

Data File : VR026257.D
Acq On : 21 Nov 2018 12:43
Operator : SY/MD
Sample : VSTD00598
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00598

Quant Time: Nov 27 06:11:42 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	547696	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	469553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	187765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	226985	4.68	ug/L	0.00
7) Chloroethane-d5	2.63	69	194471	4.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	539932	4.60	ug/L	0.00
20) 2-Butanone-d5	6.59	46	187852	50.79	ug/L	0.00
24) Chloroform-d	7.20	84	387619	4.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	157615	4.88	ug/L	0.00
32) Benzene-d6	7.85	84	782736	4.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	200687	4.86	ug/L	0.00
41) Toluene-d8	9.97	98	759373	5.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	51919	4.64	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	135622	53.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79574	4.69	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	149142	4.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	166426	4.420 ug/L	100
3) Chloromethane	2.02	50	236558	4.558 ug/L	100
5) Vinyl chloride	2.17	62	242470	4.725 ug/L	100
6) Bromomethane	2.53	94	157836	4.597 ug/L	100
8) Chloroethane	2.66	64	147257	4.581 ug/L	100
9) Trichlorofluoromethane	2.93	101	136443	1.676 ug/L	# 16
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	206483	4.560 ug/L	100
12) 1,1-Dichloroethene	3.64	96	222624	4.548 ug/L	100
13) Acetone	3.70	43	170027	50.223 ug/L	100
14) Carbon disulfide	3.94	76	552270	4.472 ug/L	100
15) Methyl Acetate	4.19	43	43275	4.724 ug/L	100
16) Methylene chloride	4.41	84	191657	4.291 ug/L	100
17) Methyl tert-butyl Ether	4.89	73	215067	4.434 ug/L	100
18) trans-1,2-Dichloroethene	4.88	96	189975	4.585 ug/L	100
19) 1,1-Dichloroethane	5.69	63	347316	4.601 ug/L	100
21) 2-Butanone	6.69	43	215149	49.808 ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	180514	4.879 ug/L	100
23) Bromochloromethane	7.05	128	51471	4.474 ug/L	100
25) Chloroform	7.23	83	355587	4.267 ug/L	100
27) 1,2-Dichloroethane	7.99	62	157606	4.591 ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	298521	4.593 ug/L	100
30) Cyclohexane	7.52	56	288170	5.162 ug/L	100
31) Carbon tetrachloride	7.64	117	266493	4.575 ug/L	100
33) Benzene	7.91	78	805049	4.733 ug/L	100
34) Trichloroethene	8.71	95	200732	4.540 ug/L	100
35) Methylcyclohexane	8.95	83	298664	5.004 ug/L	100
37) 1,2-Dichloropropane	9.00	63	166530	4.684 ug/L	100
38) Bromodichloromethane	9.28	83	195102	4.646 ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	201476	5.042 ug/L	100
40) 4-Methyl-2-pentanone	9.87	43	525047	51.604 ug/L	100

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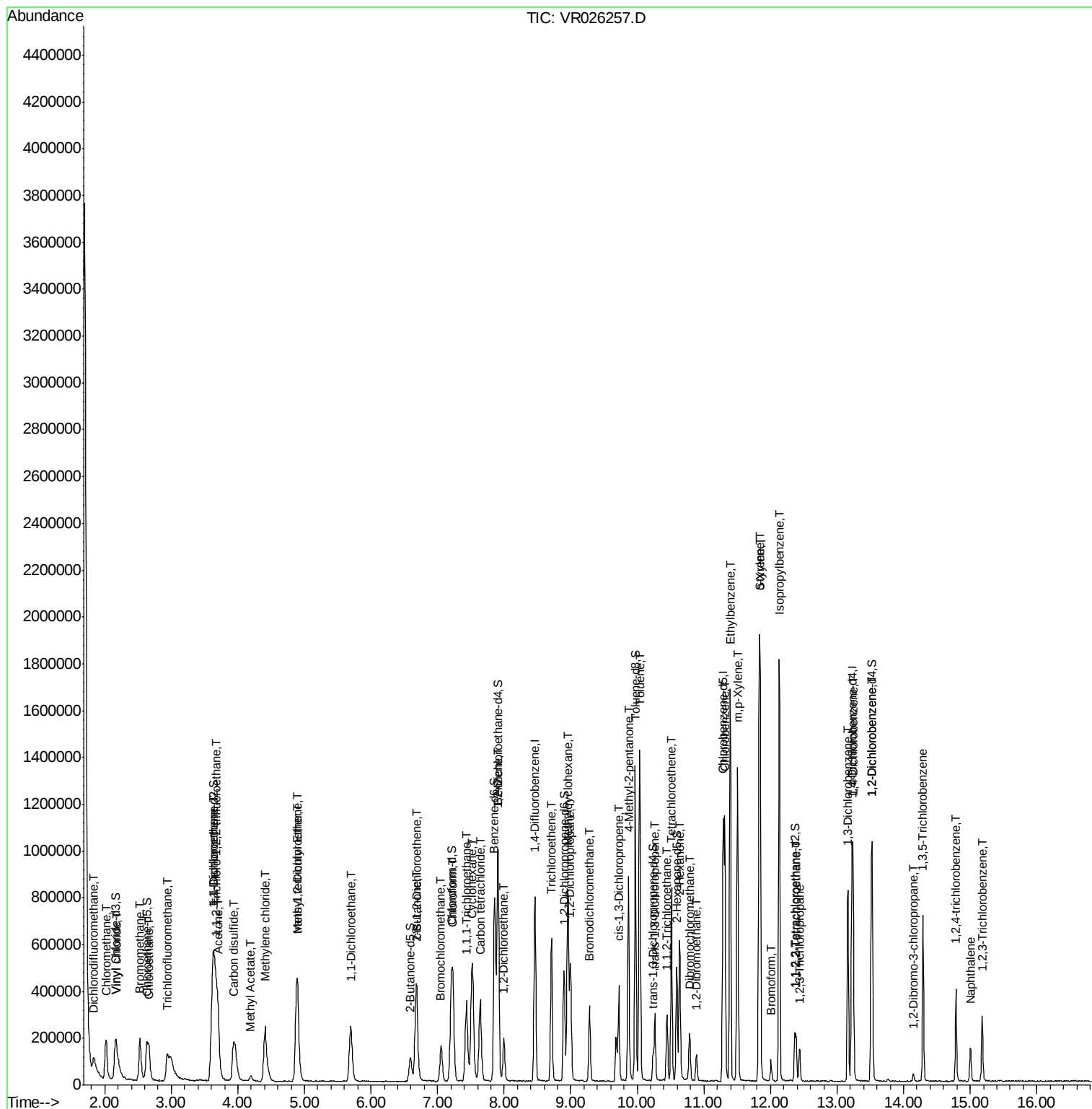
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	895681	4.852	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	130659	4.828	ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	72307	4.574	ug/L	100
47) Tetrachloroethene	10.51	164	147779	4.637	ug/L	100
48) 2-Hexanone	10.63	43	353497	51.911	ug/L	100
49) Dibromochloromethane	10.79	129	87322	4.593	ug/L	100
50) 1,2-Dibromoethane	10.89	107	62497	4.712	ug/L	100
51) Chlorobenzene	11.32	112	470321	4.585	ug/L	100
52) Ethylbenzene	11.39	91	1005767	4.928	ug/L	100
53) m,p-Xylene	11.50	106	374847	5.047	ug/L	100
54) o-Xylene	11.83	106	336203	4.996	ug/L	100
55) Styrene	11.84	104	523974	4.888	ug/L	100
56) Isopropylbenzene	12.13	105	952966	5.098	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	71339	4.717	ug/L	100
59) 1,2,3-Trichloropropane	12.43	75	52089	4.709	ug/L	100
61) Bromoform	12.01	173	34459	4.674	ug/L	100
62) 1,3-Dichlorobenzene	13.16	146	270853	4.541	ug/L	100
63) 1,4-Dichlorobenzene	13.24	146	282625	4.301	ug/L	100
65) 1,2-Dichlorobenzene	13.53	146	229857	4.677	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.14	75	7332	4.397	ug/L	100
67) 1,3,5-Trichlorobenzene	14.29	180	166588	4.474	ug/L	100
68) 1,2,4-trichlorobenzene	14.79	180	96943	4.690	ug/L	100
69) Naphthalene	15.01	128	96385	4.771	ug/L	100
70) 1,2,3-Trichlorobenzene	15.18	180	72750	4.744	ug/L	100

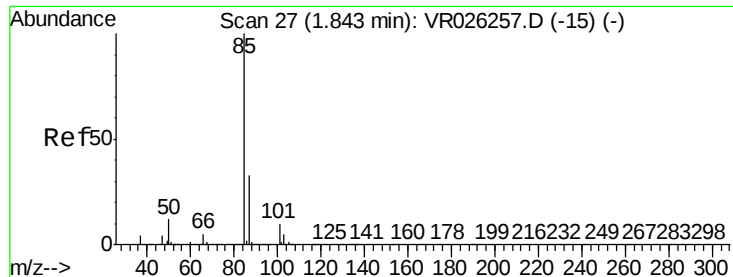
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.420 ug/L

RT: 1.84 min Scan# 27

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

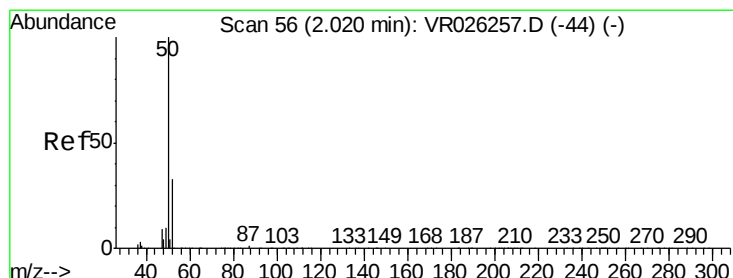
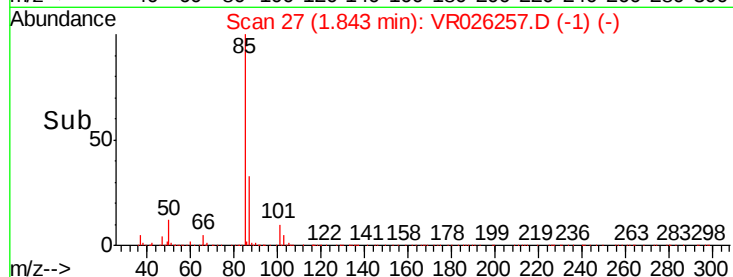
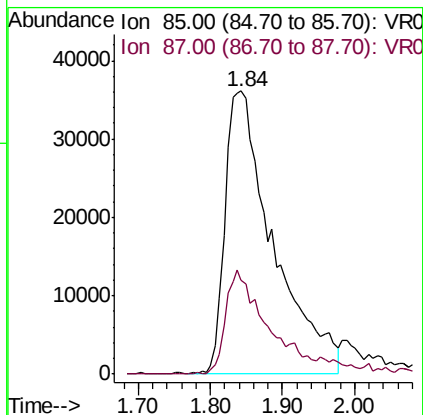
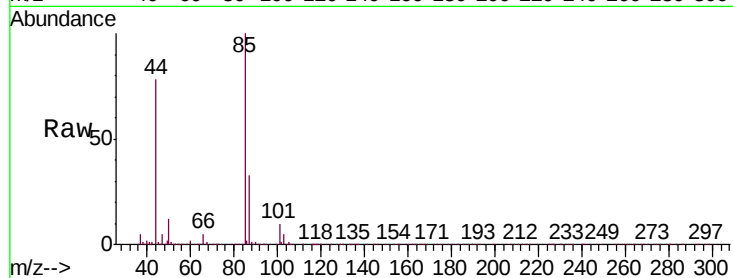
VSTD00598

Tgt Ion: 85 Resp: 166426

Ion Ratio Lower Upper

85 100

87 32.0 25.6 38.4



#3

Chloromethane

Concen: 4.558 ug/L

RT: 2.02 min Scan# 56

Delta R.T. 0.00 min

Lab File: VR026257.D

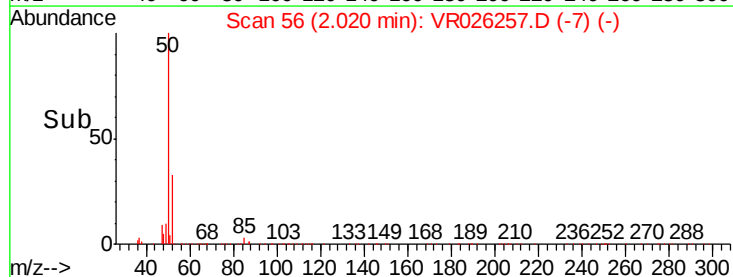
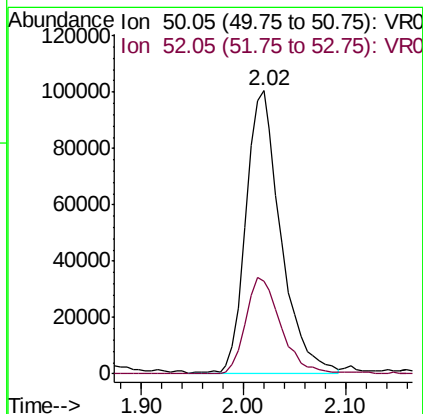
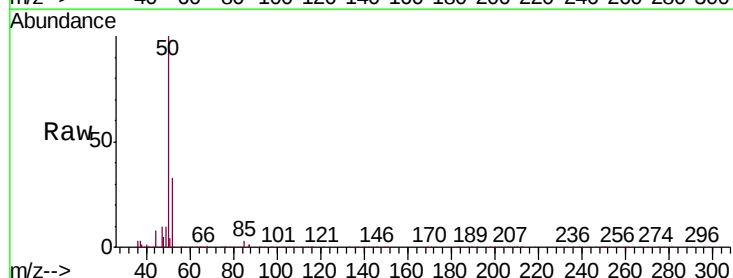
Acq: 21 Nov 2018 12:43

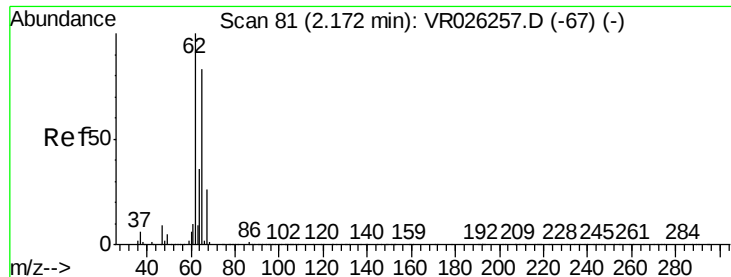
Tgt Ion: 50 Resp: 236558

Ion Ratio Lower Upper

50 100

52 32.9 23.0 42.8





#5

Vinyl chloride

Concen: 4.725 ug/L

RT: 2.17 min Scan# 81

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

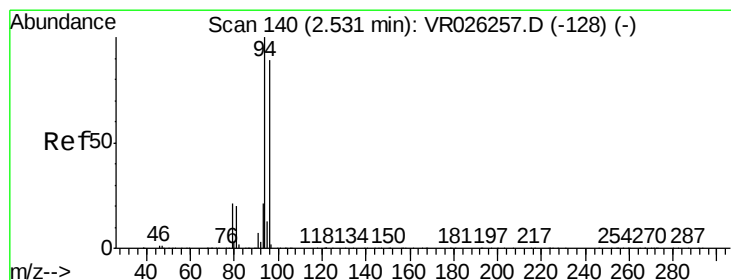
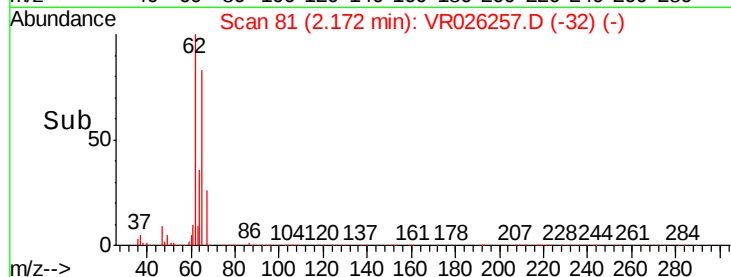
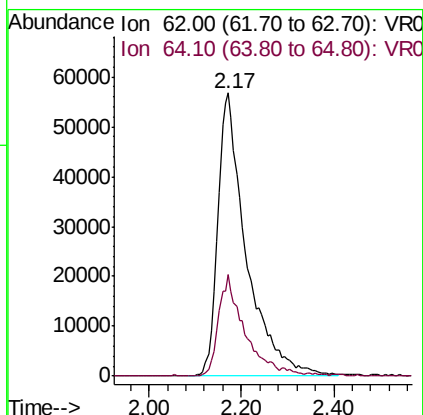
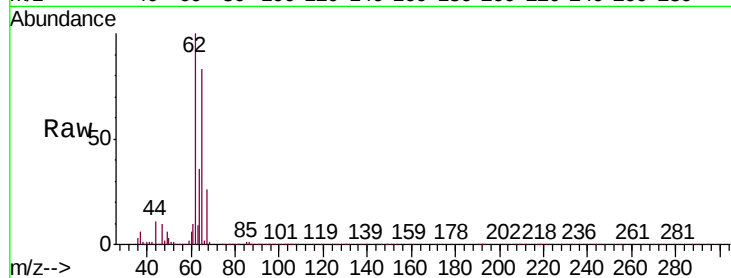
VSTD00598

Tgt Ion: 62 Resp: 242470

Ion Ratio Lower Upper

62 100

64 35.9 25.1 46.7



#6

Bromomethane

Concen: 4.597 ug/L

RT: 2.53 min Scan# 140

Delta R.T. 0.00 min

Lab File: VR026257.D

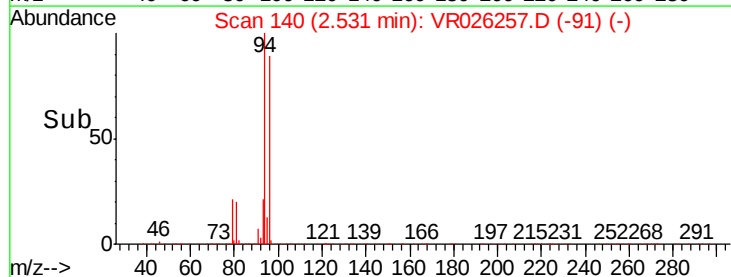
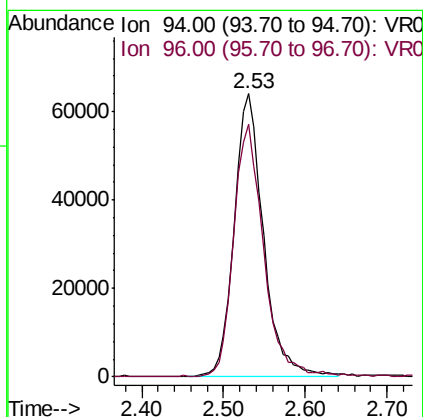
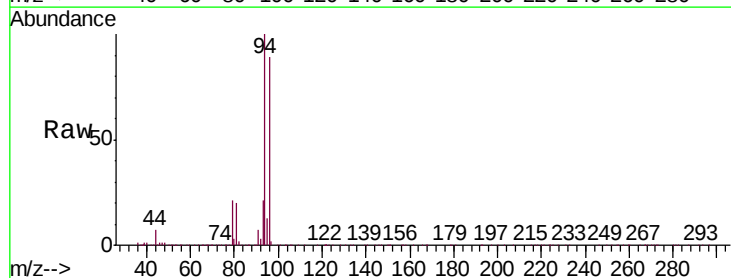
Acq: 21 Nov 2018 12:43

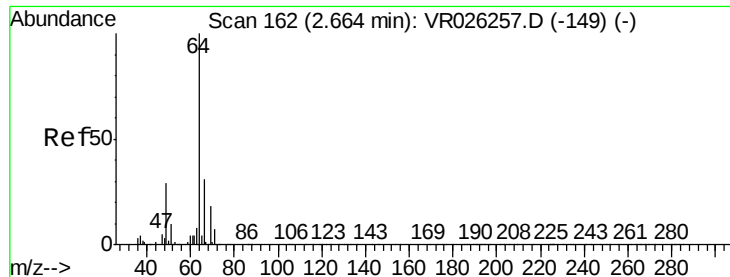
Tgt Ion: 94 Resp: 157836

Ion Ratio Lower Upper

94 100

96 89.1 62.4 115.8





#8

Chloroethane

Concen: 4.581 ug/L

RT: 2.66 min Scan# 162

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

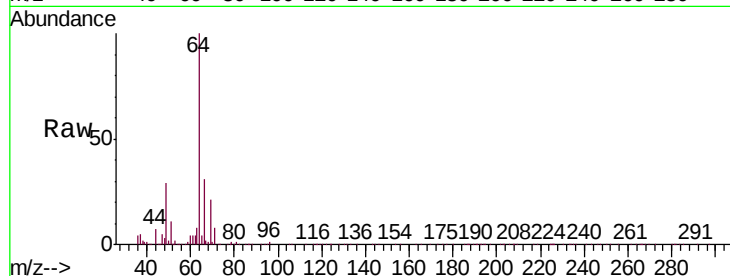
VSTD00598

Tgt Ion: 64 Resp: 147257

Ion Ratio Lower Upper

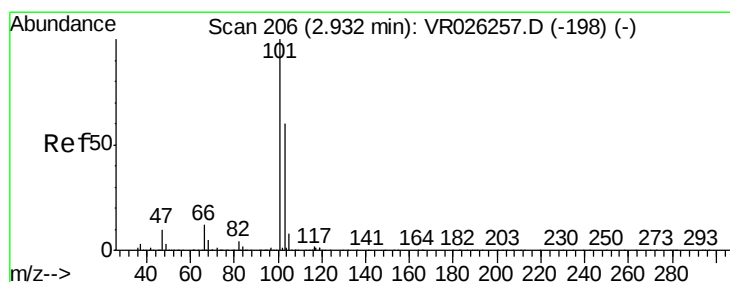
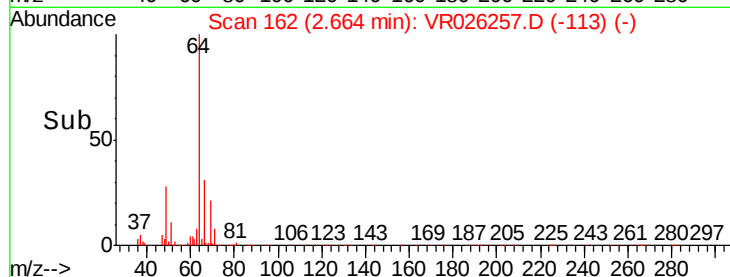
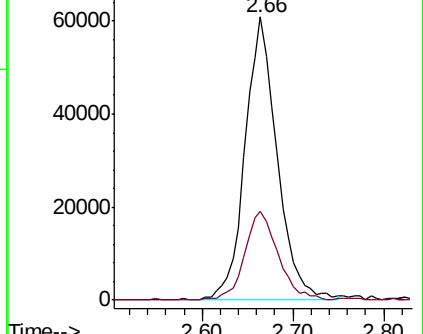
64 100

66 31.3 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: 1.676 ug/L

RT: 2.93 min Scan# 206

Delta R.T. 0.00 min

Lab File: VR026257.D

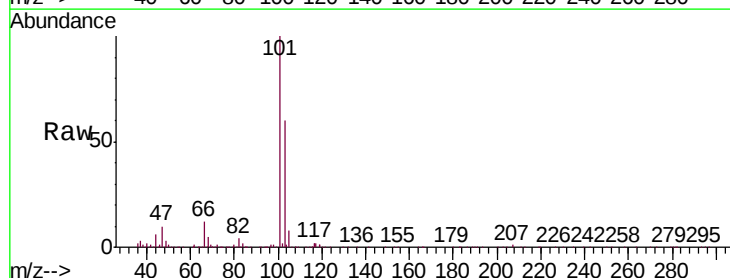
Acq: 21 Nov 2018 12:43

Tgt Ion: 101 Resp: 136443

Ion Ratio Lower Upper

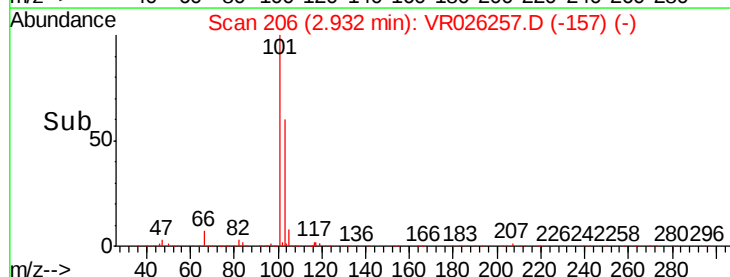
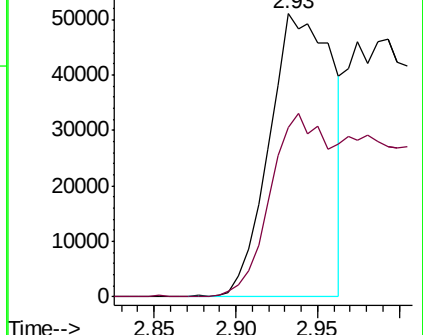
101 100

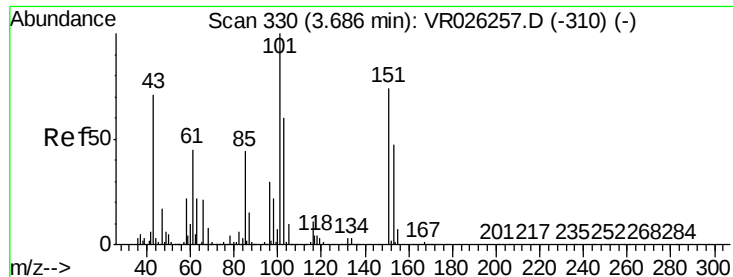
103 63.7 18.3 27.5#



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: 4.560 ug/L

RT: 3.69 min Scan# 330

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

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ClientSampleId :

VSTD00598

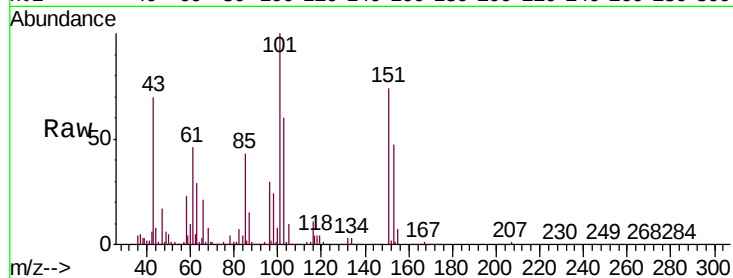
Tgt Ion:101 Resp: 206483

Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

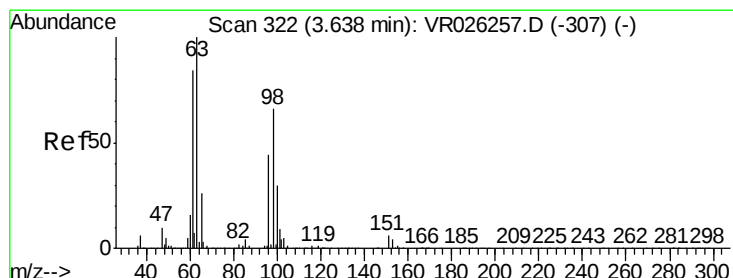
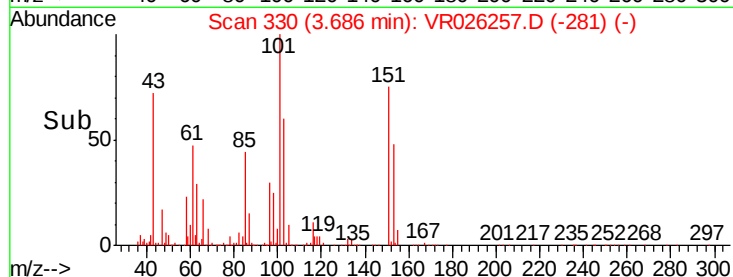
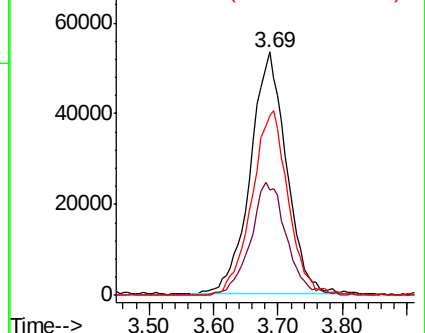
151 76.4 61.1 91.7



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: 4.548 ug/L

RT: 3.64 min Scan# 322

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

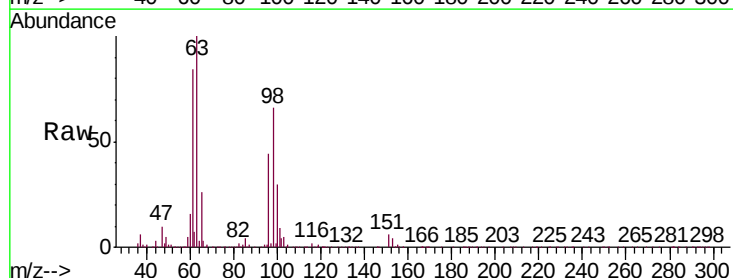
Tgt Ion: 96 Resp: 222624

Ion Ratio Lower Upper

96 100

61 193.6 135.5 251.7

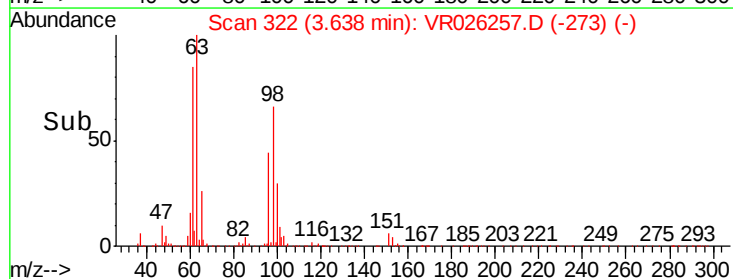
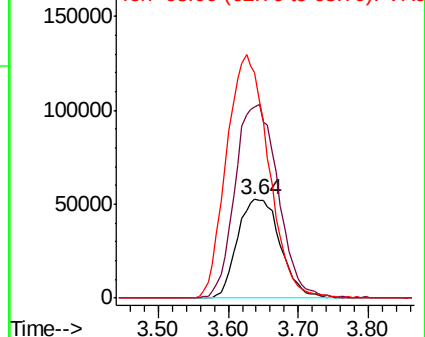
63 229.3 160.5 298.1

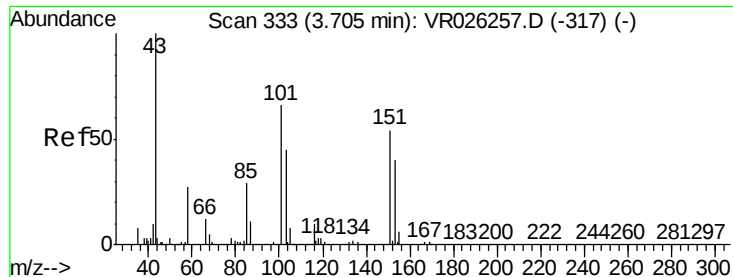


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0





#13

Acetone

Concen: 50.223 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.00 min

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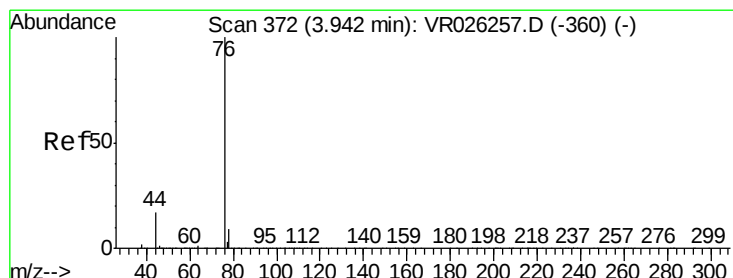
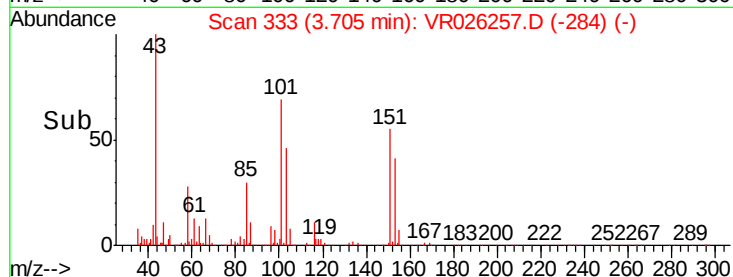
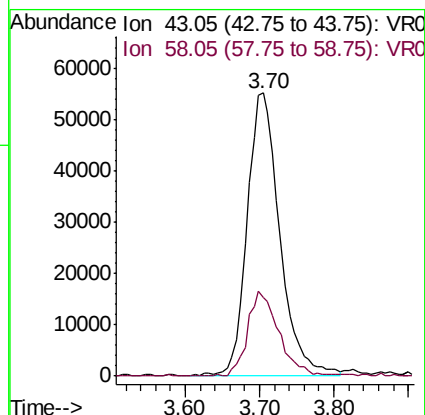
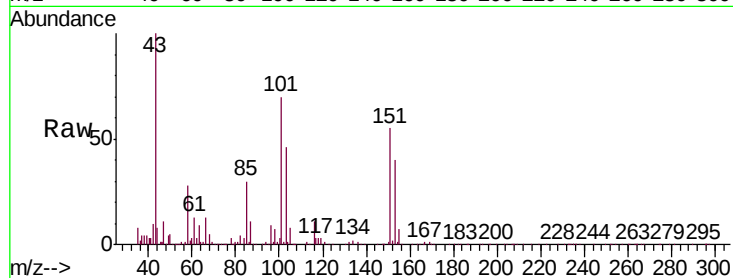
VSTD00598

Tgt Ion: 43 Resp: 170027

Ion Ratio Lower Upper

43 100

58 28.5 0.0 57.0



#14

Carbon disulfide

Concen: 4.472 ug/L

RT: 3.94 min Scan# 372

Delta R.T. 0.00 min

Lab File: VR026257.D

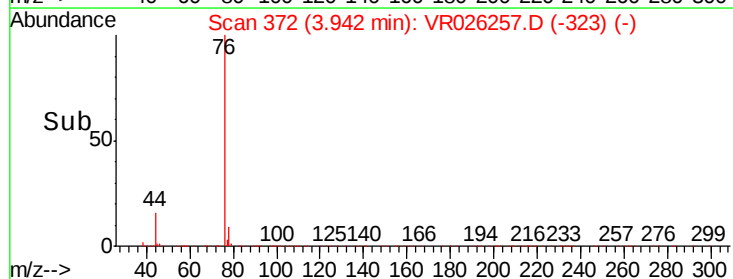
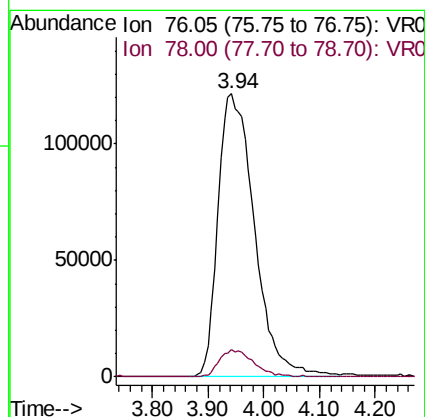
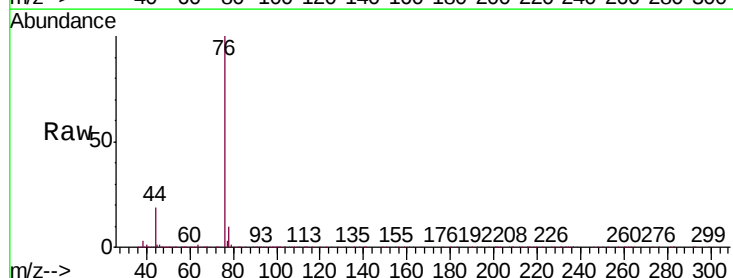
Acq: 21 Nov 2018 12:43

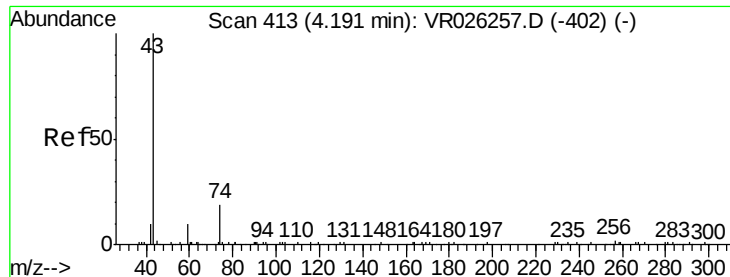
Tgt Ion: 76 Resp: 552270

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5





#15

Methyl Acetate

Concen: 4.724 ug/L

RT: 4.19 min Scan# 413

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

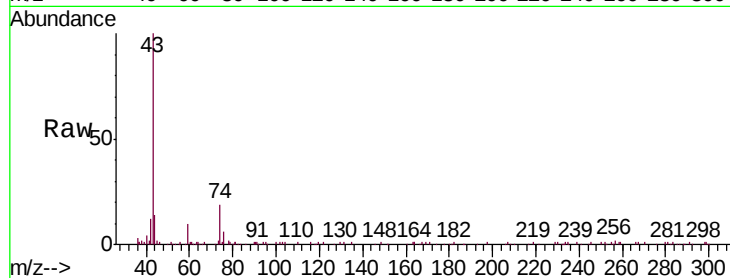
VSTD00598

Tgt Ion: 43 Resp: 43275

Ion Ratio Lower Upper

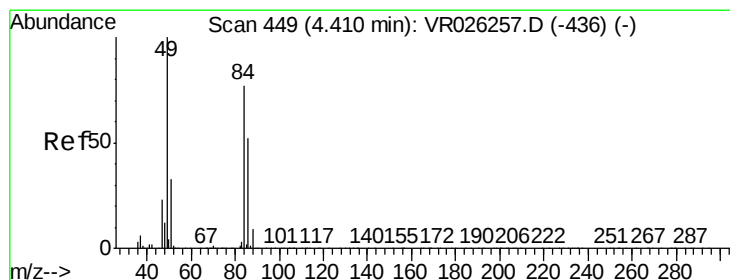
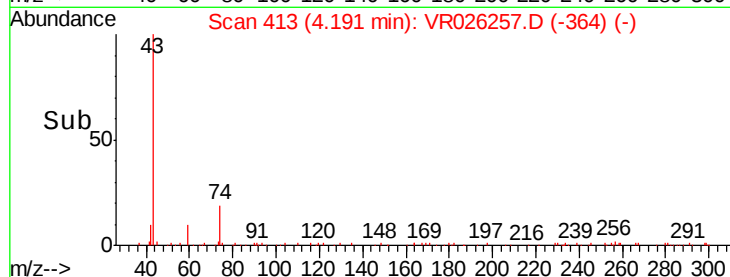
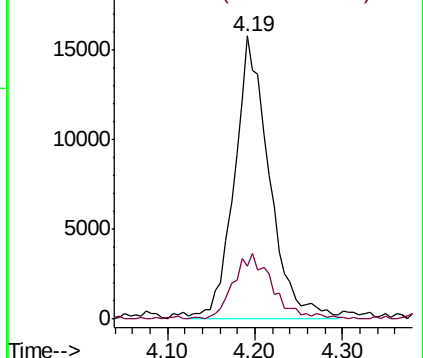
43 100

74 26.2 21.0 31.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0



#16

Methylene chloride

Concen: 4.291 ug/L

RT: 4.41 min Scan# 449

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

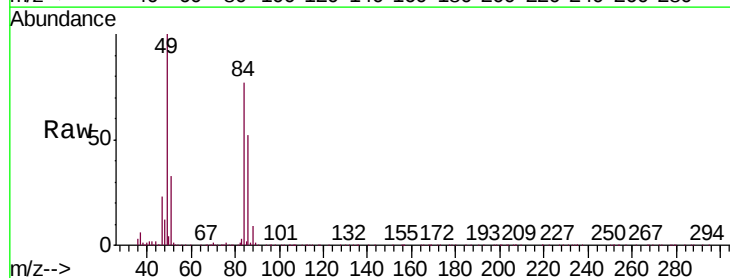
Tgt Ion: 84 Resp: 191657

Ion Ratio Lower Upper

84 100

86 66.9 46.8 87.0

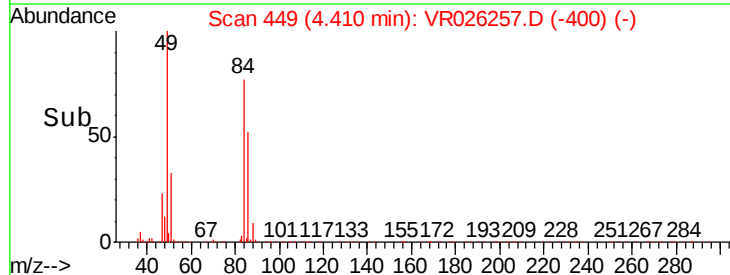
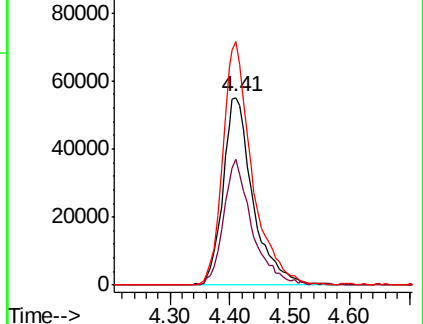
49 129.7 90.8 168.6

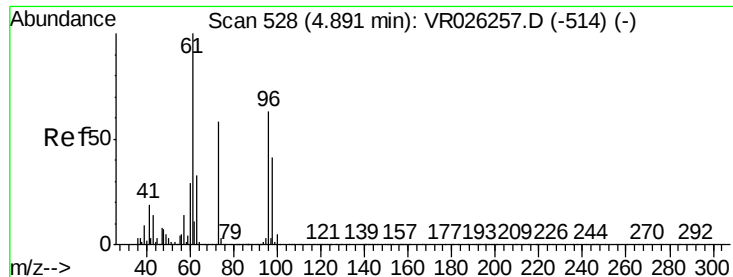


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

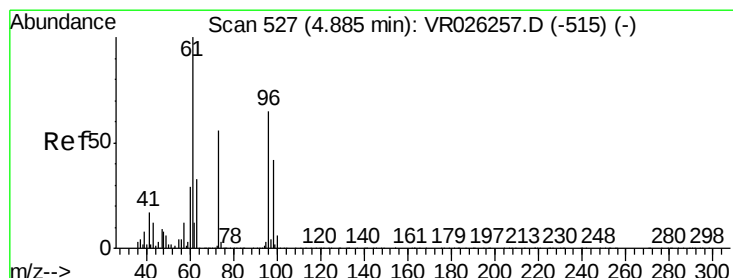
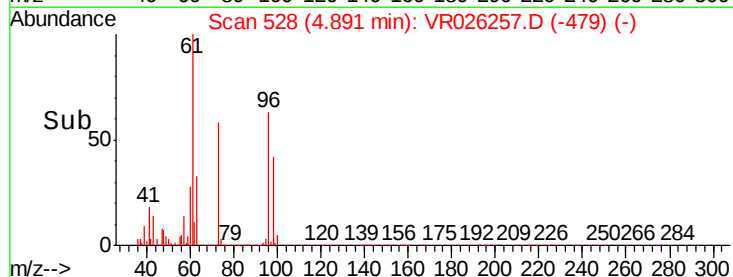
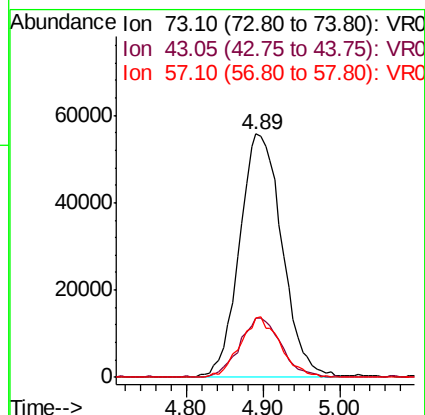
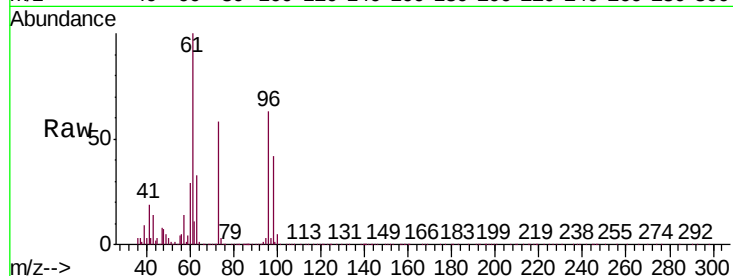




#17
Methyl tert-butyl Ether
Concen: 4.434 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

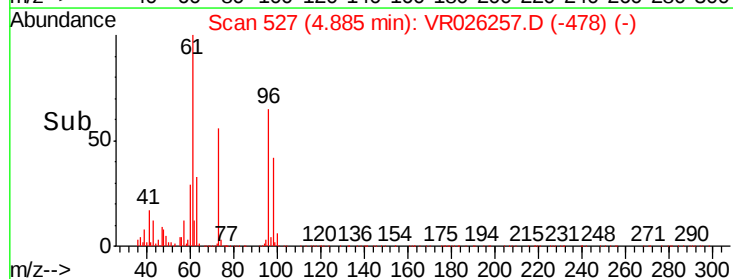
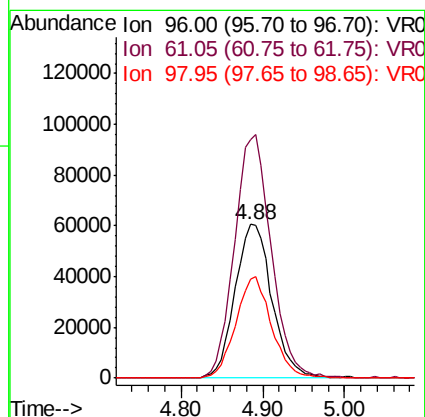
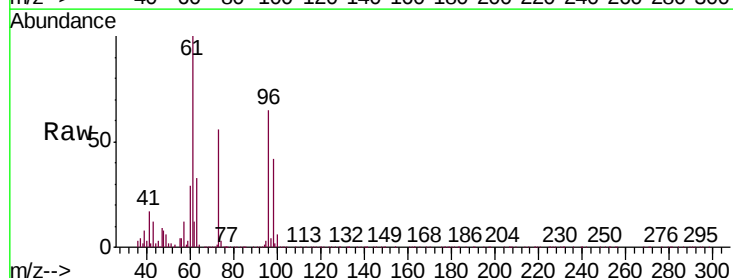
Instrument :
MSVOA_R
ClientSampleId :
VSTD00598

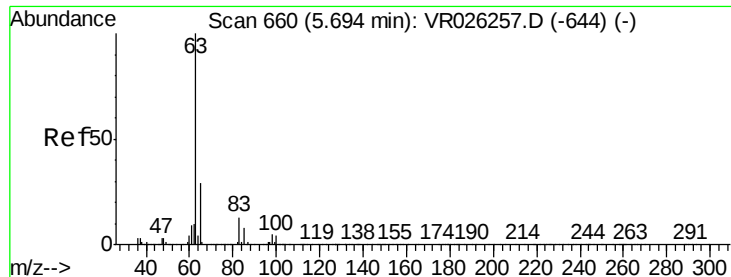
Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.8	19.0	28.6
57	23.3	18.6	28.0



#18
trans-1,2-Dichloroethene
Concen: 4.585 ug/L
RT: 4.88 min Scan# 527
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	108.4	201.4
98	64.6	45.2	84.0





#19

1,1-Dichloroethane

Concen: 4.601 ug/L

RT: 5.69 min Scan# 660

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampled :

VSTD00598

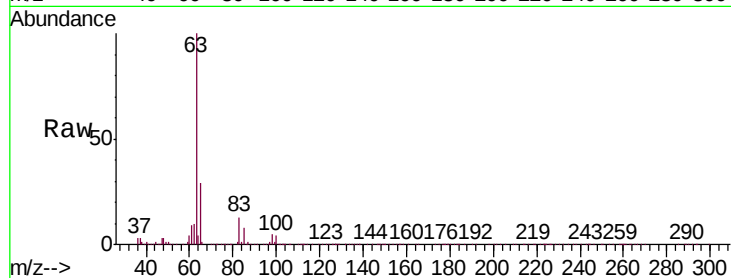
Tgt Ion: 63 Resp: 347316

Ion Ratio Lower Upper

63 100

65 28.6 20.0 37.2

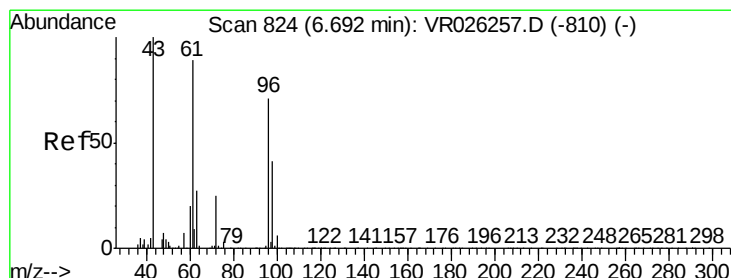
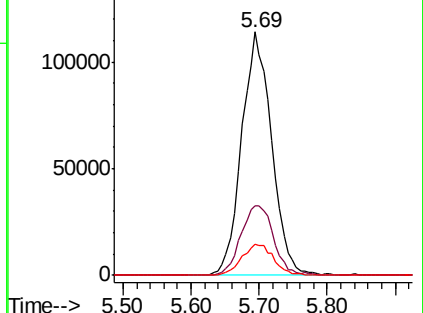
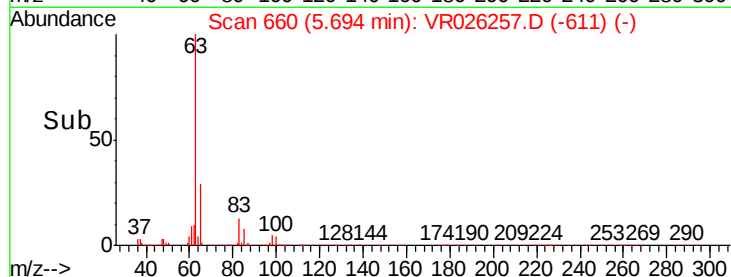
83 12.7 8.9 16.5



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



#21

2-Butanone

Concen: 49.808 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.00 min

Lab File: VR026257.D

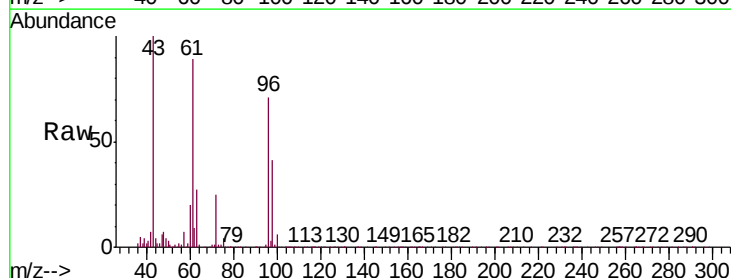
Acq: 21 Nov 2018 12:43

Tgt Ion: 43 Resp: 215149

Ion Ratio Lower Upper

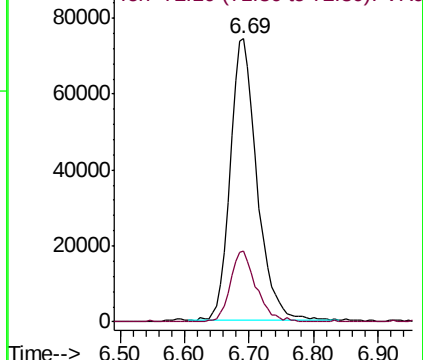
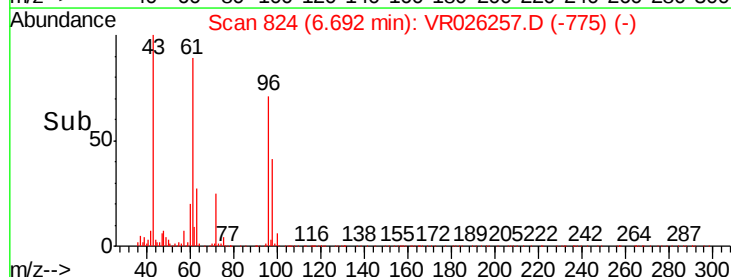
43 100

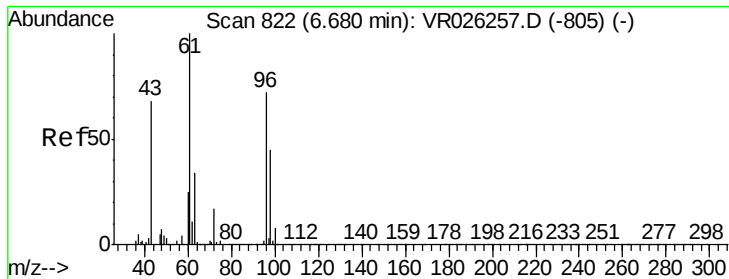
72 24.5 12.3 36.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



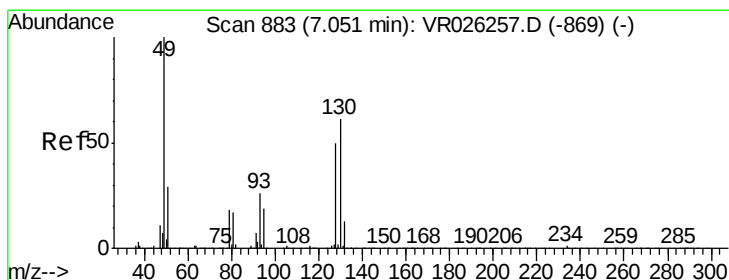
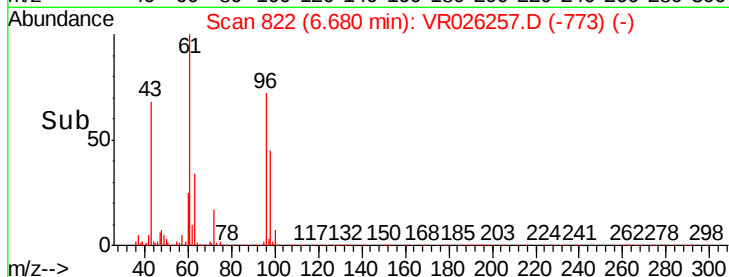
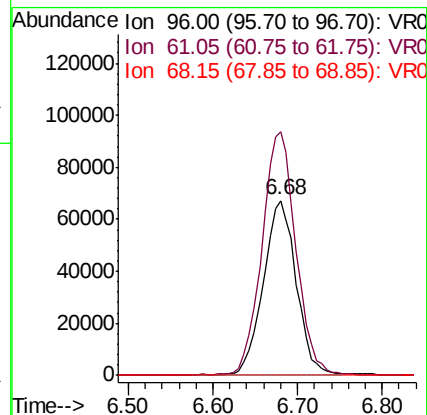
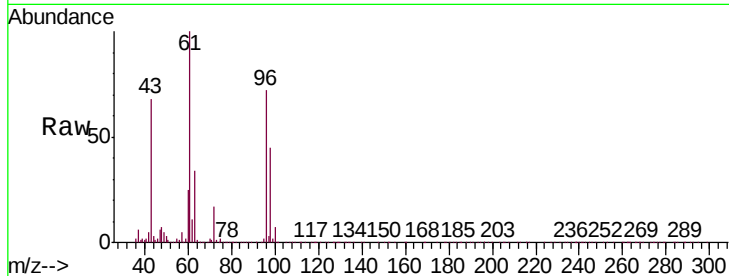


#22

cis-1,2-Dichloroethene
Concen: 4.879 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Instrument :
MSVOA_R
ClientSampleId :
VSTD00598

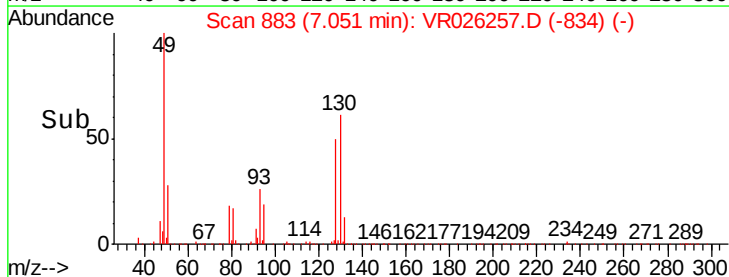
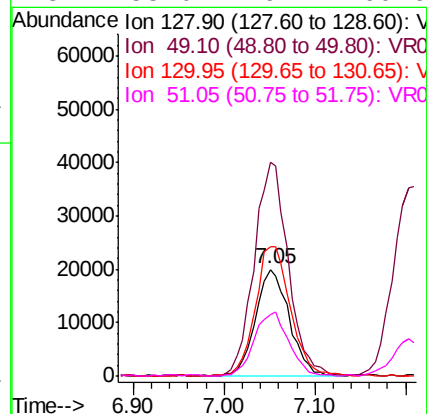
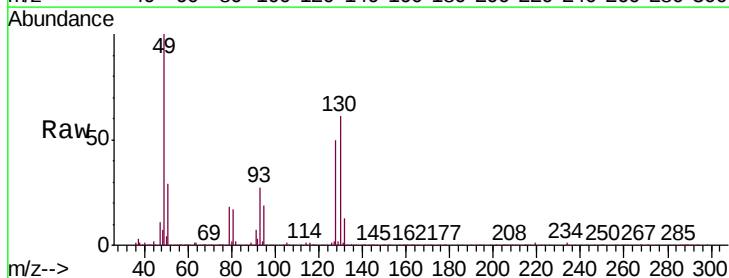
Tgt Ion: 96 Resp: 180514
Ion Ratio Lower Upper
96 100
61 139.5 97.6 181.4
68 0.0 0.0 0.0

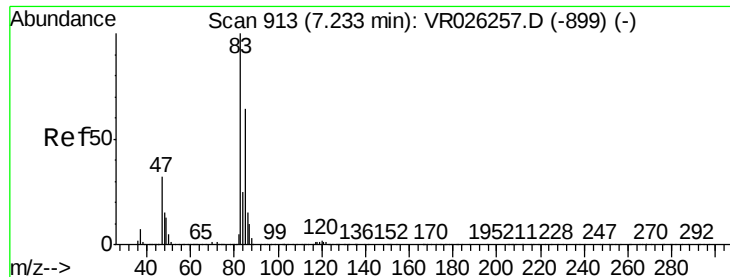


#23

Bromochloromethane
Concen: 4.474 ug/L
RT: 7.05 min Scan# 883
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Tgt Ion: 128 Resp: 51471
Ion Ratio Lower Upper
128 100
49 200.5 140.3 260.6
130 121.7 85.2 158.2
51 58.0 46.4 69.6

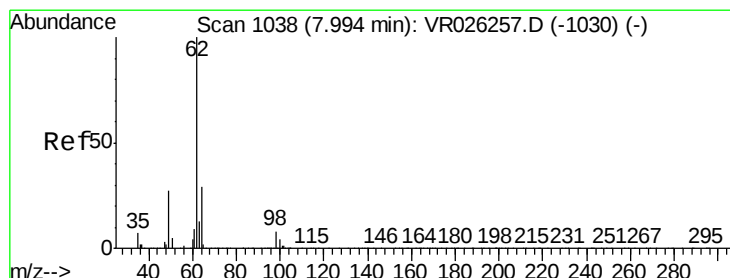
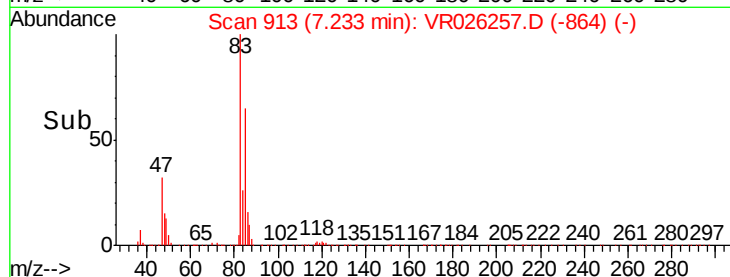
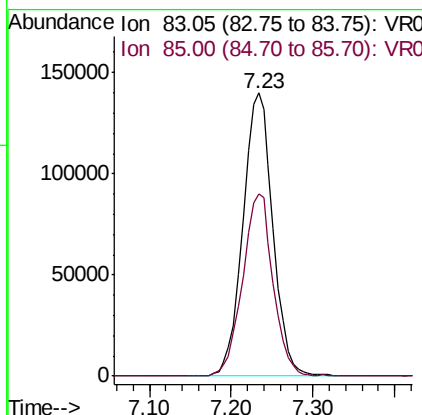
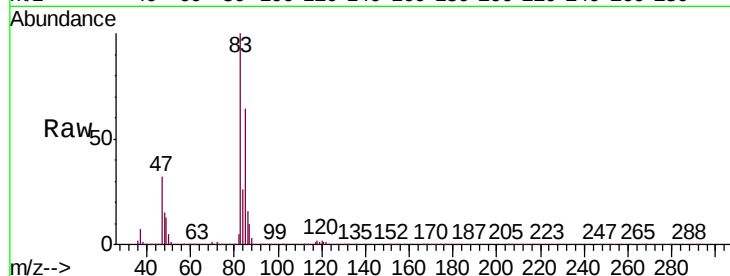




#25
Chloroform
Concen: 4.267 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

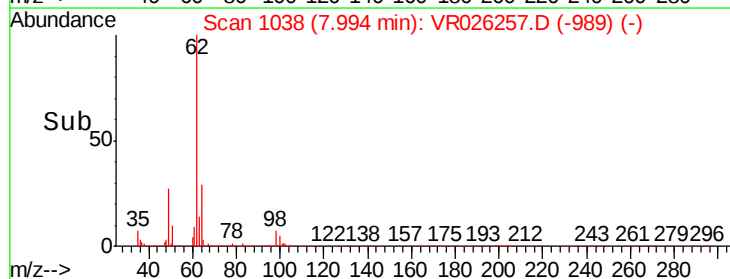
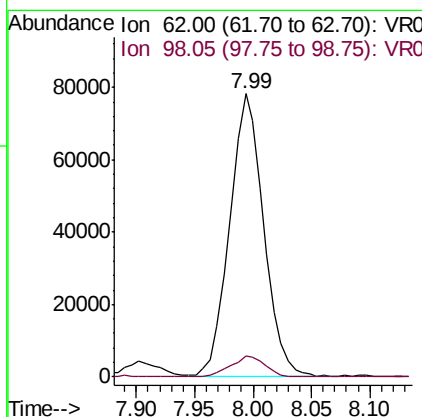
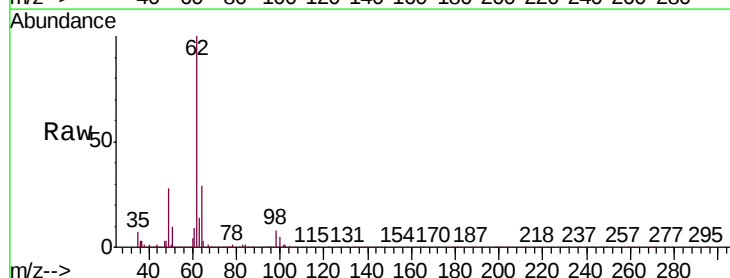
Instrument :
MSVOA_R
ClientSampleId :
VSTD00598

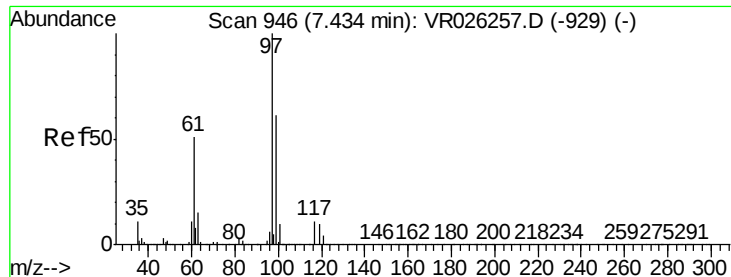
Tgt Ion: 83 Resp: 355587
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 4.591 ug/L
RT: 7.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Tgt Ion: 62 Resp: 157606
Ion Ratio Lower Upper
62 100
98 7.5 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 4.593 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampled :

VSTD00598

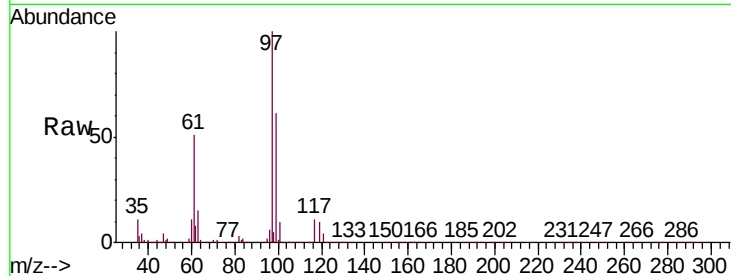
Tgt Ion: 97 Resp: 298521

Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

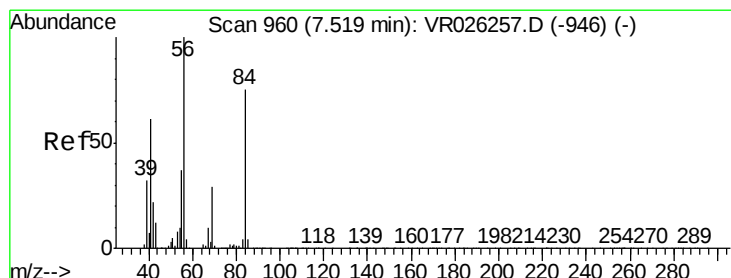
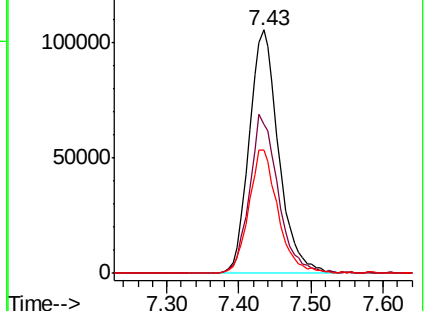
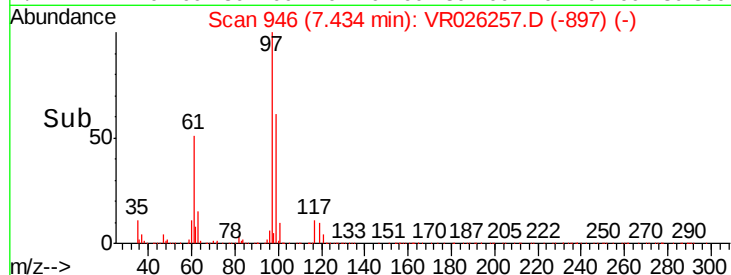
61 50.3 40.2 60.4



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: 5.162 ug/L

RT: 7.52 min Scan# 960

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

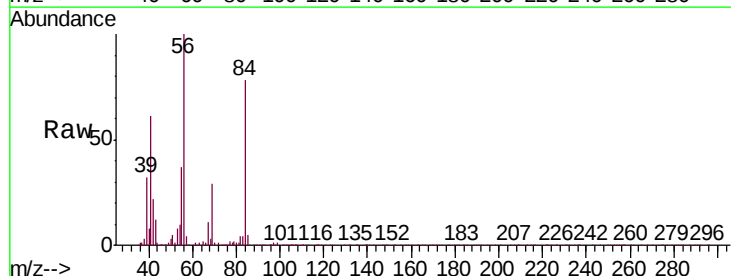
Tgt Ion: 56 Resp: 288170

Ion Ratio Lower Upper

56 100

69 29.8 23.8 35.8

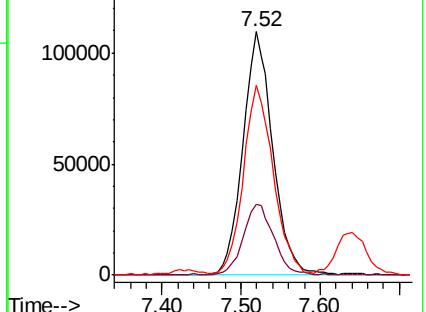
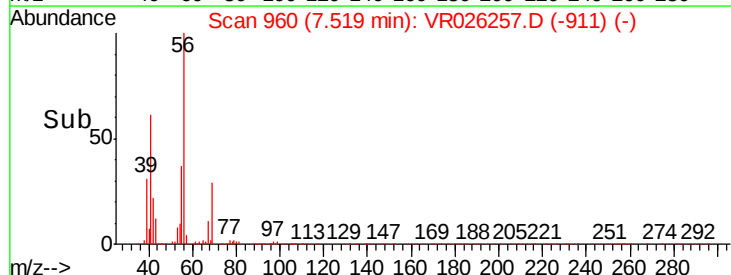
84 78.0 62.4 93.6

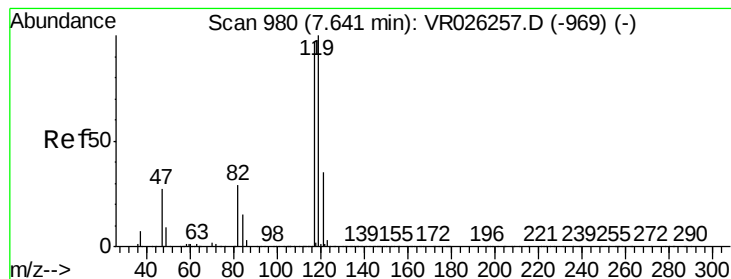


Abundance Ion 56.10 (55.80 to 56.80): VR0

Ion 69.15 (68.85 to 69.85): VR0

Ion 84.15 (83.85 to 84.85): VR0





#31

Carbon tetrachloride

Concen: 4.575 ug/L

RT: 7.64 min Scan# 980

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

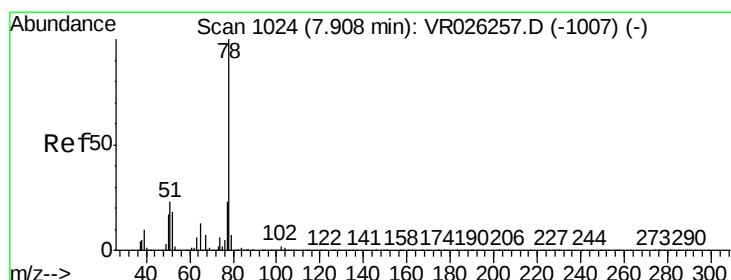
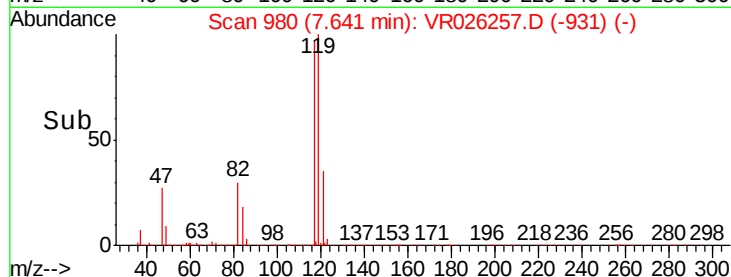
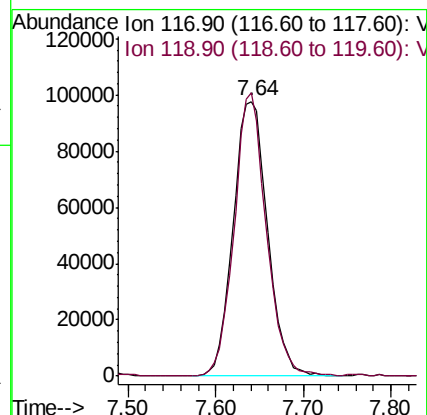
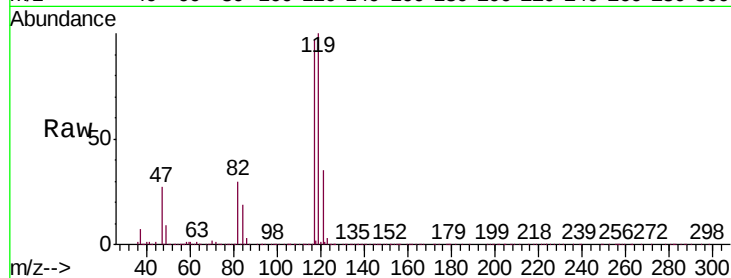
VSTD00598

Tgt Ion:117 Resp: 266493

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4



#33

Benzene

Concen: 4.733 ug/L

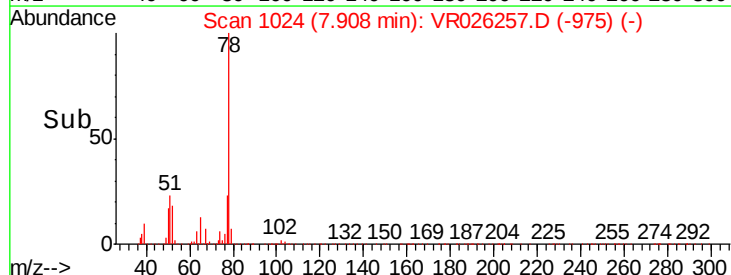
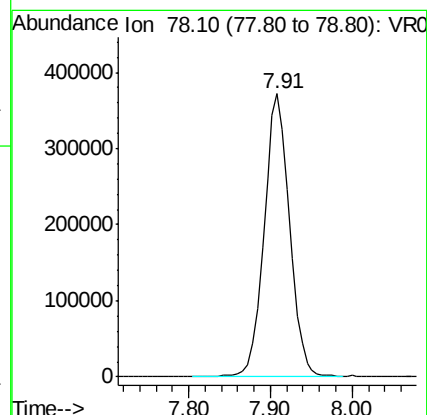
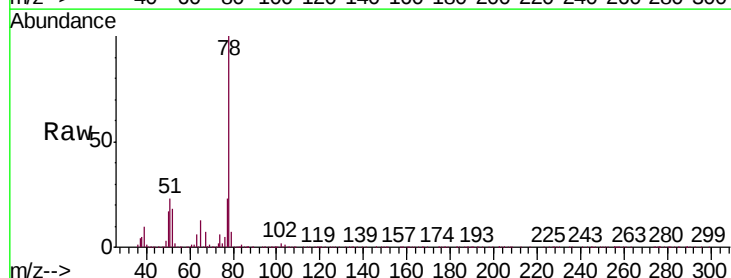
RT: 7.91 min Scan# 1024

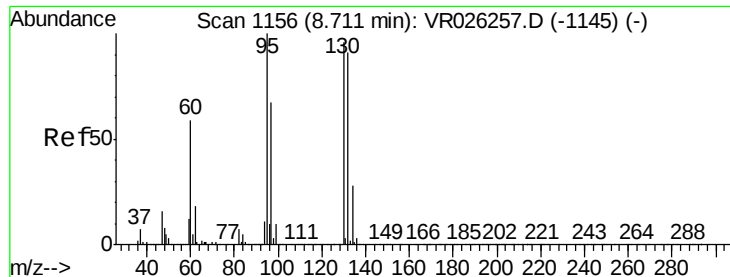
Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Tgt Ion: 78 Resp: 805049





#34

Trichloroethene

Concen: 4.540 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

VSTD00598

Tgt Ion: 95 Resp: 200732

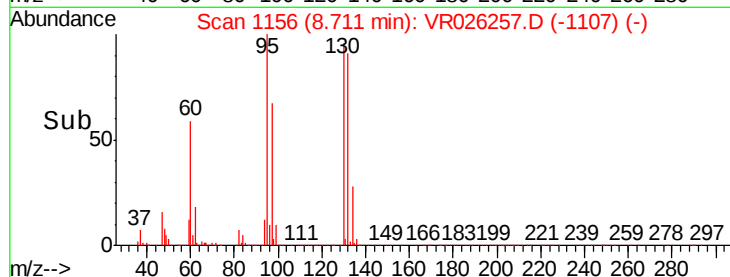
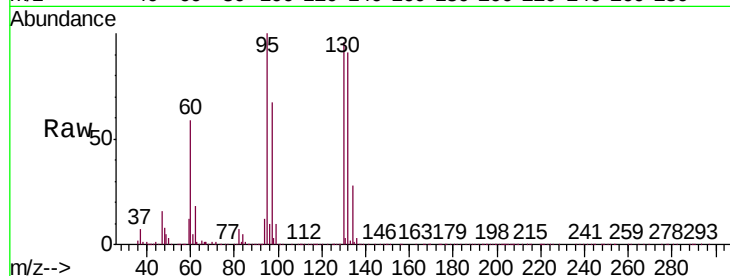
Ion Ratio Lower Upper

95 100

97 66.9 46.8 87.0

132 91.3 63.9 118.7

130 96.3 67.4 125.2

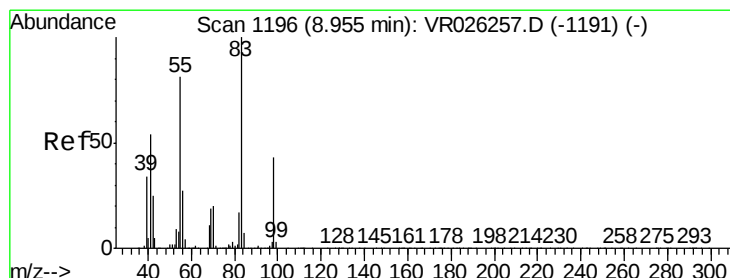
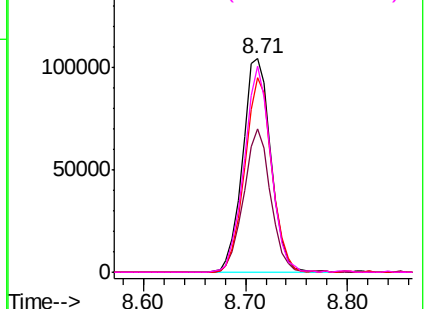


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 5.004 ug/L

RT: 8.95 min Scan# 1196

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

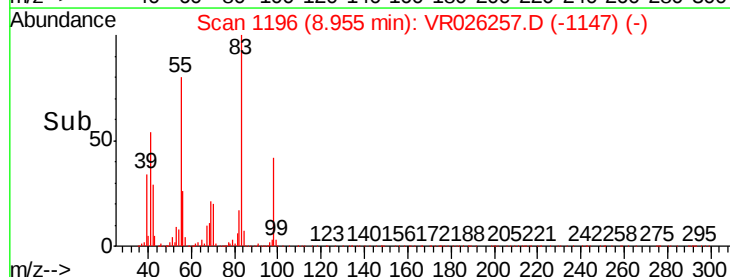
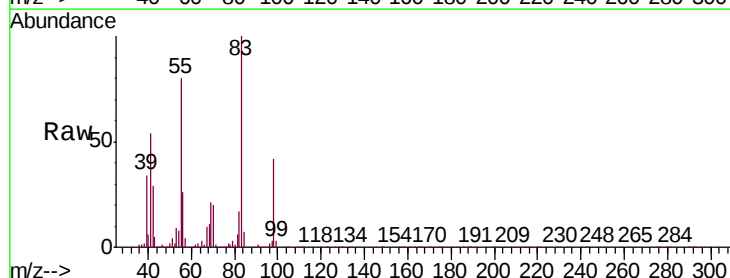
Tgt Ion: 83 Resp: 298664

Ion Ratio Lower Upper

83 100

55 83.5 66.8 100.2

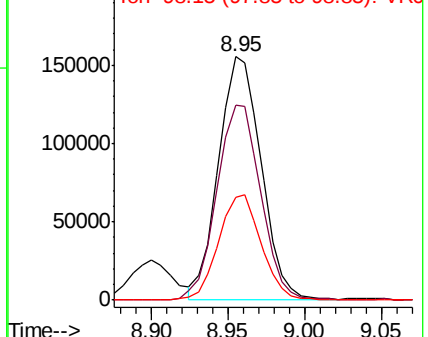
98 43.5 34.8 52.2

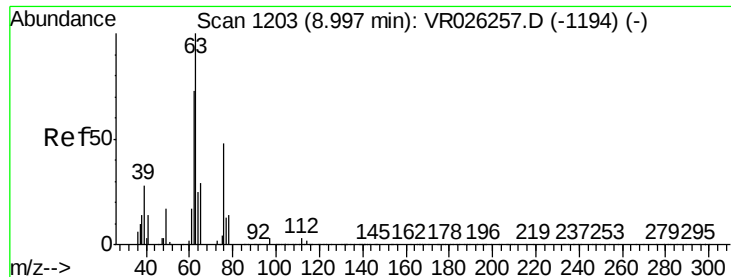


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

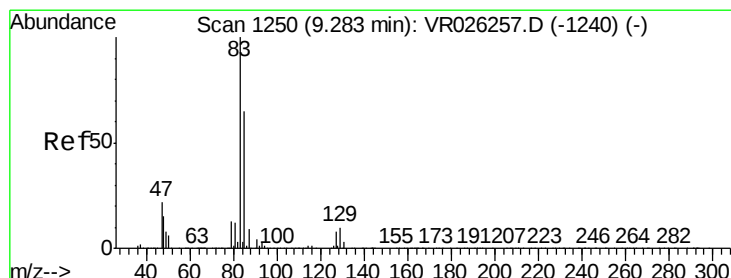
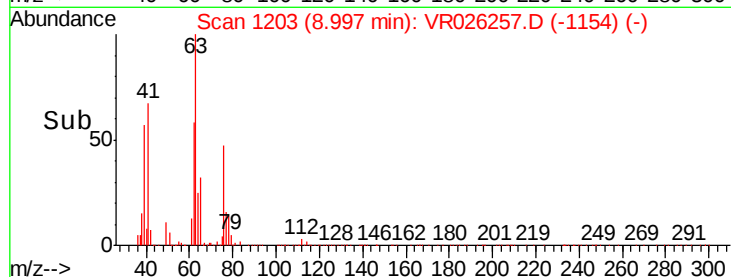
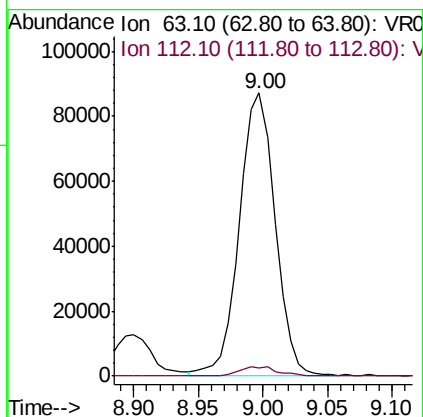
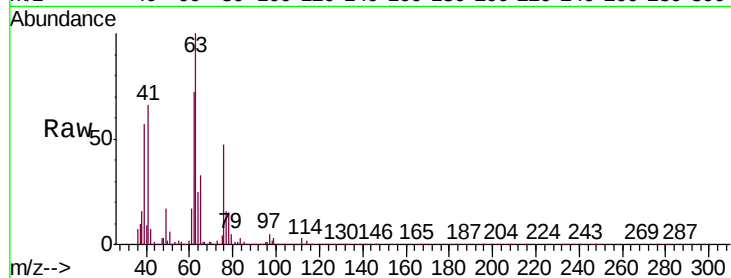




#37
 1,2-Dichloropropane
 Concen: 4.684 ug/L
 RT: 9.00 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

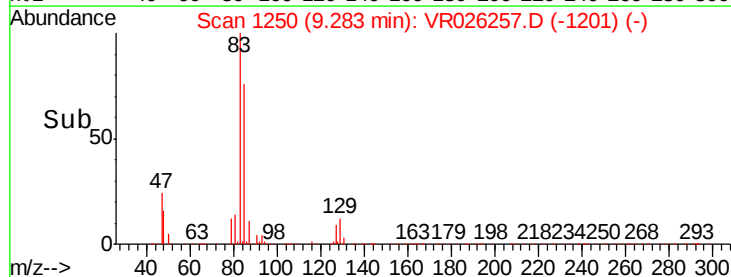
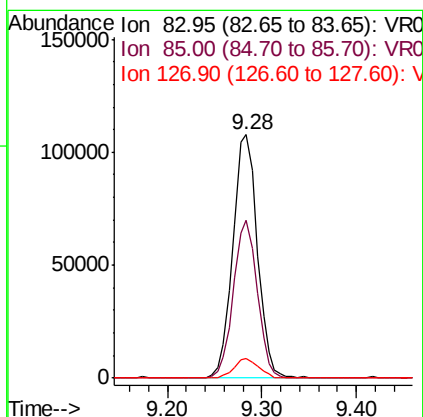
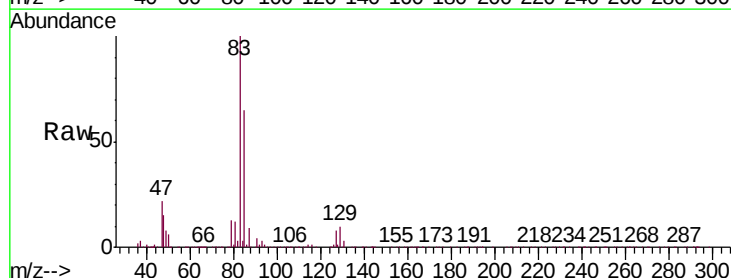
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

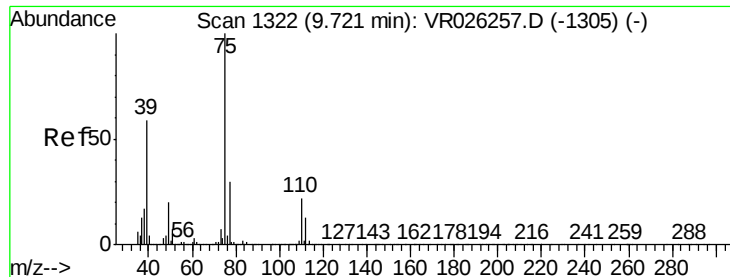
Tgt Ion: 63 Resp: 166530
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.0 4.6



#38
 Bromodichloromethane
 Concen: 4.646 ug/L
 RT: 9.28 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

Tgt Ion: 83 Resp: 195102
 Ion Ratio Lower Upper
 83 100
 85 65.0 45.5 84.5
 127 7.9 6.3 9.5

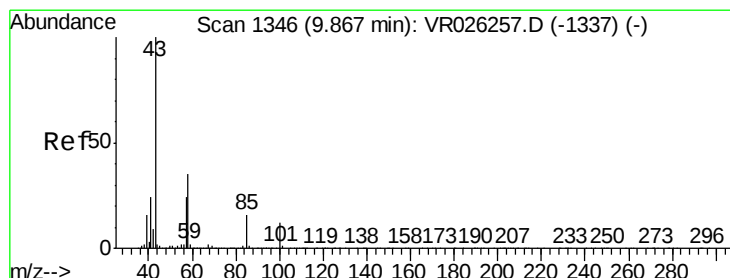
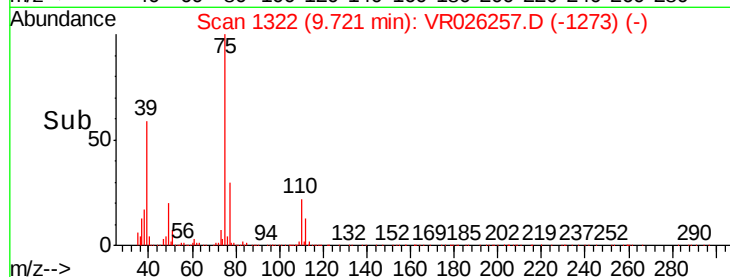
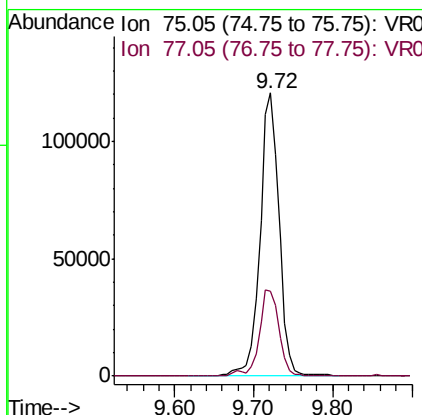
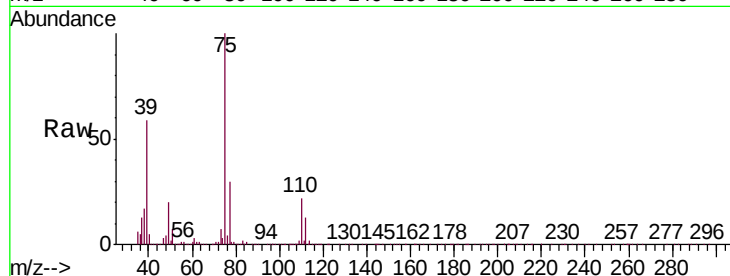




#39
 cis-1,3-Dichloropropene
 Concen: 5.042 ug/L
 RT: 9.72 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

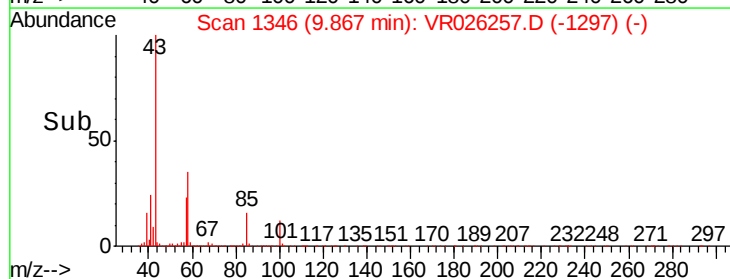
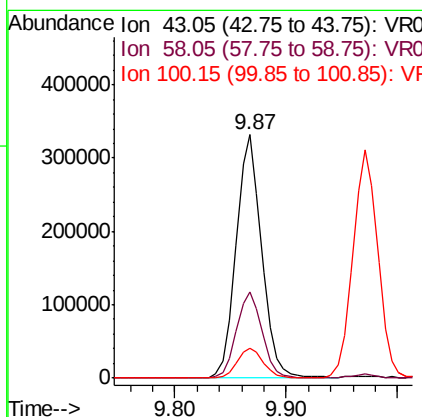
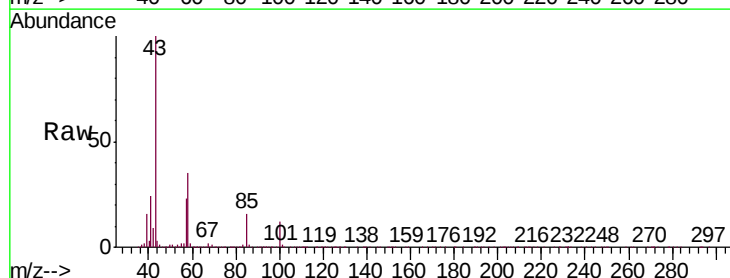
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

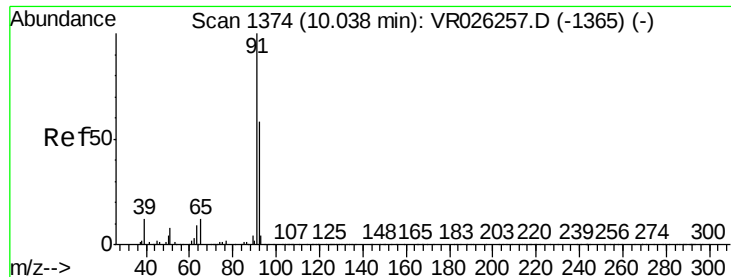
Tgt Ion: 75 Resp: 201476
 Ion Ratio Lower Upper
 75 100
 77 29.8 20.9 38.7



#40
 4-Methyl-2-pentanone
 Concen: 51.604 ug/L
 RT: 9.87 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

Tgt Ion: 43 Resp: 525047
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.6 42.8
 100 12.5 10.0 15.0





#42

Toluene

Concen: 4.852 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

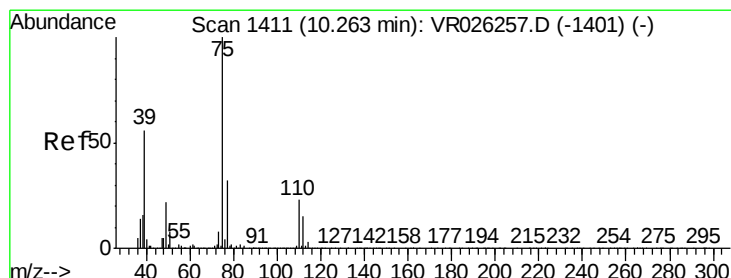
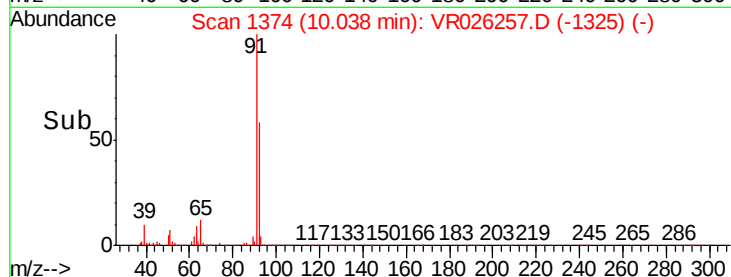
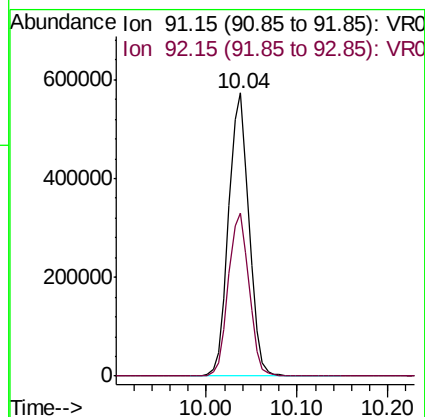
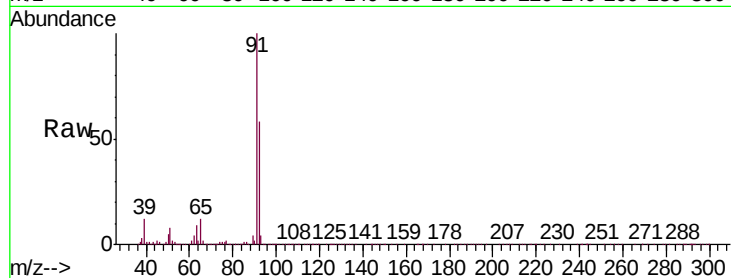
VSTD00598

Tgt Ion: 91 Resp: 895681

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.828 ug/L

RT: 10.26 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VR026257.D

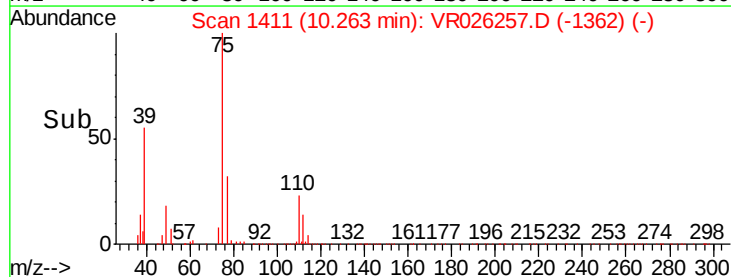
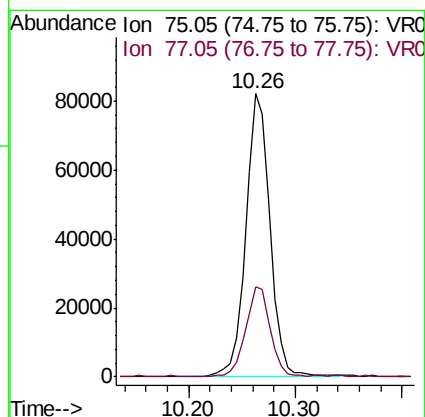
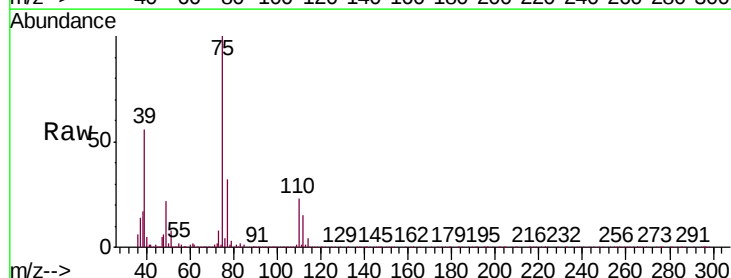
Acq: 21 Nov 2018 12:43

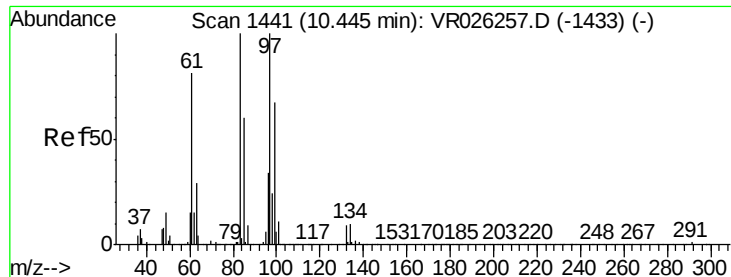
Tgt Ion: 75 Resp: 130659

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

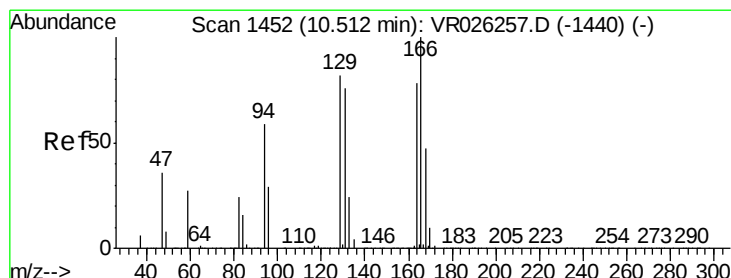
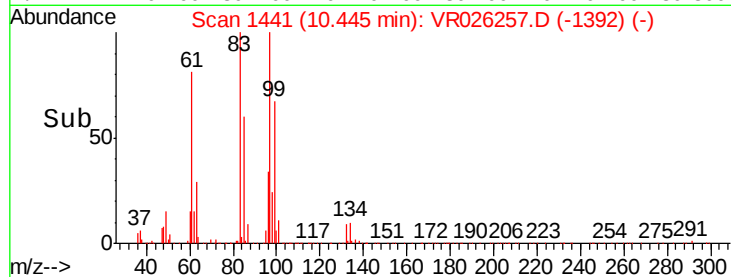
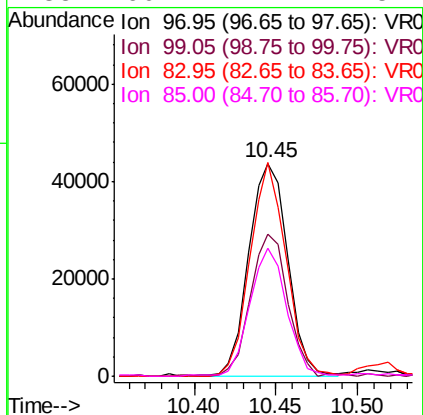
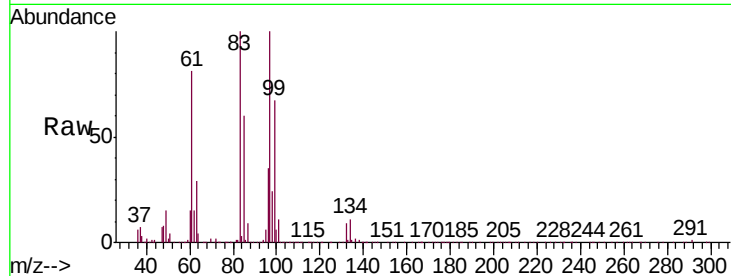




#45
 1,1,2-Trichloroethane
 Concen: 4.574 ug/L
 RT: 10.45 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

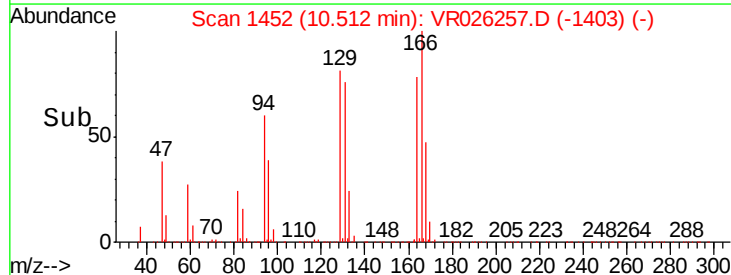
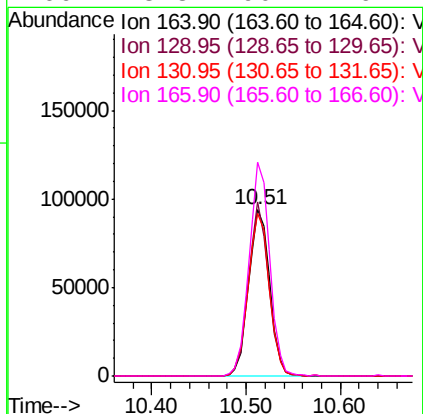
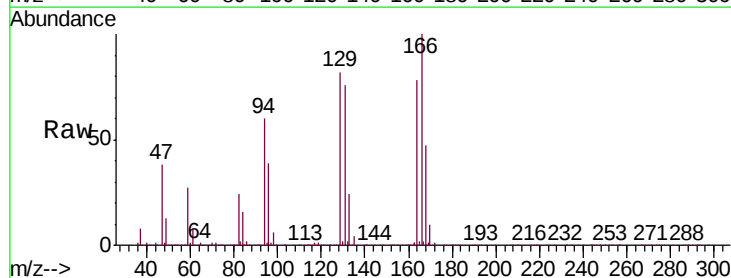
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

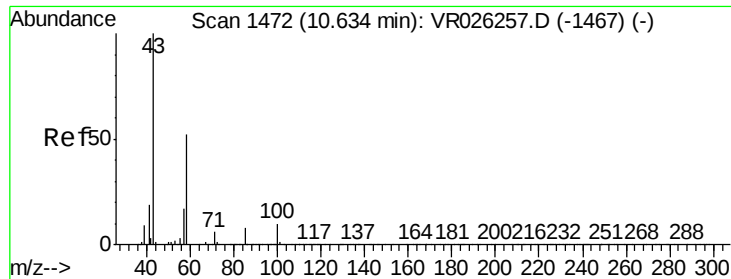
Tgt Ion:	97	Resp:	72307
Ion	Ratio	Lower	Upper
97	100		
99	66.8	46.8	86.8
83	100.2	70.1	130.3
85	60.1	42.1	78.1



#47
 Tetrachloroethene
 Concen: 4.637 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

Tgt Ion:	164	Resp:	147779
Ion	Ratio	Lower	Upper
164	100		
129	104.9	73.4	136.4
131	98.4	68.9	127.9
166	128.8	90.2	167.4

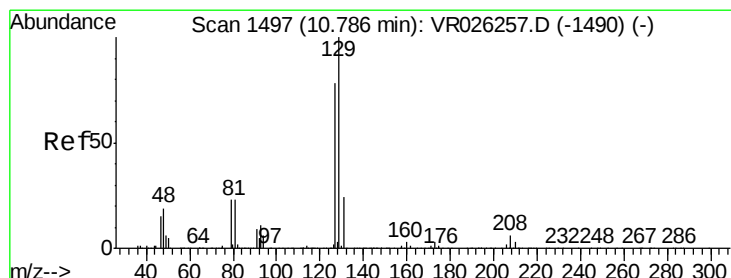
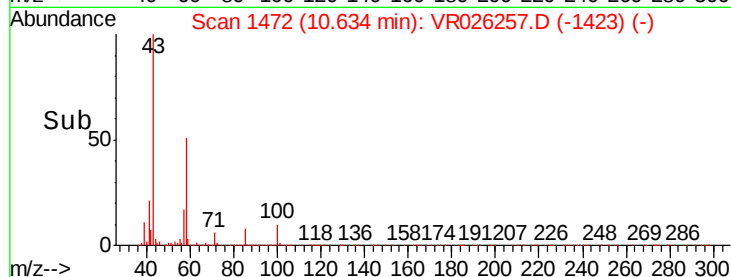
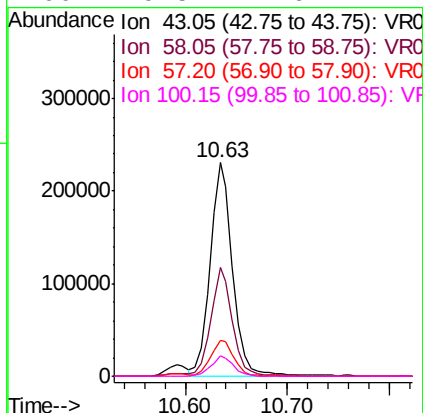
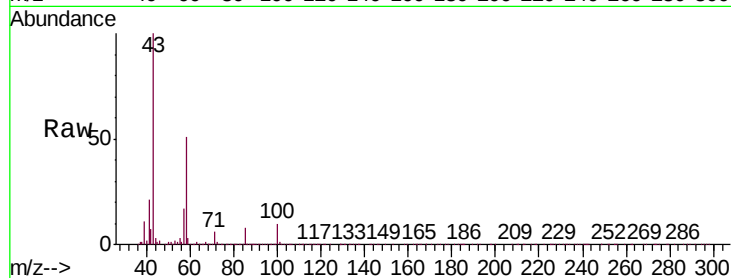




#48
2-Hexanone
Concen: 51.911 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

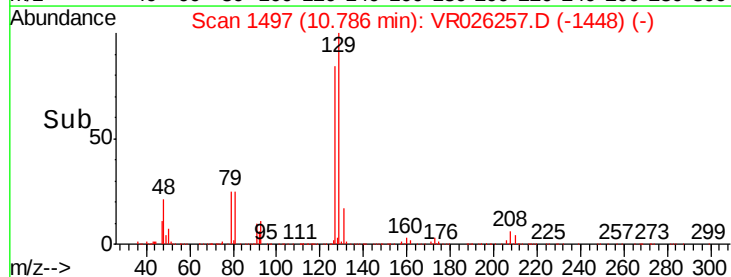
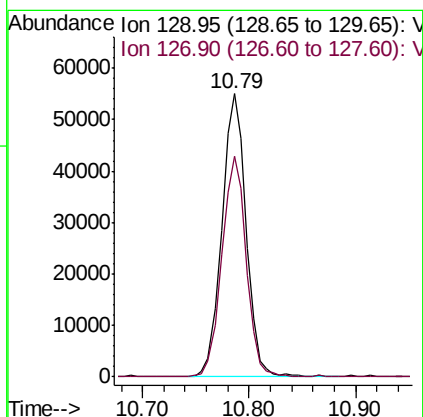
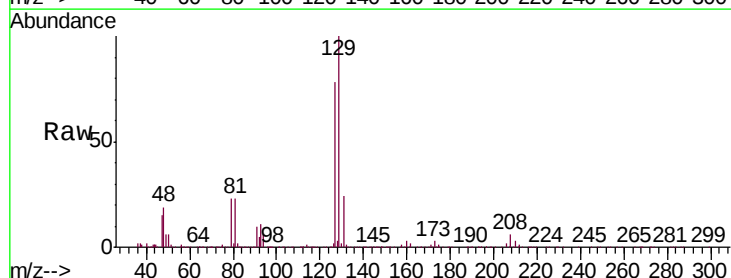
Instrument :
MSVOA_R
ClientSampleId :
VSTD00598

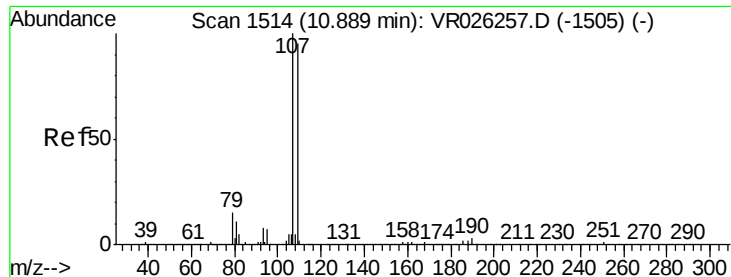
Tgt Ion:	43	Resp:	353497
Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.4	60.6
57	17.7	14.2	21.2
100	9.5	7.6	11.4



#49
Dibromochloromethane
Concen: 4.593 ug/L
RT: 10.79 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Tgt Ion:	129	Resp:	87322
Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.6	101.4

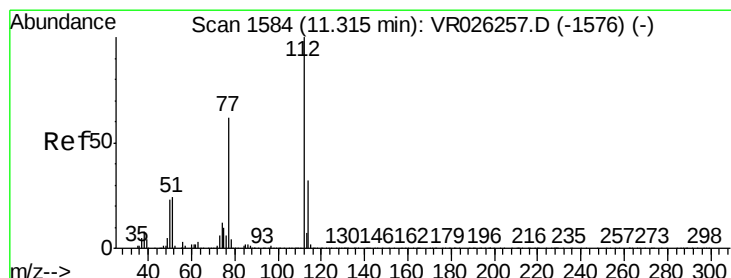
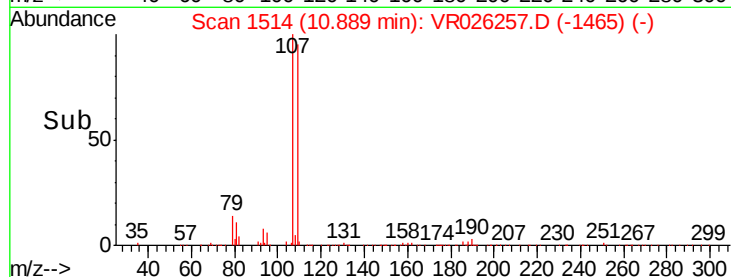
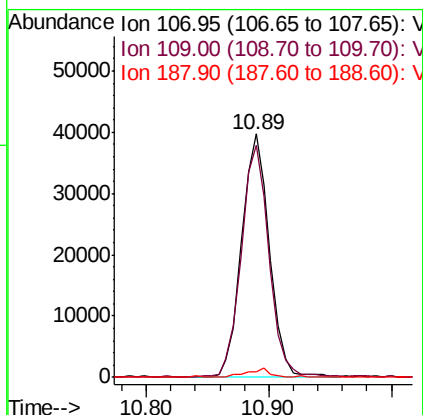
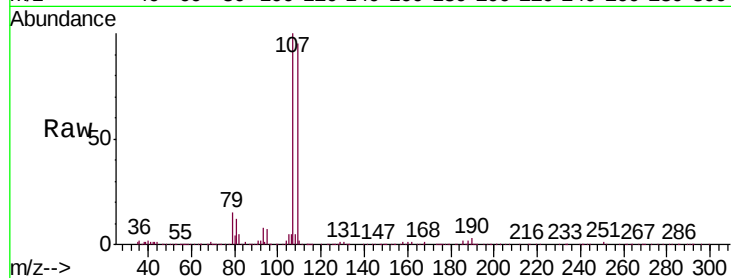




#50
1,2-Dibromoethane
Concen: 4.712 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

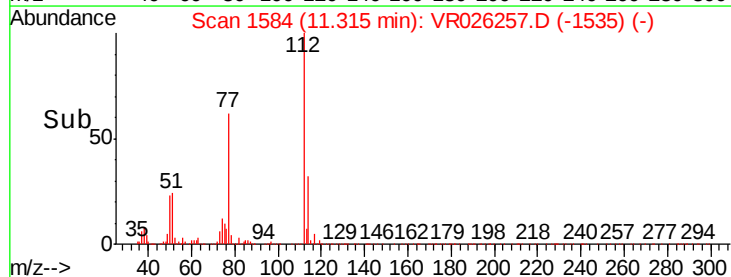
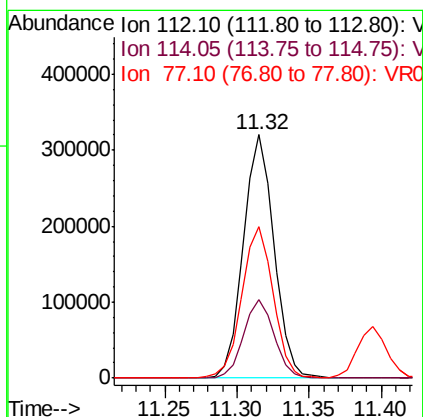
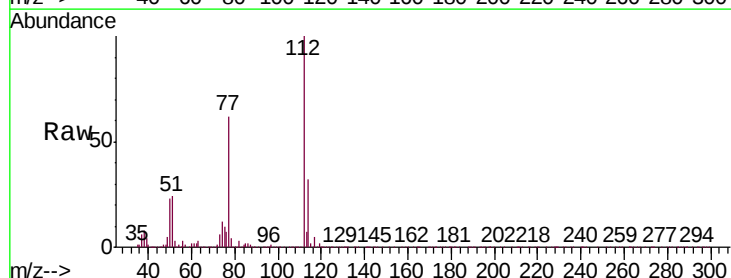
Instrument :
MSVOA_R
ClientSampled :
VSTD00598

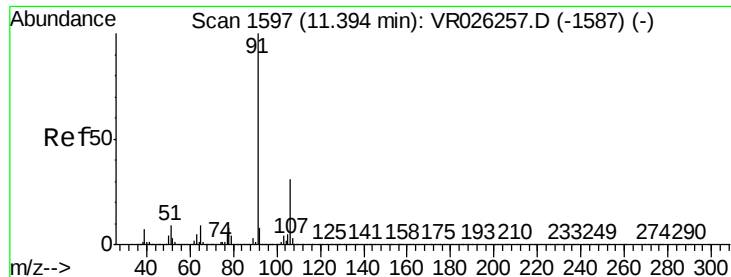
Tgt Ion:107 Resp: 62497
Ion Ratio Lower Upper
107 100
109 95.1 66.6 123.6
188 2.5 2.0 3.0



#51
Chlorobenzene
Concen: 4.585 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Tgt Ion:112 Resp: 470321
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.3
77 62.3 49.8 74.8





#52

Ethylbenzene

Concen: 4.928 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

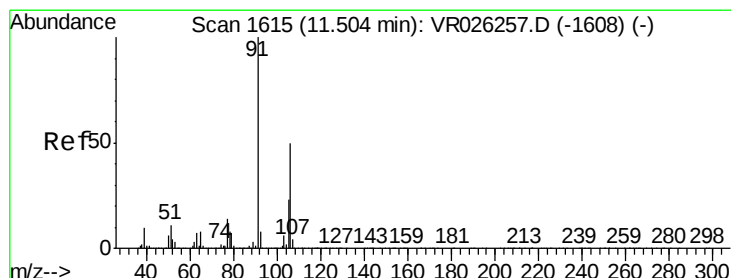
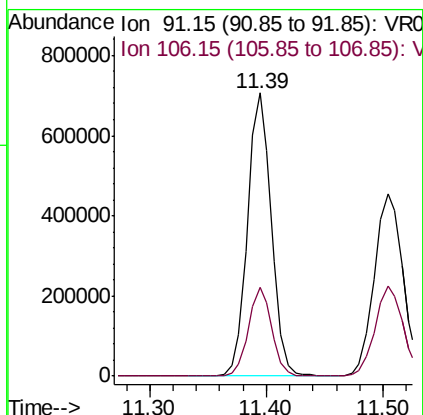
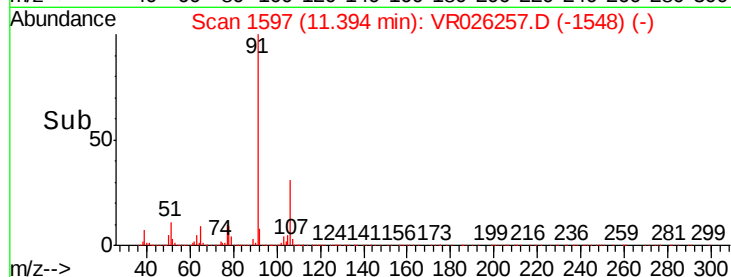
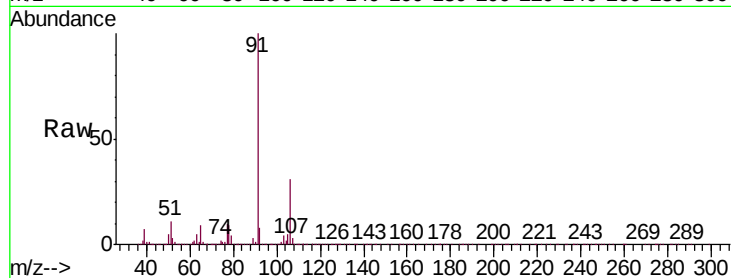
VSTD00598

Tgt Ion: 91 Resp: 1005767

Ion Ratio Lower Upper

91 100

106 31.5 22.0 41.0



#53

m,p-Xylene

Concen: 5.047 ug/L

RT: 11.50 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VR026257.D

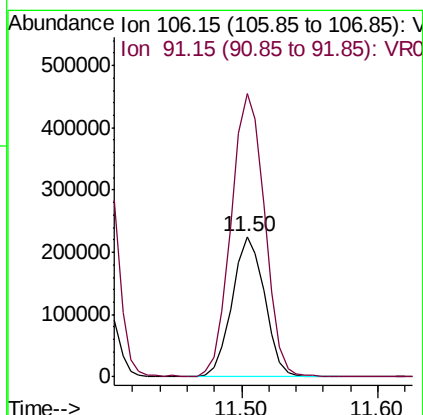
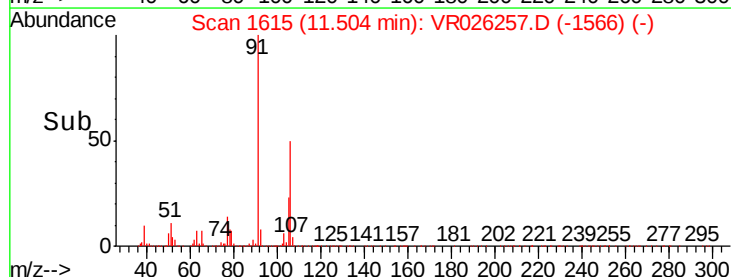
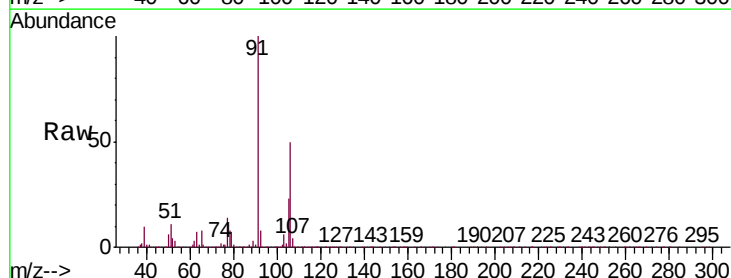
Acq: 21 Nov 2018 12:43

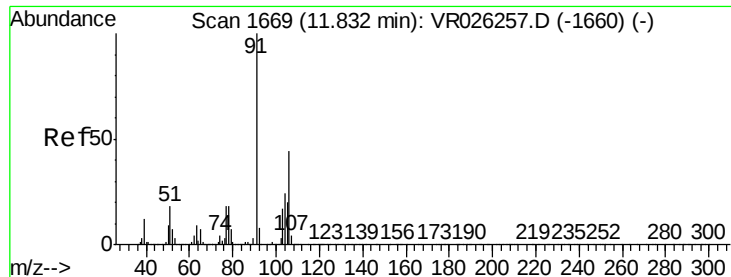
Tgt Ion: 106 Resp: 374847

Ion Ratio Lower Upper

106 100

91 201.7 141.2 262.2

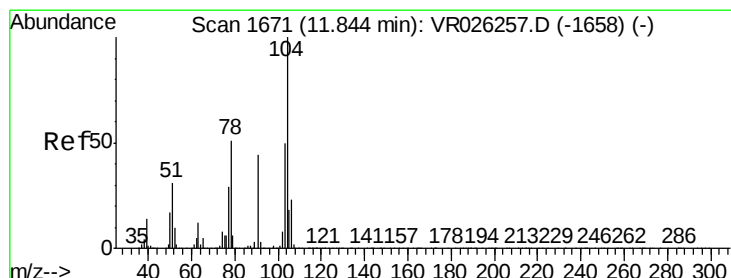
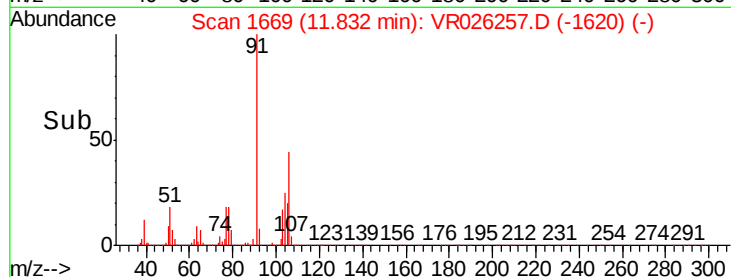
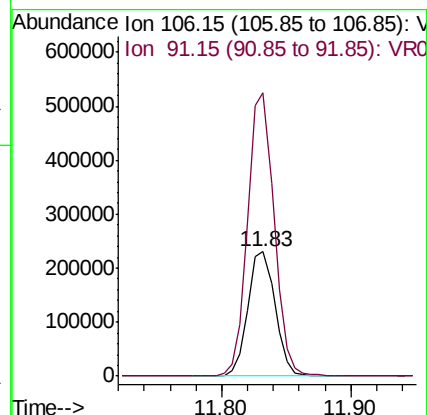
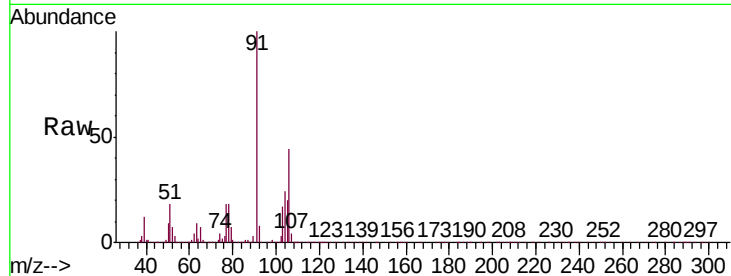




#54
o-Xylene
Concen: 4.996 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

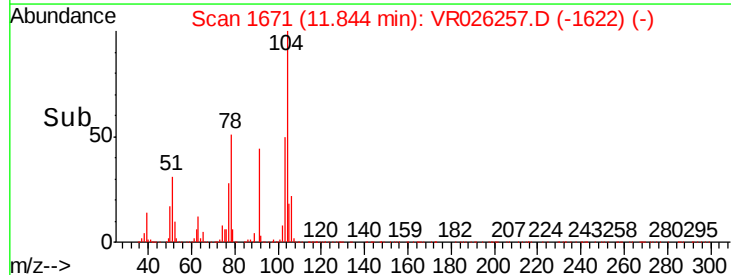
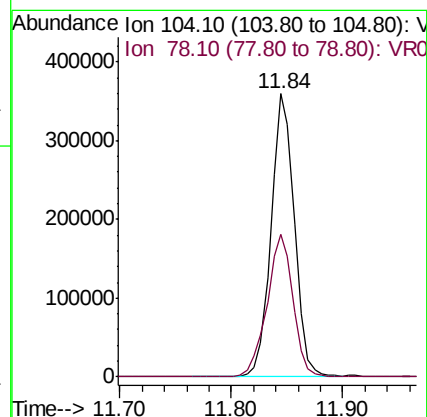
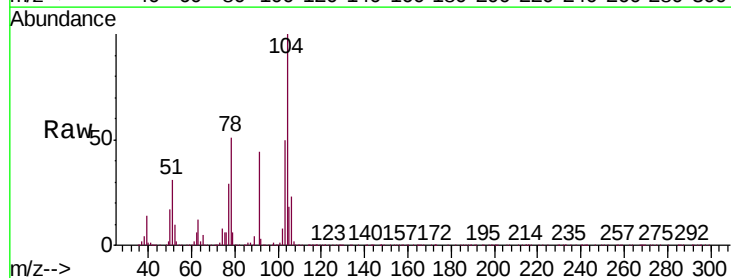
Instrument :
MSVOA_R
ClientSampled :
VSTD00598

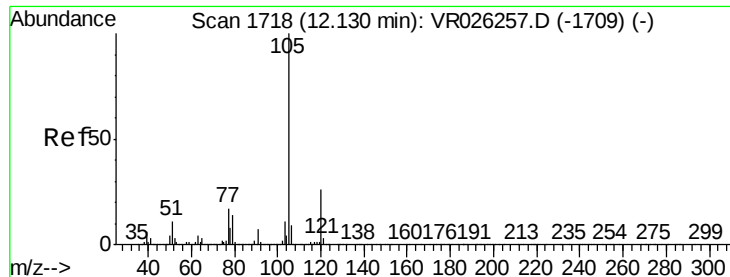
Tgt Ion:106 Resp: 336203
Ion Ratio Lower Upper
106 100
91 228.0 159.6 296.4



#55
Styrene
Concen: 4.888 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Tgt Ion:104 Resp: 523974
Ion Ratio Lower Upper
104 100
78 50.6 35.4 65.8





#56

Isopropylbenzene

Concen: 5.098 ug/L

RT: 12.13 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

VSTD00598

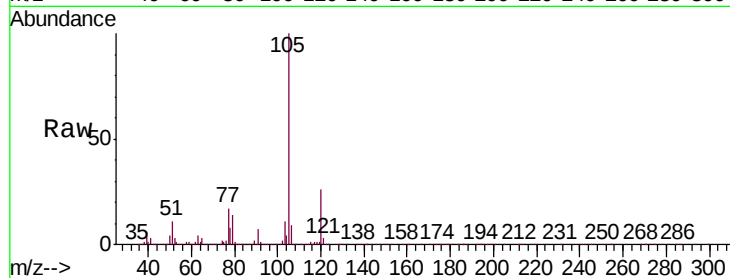
Tgt Ion: 105 Resp: 952966

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5

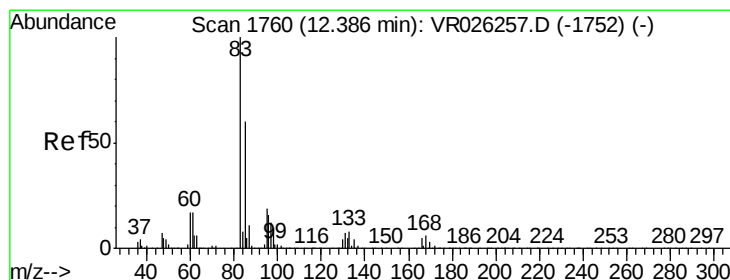
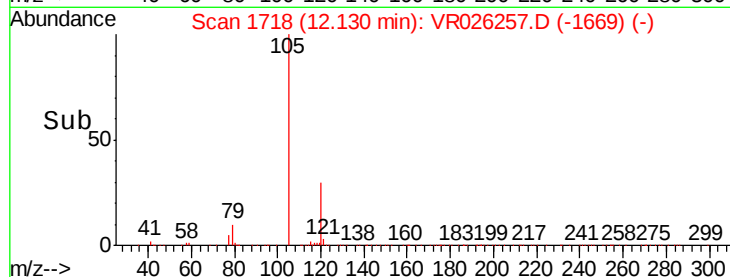
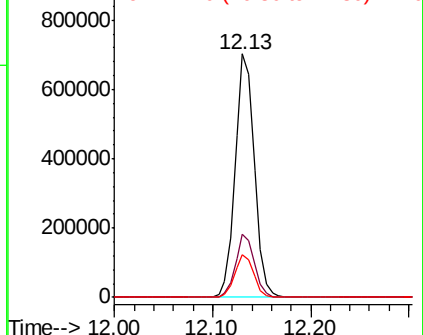
77 17.3 13.8 20.8



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.717 ug/L

RT: 12.39 min Scan# 1760

Delta R.T. 0.00 min

Lab File: VR026257.D

Acq: 21 Nov 2018 12:43

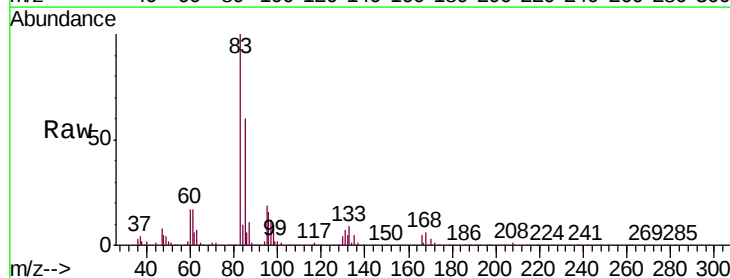
Tgt Ion: 83 Resp: 71339

Ion Ratio Lower Upper

83 100

85 60.4 42.3 78.5

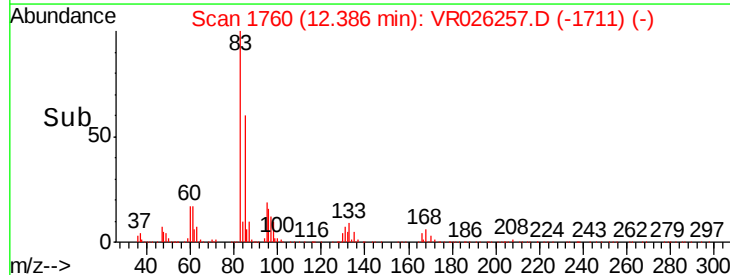
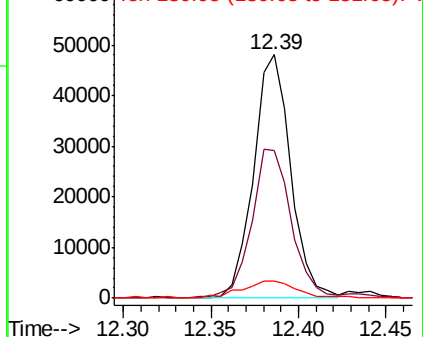
131 6.8 5.4 8.2

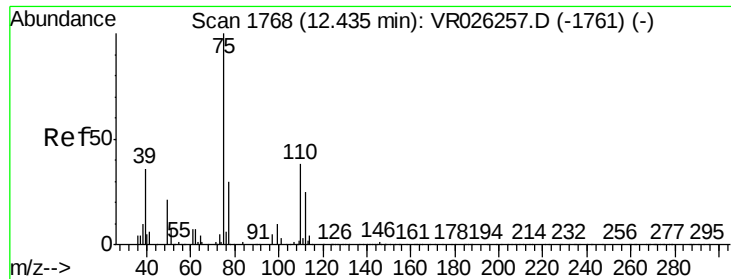


Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 130.95 (130.65 to 131.65): V

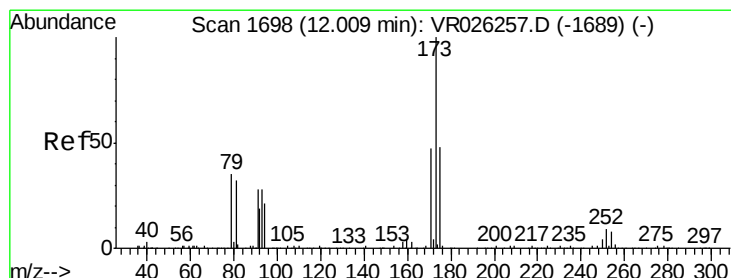
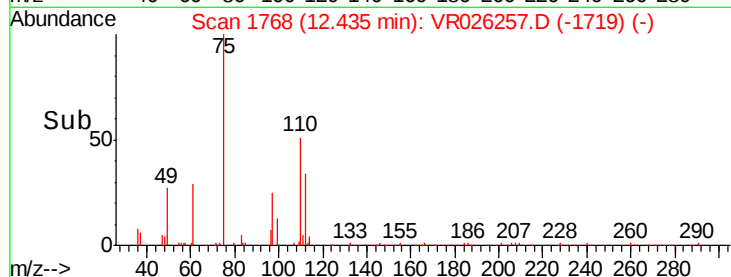
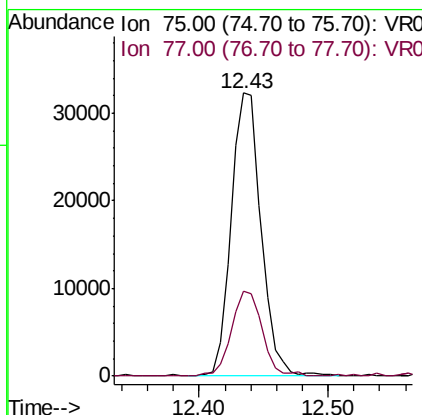
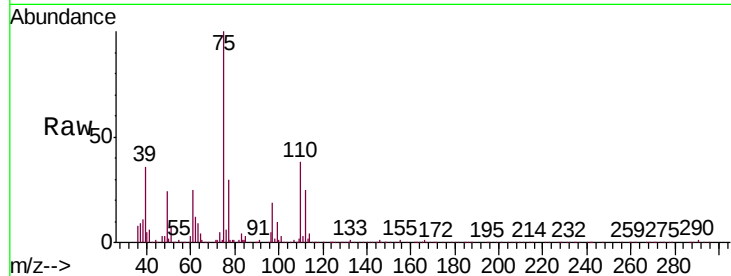




#59
 1,2,3-Trichloropropane
 Concen: 4.709 ug/L
 RT: 12.43 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

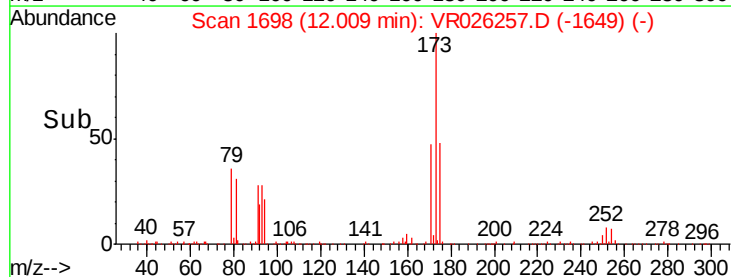
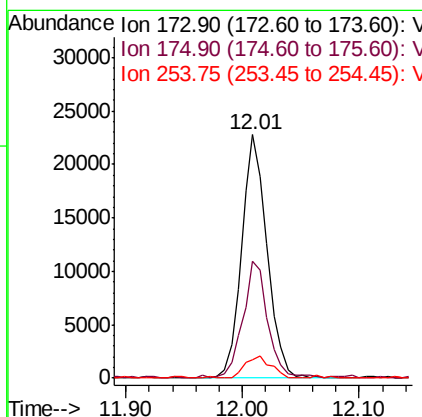
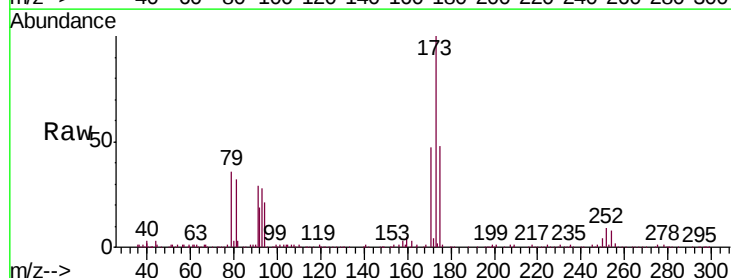
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

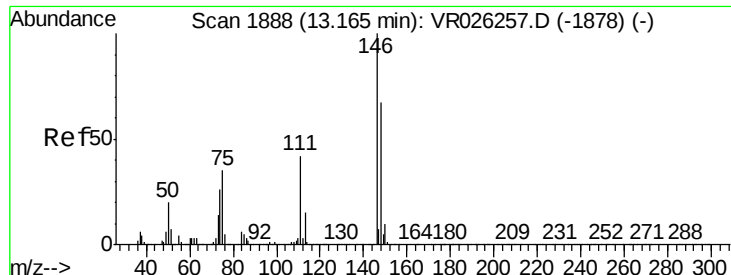
Tgt Ion: 75 Resp: 52089
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#61
 Bromoform
 Concen: 4.674 ug/L
 RT: 12.01 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

Tgt Ion: 173 Resp: 34459
 Ion Ratio Lower Upper
 173 100
 175 47.2 37.8 56.6
 254 9.5 7.6 11.4

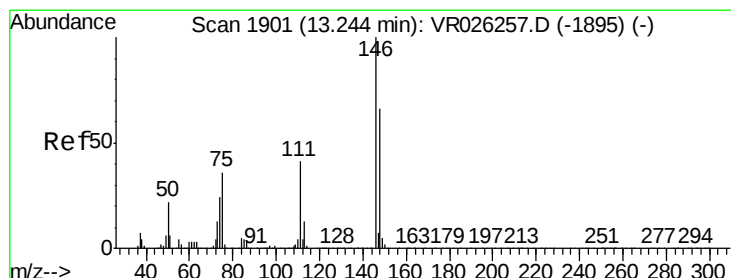
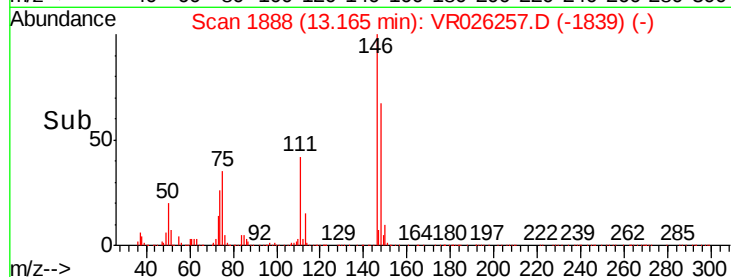
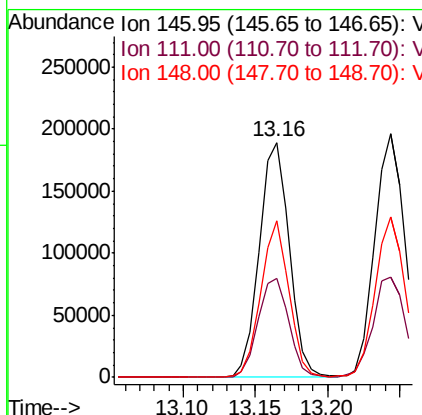
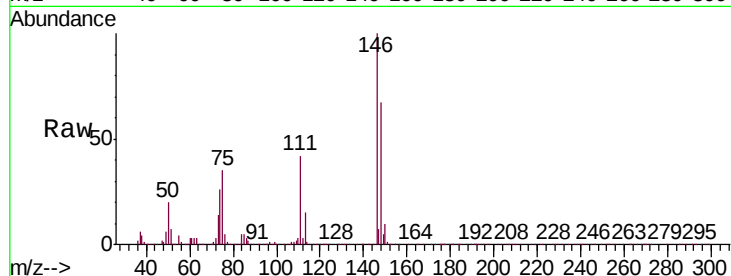




#62
 1,3-Dichlorobenzene
 Concen: 4.541 ug/L
 RT: 13.16 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

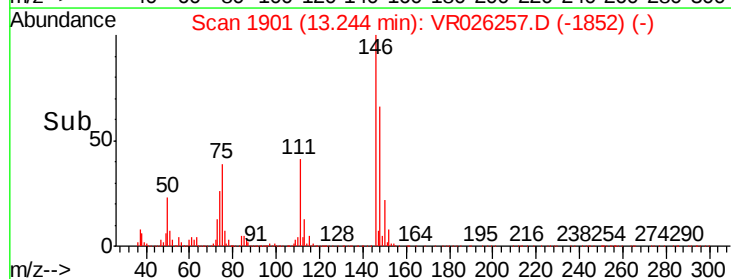
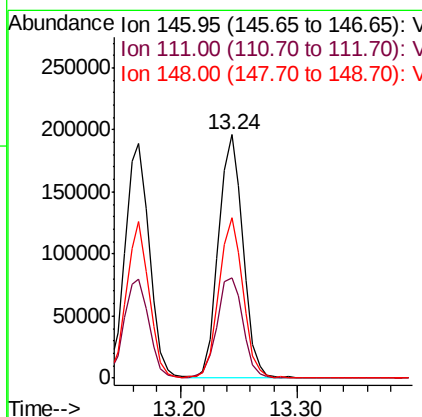
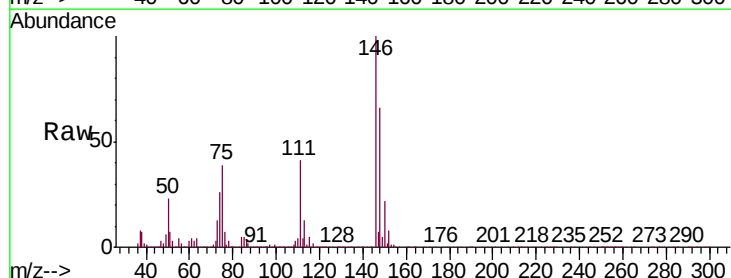
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

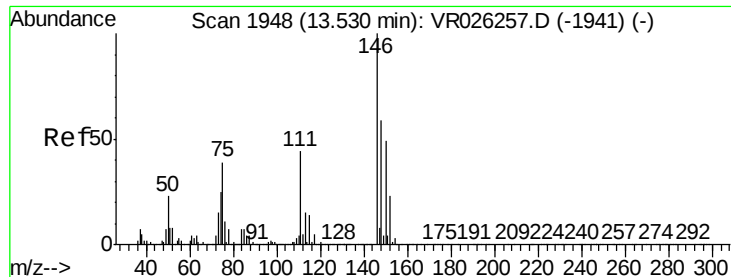
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	29.4	54.6
148	66.5	46.5	86.5



#63
 1,4-Dichlorobenzene
 Concen: 4.301 ug/L
 RT: 13.24 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	28.9	53.7
148	66.1	46.3	85.9

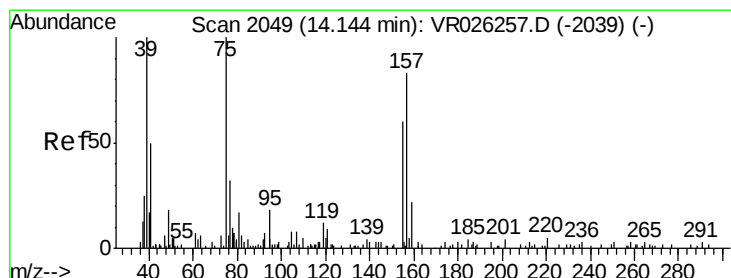
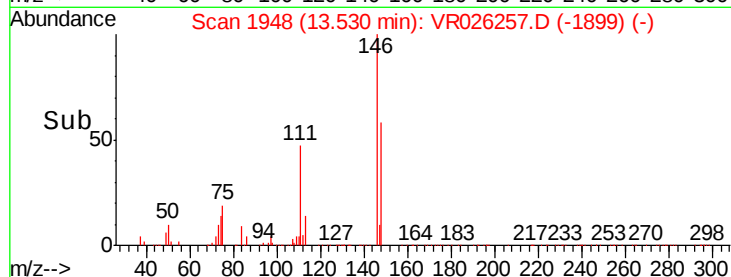
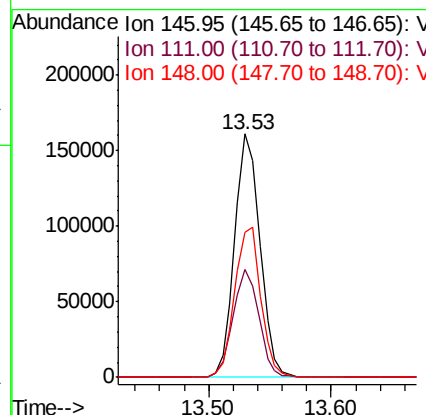
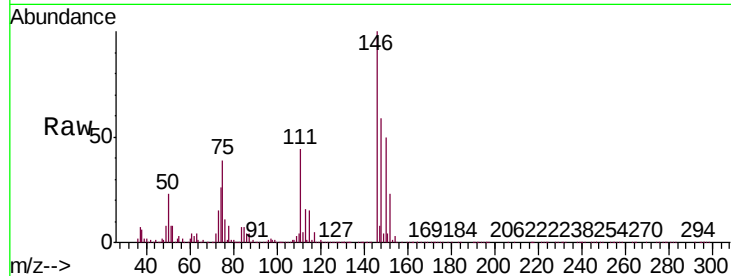




#65
 1,2-Dichlorobenzene
 Concen: 4.677 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

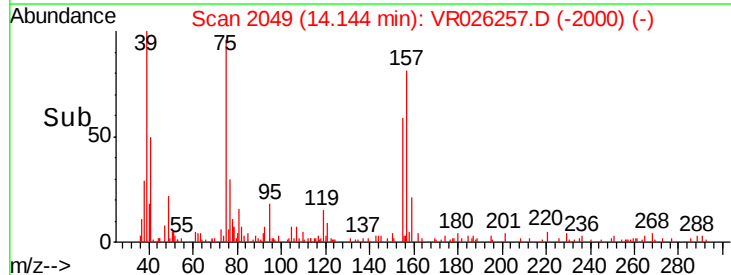
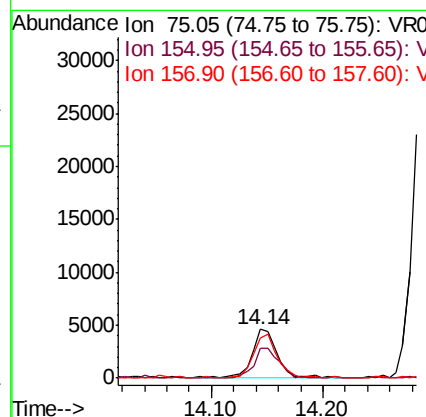
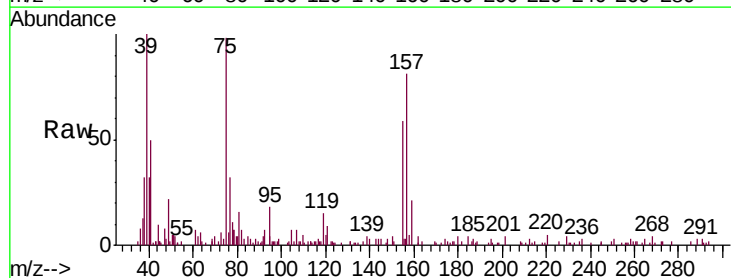
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

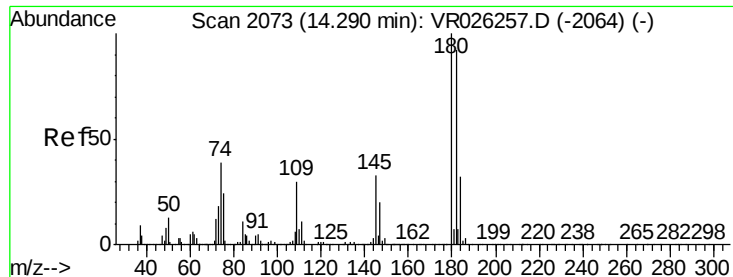
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	35.5	53.3
148	59.5	47.6	71.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.397 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	59.9	47.9	71.9
157	83.1	66.5	99.7

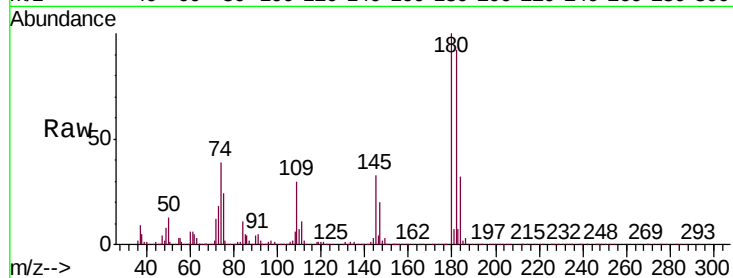




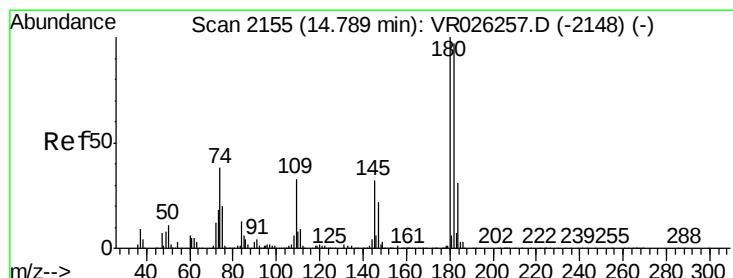
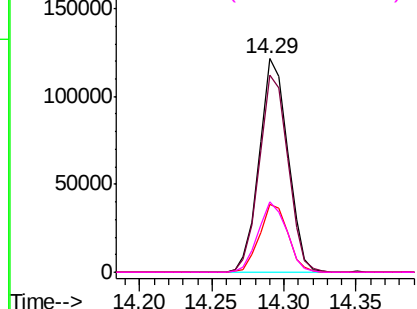
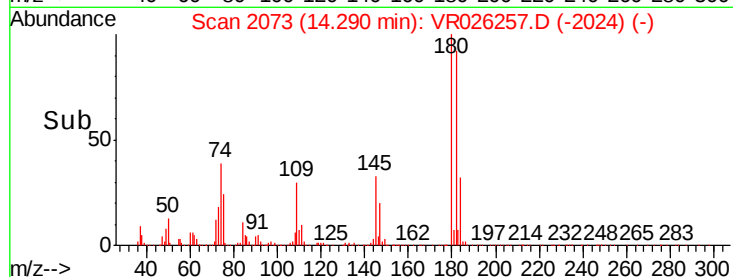
#67
 1,3,5-Trichlorobenzene
 Concen: 4.474 ug/L
 RT: 14.29 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

Tgt Ion:	180	Resp:	166588
Ion	Ratio	Lower	Upper
180	100		
182	92.5	74.0	111.0
184	31.7	25.4	38.0
145	33.2	26.6	39.8

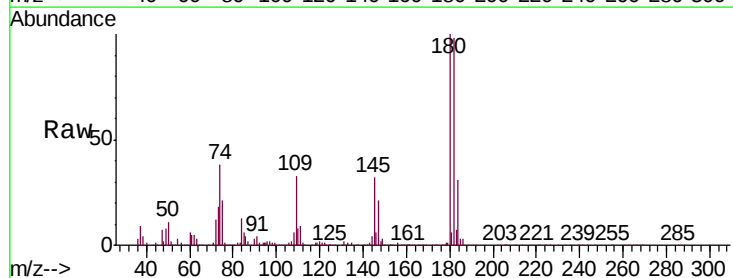


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

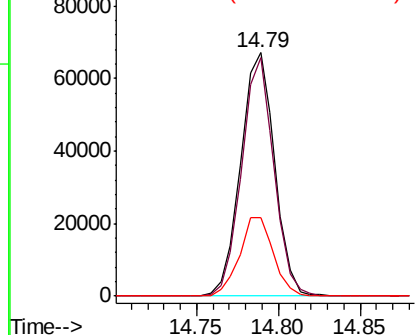
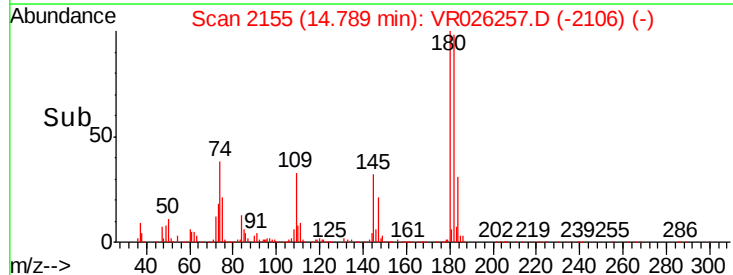


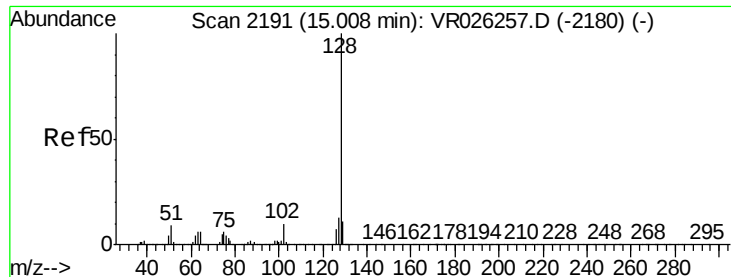
#68
 1,2,4-trichlorobenzene
 Concen: 4.690 ug/L
 RT: 14.79 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VR026257.D
 Acq: 21 Nov 2018 12:43

Tgt Ion:	180	Resp:	96943
Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.9	112.3
145	32.5	26.0	39.0



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

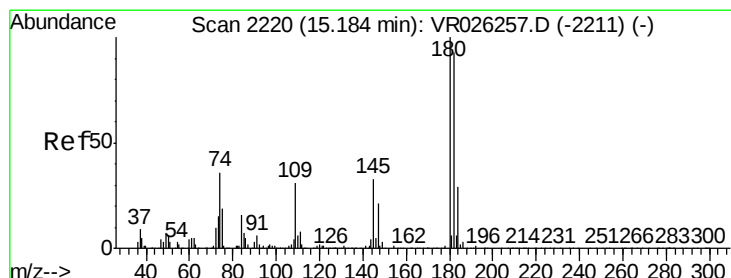
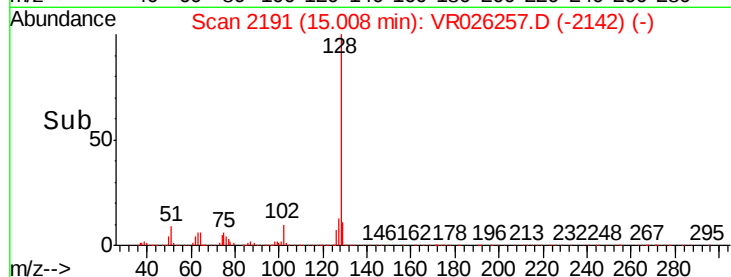
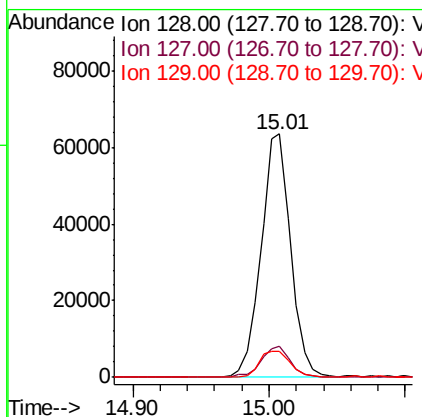
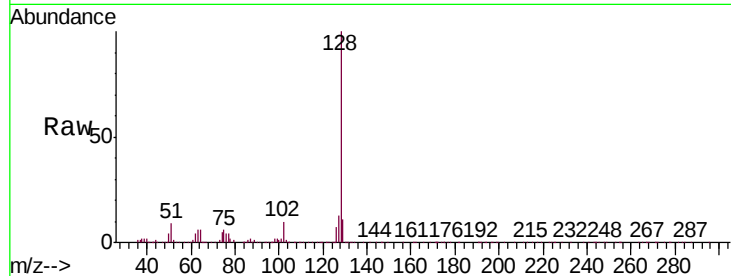




#69
Naphthalene
Concen: 4.771 ug/L
RT: 15.01 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Instrument :
MSVOA_R
ClientSampleId :
VSTD00598

Tgt Ion:128 Resp: 96385
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.5 9.2 13.8



#70
1,2,3-Trichlorobenzene
Concen: 4.744 ug/L
RT: 15.18 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VR026257.D
Acq: 21 Nov 2018 12:43

Tgt Ion:180 Resp: 72750
Ion Ratio Lower Upper
180 100
182 92.4 73.9 110.9
145 35.2 28.2 42.2

