

Data File : VR026255.D
Acq On : 21 Nov 2018 11:37
Operator : SY/MD
Sample : VSTD0.596
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.596

Quant Time: Nov 27 06:10:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 27 06:08:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	569132	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	473489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	169099	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	30334	0.60	ug/L	0.00
7) Chloroethane-d5	2.63	69	25504	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	72375	0.59	ug/L	-0.02
20) 2-Butanone-d5	6.59	46	17604	4.58	ug/L	0.00
24) Chloroform-d	7.20	84	49368	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	17869	0.53	ug/L	0.00
32) Benzene-d6	7.85	84	82227	0.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	23168	0.56	ug/L	0.00
41) Toluene-d8	9.97	98	71915	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	5501	0.49	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	9464	3.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	9318	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	15360	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	22883	0.585 ug/L #	88
3) Chloromethane	2.02	50	34859	0.646 ug/L	96
5) Vinyl chloride	2.16	62	33818	0.634 ug/L	94
6) Bromomethane	2.52	94	23195	0.650 ug/L	90
8) Chloroethane	2.65	64	21437	0.642 ug/L	96
9) Trichlorofluoromethane	2.95	101	28283	0.334 ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	29485	0.627 ug/L	92
12) 1,1-Dichloroethene	3.63	96	31362	0.617 ug/L #	60
13) Acetone	3.70	43	17379	4.940 ug/L	87
14) Carbon disulfide	3.93	76	75873	0.591 ug/L	95
15) Methyl Acetate	4.20	43	5839	0.613 ug/L #	89
16) Methylene chloride	4.41	84	32273	0.695 ug/L	95
17) Methyl tert-butyl Ether	4.90	73	28488	0.565 ug/L	96
18) trans-1,2-Dichloroethene	4.88	96	24514	0.569 ug/L	89
19) 1,1-Dichloroethane	5.69	63	45806	0.584 ug/L	95
21) 2-Butanone	6.69	43	22616	5.039 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	19271	0.501 ug/L #	75
23) Bromochloromethane	7.05	128	7407	0.620 ug/L	94
25) Chloroform	7.23	83	57941	0.669 ug/L	99
27) 1,2-Dichloroethane	7.99	62	21728	0.609 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	37079	0.566 ug/L	94
30) Cyclohexane	7.52	56	23692	0.421 ug/L #	90
31) Carbon tetrachloride	7.64	117	32042	0.545 ug/L	94
33) Benzene	7.91	78	93009	0.542 ug/L	100
34) Trichloroethene	8.71	95	25459	0.571 ug/L	90
35) Methylcyclohexane	8.95	83	27395	0.455 ug/L	87
37) 1,2-Dichloropropane	8.99	63	20141	0.562 ug/L	99
38) Bromodichloromethane	9.28	83	23906	0.565 ug/L #	95
39) cis-1,3-Dichloropropene	9.72	75	19025	0.472 ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	47048	4.586 ug/L	97

Data File : VR026255.D
Acq On : 21 Nov 2018 11:37
Operator : SY/MD
Sample : VSTD0.596
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.596

Quant Time: Nov 27 06:10:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 27 06:08:04 2018
Response via : Initial Calibration

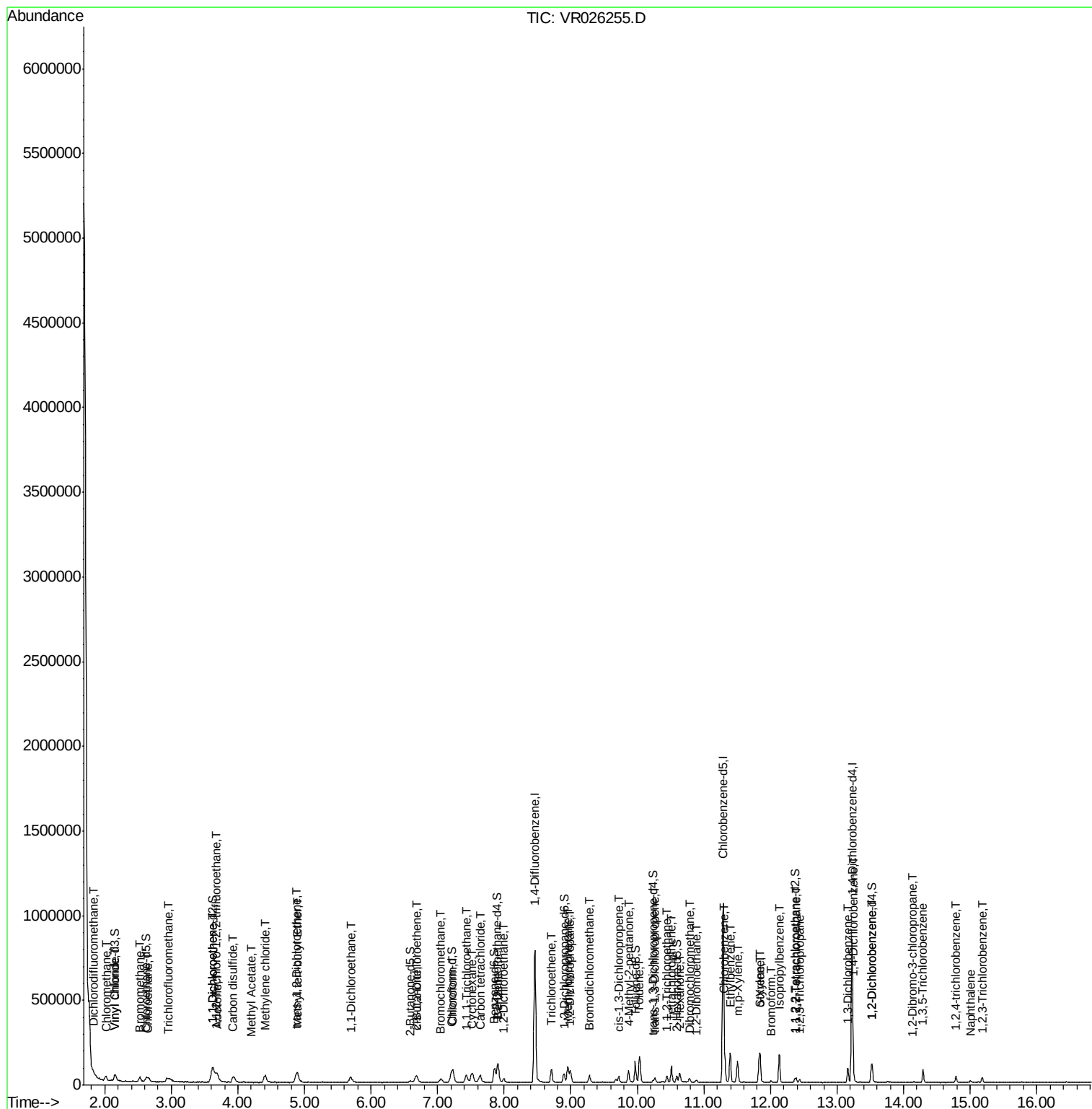
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	99788	0.536	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	12683	0.465	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	9380	0.588	ug/L	92
47) Tetrachloroethene	10.51	164	18229	0.567	ug/L	96
48) 2-Hexanone	10.64	43	31660	4.611	ug/L #	93
49) Dibromochloromethane	10.79	129	10225	0.533	ug/L	88
50) 1,2-Dibromoethane	10.89	107	6996	0.523	ug/L #	95
51) Chlorobenzene	11.32	112	59785	0.578	ug/L	97
52) Ethylbenzene	11.39	91	104583	0.508	ug/L	98
53) m,p-Xylene	11.51	106	33648	0.449	ug/L	96
54) o-Xylene	11.83	106	29783	0.439	ug/L	85
55) Styrene	11.84	104	50520	0.467	ug/L	98
56) Isopropylbenzene	12.13	105	84324	0.447	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.39	83	8504	0.558	ug/L #	88
59) 1,2,3-Trichloropropane	12.43	75	6653	0.596	ug/L #	85
61) Bromoform	12.01	173	3537	0.533	ug/L	93
62) 1,3-Dichlorobenzene	13.16	146	30298	0.564	ug/L	84
63) 1,4-Dichlorobenzene	13.24	146	36902	0.624	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	24794	0.560	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	736	0.490	ug/L #	50
67) 1,3,5-Trichlorobenzene	14.30	180	18583	0.554	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	9870	0.530	ug/L	92
69) Naphthalene	15.00	128	7891	0.434	ug/L #	95
70) 1,2,3-Trichlorobenzene	15.18	180	7668	0.555	ug/L	90

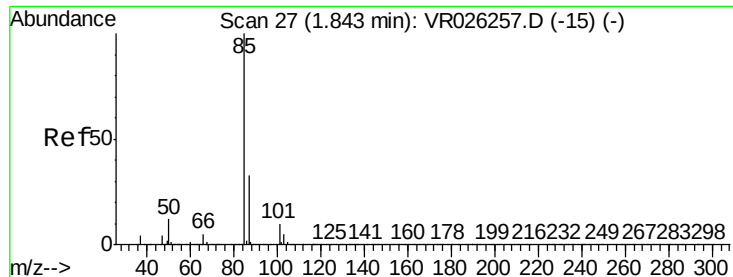
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR026255.D
Acq On : 21 Nov 2018 11:37
Operator : SY/MD
Sample : VSTD0.596
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD0.596

Quant Time: Nov 27 06:10:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 27 06:08:04 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.585 ug/L

RT: 1.83 min Scan# 25

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

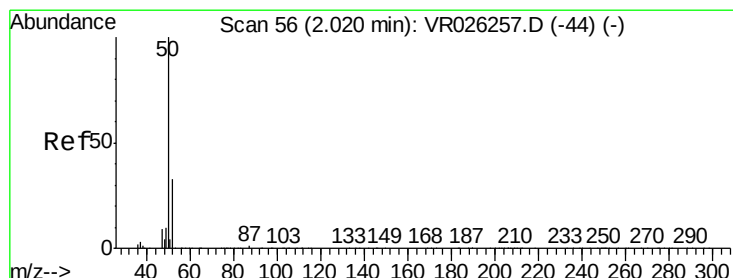
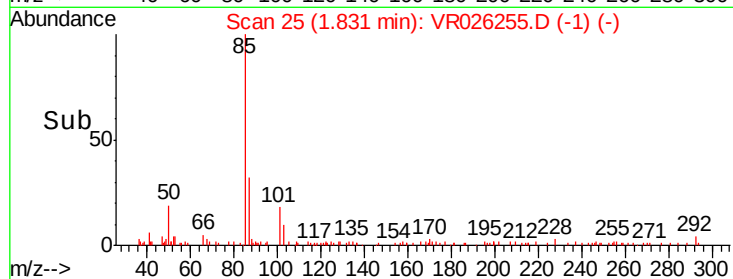
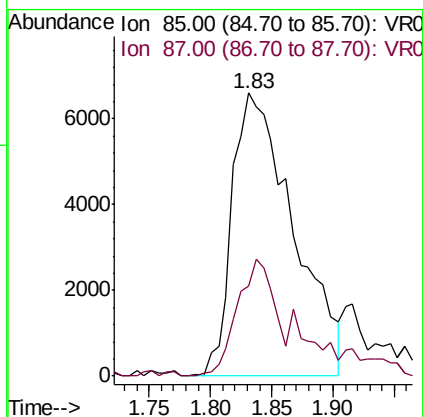
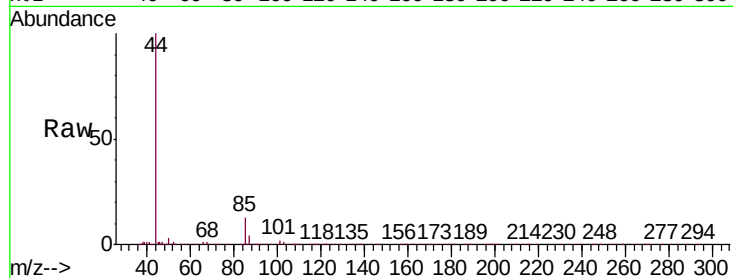
VSTD0.596

Tgt Ion: 85 Resp: 22883

Ion Ratio Lower Upper

85 100

87 25.3 25.6 38.4#



#3

Chloromethane

Concen: 0.646 ug/L

RT: 2.02 min Scan# 56

Delta R.T. 0.00 min

Lab File: VR026255.D

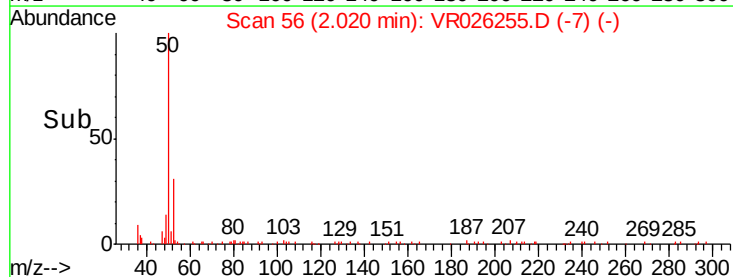
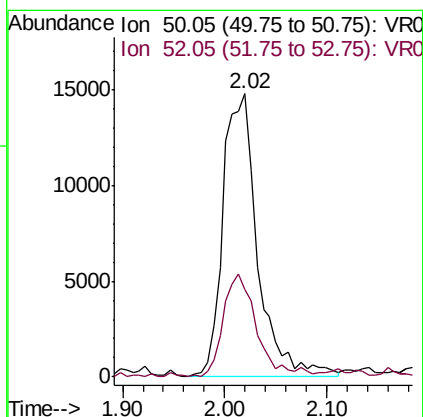
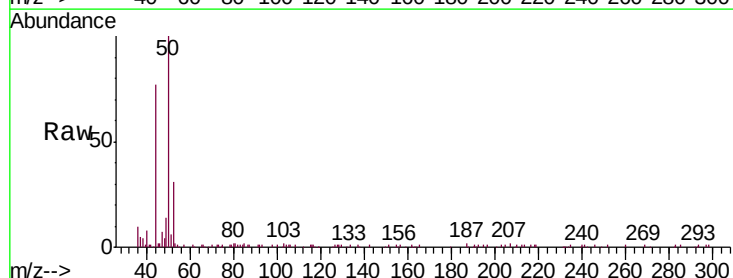
Acq: 21 Nov 2018 11:37

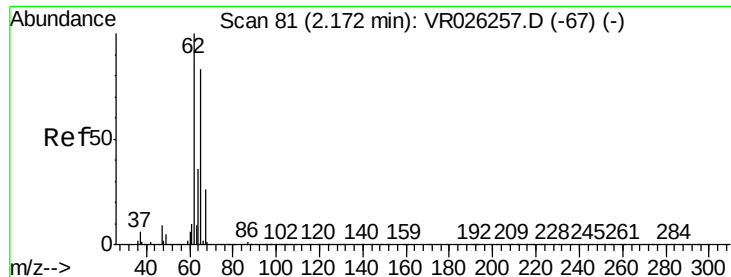
Tgt Ion: 50 Resp: 34859

Ion Ratio Lower Upper

50 100

52 30.7 23.0 42.8





#5

Vinyl chloride

Concen: 0.634 ug/L

RT: 2.16 min Scan# 79

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampled :

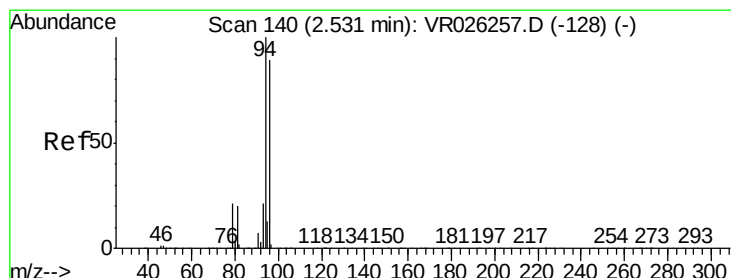
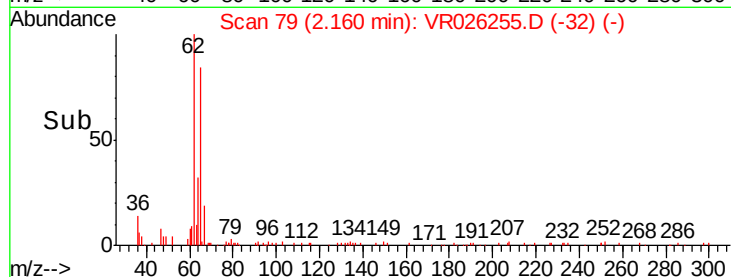
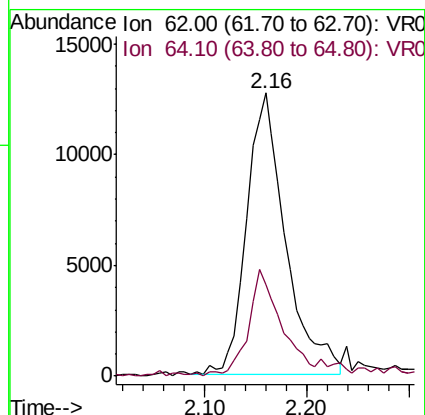
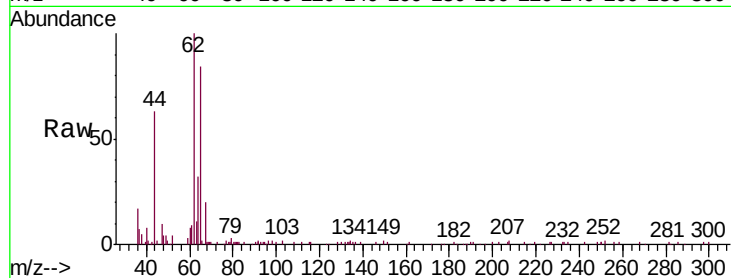
VSTD0.596

Tgt Ion: 62 Resp: 33818

Ion Ratio Lower Upper

62 100

64 32.1 25.1 46.7



#6

Bromomethane

Concen: 0.650 ug/L

RT: 2.52 min Scan# 139

Delta R.T. -0.01 min

Lab File: VR026255.D

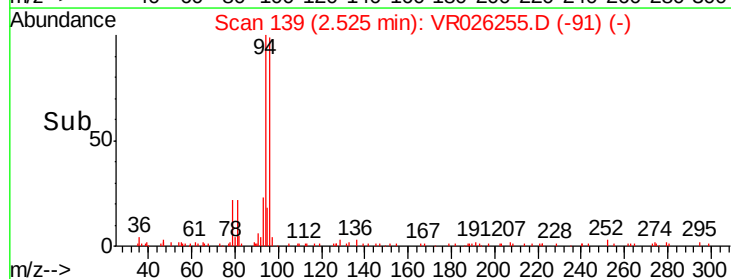
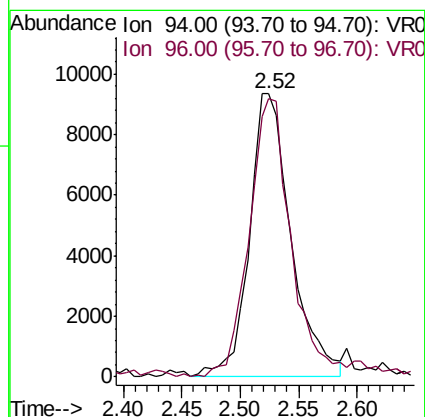
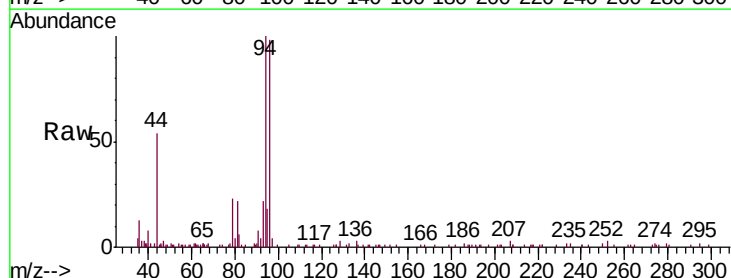
Acq: 21 Nov 2018 11:37

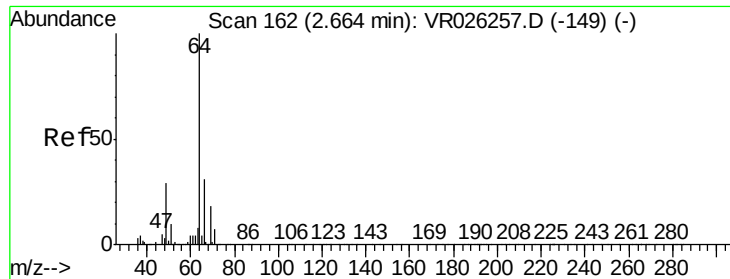
Tgt Ion: 94 Resp: 23195

Ion Ratio Lower Upper

94 100

96 98.5 62.4 115.8





#8

Chloroethane

Concen: 0.642 ug/L

RT: 2.65 min Scan# 160

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

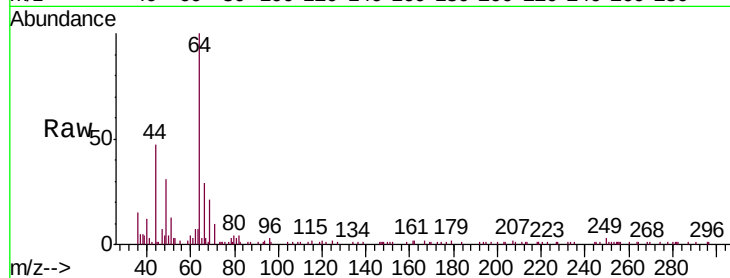
VSTD0.596

Tgt Ion: 64 Resp: 21437

Ion Ratio Lower Upper

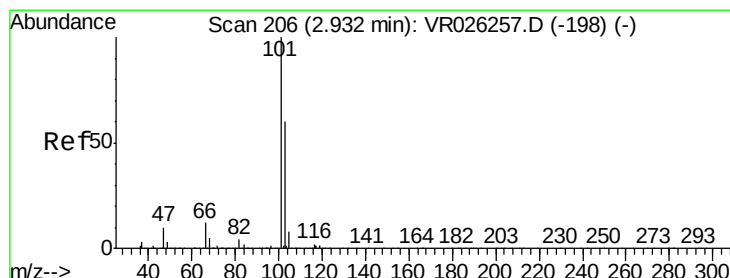
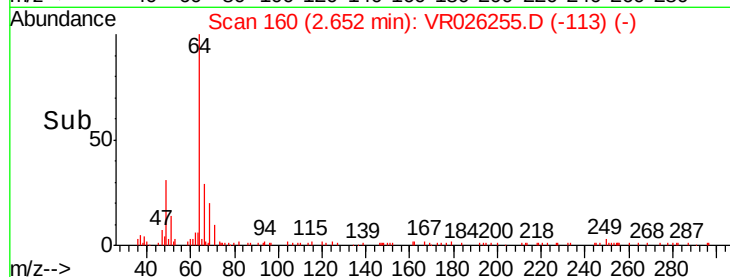
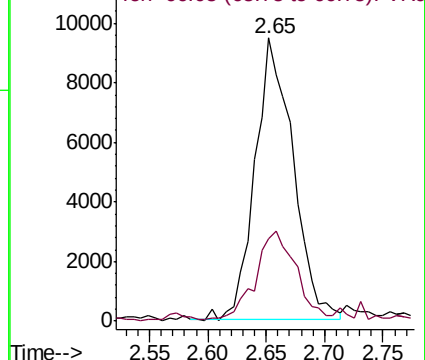
64 100

66 29.2 21.9 40.7



Abundance Ion 64.10 (63.80 to 64.80): VR0

Ion 66.05 (65.75 to 66.75): VR0



#9

Trichlorofluoromethane

Concen: 0.334 ug/L

RT: 2.95 min Scan# 209

Delta R.T. 0.02 min

Lab File: VR026255.D

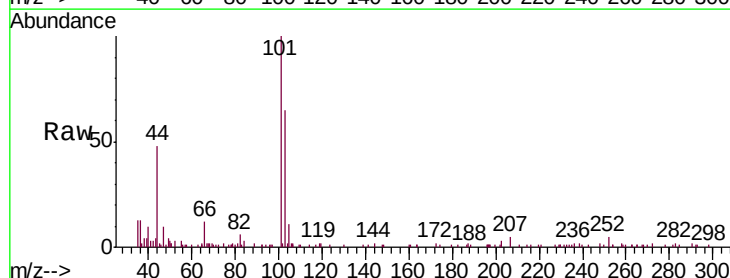
Acq: 21 Nov 2018 11:37

Tgt Ion: 101 Resp: 28283

Ion Ratio Lower Upper

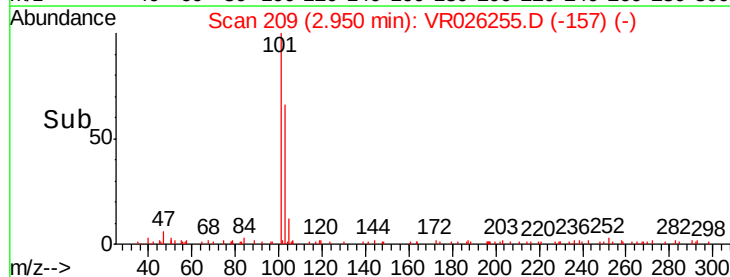
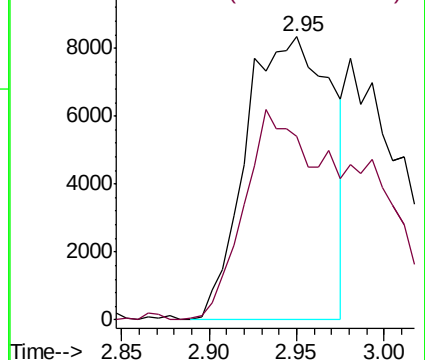
101 100

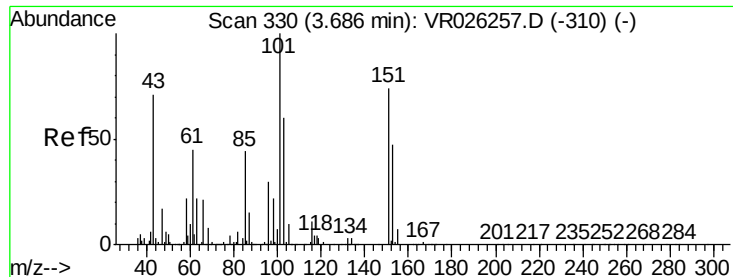
103 56.8 18.3 27.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 0.627 ug/L

RT: 3.68 min Scan# 329

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

VSTD0.596

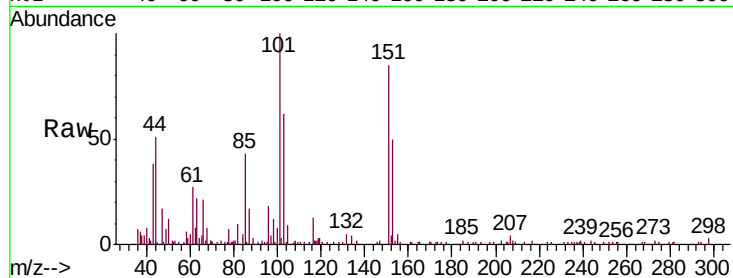
Tgt Ion:101 Resp: 29485

Ion Ratio Lower Upper

101 100

85 43.8 37.0 55.6

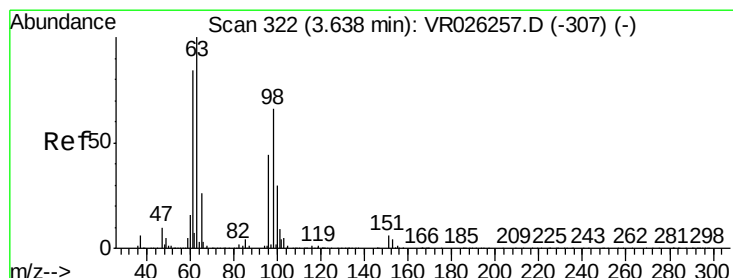
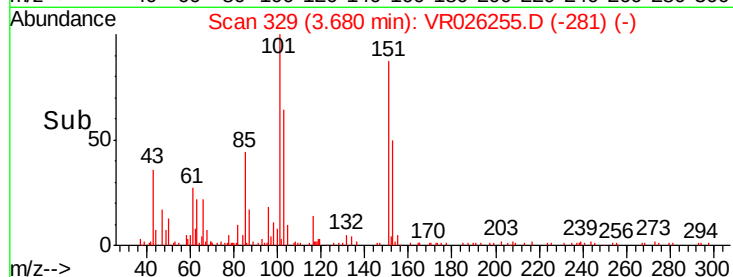
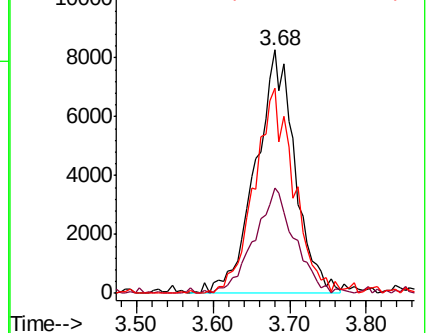
151 84.8 61.1 91.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VR0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.617 ug/L

RT: 3.63 min Scan# 321

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

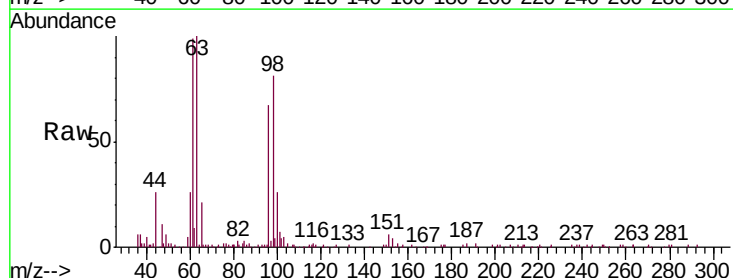
Tgt Ion: 96 Resp: 31362

Ion Ratio Lower Upper

96 100

61 147.9 135.5 251.7

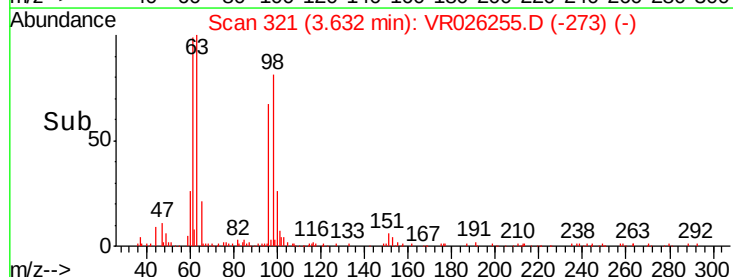
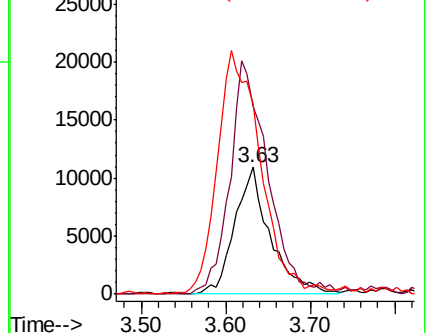
63 149.4 160.5 298.1#

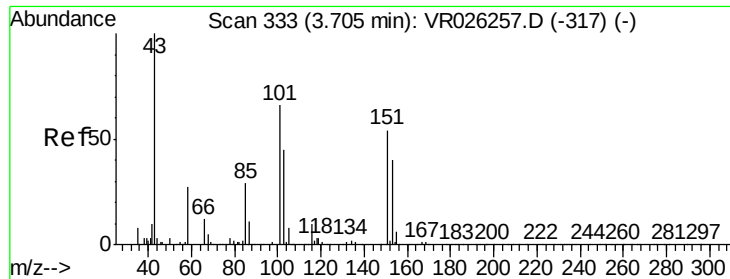


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0





#13

Acetone

Concen: 4.940 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

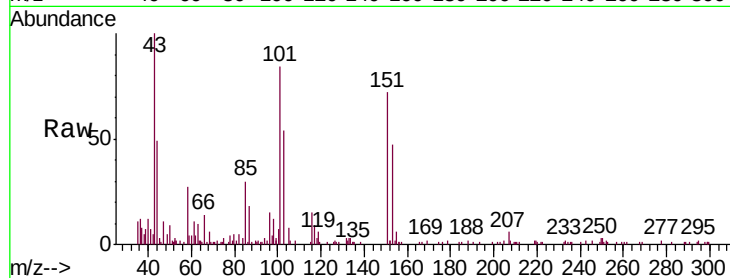
VSTD0.596

Tgt Ion: 43 Resp: 17379

Ion Ratio Lower Upper

43 100

58 35.3 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

8000

6000

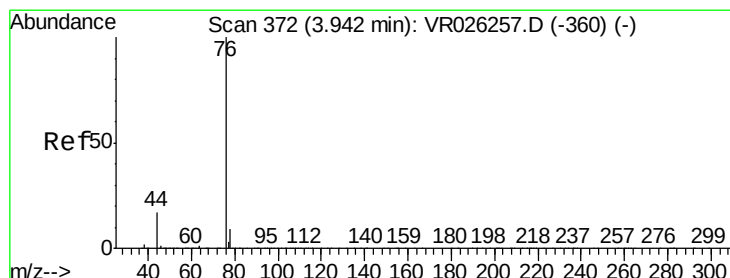
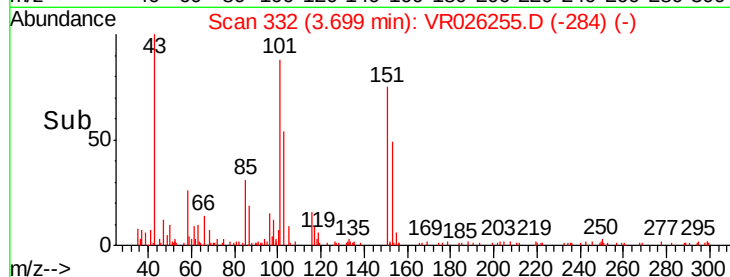
4000

2000

0

Time-->

3.60 3.65 3.70 3.75



#14

Carbon disulfide

Concen: 0.591 ug/L

RT: 3.93 min Scan# 370

Delta R.T. -0.01 min

Lab File: VR026255.D

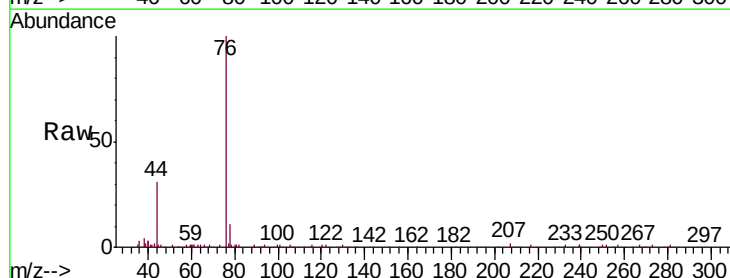
Acq: 21 Nov 2018 11:37

Tgt Ion: 76 Resp: 75873

Ion Ratio Lower Upper

76 100

78 11.3 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0

25000

20000

15000

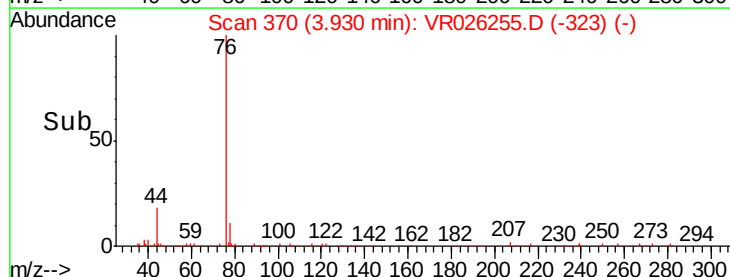
10000

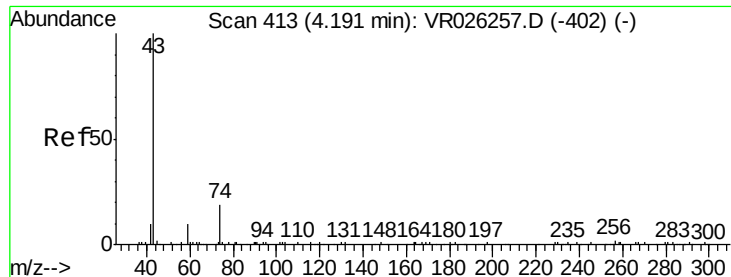
5000

0

Time-->

3.80 3.90 4.00 4.10

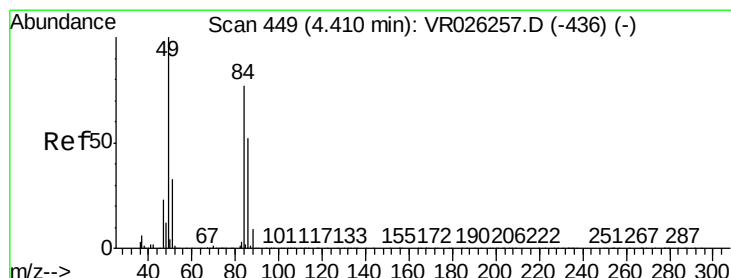
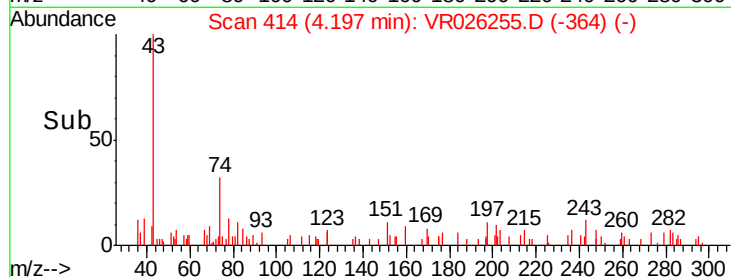
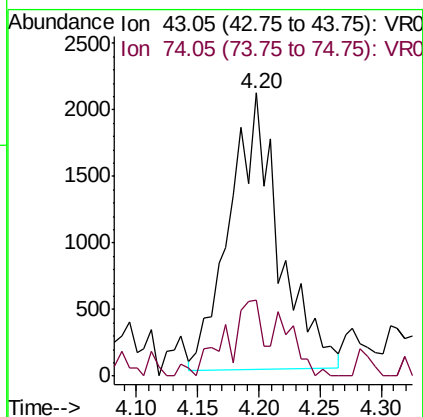
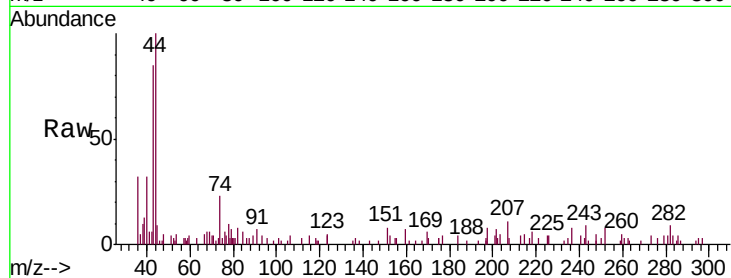




#15
Methyl Acetate
Concen: 0.613 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

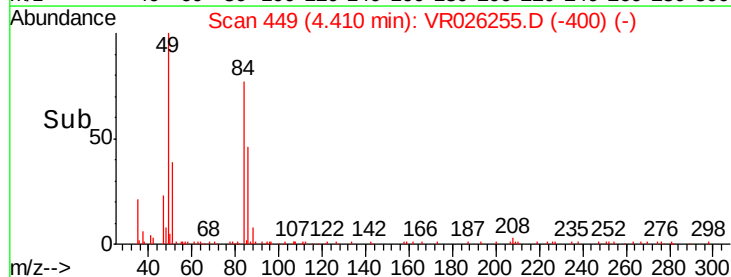
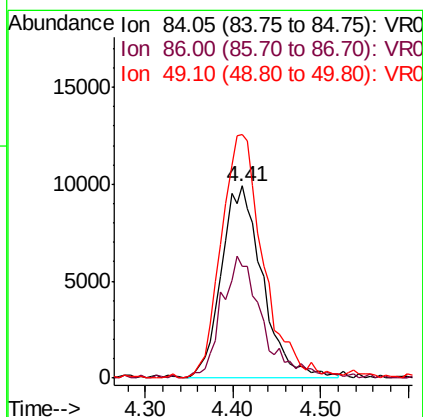
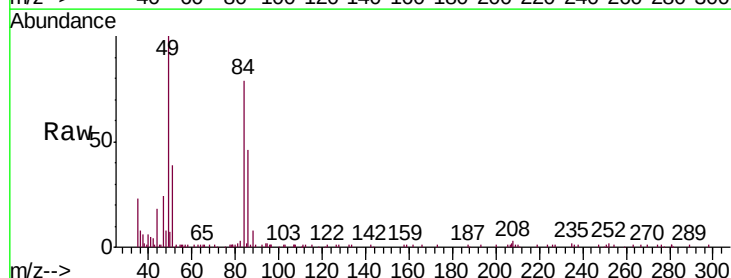
Instrument :
MSVOA_R
ClientSampleId :
VSTD0.596

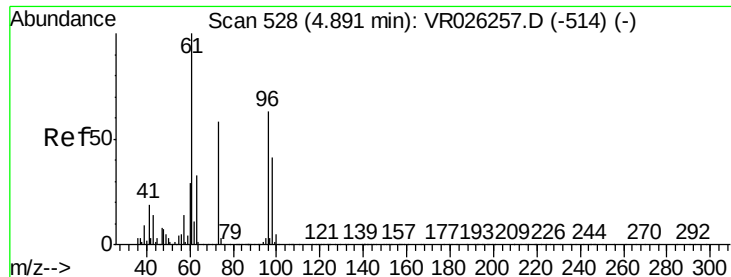
Tgt Ion: 43 Resp: 5839
Ion Ratio Lower Upper
43 100
74 20.8 21.0 31.4#



#16
Methylene chloride
Concen: 0.695 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.00 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

Tgt Ion: 84 Resp: 32273
Ion Ratio Lower Upper
84 100
86 58.4 46.8 87.0
49 126.8 90.8 168.6

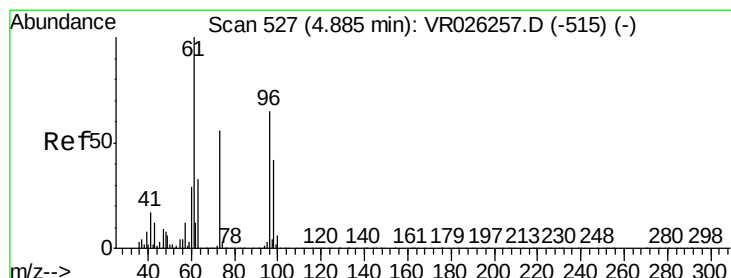
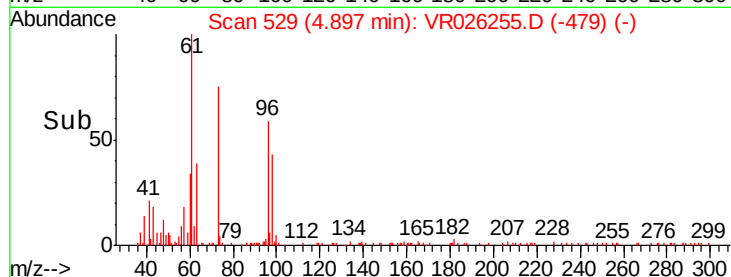
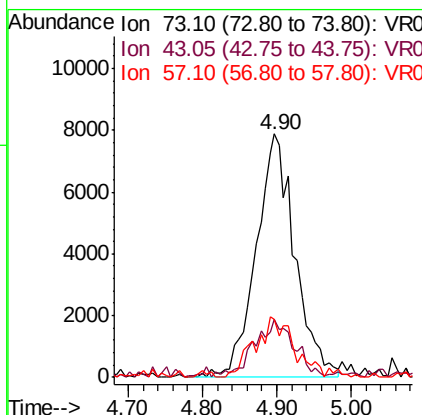
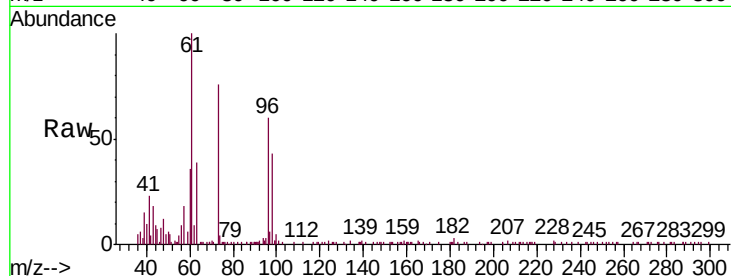




#17
Methyl tert-butyl Ether
Concen: 0.565 ug/L
RT: 4.90 min Scan# 529
Delta R.T. 0.01 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

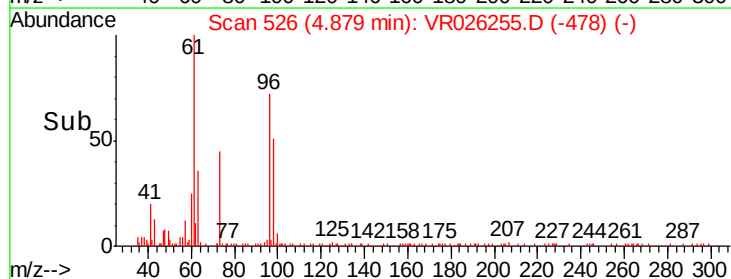
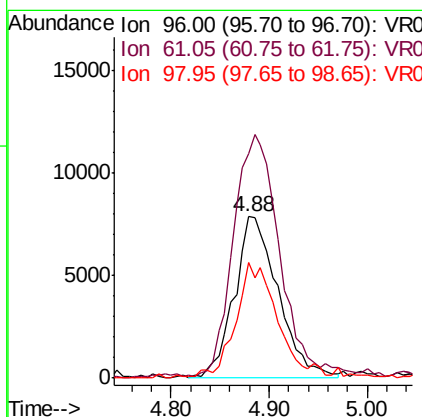
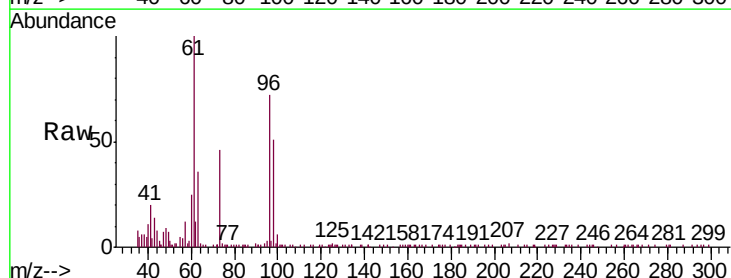
Instrument :
MSVOA_R
ClientSampleId :
VSTD0.596

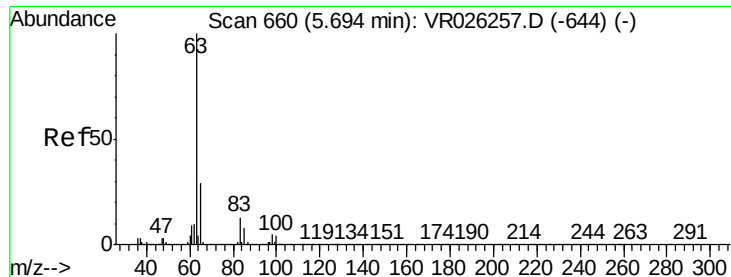
Tgt Ion: 73 Resp: 28488
Ion Ratio Lower Upper
73 100
43 23.4 19.0 28.6
57 19.4 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 0.569 ug/L
RT: 4.88 min Scan# 526
Delta R.T. -0.01 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

Tgt Ion: 96 Resp: 24514
Ion Ratio Lower Upper
96 100
61 138.9 108.4 201.4
98 71.4 45.2 84.0

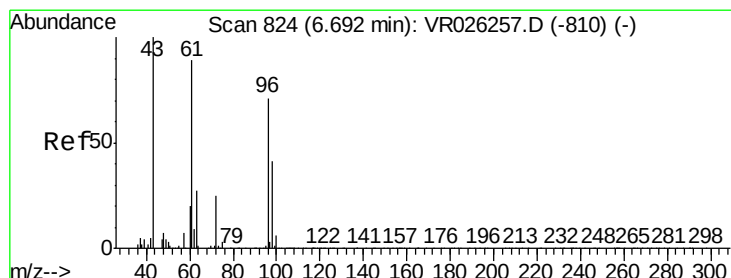
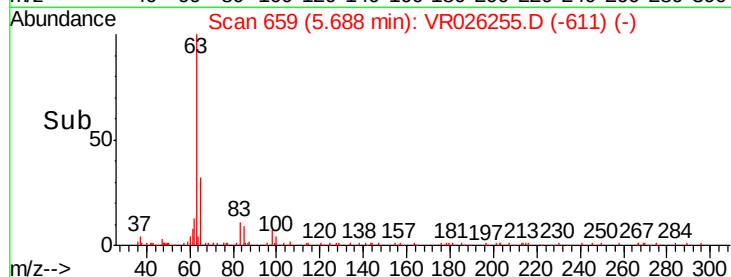
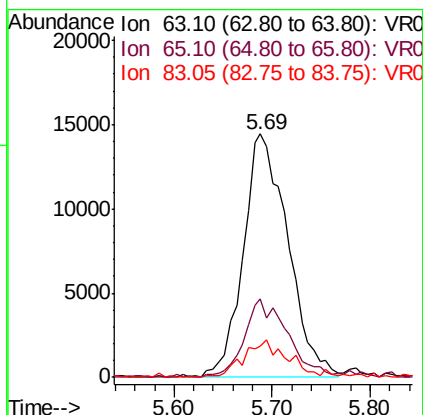
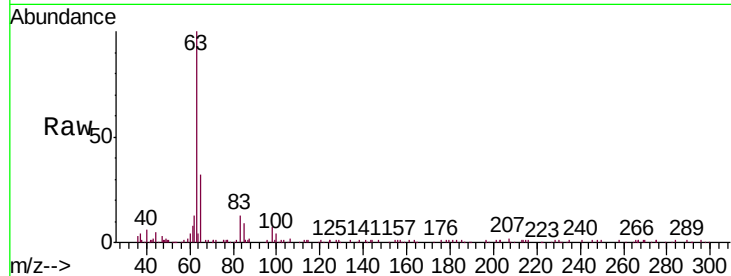




#19
 1,1-Dichloroethane
 Concen: 0.584 ug/L
 RT: 5.69 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

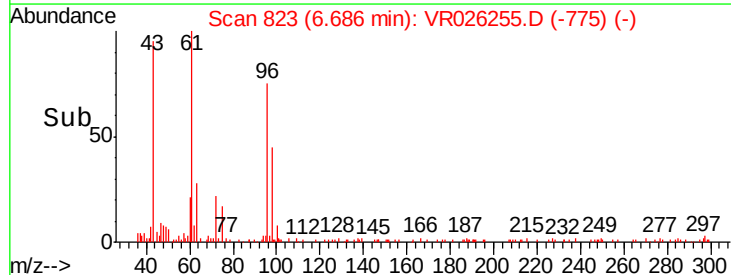
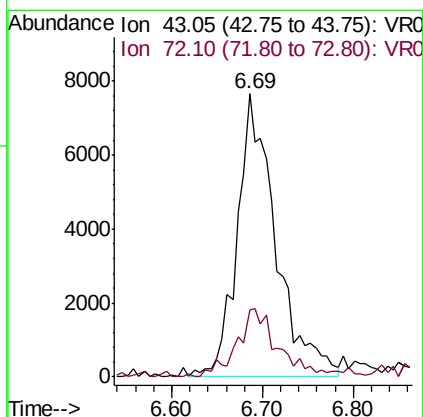
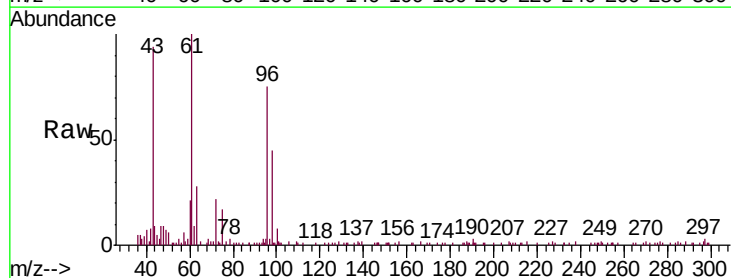
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

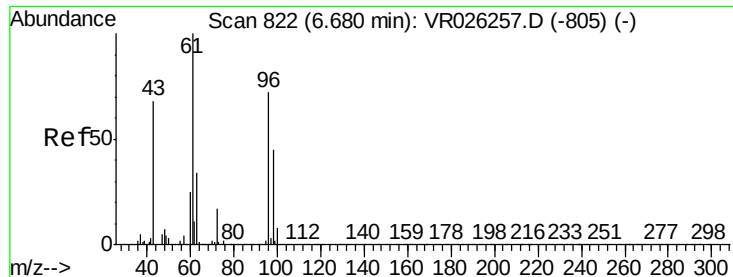
Tgt Ion:	63	Resp:	45806
Ion	Ratio	Lower	Upper
63	100		
65	32.1	20.0	37.2
83	12.6	8.9	16.5



#21
 2-Butanone
 Concen: 5.039 ug/L
 RT: 6.69 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Tgt Ion:	43	Resp:	22616
Ion	Ratio	Lower	Upper
43	100		
72	25.4	12.3	36.8



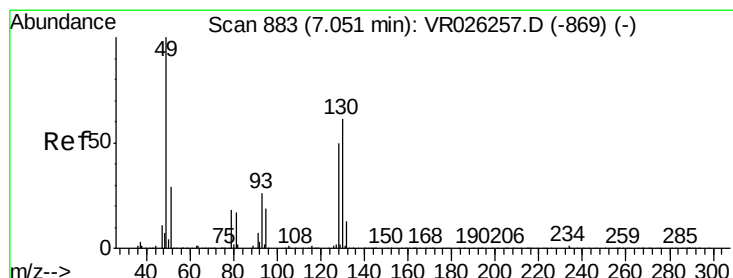
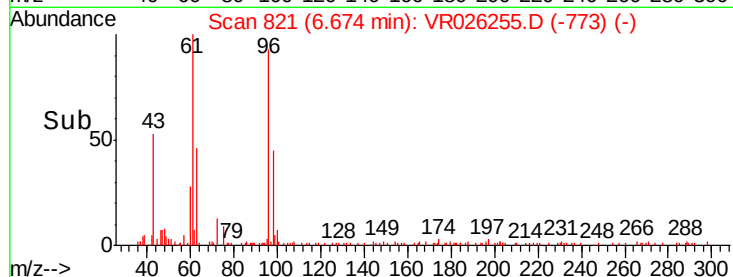
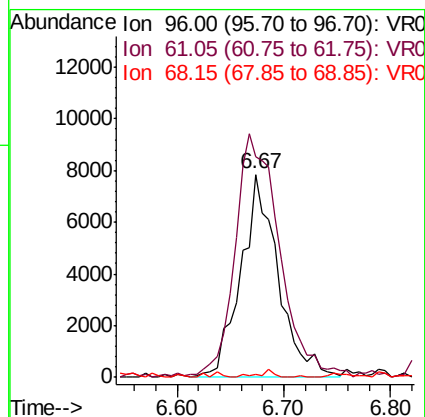
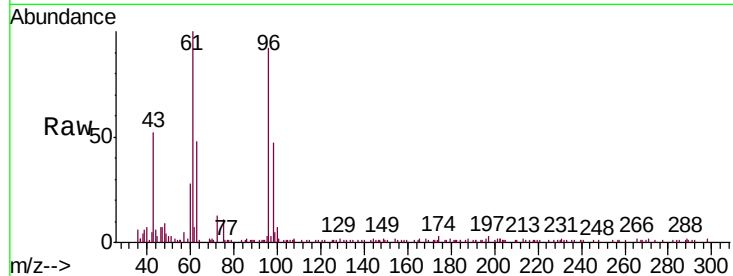


#22

cis-1,2-Dichloroethene
 Concen: 0.501 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

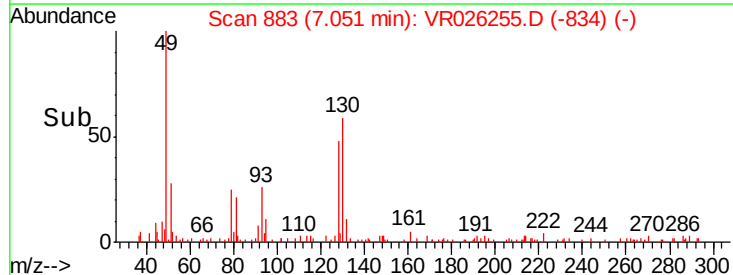
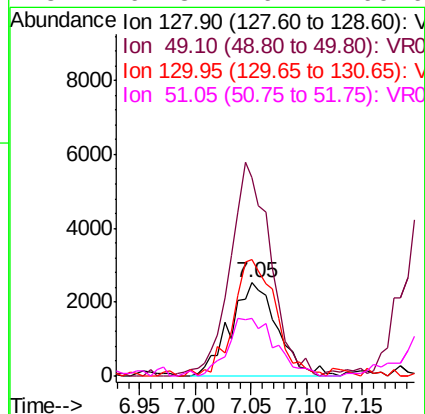
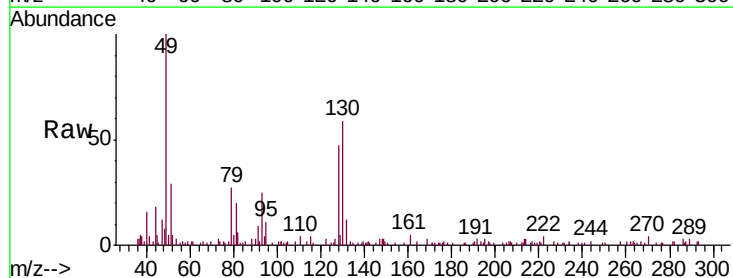
Tgt Ion: 96 Resp: 19271
 Ion Ratio Lower Upper
 96 100
 61 108.8 97.6 181.4
 68 1.8 0.0 0.0#

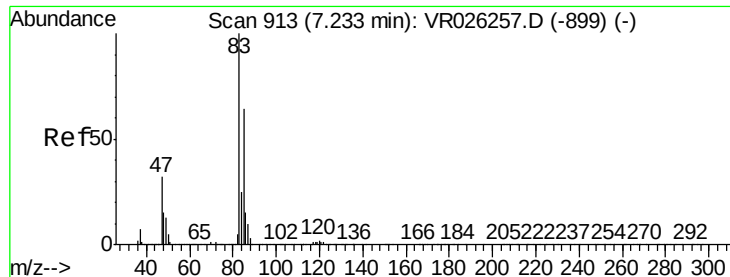


#23

Bromochloromethane
 Concen: 0.620 ug/L
 RT: 7.05 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Tgt Ion: 128 Resp: 7407
 Ion Ratio Lower Upper
 128 100
 49 213.0 140.3 260.6
 130 124.6 85.2 158.2
 51 61.3 46.4 69.6





#25

Chloroform

Concen: 0.669 ug/L

RT: 7.23 min Scan# 912

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

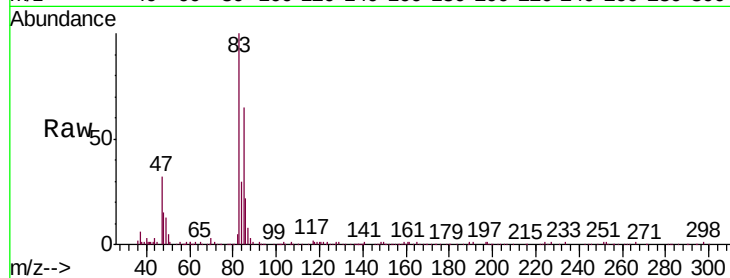
VSTD0.596

Tgt Ion: 83 Resp: 57941

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0

7.23

25000

20000

15000

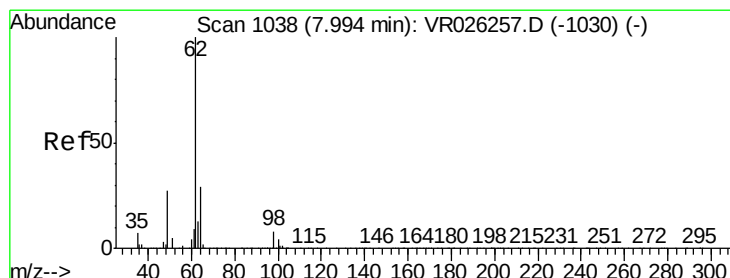
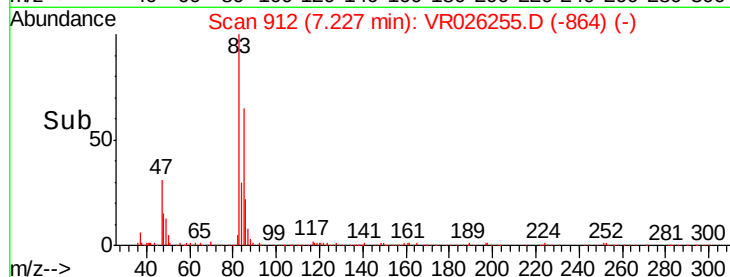
10000

5000

0

Time-->

7.10 7.20 7.30



#27

1,2-Dichloroethane

Concen: 0.609 ug/L

RT: 7.99 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VR026255.D

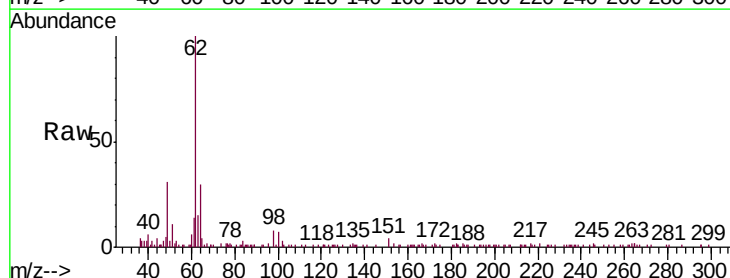
Acq: 21 Nov 2018 11:37

Tgt Ion: 62 Resp: 21728

Ion Ratio Lower Upper

62 100

98 8.1 6.0 9.0



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0

7.99

10000

8000

6000

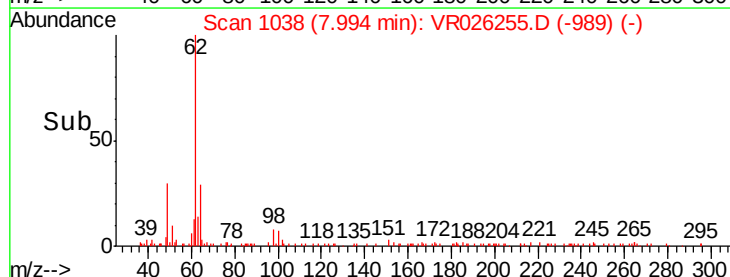
4000

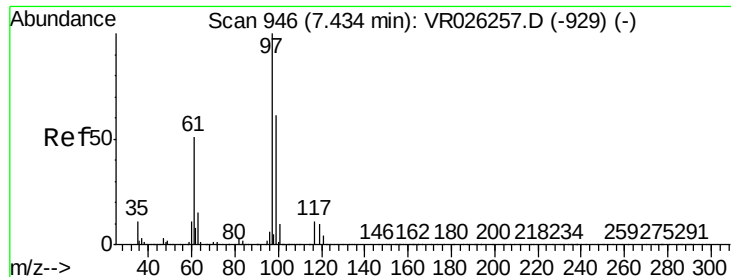
2000

0

Time-->

7.90 7.95 8.00 8.05 8.10

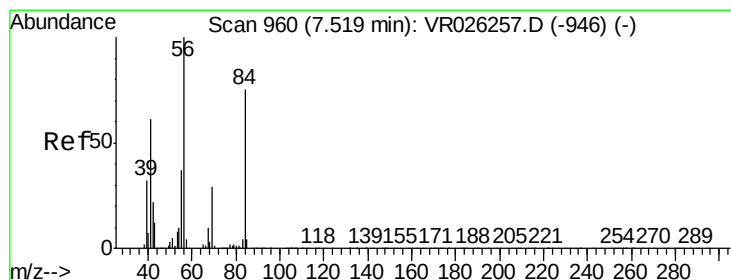
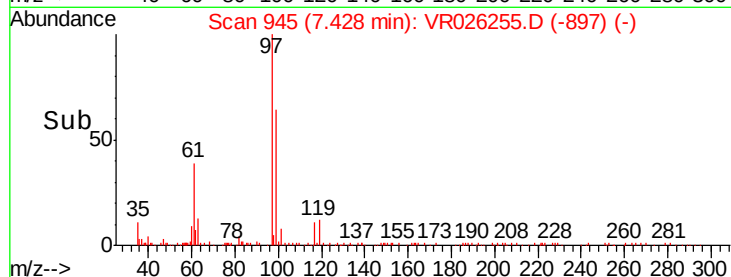
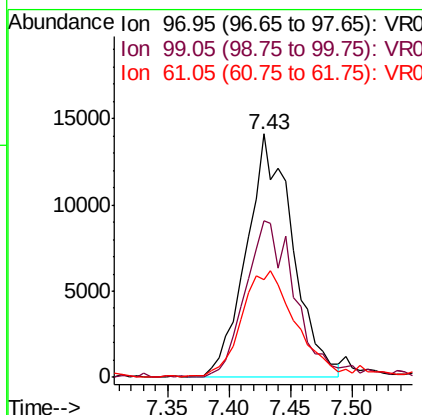
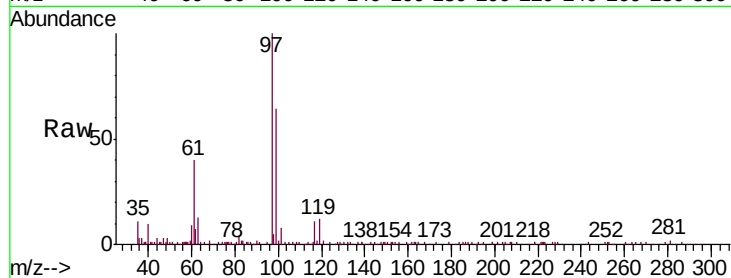




#29
1,1,1-Trichloroethane
Concen: 0.566 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.01 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

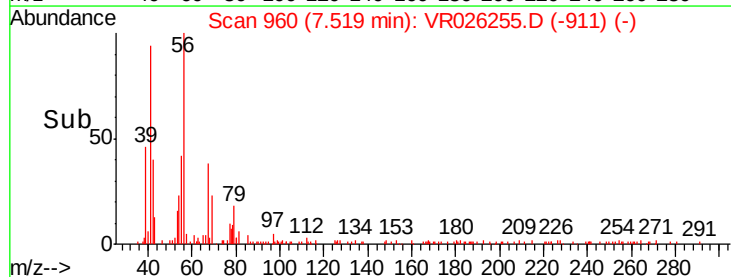
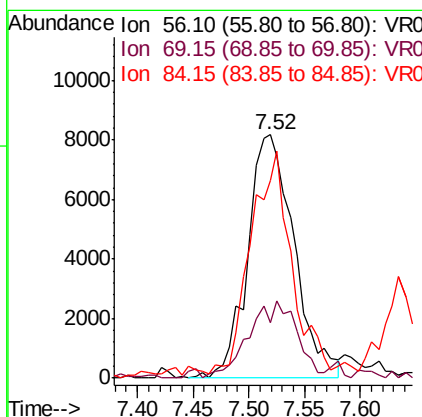
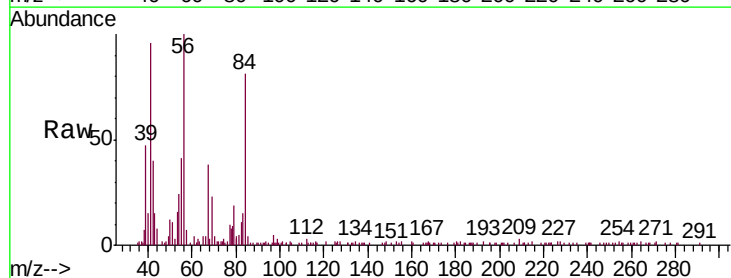
Instrument :
MSVOA_R
ClientSampleId :
VSTD0.596

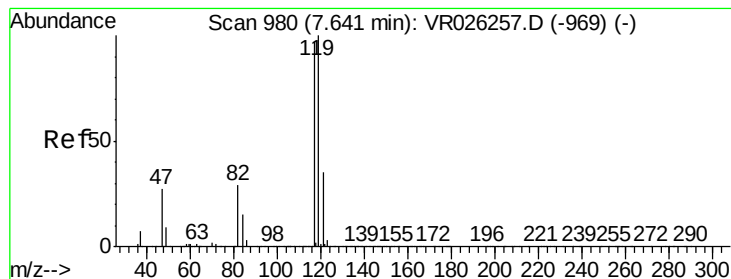
Tgt Ion	Ratio	Lower	Upper
97	100		
99	70.4	50.7	76.1
61	51.3	40.2	60.4



#30
Cyclohexane
Concen: 0.421 ug/L
RT: 7.52 min Scan# 960
Delta R.T. 0.00 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

Tgt Ion	Ratio	Lower	Upper
56	100		
69	16.5	23.8	35.8#
84	81.3	62.4	93.6





#31

Carbon tetrachloride

Concen: 0.545 ug/L

RT: 7.64 min Scan# 980

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

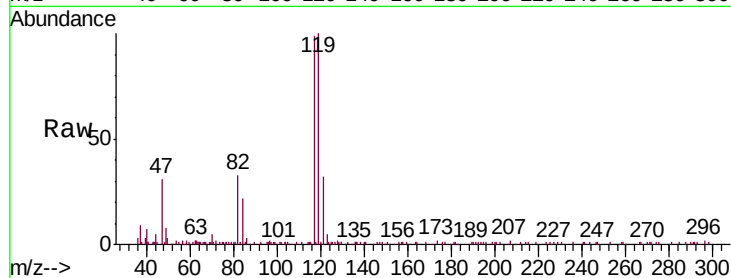
VSTD0.596

Tgt Ion:117 Resp: 32042

Ion Ratio Lower Upper

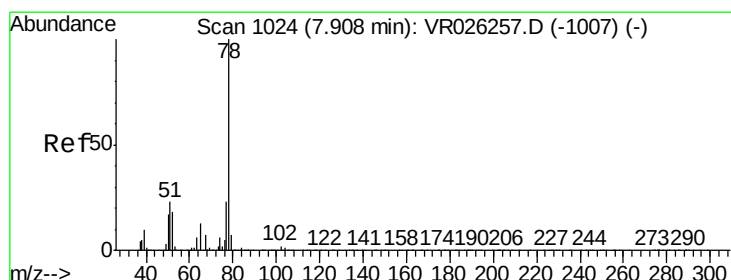
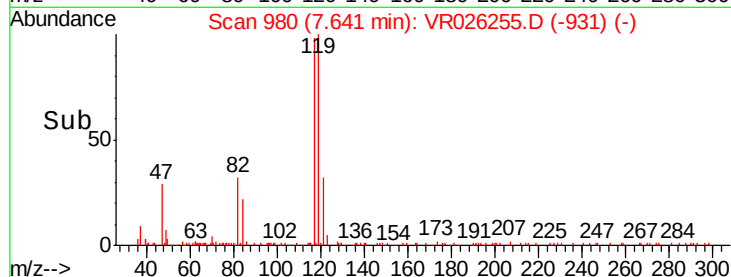
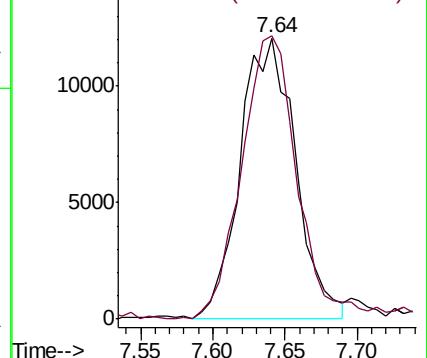
117 100

119 101.8 77.0 115.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.542 ug/L

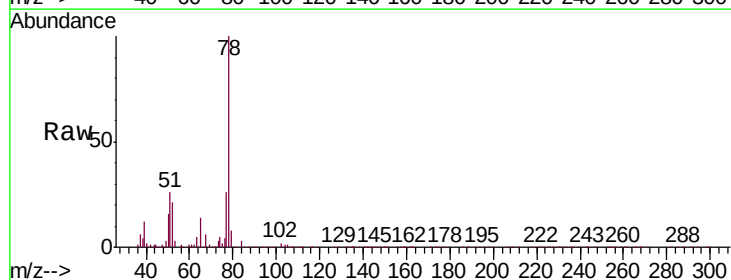
RT: 7.91 min Scan# 1024

Delta R.T. 0.00 min

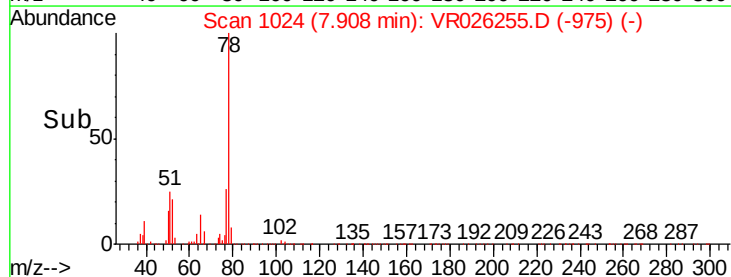
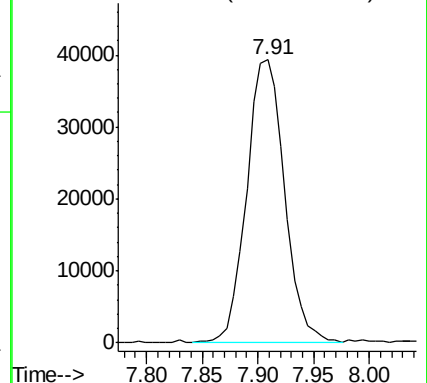
Lab File: VR026255.D

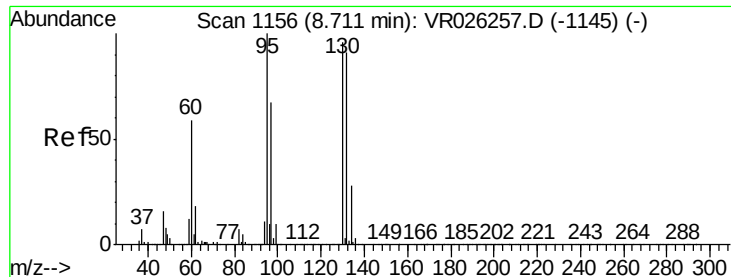
Acq: 21 Nov 2018 11:37

Tgt Ion: 78 Resp: 93009



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 0.571 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

VSTD0.596

Tgt Ion: 95 Resp: 25459

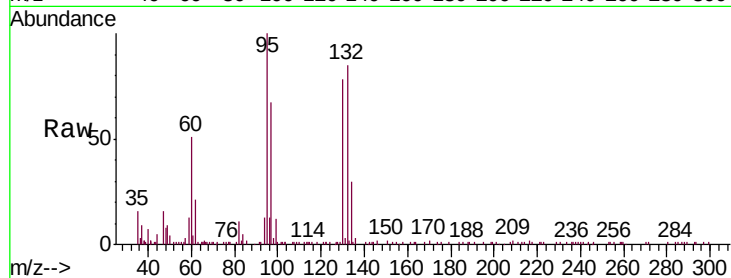
Ion Ratio Lower Upper

95 100

97 66.5 46.8 87.0

132 84.8 63.9 118.7

130 77.5 67.4 125.2



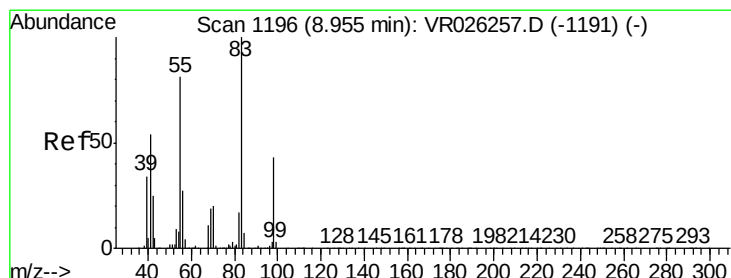
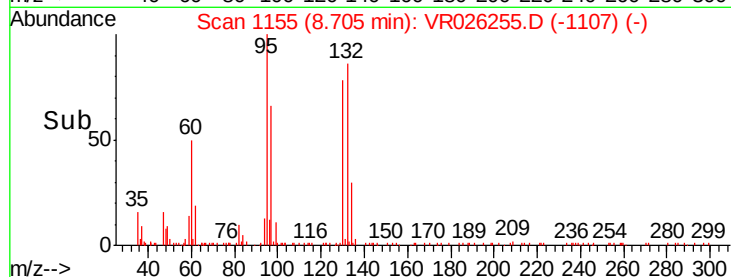
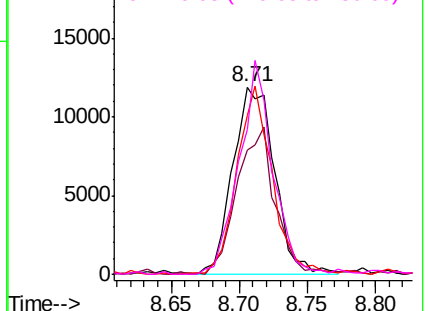
Abundance

Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.455 ug/L

RT: 8.95 min Scan# 1196

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

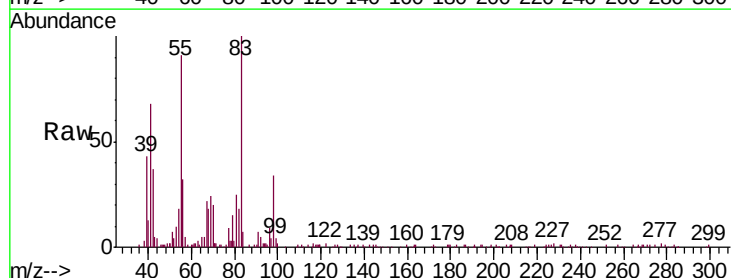
Tgt Ion: 83 Resp: 27395

Ion Ratio Lower Upper

83 100

55 98.2 66.8 100.2

98 47.7 34.8 52.2

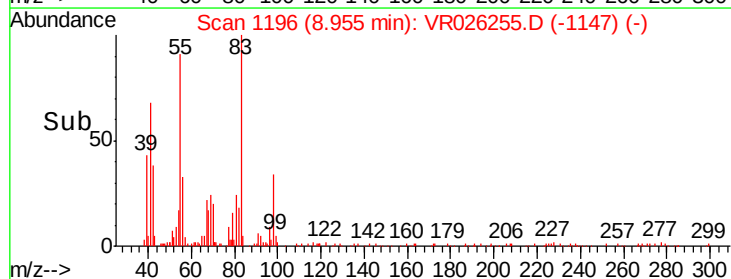
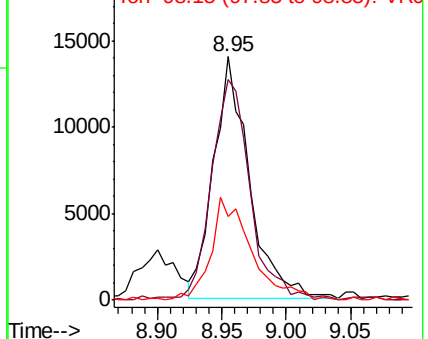


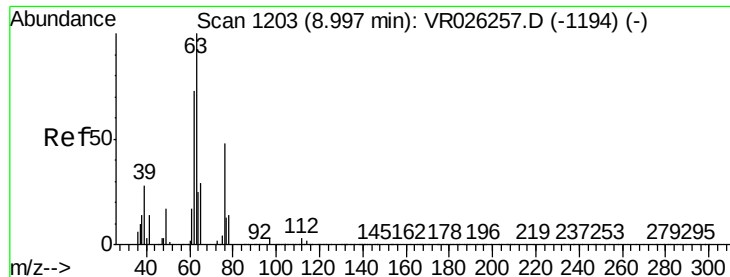
Abundance

Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

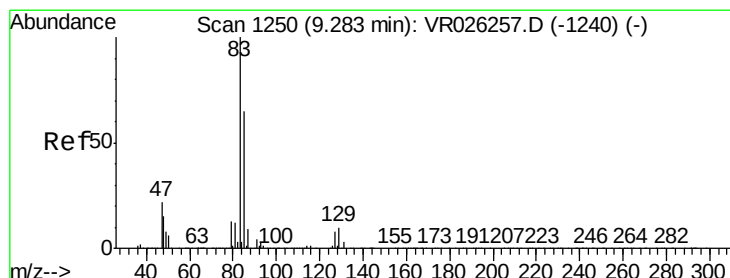
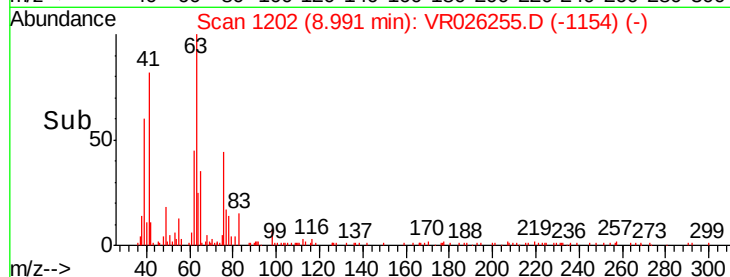
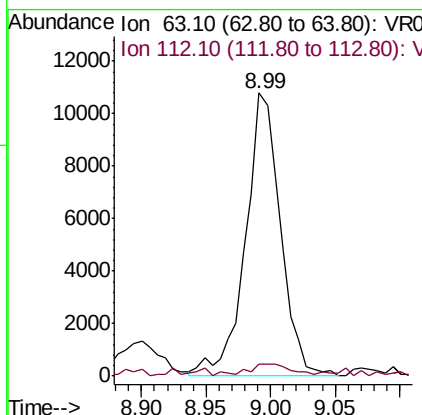
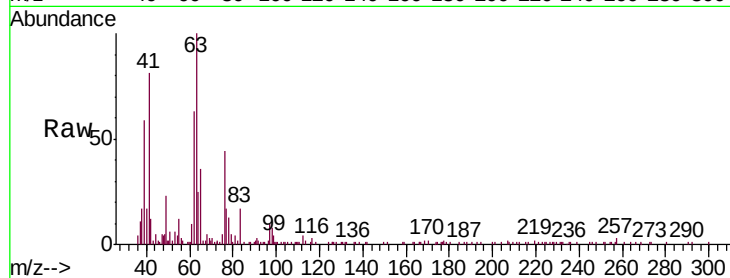




#37
 1,2-Dichloropropane
 Concen: 0.562 ug/L
 RT: 8.99 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

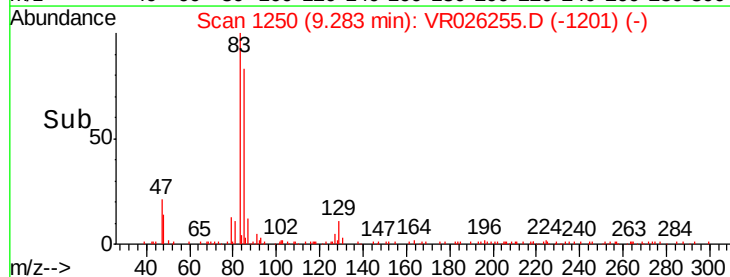
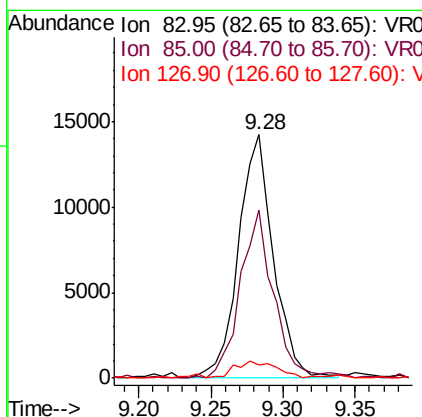
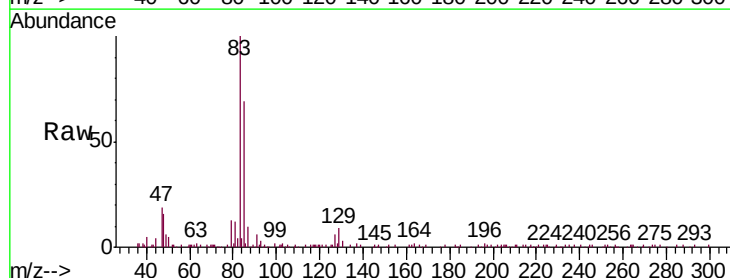
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

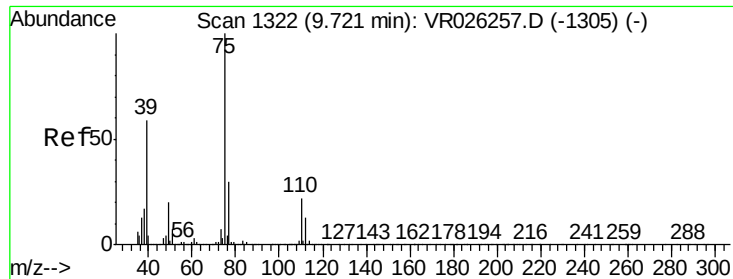
Tgt Ion: 63 Resp: 20141
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.0 4.6



#38
 Bromodichloromethane
 Concen: 0.565 ug/L
 RT: 9.28 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Tgt Ion: 83 Resp: 23906
 Ion Ratio Lower Upper
 83 100
 85 68.9 45.5 84.5
 127 5.6 6.3 9.5#

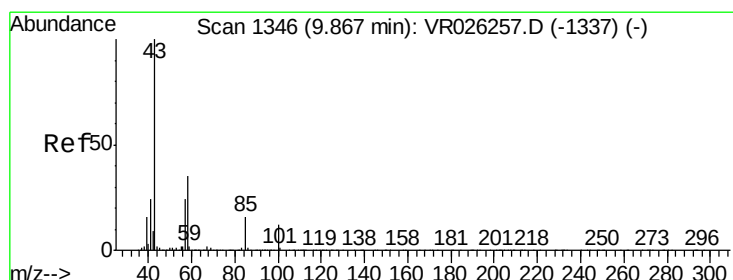
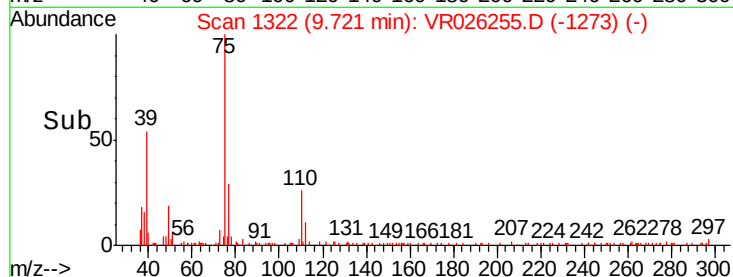
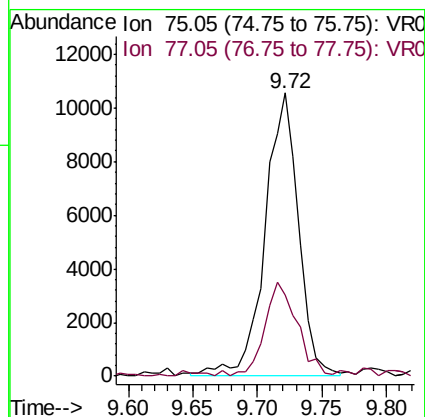
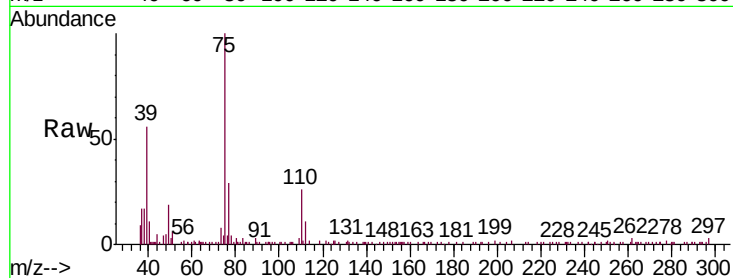




#39
 cis-1,3-Dichloropropene
 Concen: 0.472 ug/L
 RT: 9.72 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

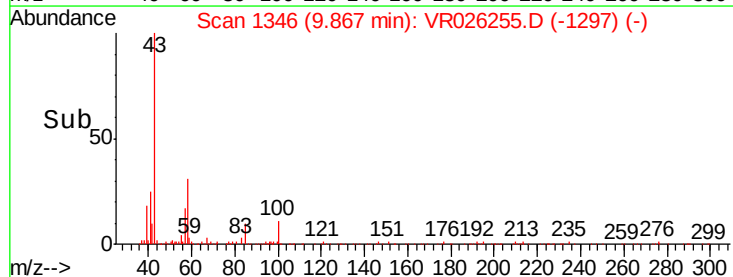
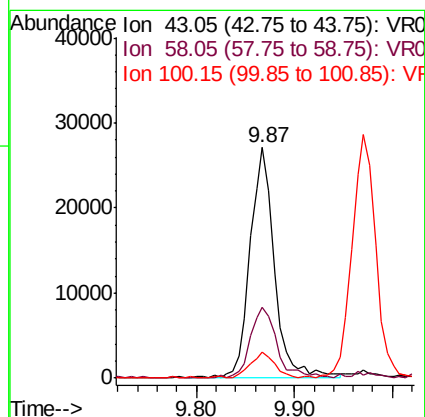
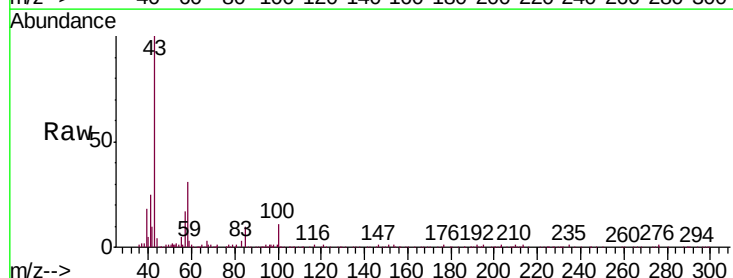
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

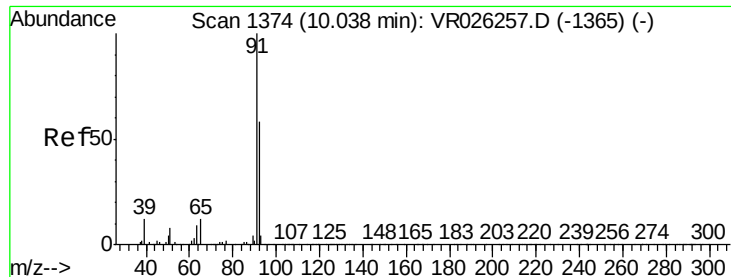
Tgt Ion: 75 Resp: 19025
 Ion Ratio Lower Upper
 75 100
 77 28.7 20.9 38.7



#40
 4-Methyl-2-pentanone
 Concen: 4.586 ug/L
 RT: 9.87 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Tgt Ion: 43 Resp: 47048
 Ion Ratio Lower Upper
 43 100
 58 33.9 28.6 42.8
 100 11.3 10.0 15.0





#42

Toluene

Concen: 0.536 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

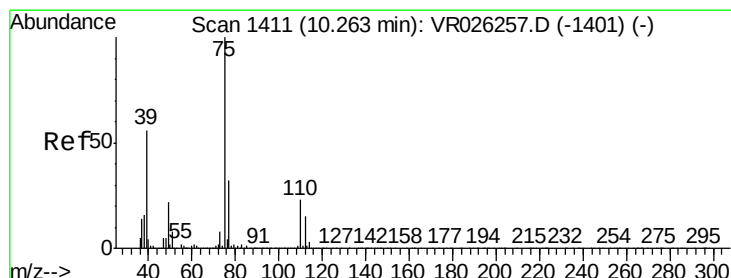
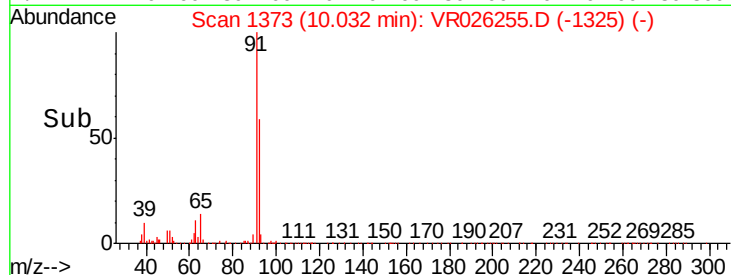
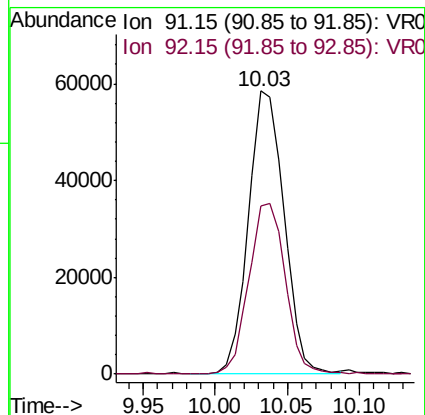
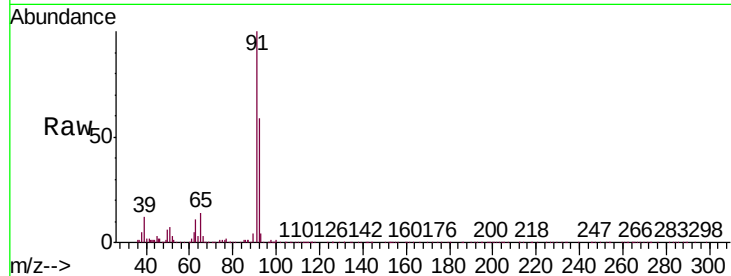
VSTD0.596

Tgt Ion: 91 Resp: 99788

Ion Ratio Lower Upper

91 100

92 59.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.465 ug/L

RT: 10.26 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VR026255.D

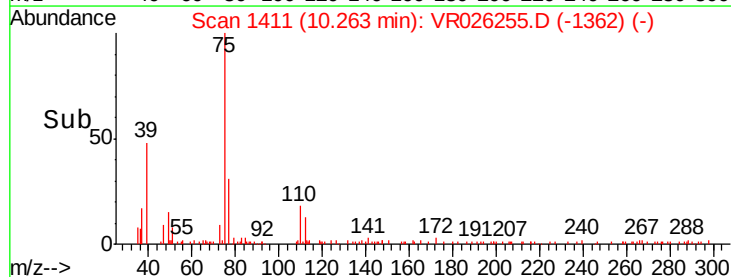
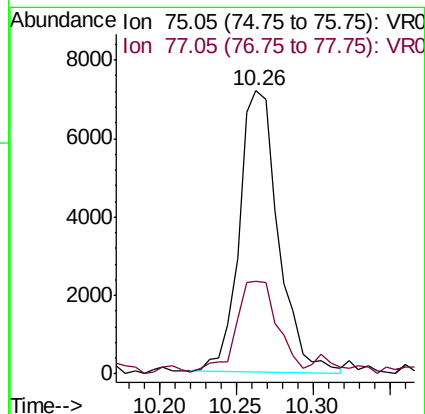
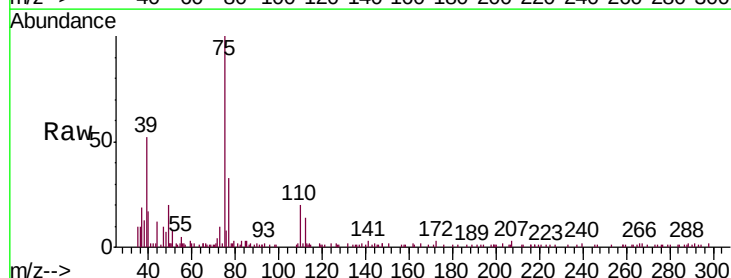
Acq: 21 Nov 2018 11:37

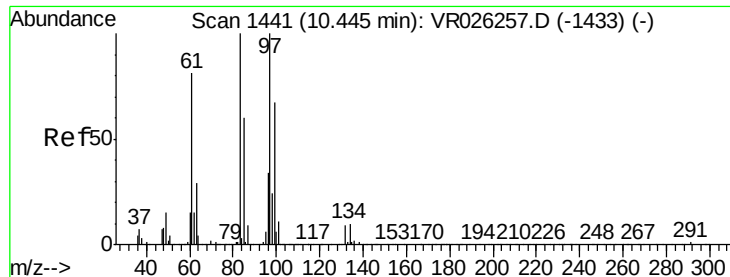
Tgt Ion: 75 Resp: 12683

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.588 ug/L

RT: 10.45 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

VSTD0.596

Tgt Ion: 97 Resp: 9380

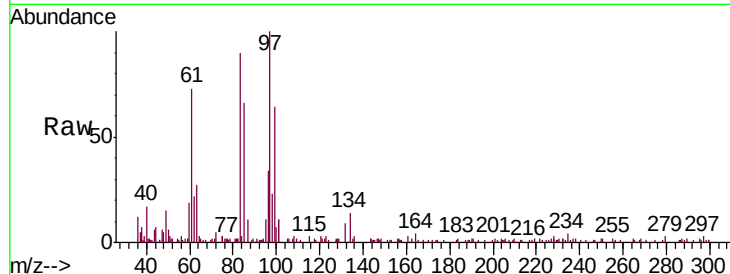
Ion Ratio Lower Upper

97 100

99 63.9 46.8 86.8

83 90.3 70.1 130.3

85 66.3 42.1 78.1

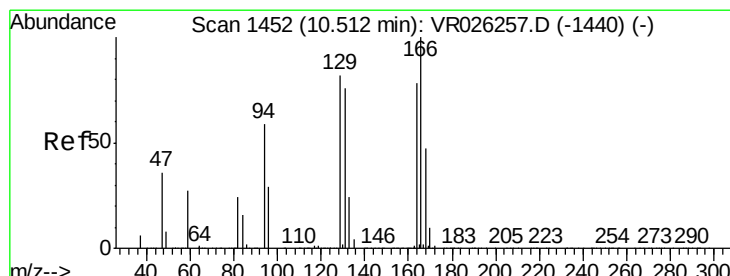
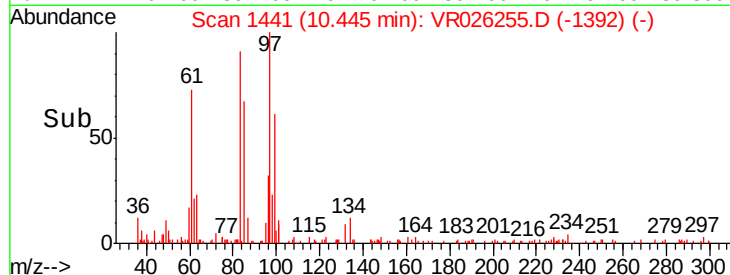
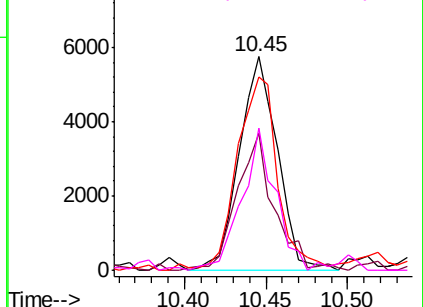


Abundance Ion 96.95 (96.65 to 97.65): VR0

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: 0.567 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Tgt Ion: 164 Resp: 18229

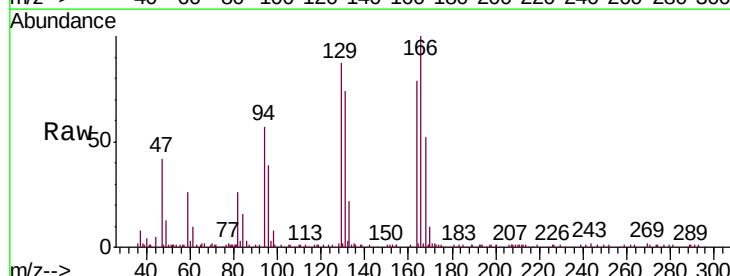
Ion Ratio Lower Upper

164 100

129 109.9 73.4 136.4

131 92.9 68.9 127.9

166 125.8 90.2 167.4

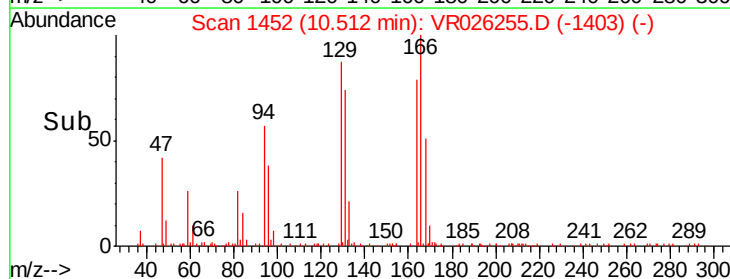
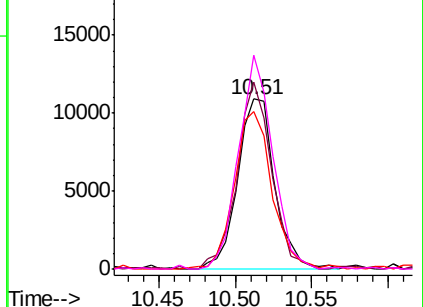


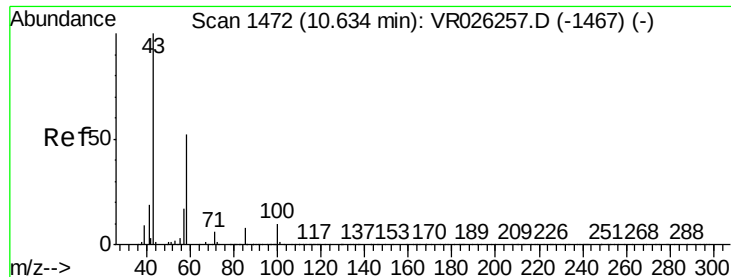
Abundance Ion 163.90 (163.60 to 164.60): V

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

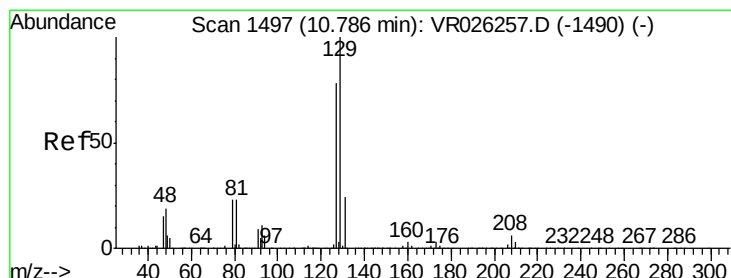
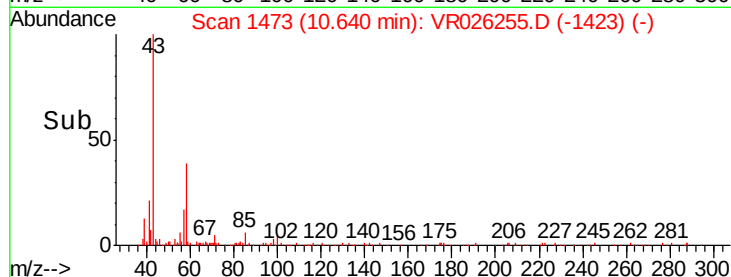
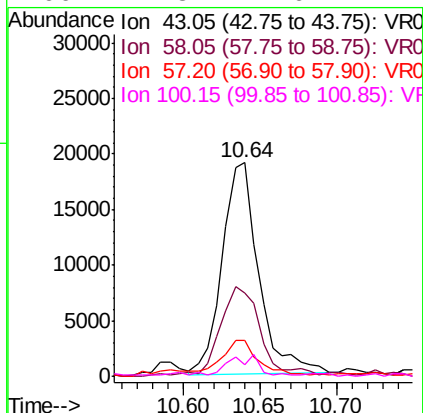
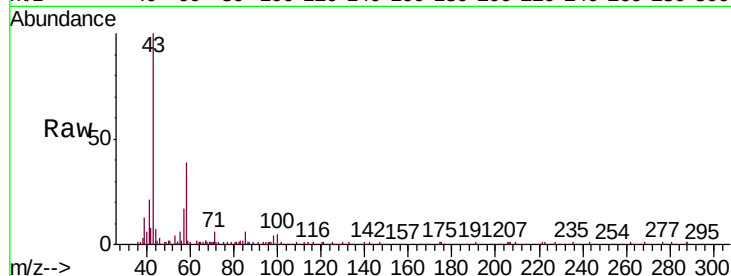




#48
2-Hexanone
Concen: 4.611 ug/L
RT: 10.64 min Scan# 1473
Delta R.T. 0.01 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

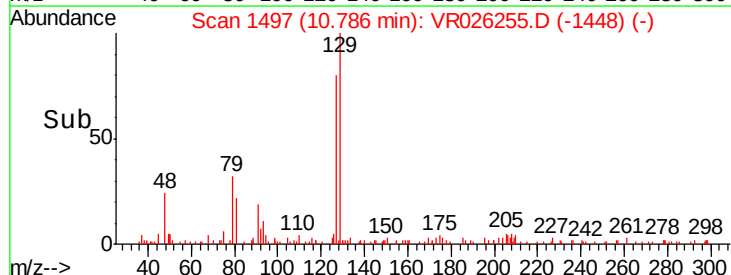
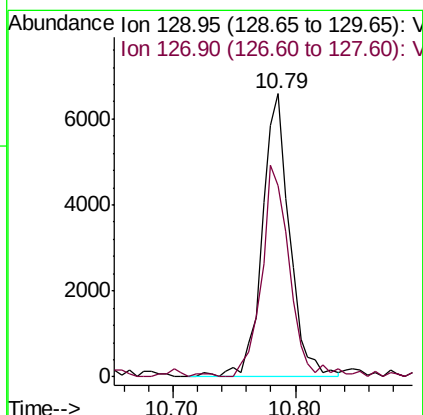
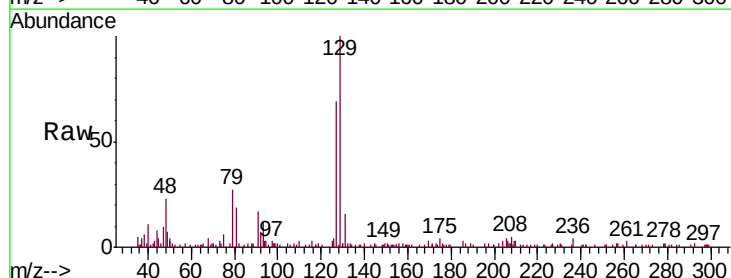
Instrument :
MSVOA_R
ClientSampleId :
VSTD0.596

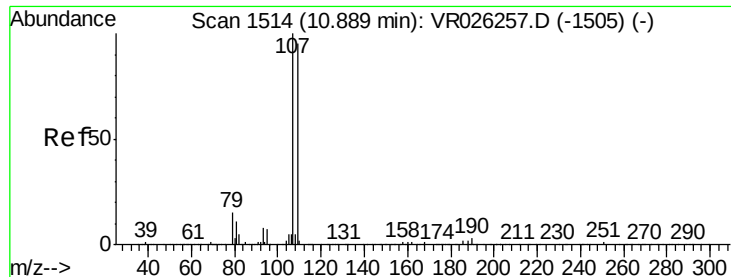
Tgt Ion:	43	Resp:	31660
Ion	Ratio	Lower	Upper
43	100		
58	44.1	40.4	60.6
57	16.7	14.2	21.2
100	7.3	7.6	11.4#



#49
Dibromochloromethane
Concen: 0.533 ug/L
RT: 10.79 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

Tgt Ion:	129	Resp:	10225
Ion	Ratio	Lower	Upper
129	100		
127	67.5	54.6	101.4

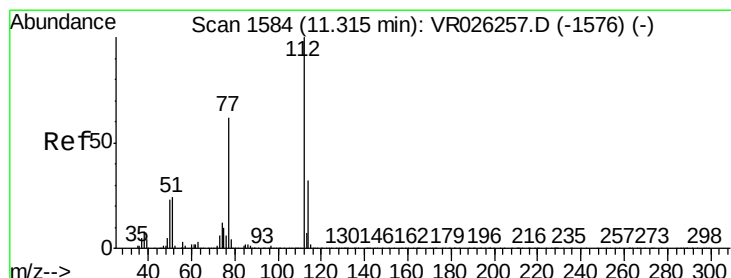
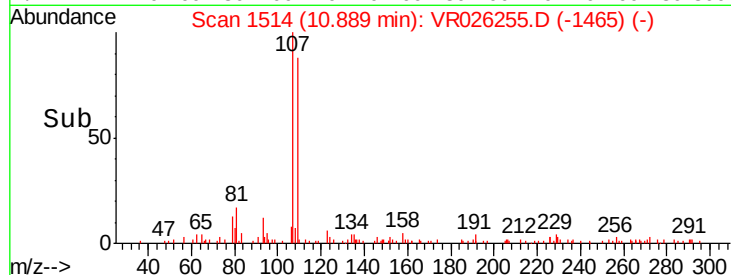
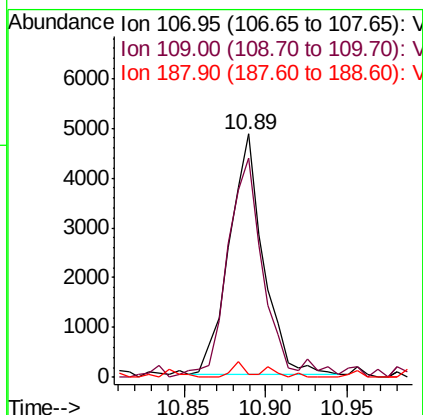
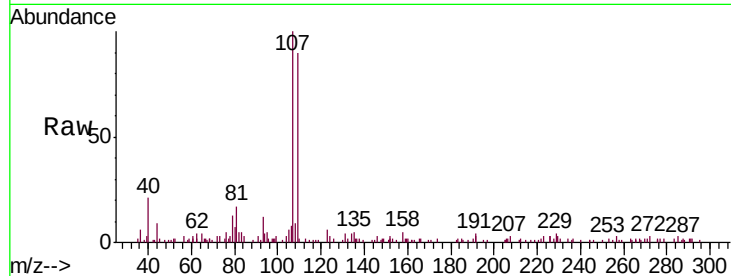




#50
1,2-Dibromoethane
Concen: 0.523 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

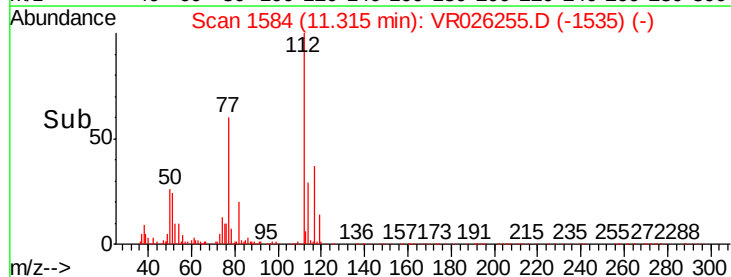
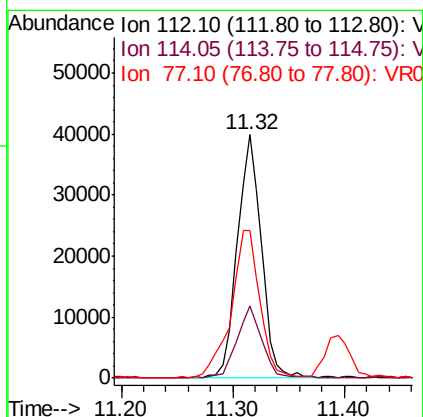
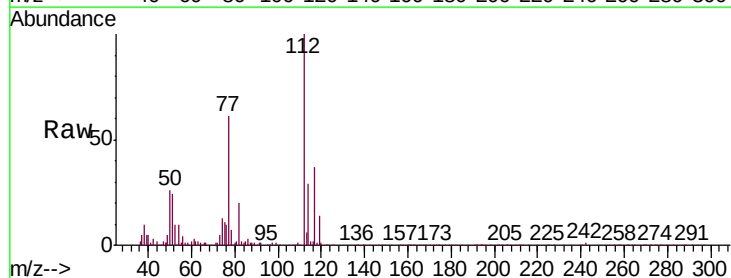
Instrument :
MSVOA_R
ClientSampleId :
VSTD0.596

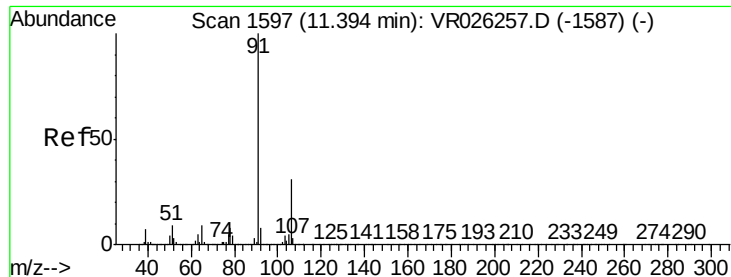
Tgt Ion:107 Resp: 6996
Ion Ratio Lower Upper
107 100
109 89.8 66.6 123.6
188 1.1 2.0 3.0#



#51
Chlorobenzene
Concen: 0.578 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR026255.D
Acq: 21 Nov 2018 11:37

Tgt Ion:112 Resp: 59785
Ion Ratio Lower Upper
112 100
114 29.4 22.7 42.3
77 60.5 49.8 74.8





#52

Ethylbenzene

Concen: 0.508 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

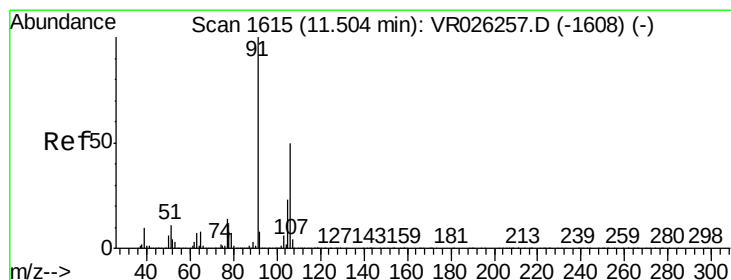
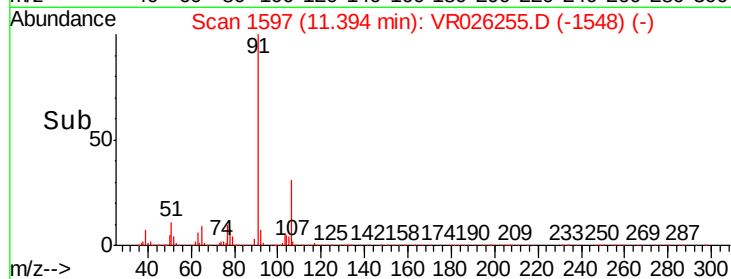
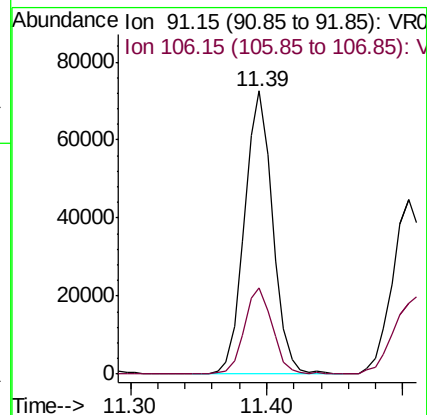
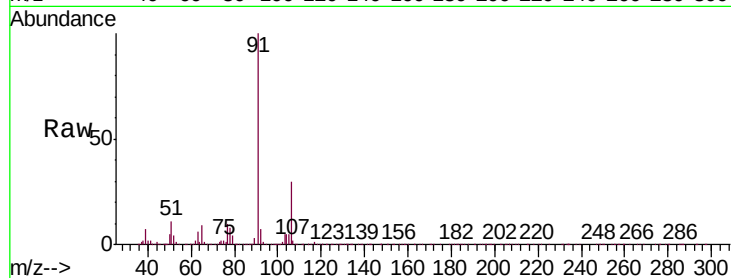
VSTD0.596

Tgt Ion: 91 Resp: 104583

Ion Ratio Lower Upper

91 100

106 30.4 22.0 41.0



#53

m,p-Xylene

Concen: 0.449 ug/L

RT: 11.51 min Scan# 1616

Delta R.T. 0.01 min

Lab File: VR026255.D

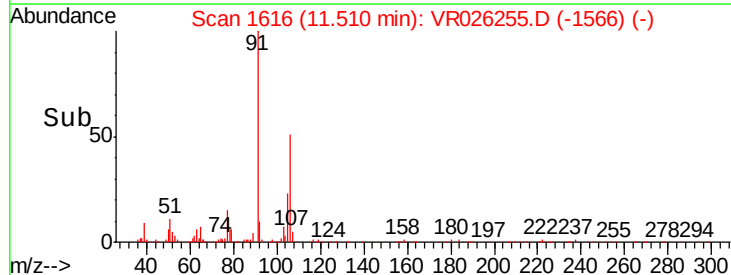
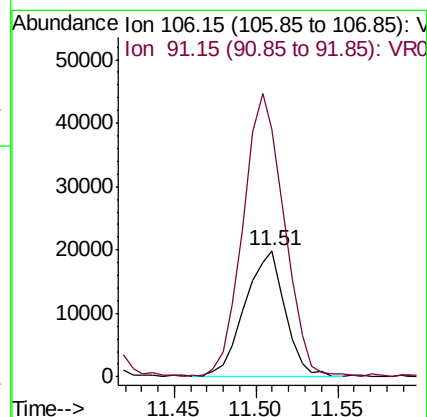
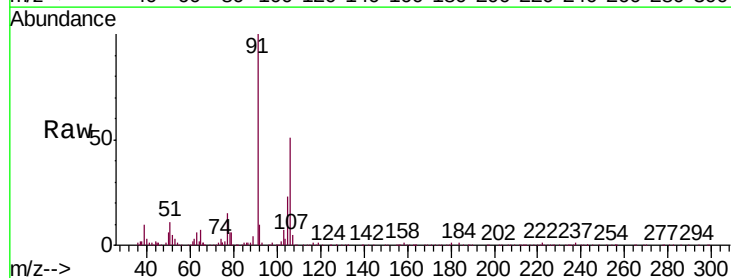
Acq: 21 Nov 2018 11:37

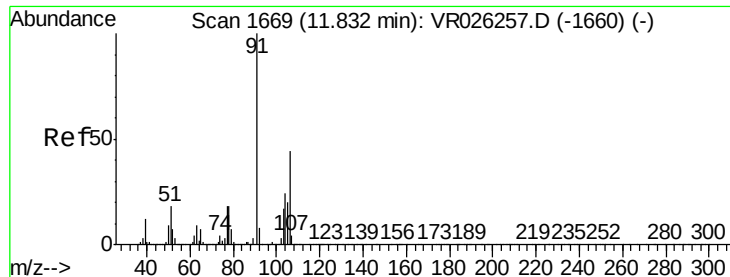
Tgt Ion: 106 Resp: 33648

Ion Ratio Lower Upper

106 100

91 195.8 141.2 262.2





#54

o-Xylene

Concen: 0.439 ug/L

RT: 11.83 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampled :

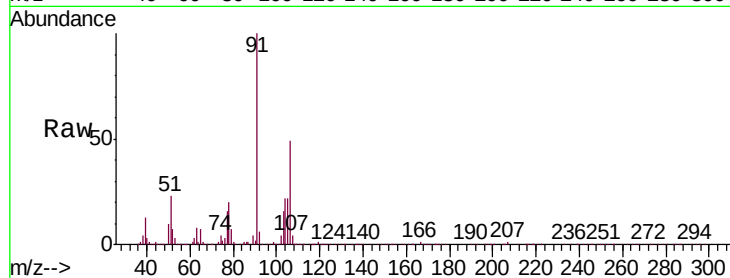
VSTD0.596

Tgt Ion:106 Resp: 29783

Ion Ratio Lower Upper

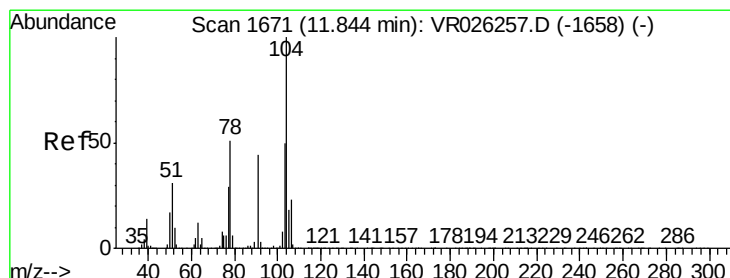
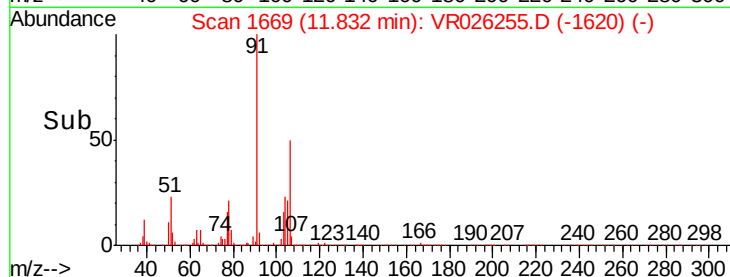
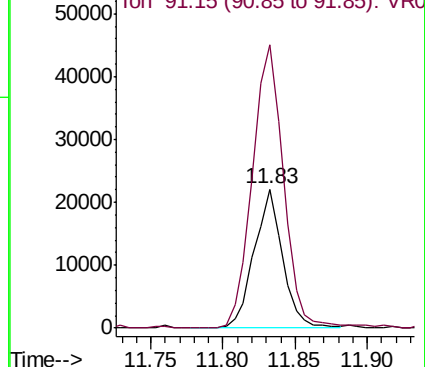
106 100

91 203.8 159.6 296.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#55

Styrene

Concen: 0.467 ug/L

RT: 11.84 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VR026255.D

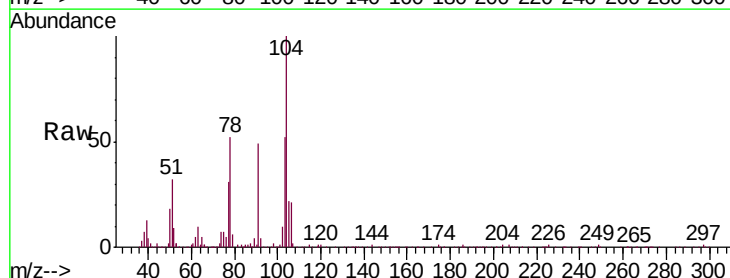
Acq: 21 Nov 2018 11:37

Tgt Ion:104 Resp: 50520

Ion Ratio Lower Upper

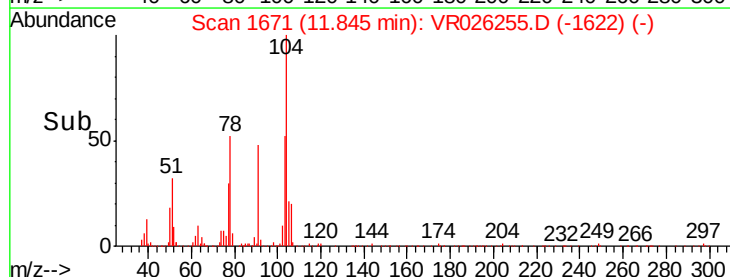
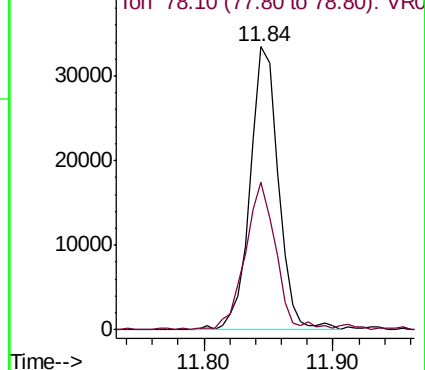
104 100

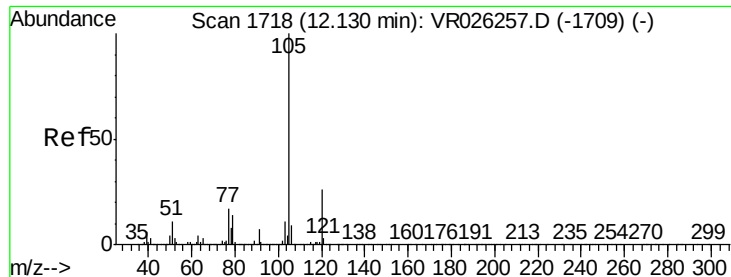
78 52.1 35.4 65.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VR0





#56

Isopropylbenzene

Concen: 0.447 ug/L

RT: 12.13 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

VSTD0.596

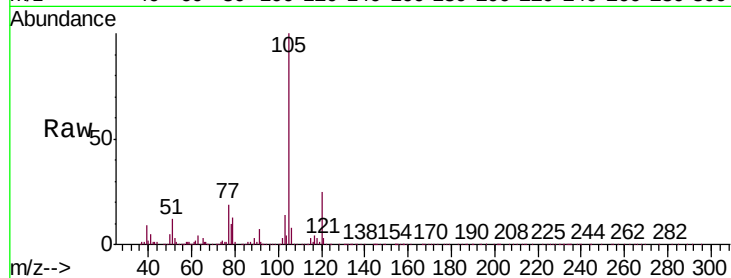
Tgt Ion:105 Resp: 84324

Ion Ratio Lower Upper

105 100

120 27.3 20.3 30.5

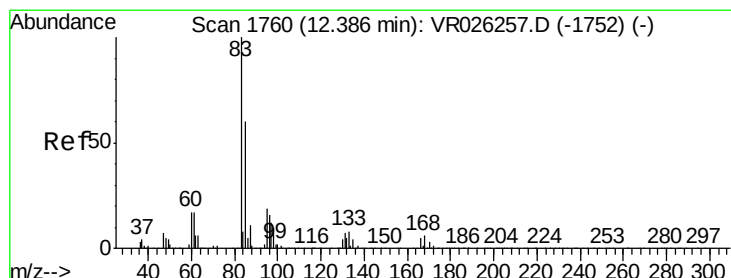
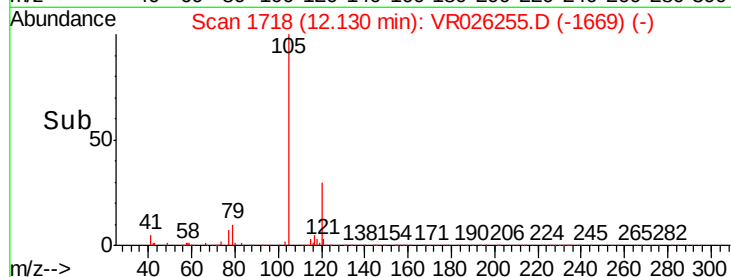
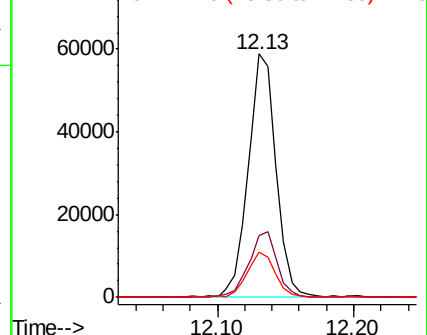
77 19.0 13.8 20.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VR0



#58

1,1,2,2-Tetrachloroethane

Concen: 0.558 ug/L

RT: 12.39 min Scan# 1760

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

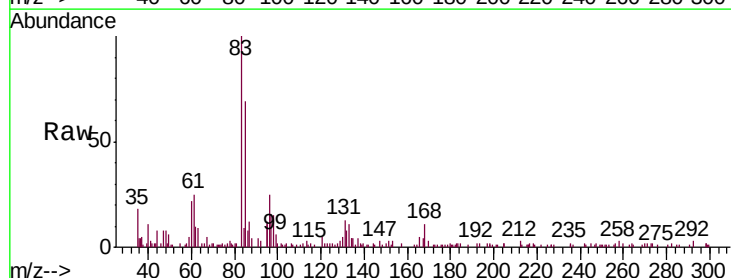
Tgt Ion: 83 Resp: 8504

Ion Ratio Lower Upper

83 100

85 68.8 42.3 78.5

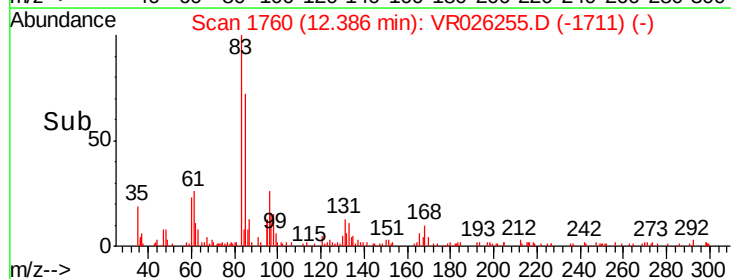
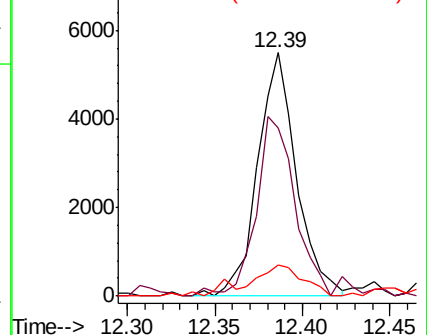
131 12.7 5.4 8.2#

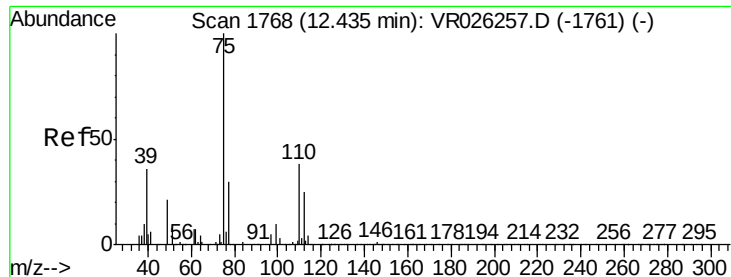


Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 130.95 (130.65 to 131.65): V

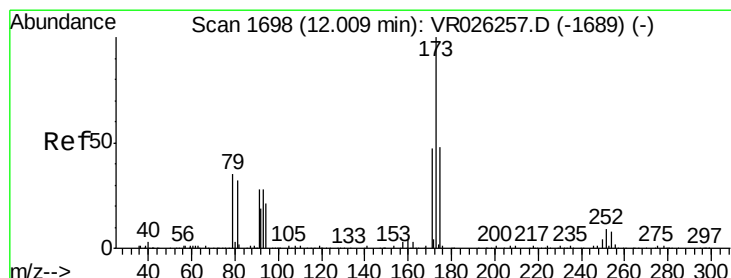
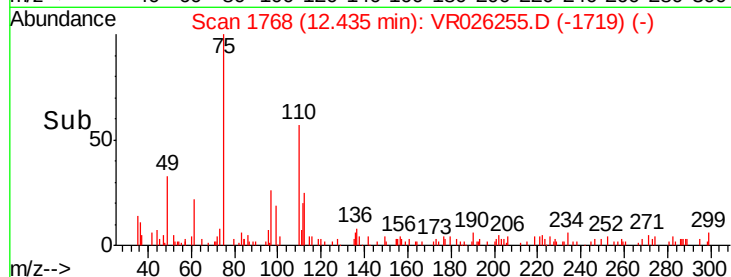
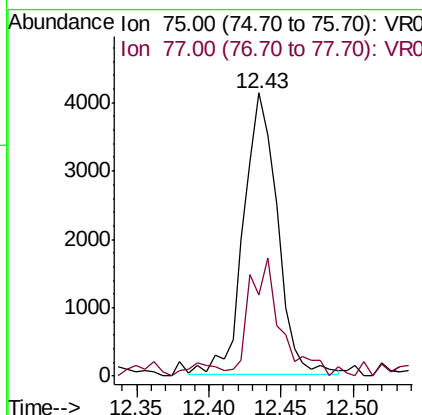
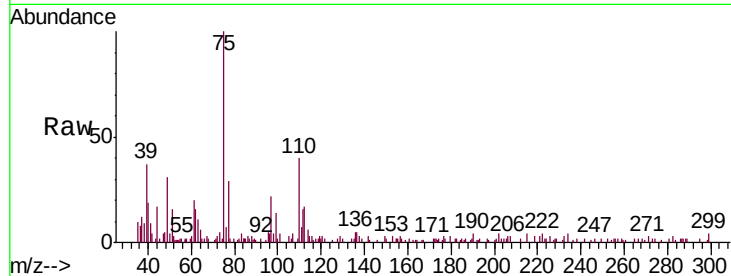




#59
 1,2,3-Trichloropropane
 Concen: 0.596 ug/L
 RT: 12.43 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

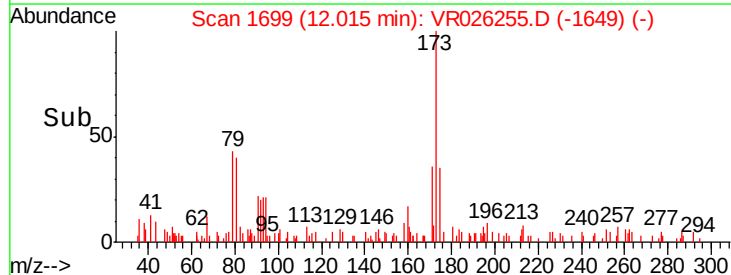
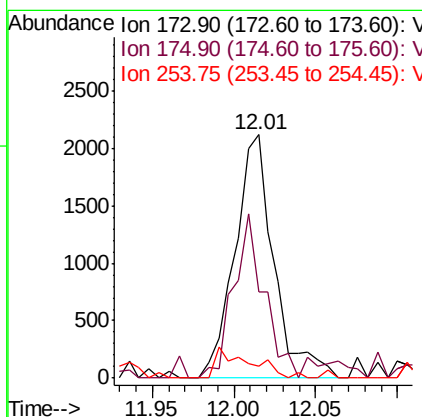
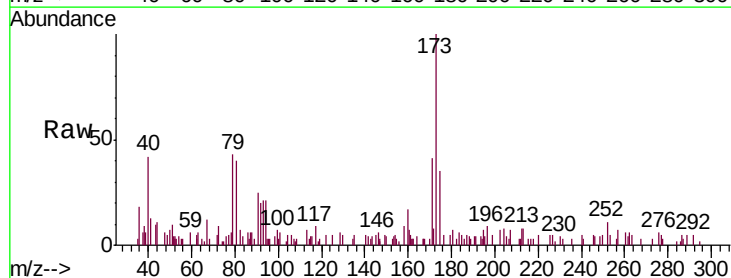
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

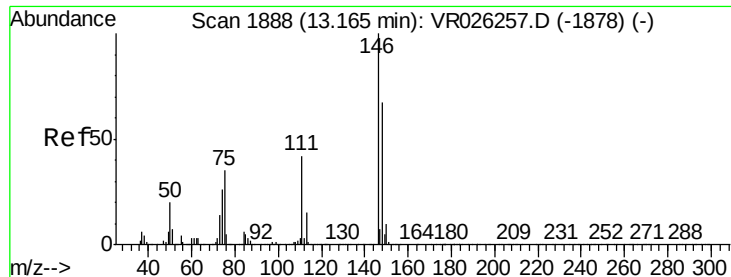
Tgt Ion: 75 Resp: 6653
 Ion Ratio Lower Upper
 75 100
 77 39.9 25.1 37.7#



#61
 Bromoform
 Concen: 0.533 ug/L
 RT: 12.01 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Tgt Ion: 173 Resp: 3537
 Ion Ratio Lower Upper
 173 100
 175 52.3 37.8 56.6
 254 11.2 7.6 11.4

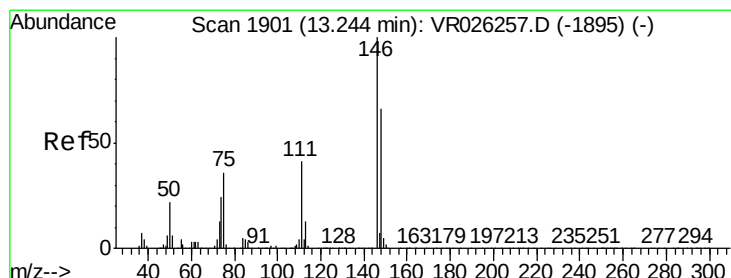
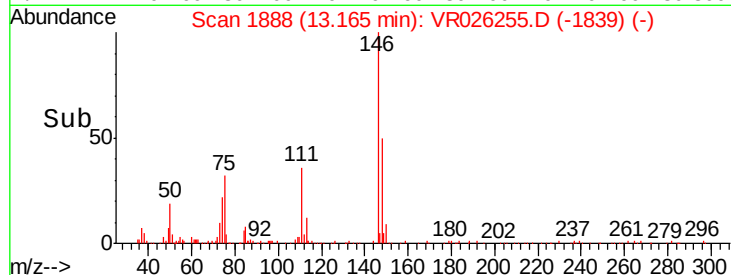
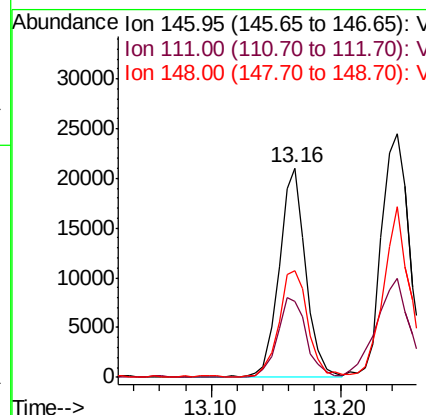
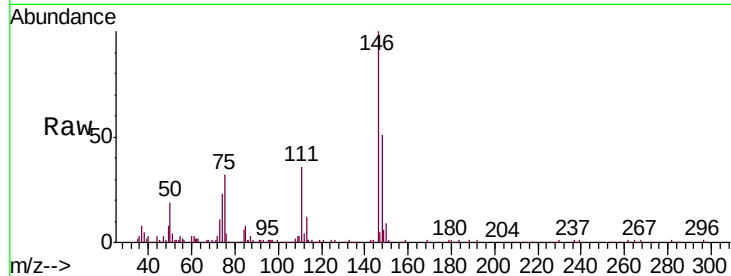




#62
 1,3-Dichlorobenzene
 Concen: 0.564 ug/L
 RT: 13.16 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

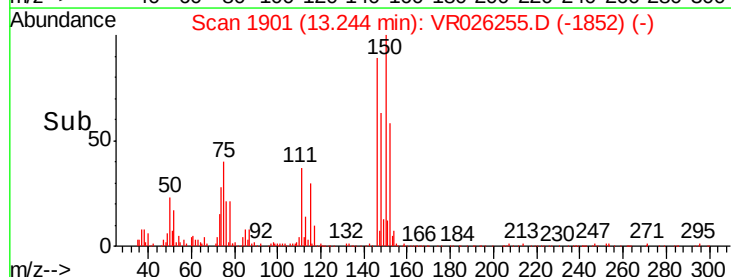
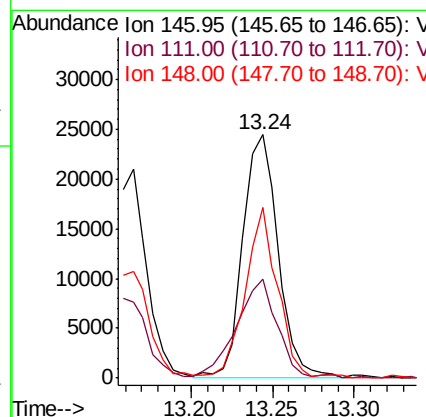
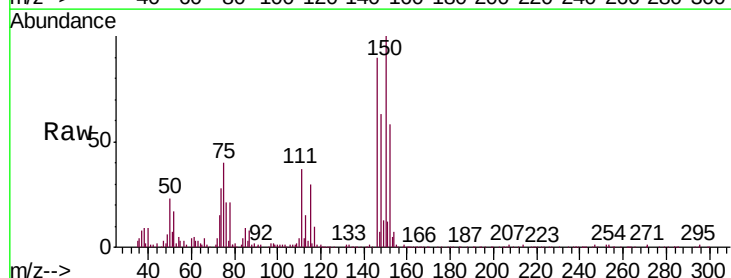
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

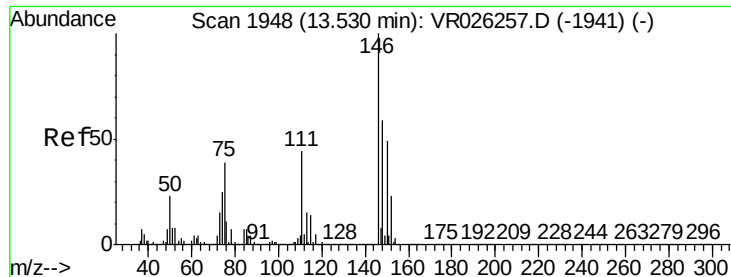
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	29.4	54.6
148	50.8	46.5	86.5



#63
 1,4-Dichlorobenzene
 Concen: 0.624 ug/L
 RT: 13.24 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.9	53.7
148	70.0	46.3	85.9

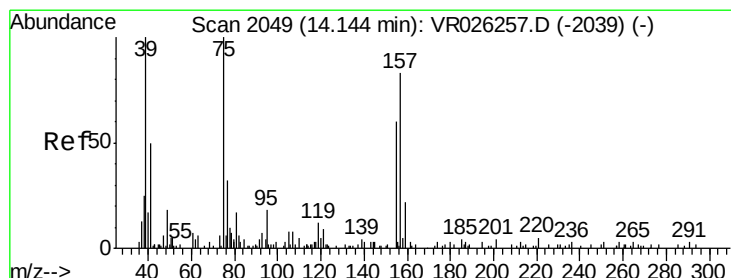
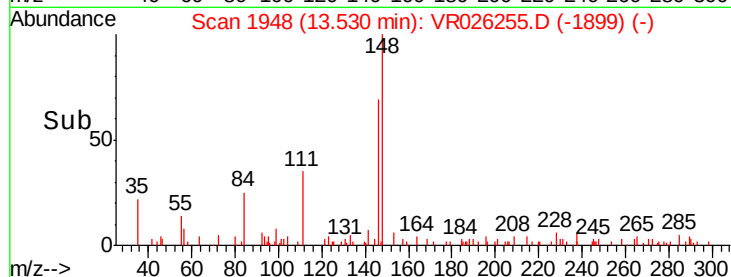
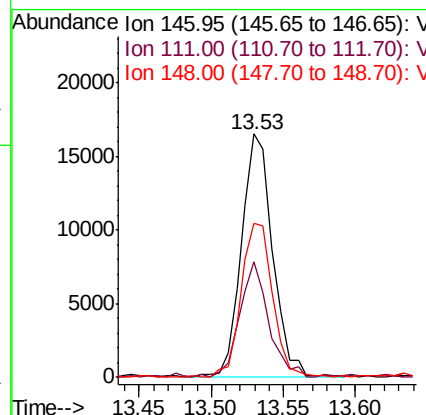
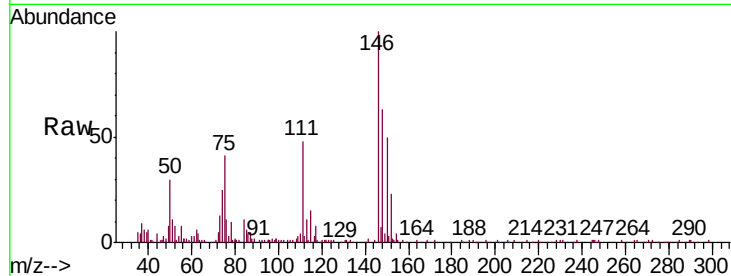




#65
 1,2-Dichlorobenzene
 Concen: 0.560 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

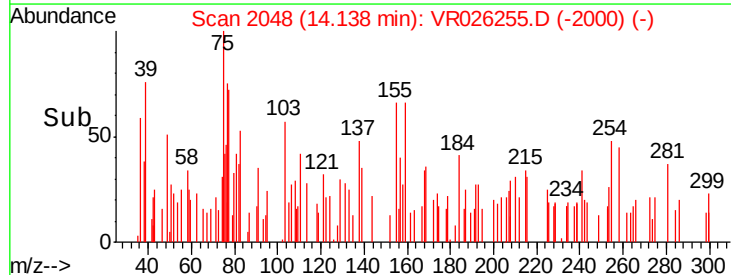
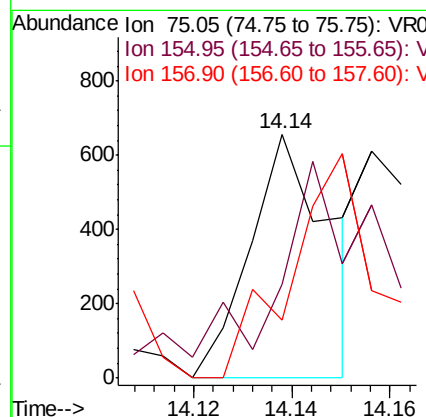
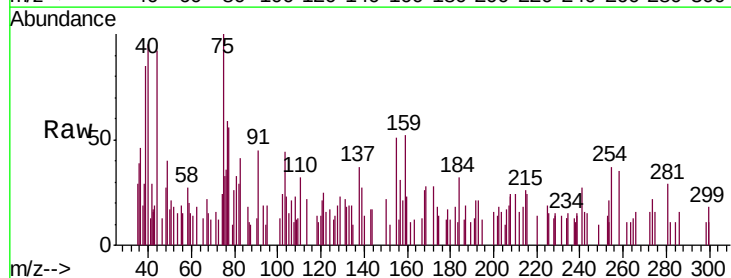
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

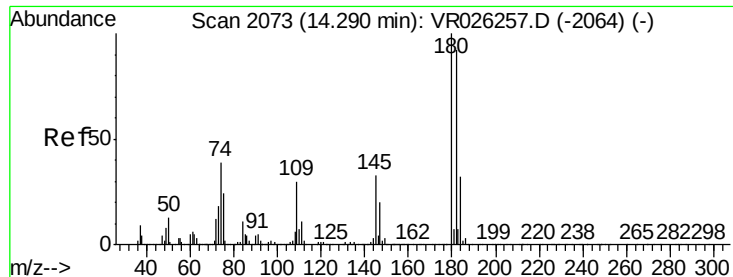
Tgt Ion: 146 Resp: 24794
 Ion Ratio Lower Upper
 146 100
 111 47.5 35.5 53.3
 148 63.1 47.6 71.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.490 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Tgt Ion: 75 Resp: 736
 Ion Ratio Lower Upper
 75 100
 155 38.7 47.9 71.9#
 157 23.6 66.5 99.7#

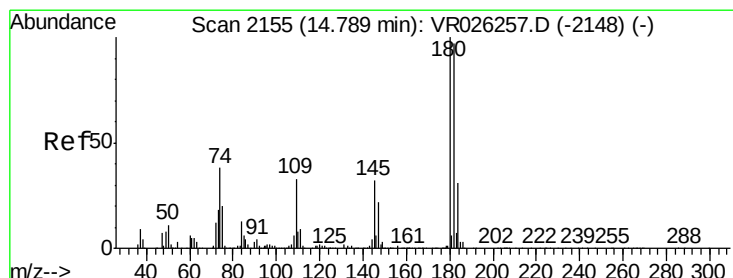
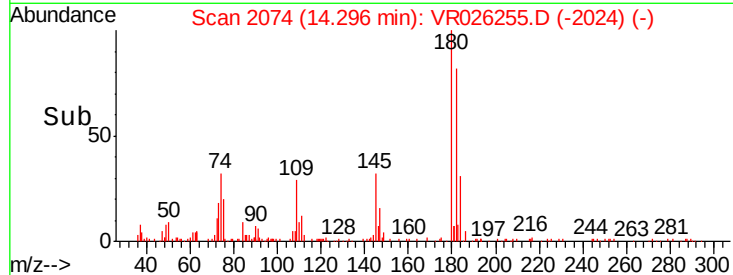
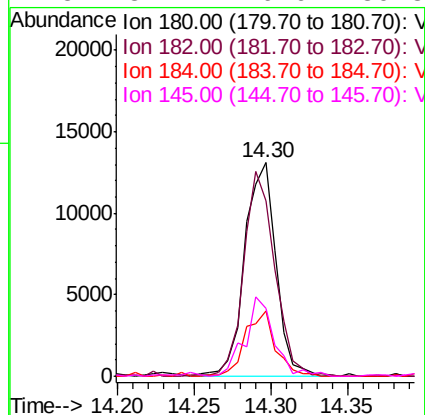
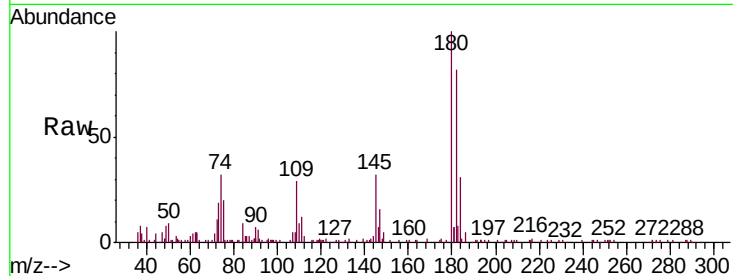




#67
 1,3,5-Trichlorobenzene
 Concen: 0.554 ug/L
 RT: 14.30 min Scan# 2074
 Delta R.T. 0.01 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

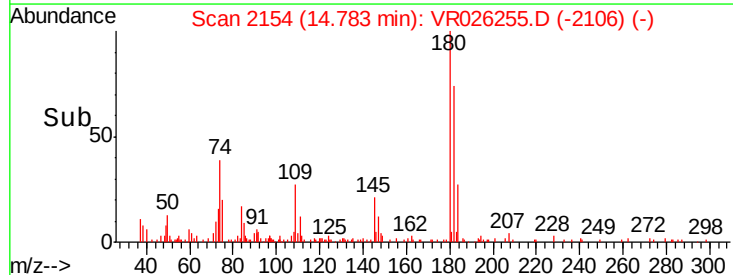
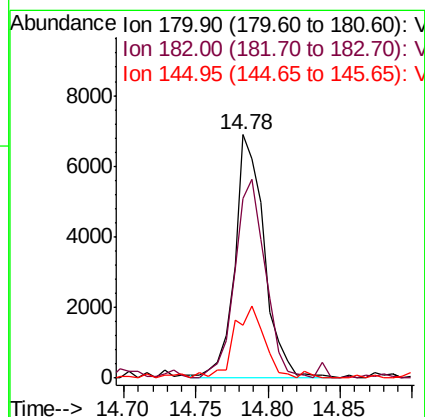
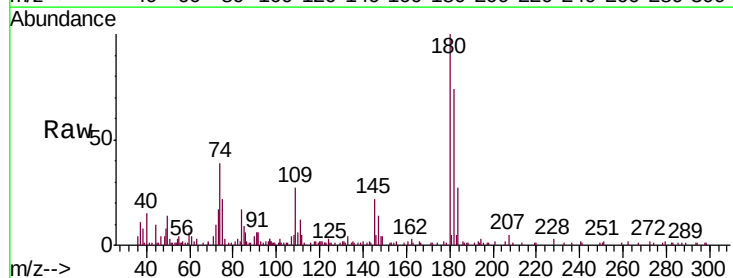
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

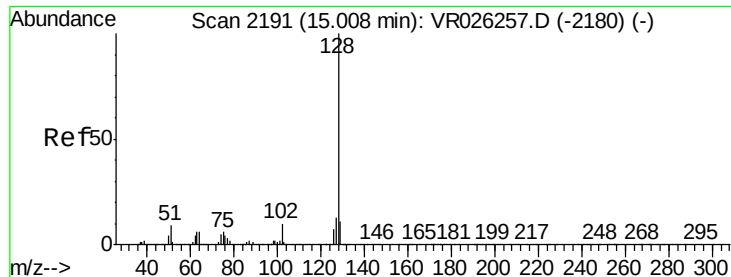
Tgt Ion:	180	Resp:	18583
Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.0	111.0
184	29.6	25.4	38.0
145	34.4	26.6	39.8



#68
 1,2,4-trichlorobenzene
 Concen: 0.530 ug/L
 RT: 14.78 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: VR026255.D
 Acq: 21 Nov 2018 11:37

Tgt Ion:	180	Resp:	9870
Ion	Ratio	Lower	Upper
180	100		
182	84.4	74.9	112.3
145	30.4	26.0	39.0





#69

Naphthalene

Concen: 0.434 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. -0.01 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_R

ClientSampleId :

VSTD0.596

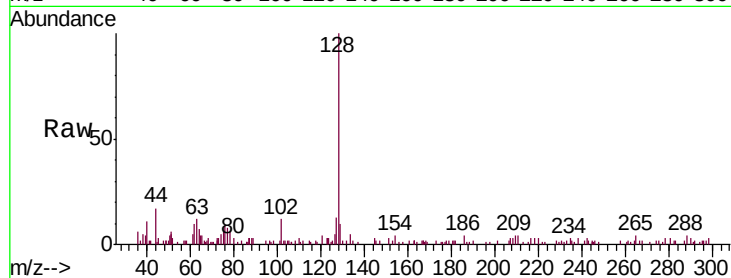
Tgt Ion:128 Resp: 7891

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

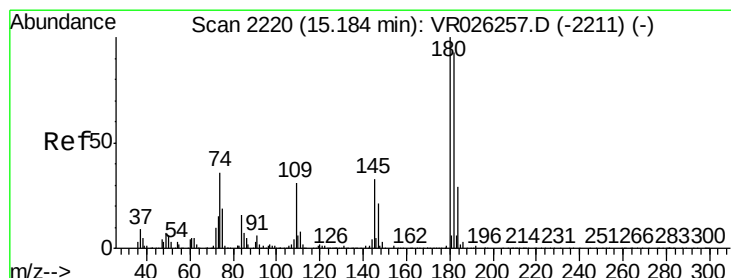
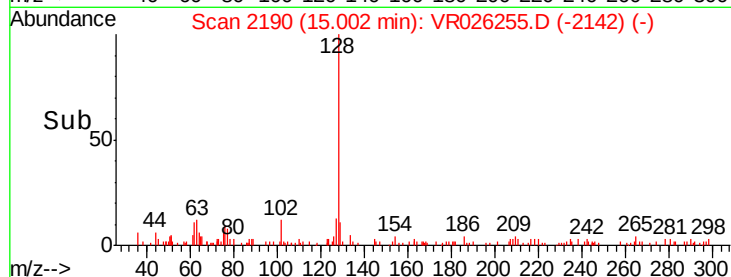
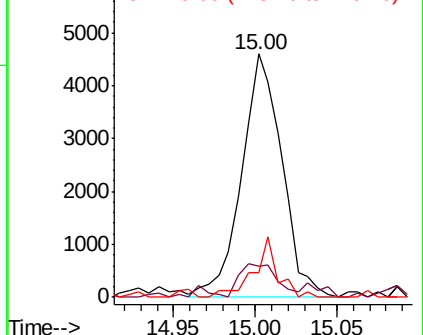
129 14.7 9.2 13.8#



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: 0.555 ug/L

RT: 15.18 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VR026255.D

Acq: 21 Nov 2018 11:37

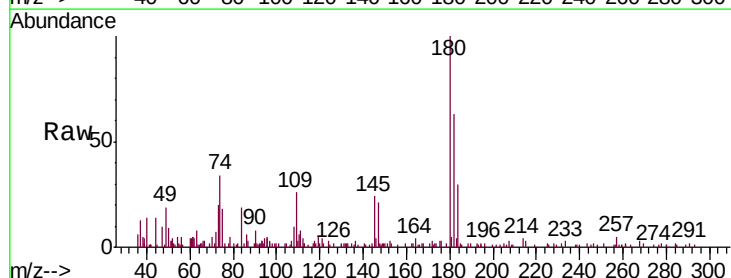
Tgt Ion:180 Resp: 7668

Ion Ratio Lower Upper

180 100

182 81.4 73.9 110.9

145 32.3 28.2 42.2



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

