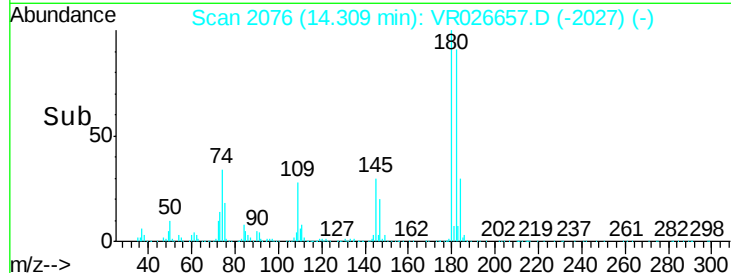
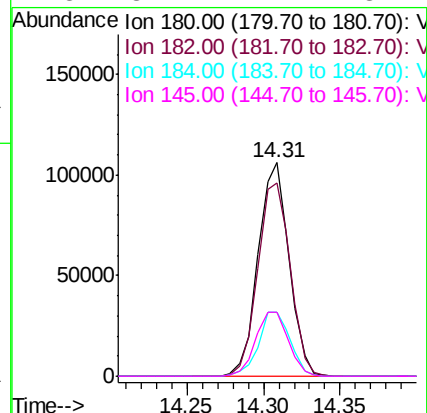
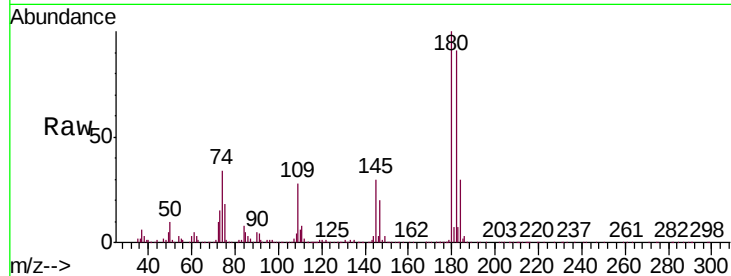




#67
 1,3,5-Trichlorobenzene
 Concen: 4.966 ug/L
 RT: 14.31 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

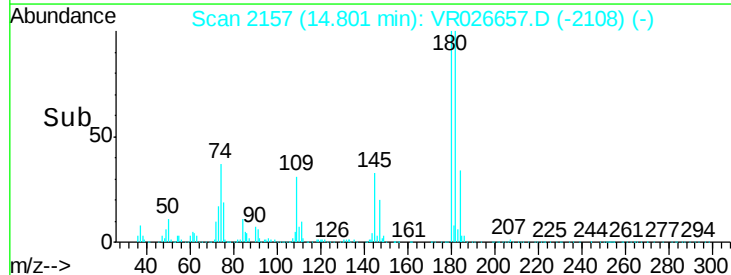
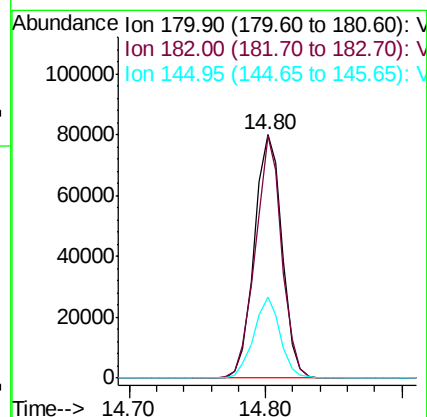
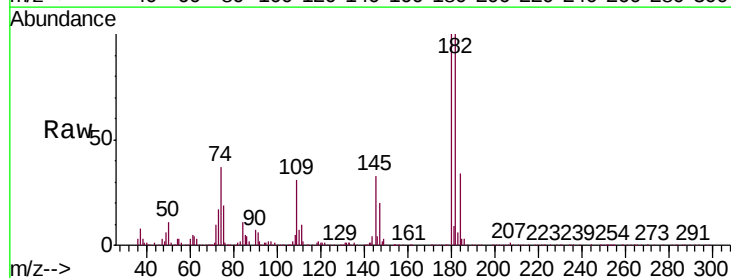
Instrument :
 MSVOA_R
 ClientSampleId :

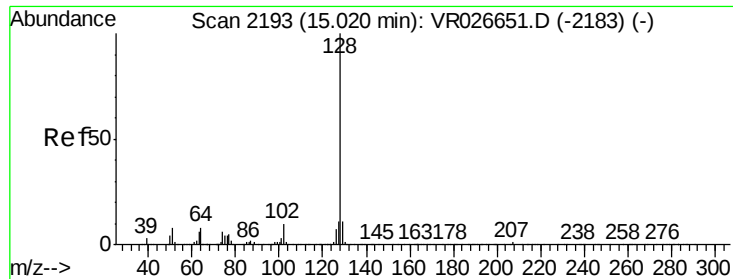
Tgt Ion:	180	Resp:	149056
Ion	Ratio	Lower	Upper
180	100		
182	94.9	72.5	108.7
184	30.6	22.7	34.1
145	32.2	24.7	37.1



#68
 1,2,4-trichlorobenzene
 Concen: 5.419 ug/L
 RT: 14.80 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: VR026657.D
 Acq: 10 Oct 2019 18:56

Tgt Ion:	180	Resp:	114134
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	31.9	27.0	40.6





#69

Naphthalene

Concen: 5.112 ug/L

RT: 15.02 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VR026657.D

Acq: 10 Oct 2019 18:56

Instrument :

MSVOA_R

ClientSampleId :

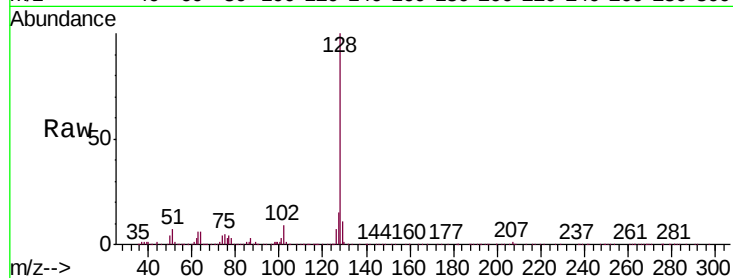
Tgt Ion:128 Resp: 140551

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

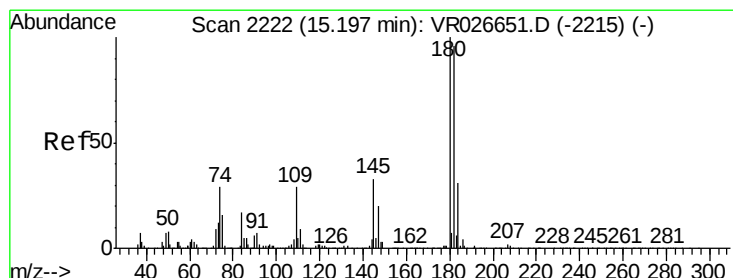
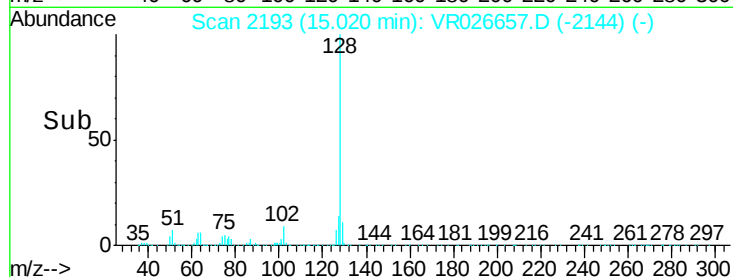
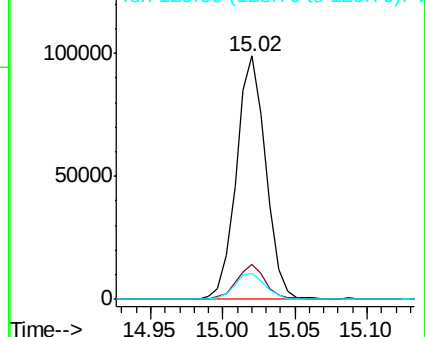
129 11.4 8.4 12.6



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: 5.688 ug/L

RT: 15.20 min Scan# 2222

Delta R.T. 0.00 min

Lab File: VR026657.D