

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055848.D
 Acq On : 28 May 2019 13:16
 Operator : JC/SP
 Sample : PB120073TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120073TB

Quant Time: May 28 17:38:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

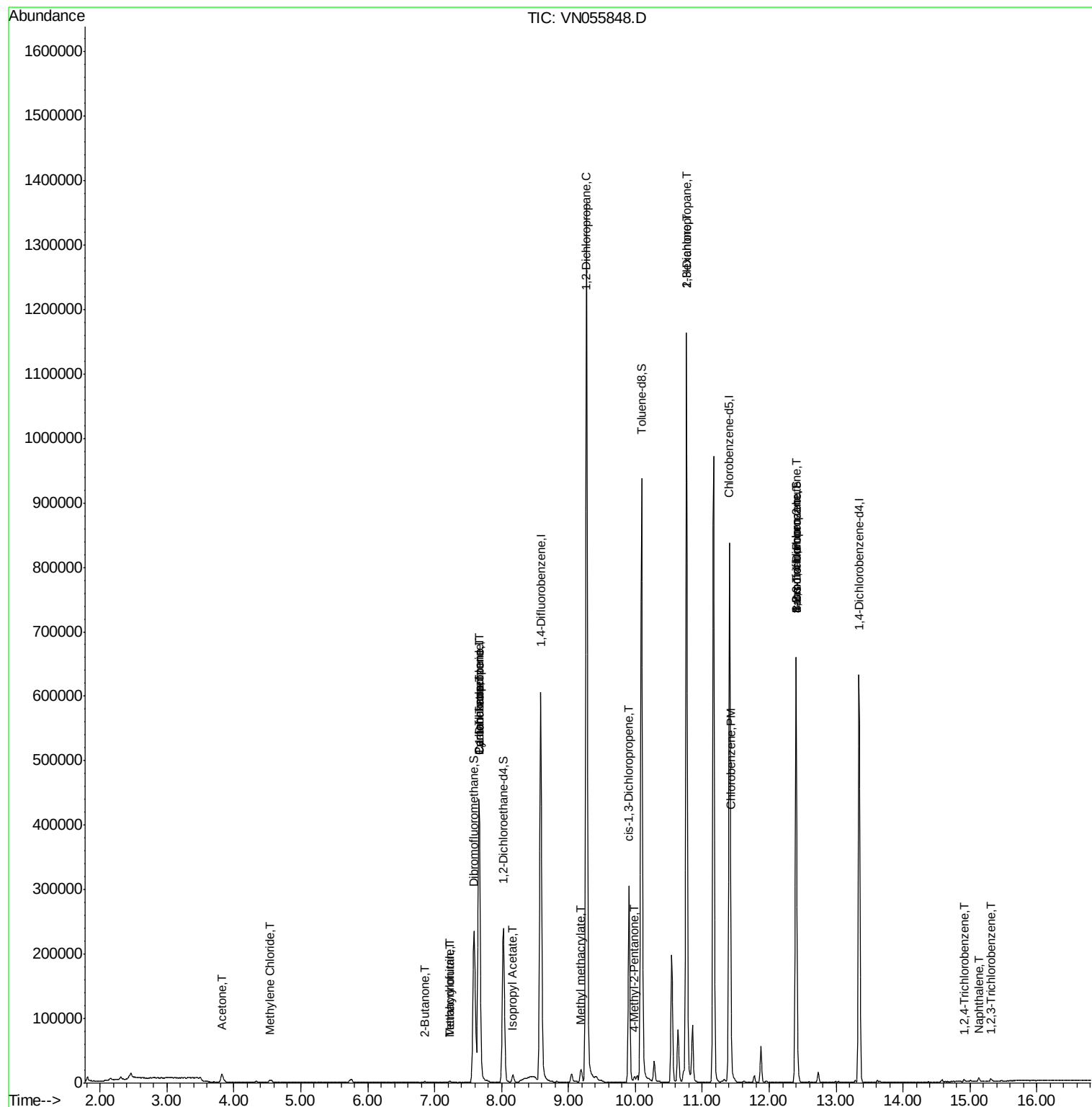
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	424786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	603602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	201329	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
35) Dibromofluoromethane	7.59	113	181003	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	10.09	98	723593	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	231819	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	21909	11.361	ug/l	98
18) Methyl Acetate	4.33	43	4143	Below Cal	#	73
20) Methylene Chloride	4.54	84	3273	0.784	ug/l	91
25) 2-Butanone	6.85	43	3594	1.335	ug/l	93
29) Tetrahydrofuran	7.23	42	1895	1.111	ug/l #	65
31) Cyclohexane	7.66	56	6017	0.914	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24766	4.708	ug/l #	48
38) Carbon Tetrachloride	7.66	117	34326	6.265	ug/l #	14
41) Methacrylonitrile	7.23	41	995	0.387	ug/l #	25
43) Isopropyl Acetate	8.17	43	14793	1.732	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1624	0.393	ug/l #	44
48) Methyl methacrylate	9.18	41	7601	1.931	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	6106	1.210	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	59909	9.121	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	12731	1.961	ug/l #	42
59) 2-Hexanone	10.76	43	165558	46.260	ug/l #	50
65) Chlorobenzene	11.43	112	2586	0.236	ug/l	93
71) Bromoform	12.40	173	1600	0.429	ug/l #	1
73) Isopropylbenzene	12.25	105	800	Below Cal	#	62
74) N-amyl acetate	12.07	43	957	Below Cal	#	66
76) 1,2,3-Trichloropropane	12.40	75	106433	30.444	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1080	Below Cal		99
80) 1,3,5-Trimethylbenzene	12.73	105	9106	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	106433	73.385	ug/l #	15
83) tert-Butylbenzene	12.99	119	684	Below Cal	#	68
84) 1,2,4-Trimethylbenzene	13.04	105	1545	Below Cal		96
85) sec-Butylbenzene	13.17	105	1396	Below Cal		94
93) 1,2,4-Trichlorobenzene	14.91	180	1425	3.986	ug/l #	91
94) Hexachlorobutadiene	15.00	225	593	Below Cal	#	77
95) Naphthalene	15.13	128	5667	0.628	ug/l	94
96) 1,2,3-Trichlorobenzene	15.32	180	1980	0.569	ug/l	96

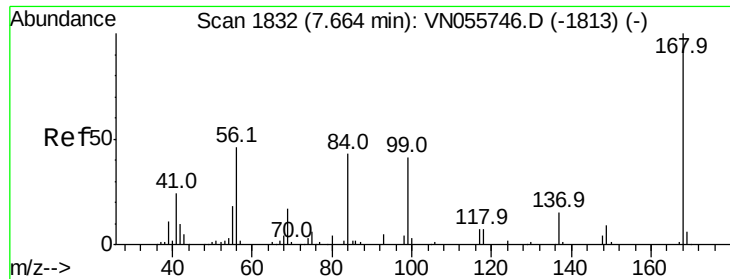
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 06:41:54 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

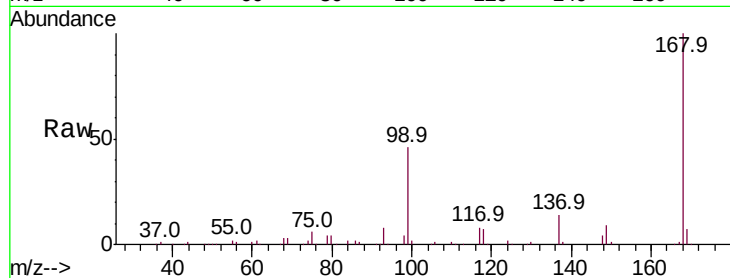
PB120073TB

Tot Ion:168 Resp: 424786

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

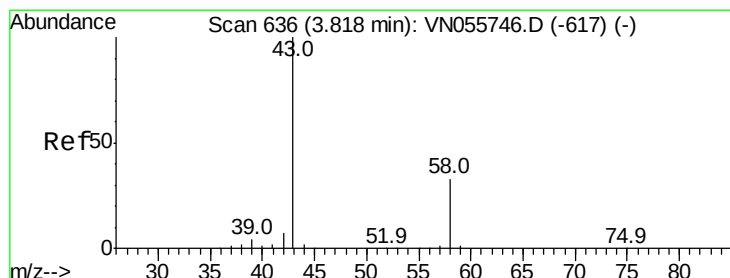
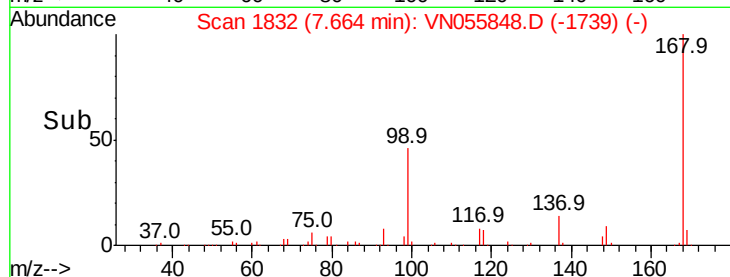
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.361 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055848.D

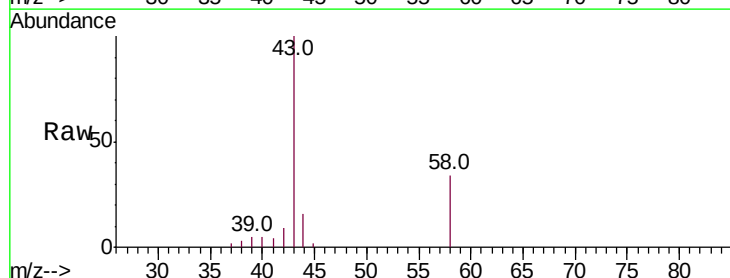
Acq: 28 May 2019 13:16

Tgt Ion: 43 Resp: 21909

Ion Ratio Lower Upper

43 100

58 34.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

6000

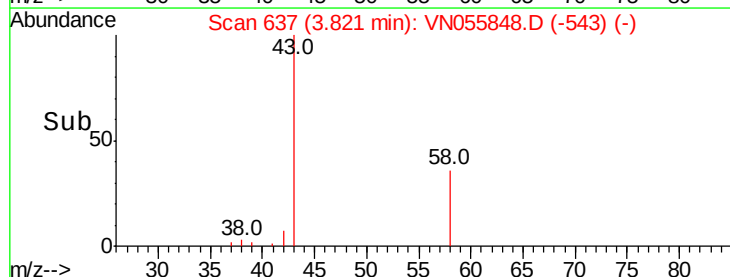
4000

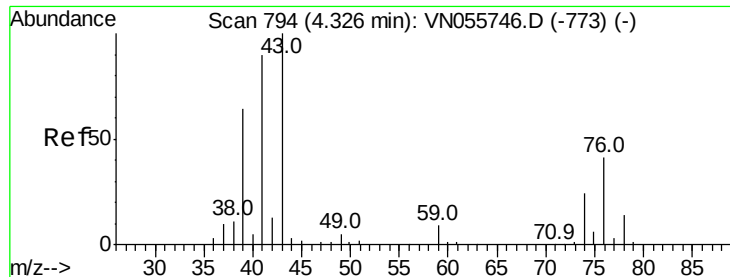
2000

0

3.75 3.80 3.85 3.90

Time-->

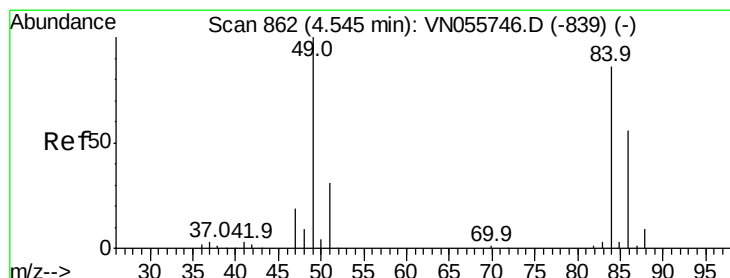
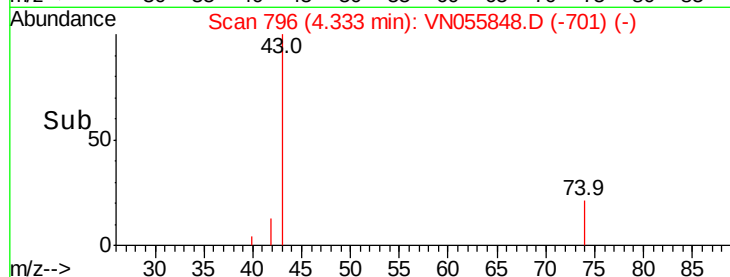
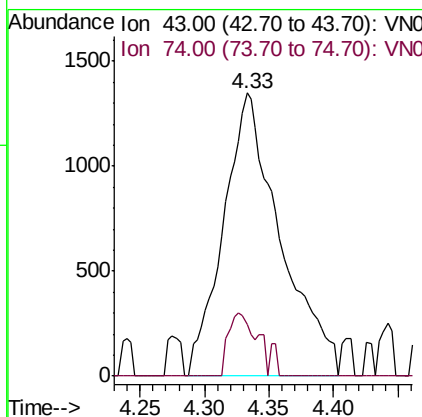
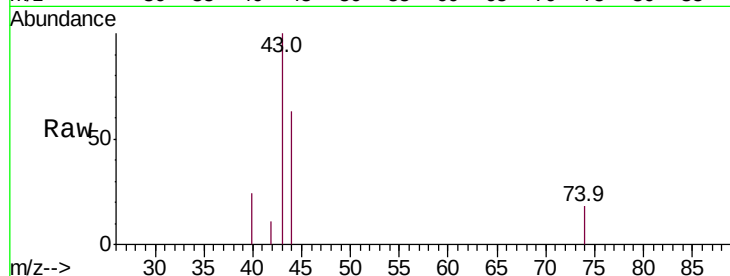




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055848.D
Acq: 28 May 2019 13:16

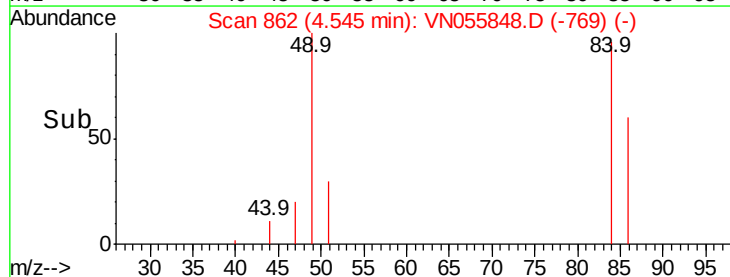
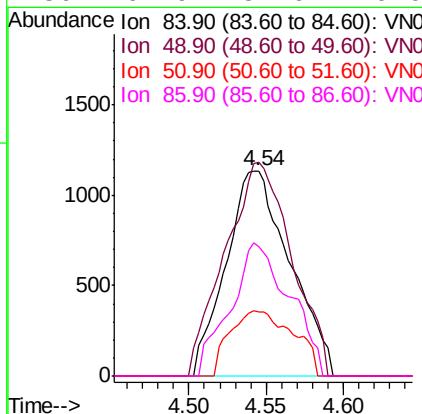
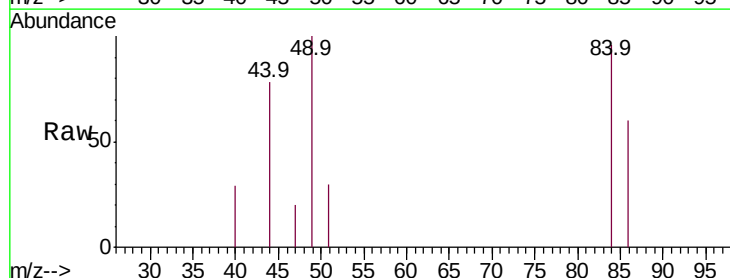
Instrument :
MSVOA_N
ClientSampled :
PB120073TB

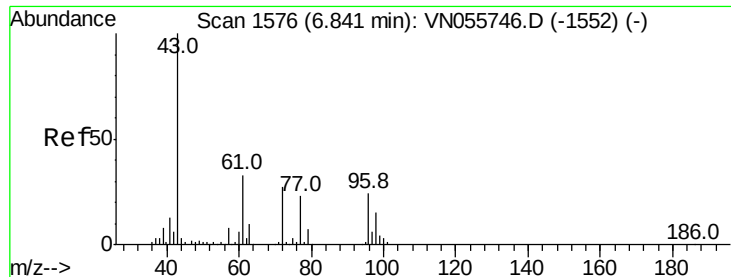
Tot Ion: 43 Resp: 4143
Ion Ratio Lower Upper
43 100
74 10.7 19.3 28.9#



#20
Methylene Chloride
Concen: 0.784 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055848.D
Acq: 28 May 2019 13:16

Tgt Ion: 84 Resp: 3273
Ion Ratio Lower Upper
84 100
49 104.2 93.5 140.3
51 31.3 28.6 43.0
86 62.9 52.6 79.0





#25

2-Butanone

Concen: 1.335 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampled :

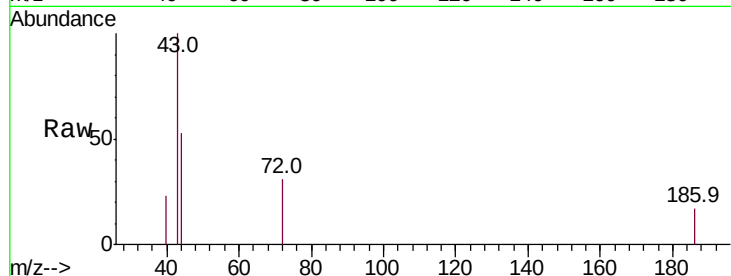
PB120073TB

Tot Ion: 43 Resp: 3594

Ion Ratio Lower Upper

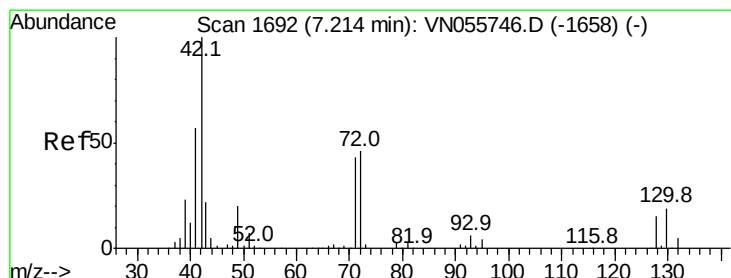
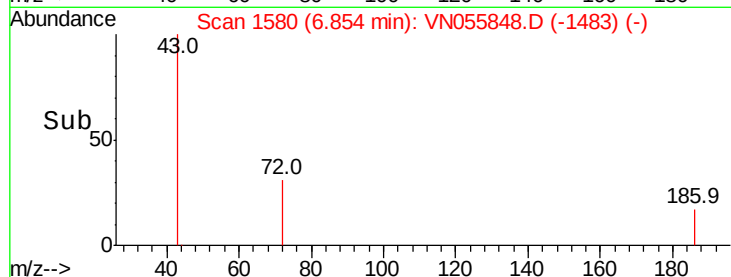
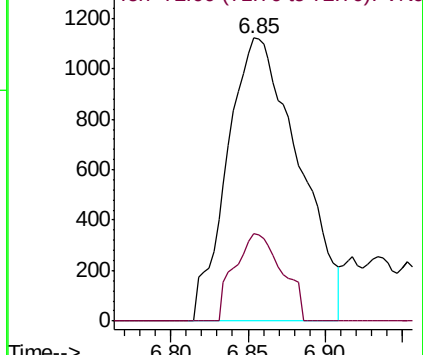
43 100

72 31.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 1.111 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

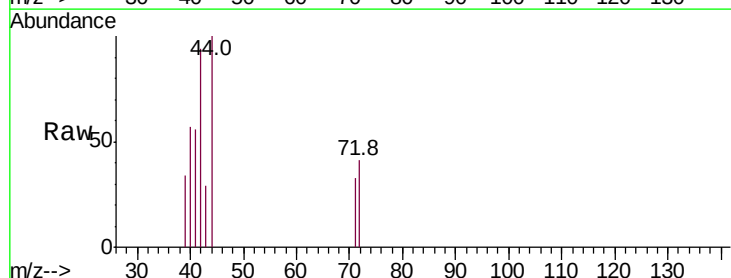
Tgt Ion: 42 Resp: 1895

Ion Ratio Lower Upper

42 100

72 31.1 35.9 53.9#

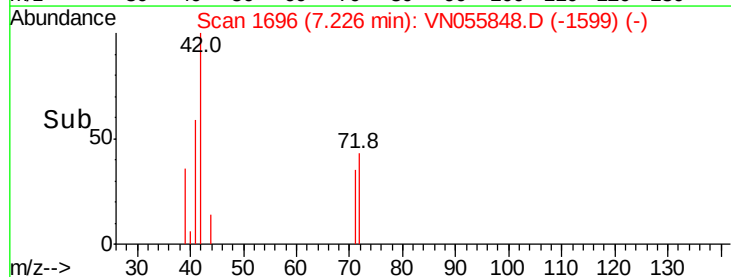
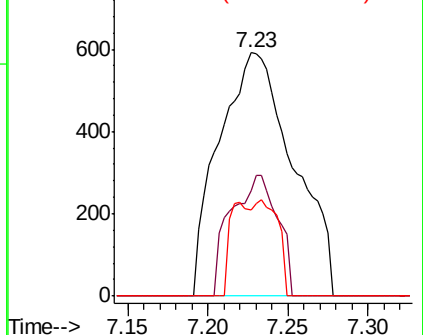
71 10.9 34.0 51.0#

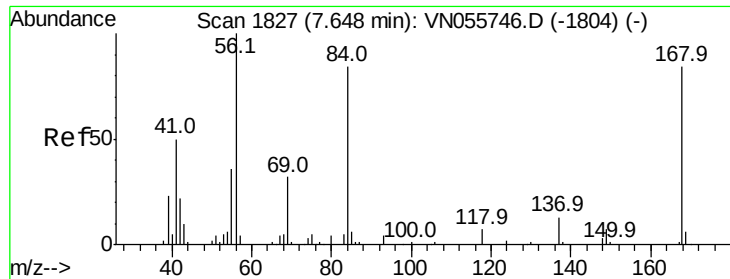


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

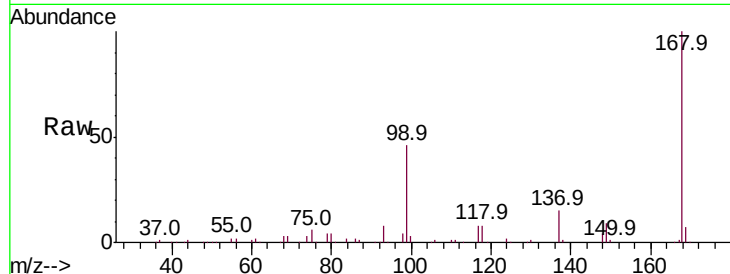




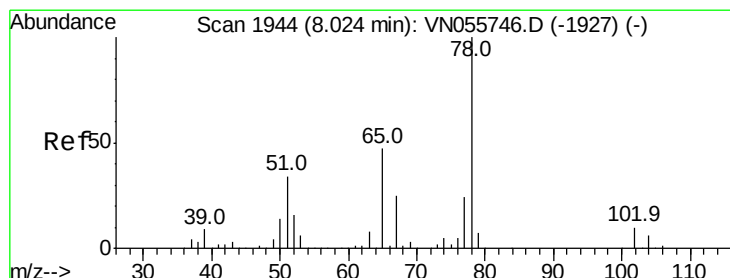
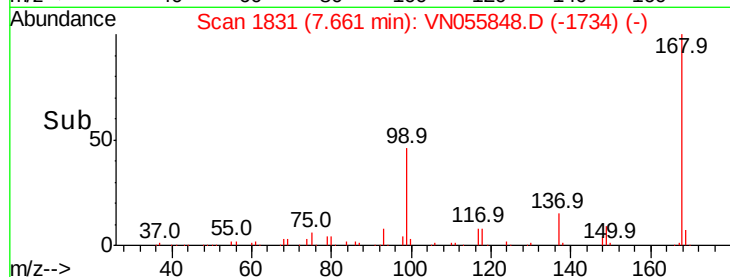
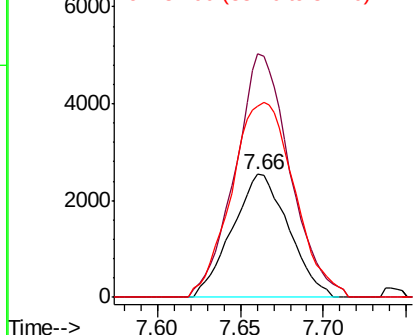
#31
Cyclohexane
Concen: 0.914 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055848.D
Acq: 28 May 2019 13:16

Instrument :
MSVOA_N
ClientSampled :
PB120073TB

Tot Ion: 56 Resp: 6017
Ion Ratio Lower Upper
56 100
69 197.8 25.6 38.4#
84 155.6 67.4 101.0#

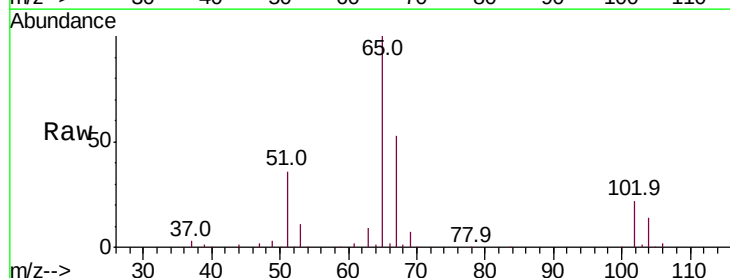


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

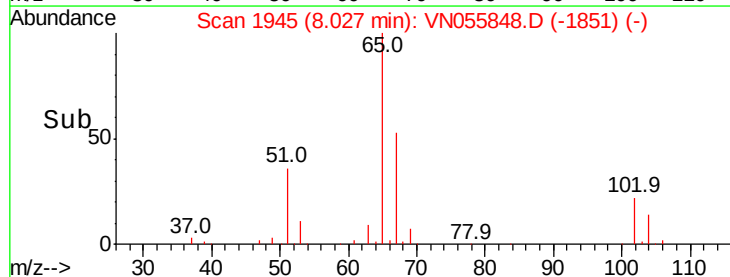
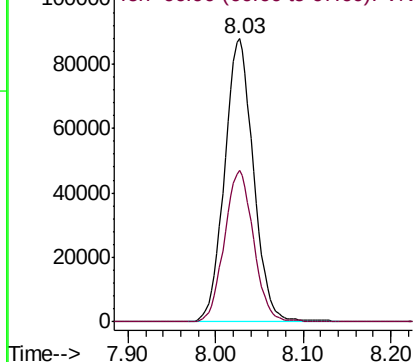


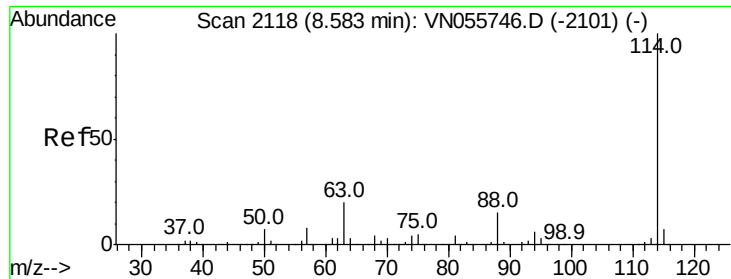
#33
1,2-Dichloroethane-d4
Concen: 45.894 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055848.D
Acq: 28 May 2019 13:16

Tgt Ion: 65 Resp: 201329
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

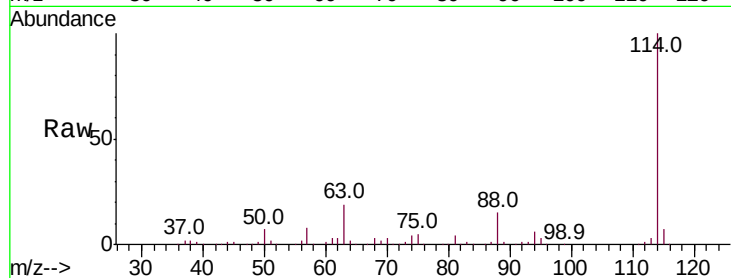




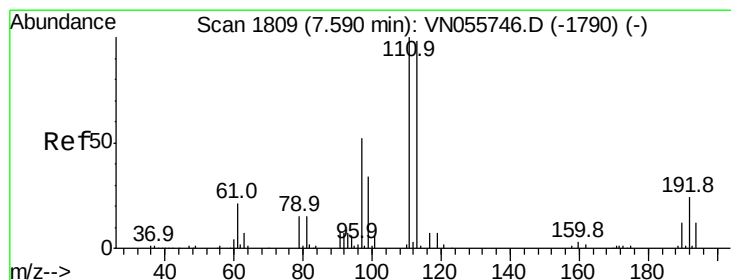
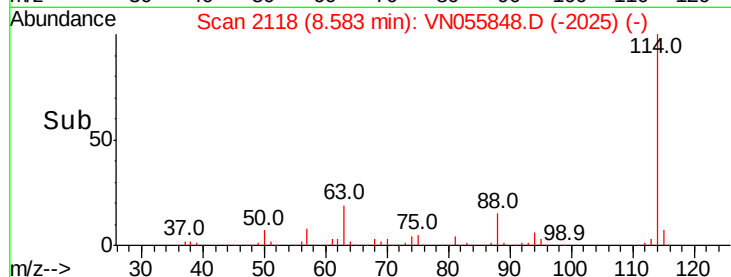
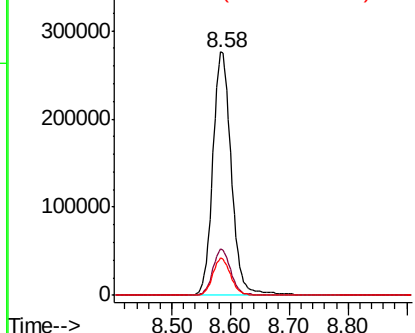
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055848.D
 Acq: 28 May 2019 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120073TB

Tot Ion:114 Resp: 603602
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.4 0.0 31.0

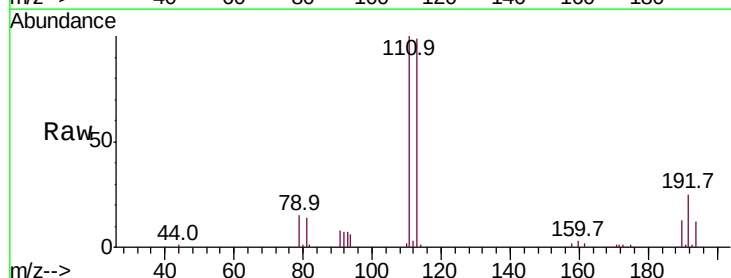


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

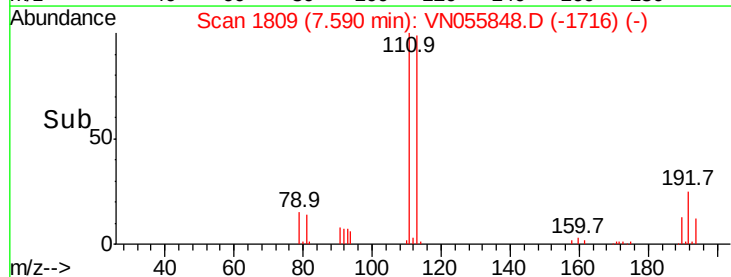
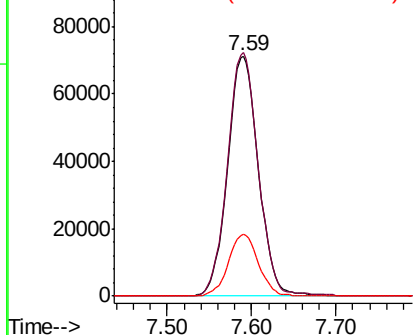


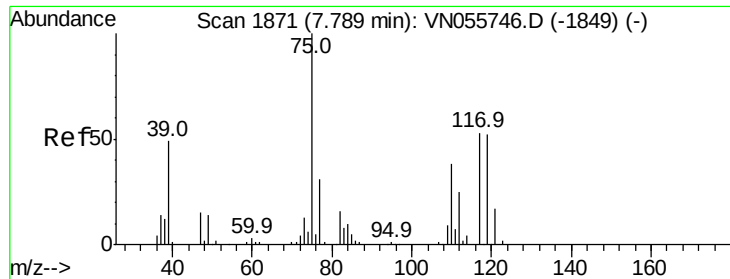
#35
 Dibromofluoromethane
 Concen: 47.430 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055848.D
 Acq: 28 May 2019 13:16

Tgt Ion:113 Resp: 181003
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.9 122.9
 192 25.1 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

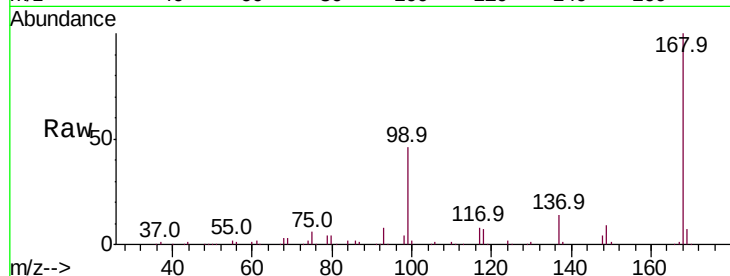




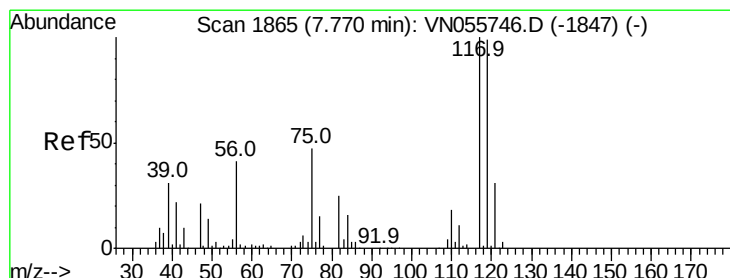
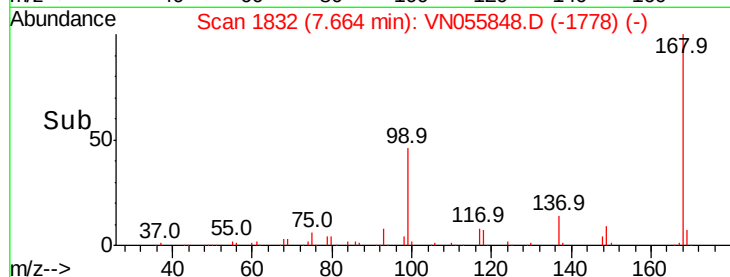
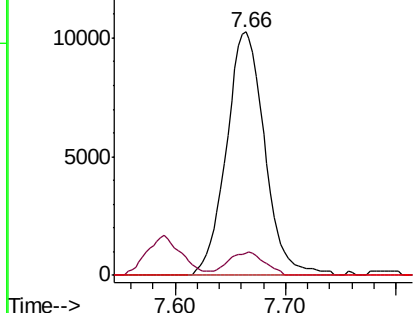
#36
 1,1-Dichloropropene
 Concen: 4.708 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055848.D
 Acq: 28 May 2019 13:16

Instrument :
 MSVOA_N
 ClientSampled :
 PB120073TB

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.0	57.0#
77	0.0	25.1	37.7#

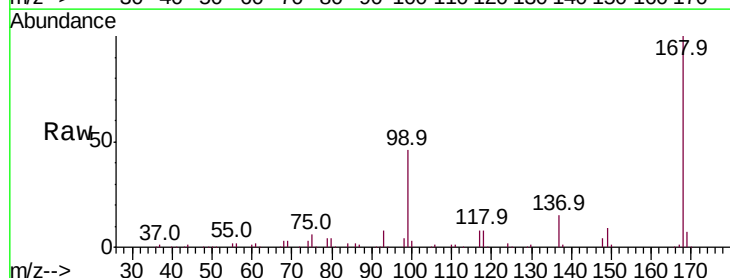


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

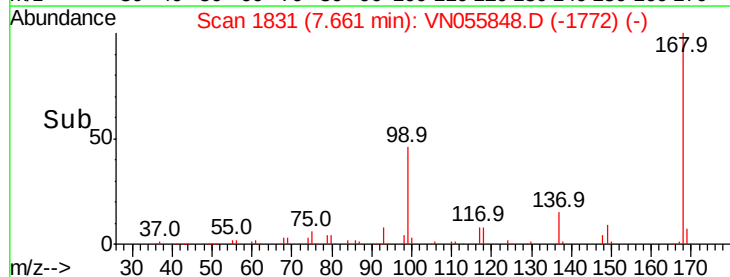
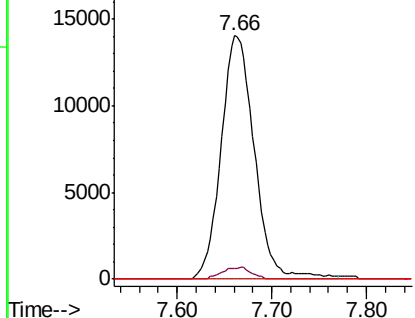


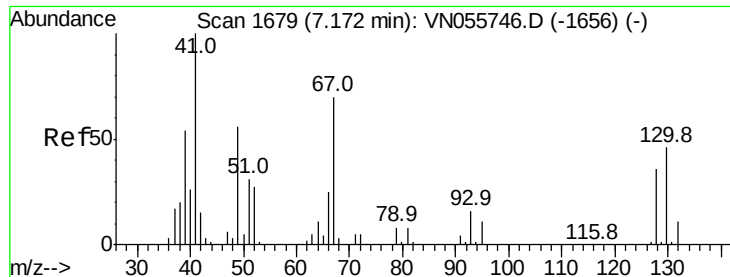
#38
 Carbon Tetrachloride
 Concen: 6.265 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN055848.D
 Acq: 28 May 2019 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	79.0	118.6#
121	0.0	24.7	37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

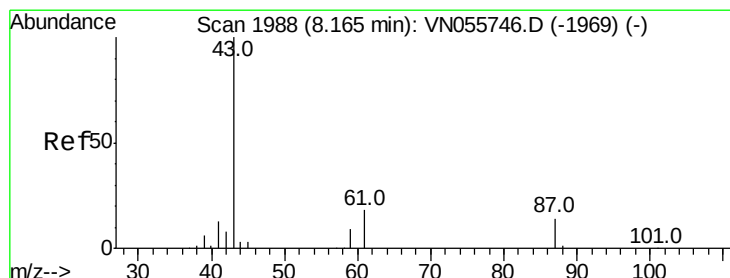
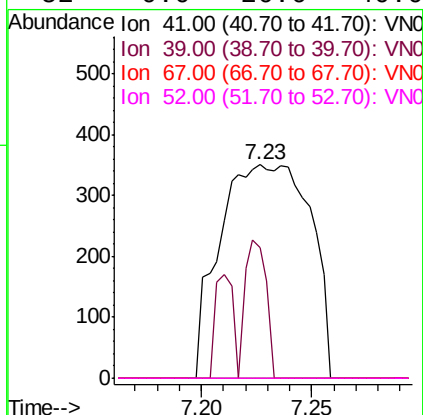
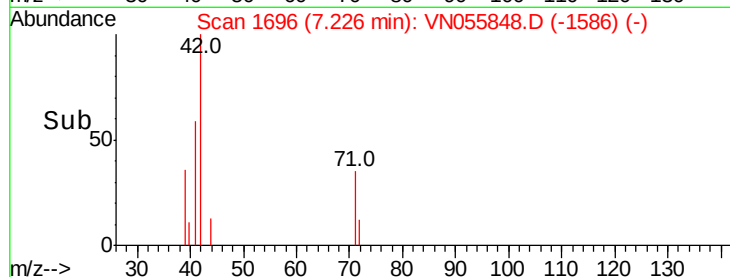
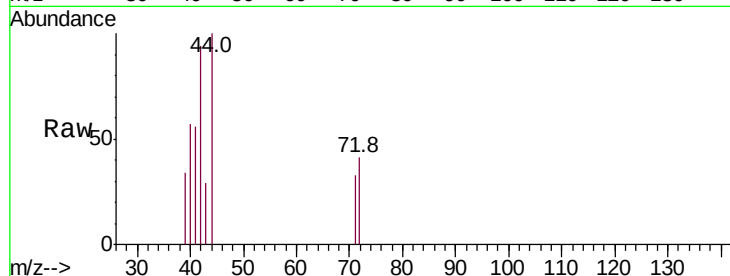




#41
Methacrylonitrile
Concen: 0.387 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN055848.D
Acq: 28 May 2019 13:16

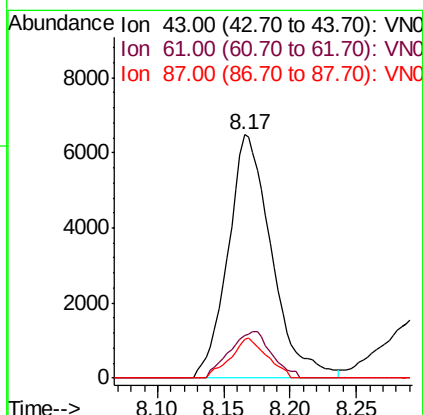
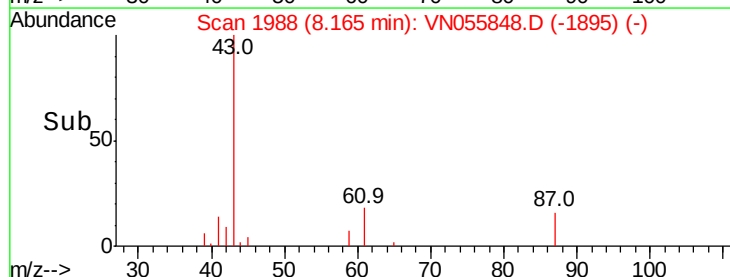
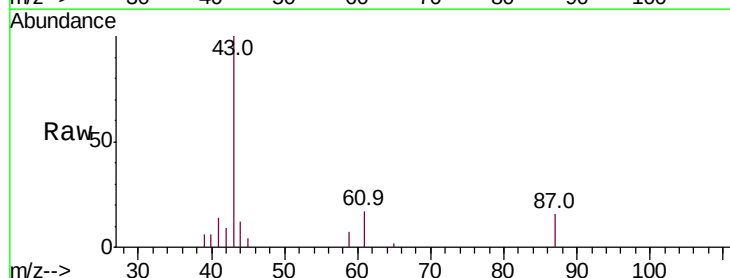
Instrument :
MSVOA_N
ClientSampled :
PB120073TB

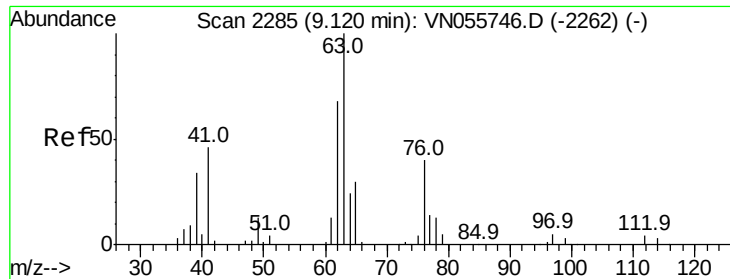
Tot Ion: 41 Resp: 995
Ion Ratio Lower Upper
41 100
39 15.2 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.732 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055848.D
Acq: 28 May 2019 13:16

Tgt Ion: 43 Resp: 14793
Ion Ratio Lower Upper
43 100
61 18.4 22.2 33.4#
87 13.8 11.4 17.2

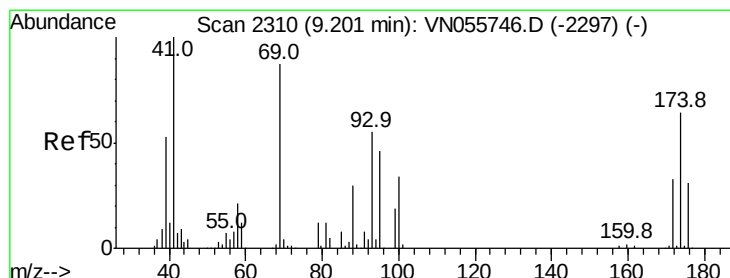
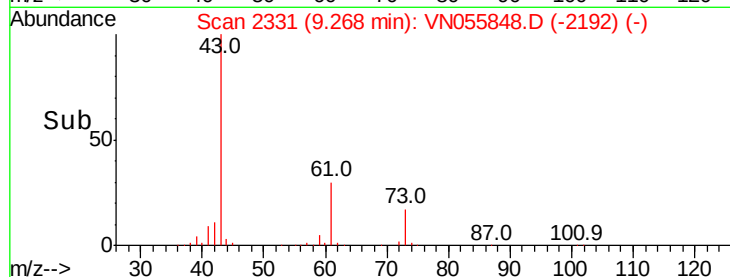
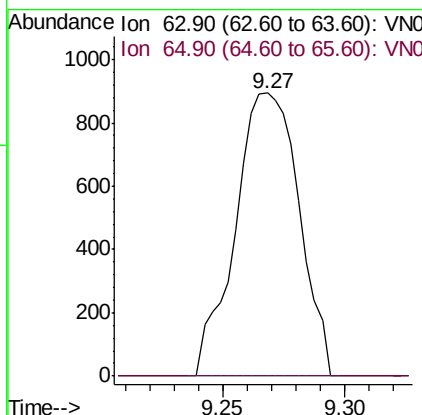
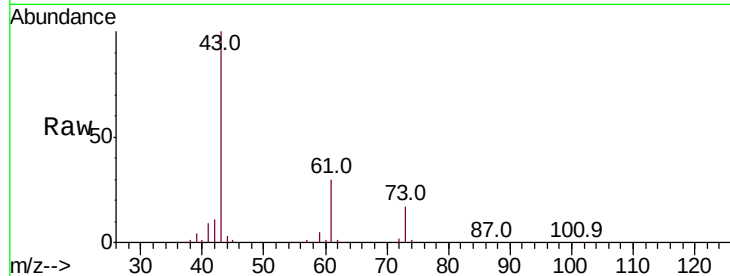




#45
 1,2-Dichloropropane
 Concen: 0.393 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055848.D
 Acq: 28 May 2019 13:16

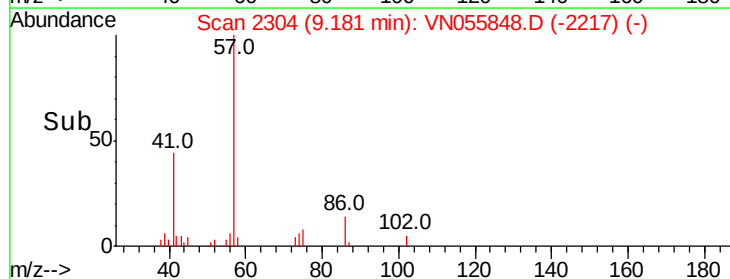
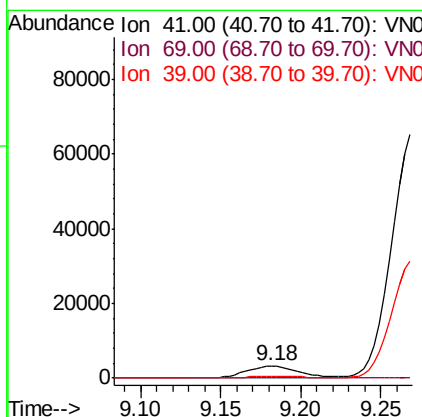
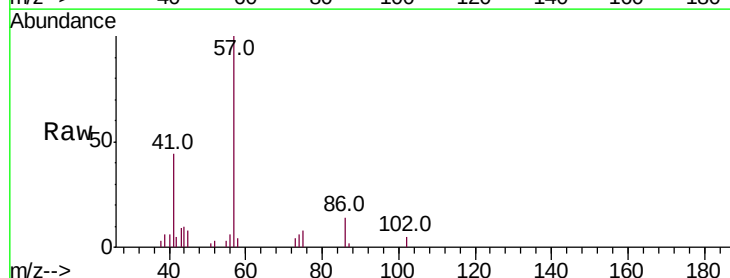
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120073TB

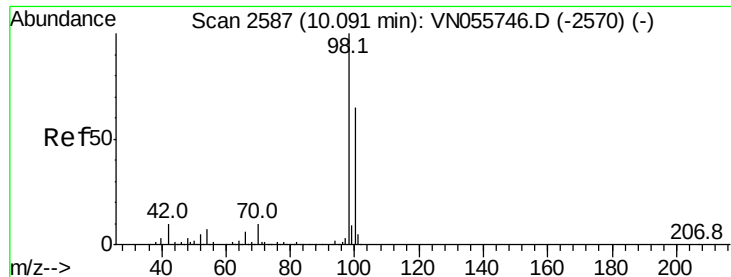
Tot Ion: 63 Resp: 1624
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 1.931 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN055848.D
 Acq: 28 May 2019 13:16

Tgt Ion: 41 Resp: 7601
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 44.2 66.2#

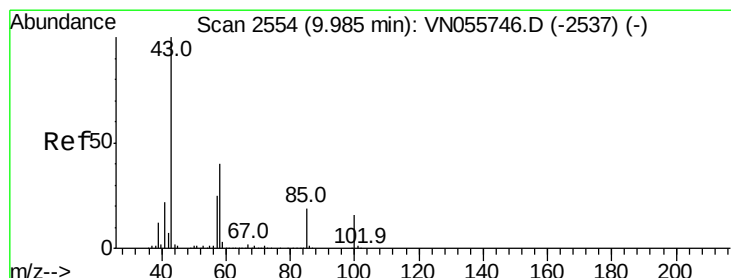
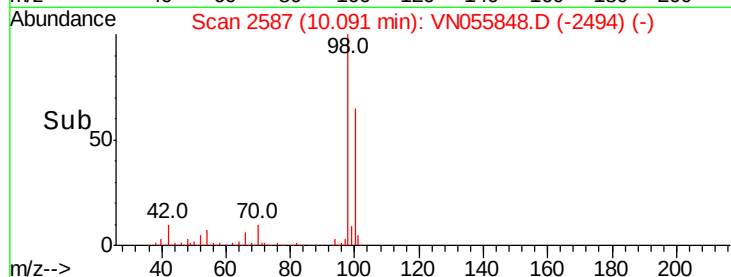
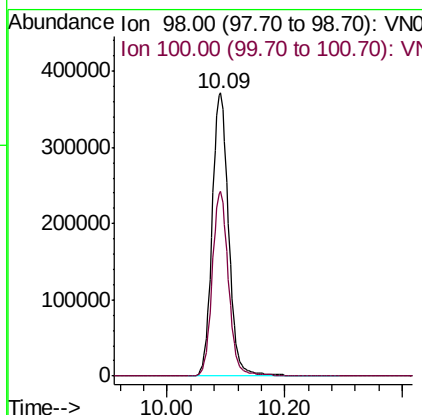
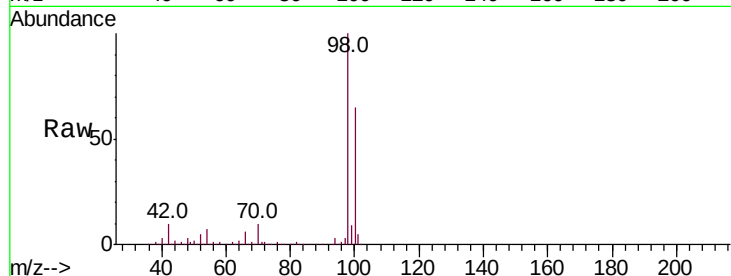




#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055848.D
Acq: 28 May 2019 13:16

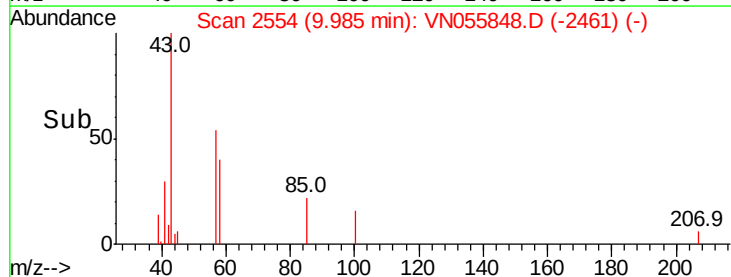
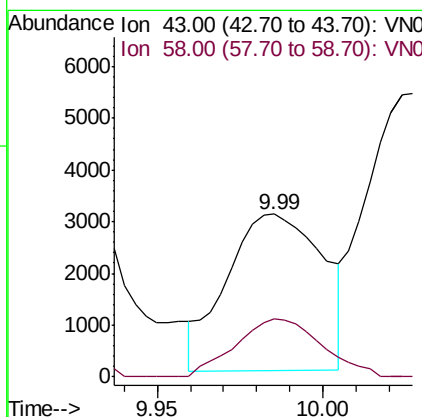
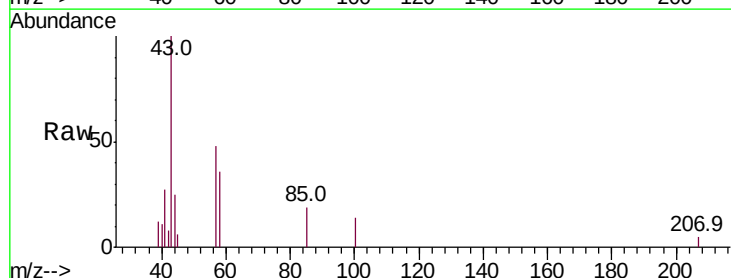
Instrument :
MSVOA_N
ClientSampled :
PB120073TB

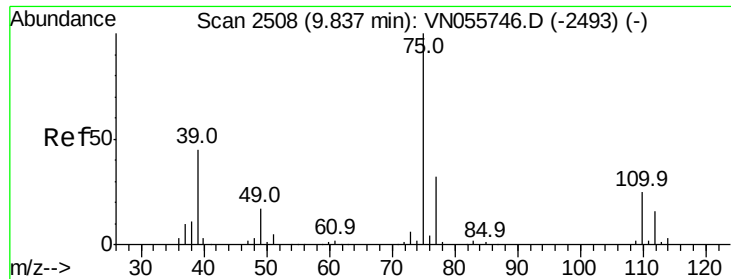
Tot Ion: 98 Resp: 723593
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.210 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055848.D
Acq: 28 May 2019 13:16

Tgt Ion: 43 Resp: 6106
Ion Ratio Lower Upper
43 100
58 33.2 32.1 48.1





#54

cis-1,3-Dichloropropene

Concen: 9.121 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB120073TB

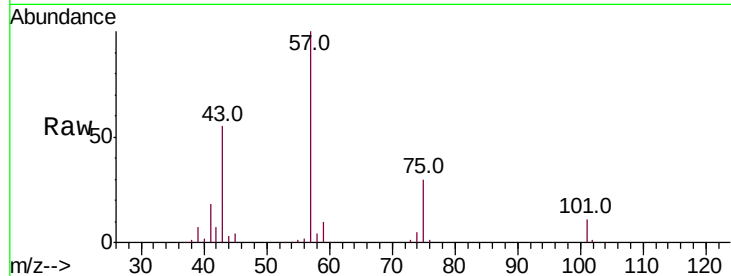
Tot Ion: 75 Resp: 59909

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

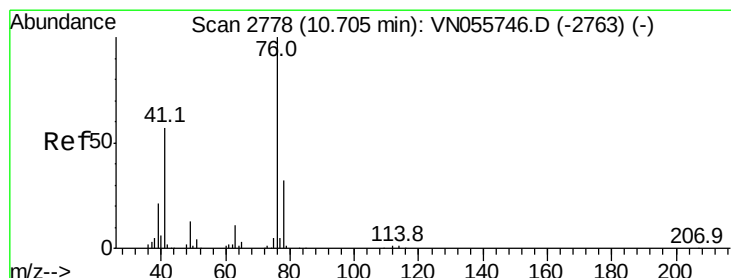
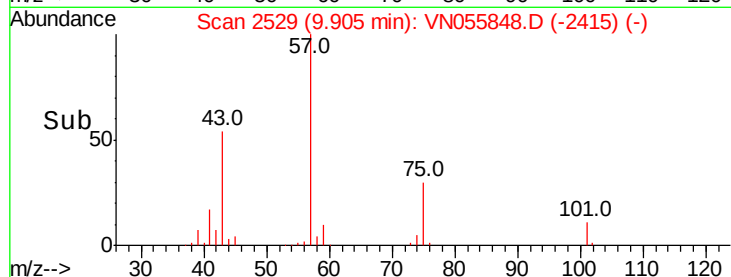
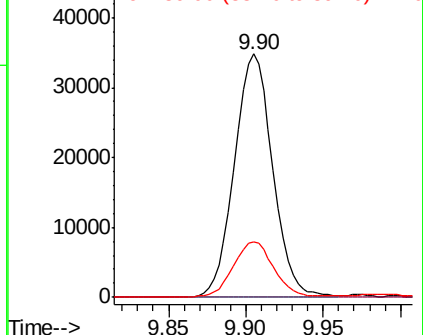
39 23.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.961 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055848.D

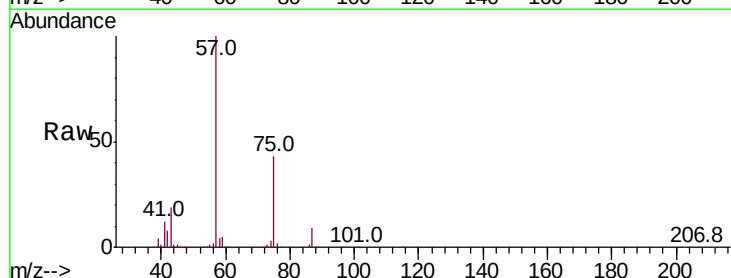
Acq: 28 May 2019 13:16

Tgt Ion: 76 Resp: 12731

Ion Ratio Lower Upper

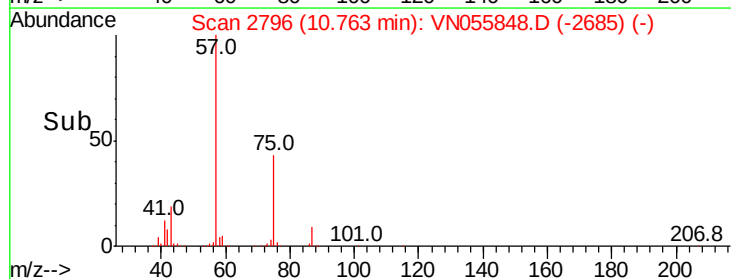
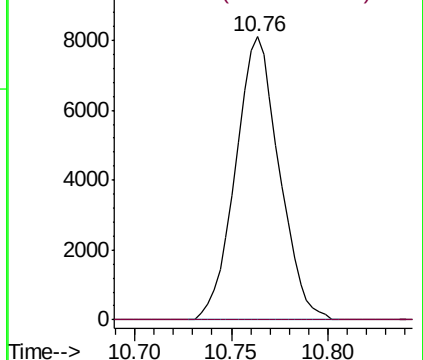
76 100

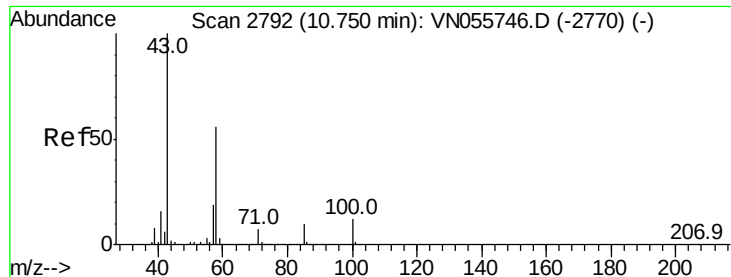
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 46.260 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

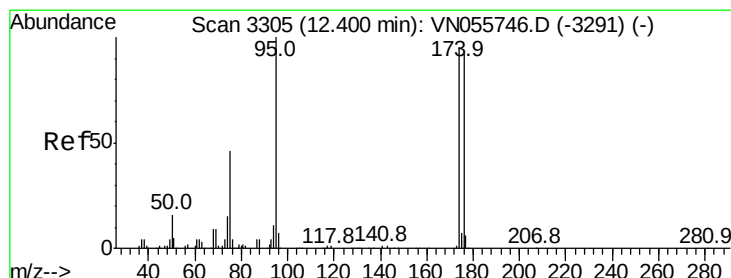
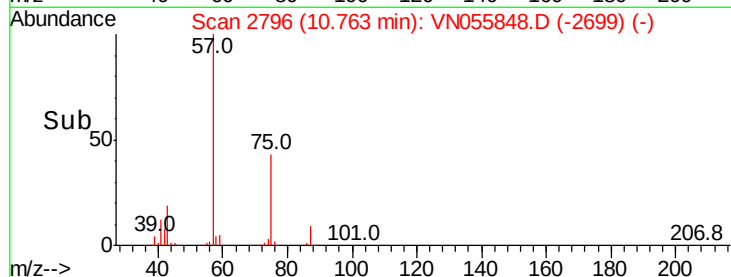
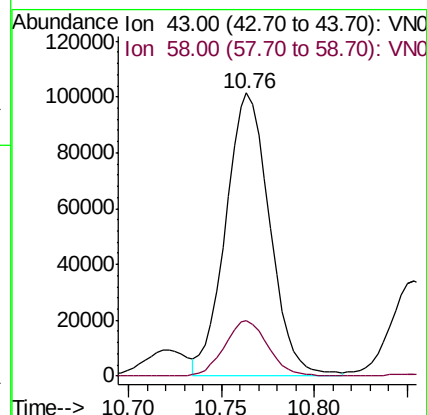
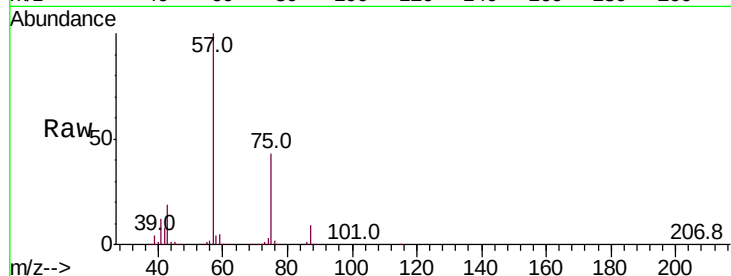
PB120073TB

Tot Ion: 43 Resp: 165558

Ion Ratio Lower Upper

43 100

58 19.9 28.2 84.7#



#62

4-Bromofluorobenzene

Concen: 46.185 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

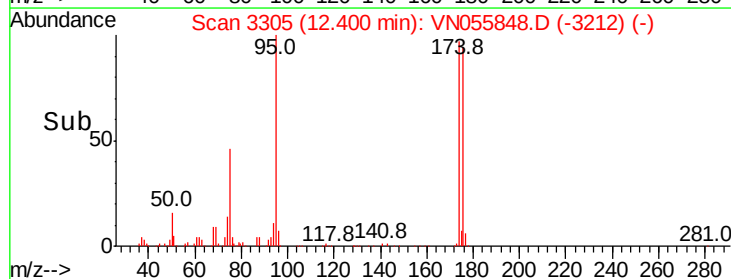
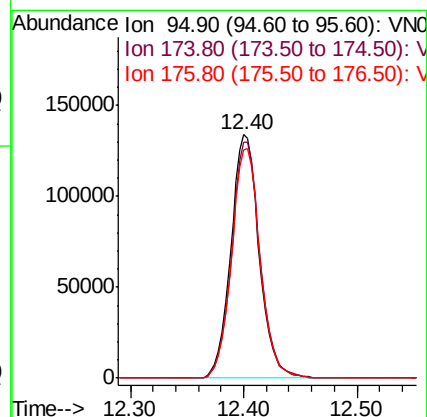
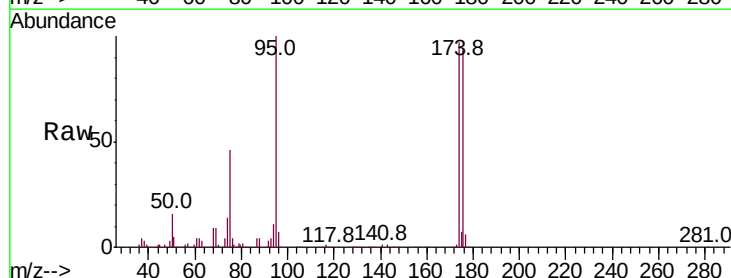
Tgt Ion: 95 Resp: 231819

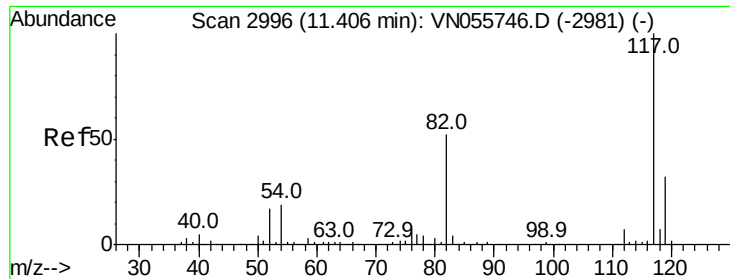
Ion Ratio Lower Upper

95 100

174 97.8 0.0 191.0

176 95.5 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB120073TB

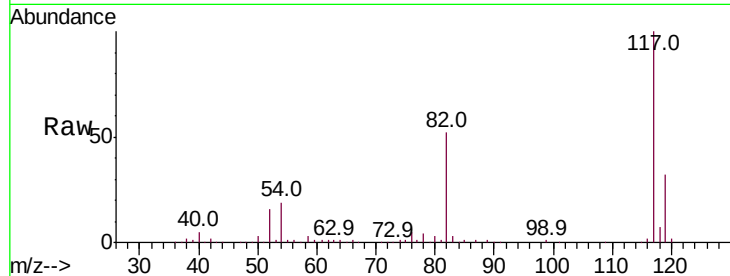
Tot Ion:117 Resp: 548239

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

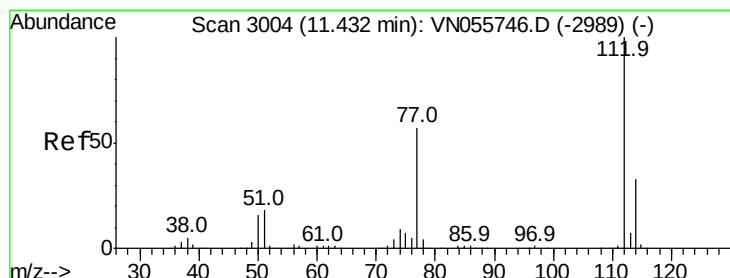
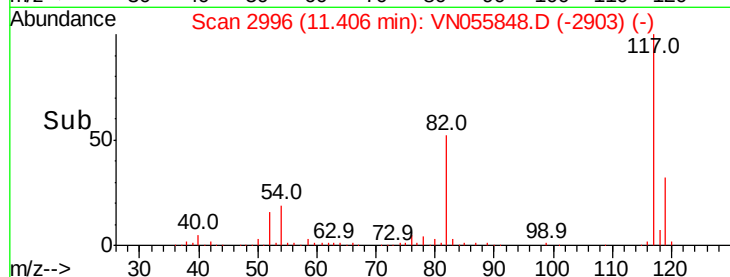
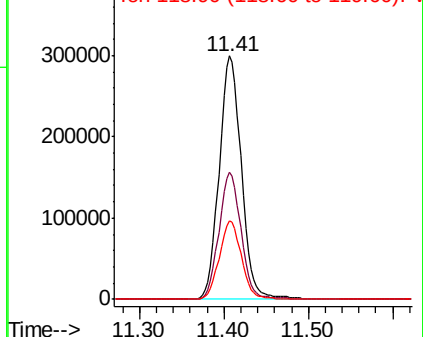
119 32.1 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.236 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055848.D

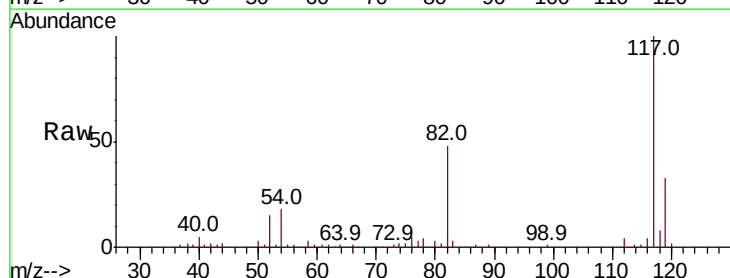
Acq: 28 May 2019 13:16

Tgt Ion:112 Resp: 2586

Ion Ratio Lower Upper

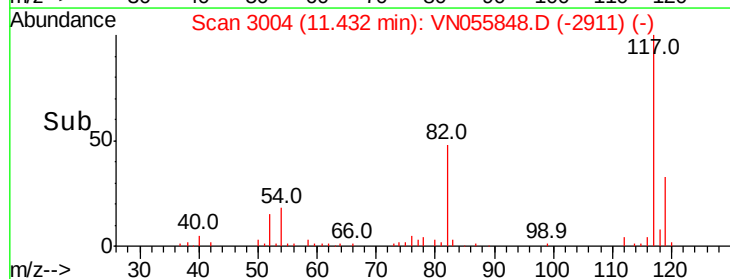
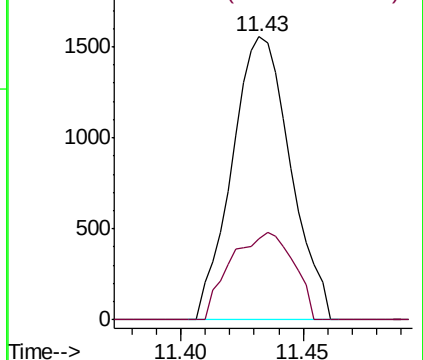
112 100

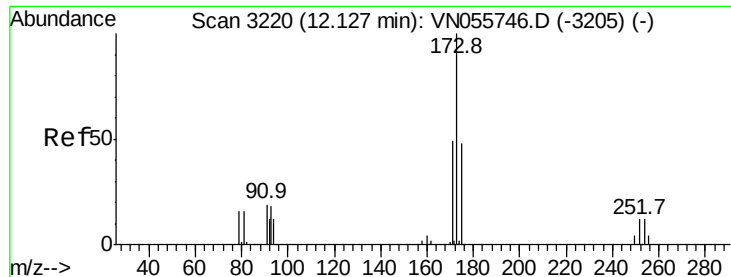
114 28.8 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.429 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB120073TB

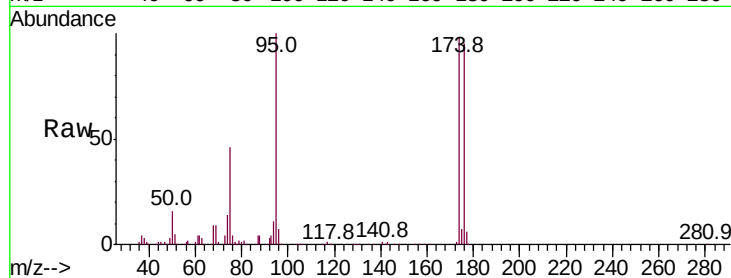
Tot Ion:173 Resp: 1600

Ion Ratio Lower Upper

173 100

175 899.0 24.3 72.8#

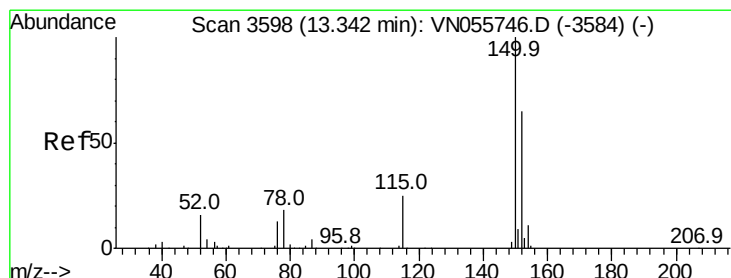
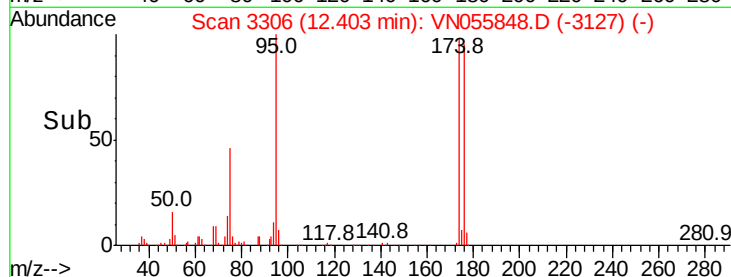
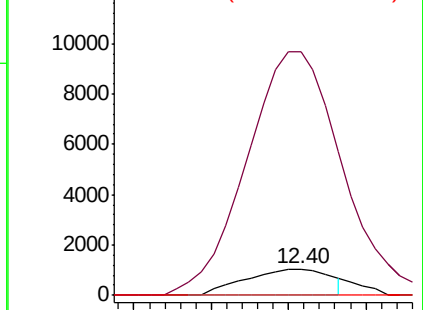
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

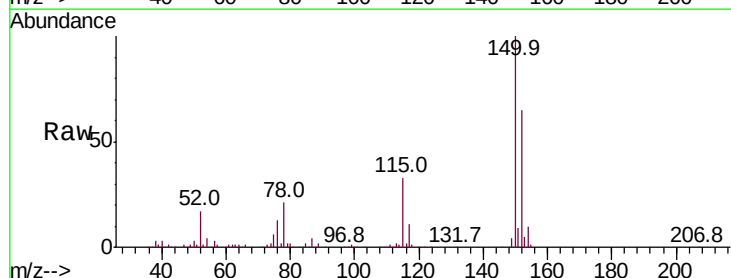
Tgt Ion:152 Resp: 195140

Ion Ratio Lower Upper

152 100

115 52.6 27.0 81.0

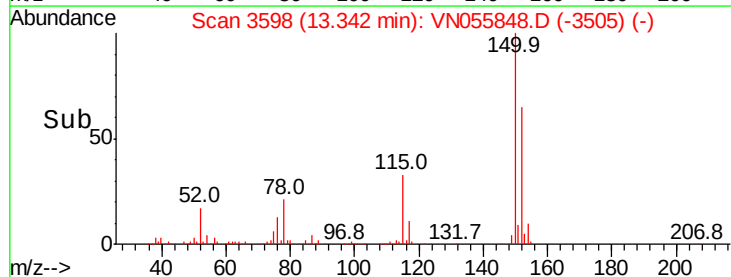
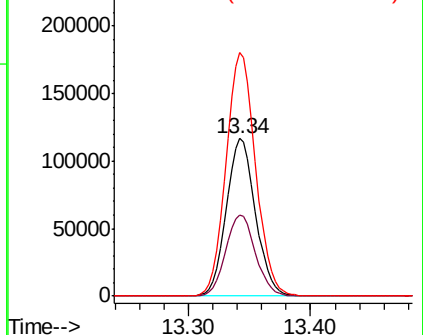
150 156.2 0.0 343.2

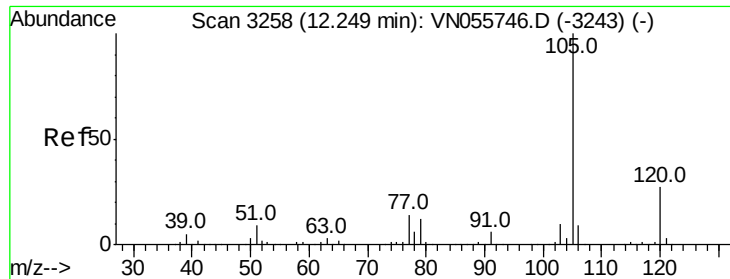


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

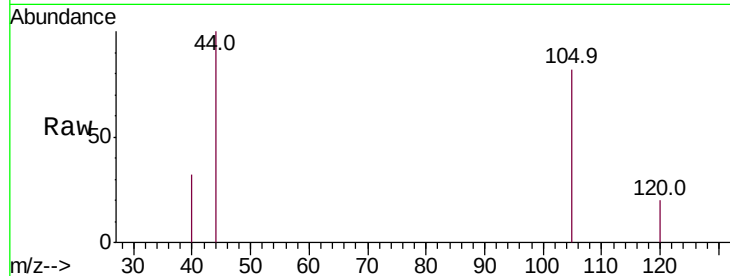
PB120073TB

Tot Ion:105 Resp: 800

Ion Ratio Lower Upper

105 100

120 7.4 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

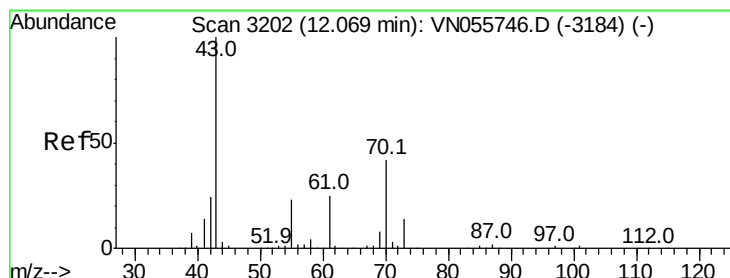
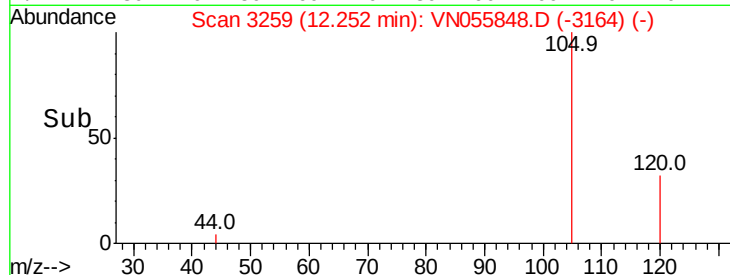
600

400

200

0

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Tgt Ion: 43 Resp: 957

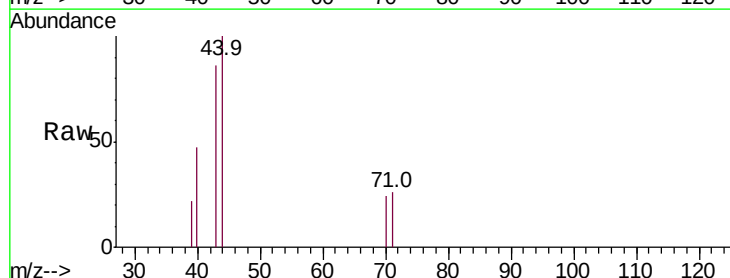
Ion Ratio Lower Upper

43 100

70 26.6 34.0 51.0#

55 6.1 18.6 28.0#

61 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

800

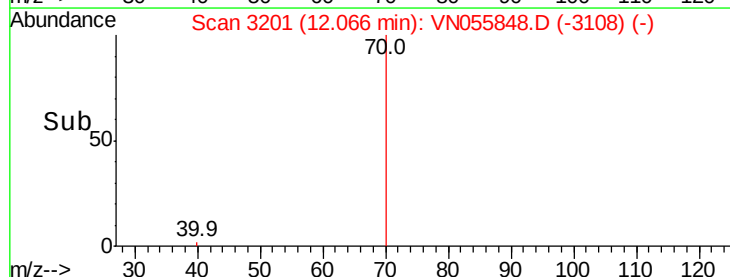
600

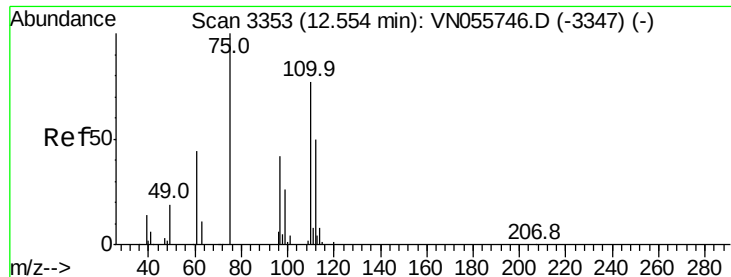
400

200

0

Time-->





#76

1,2,3-Trichloropropane

Concen: 30.444 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampled :

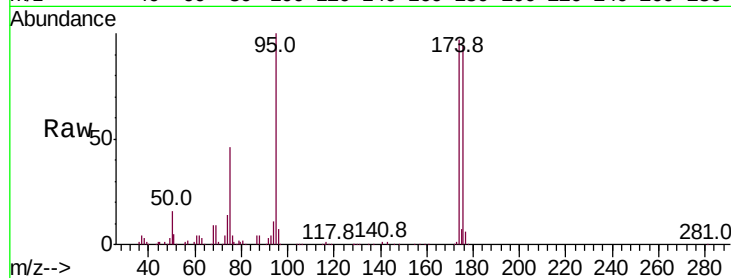
PB120073TB

Tot Ion: 75 Resp: 106433

Ion Ratio Lower Upper

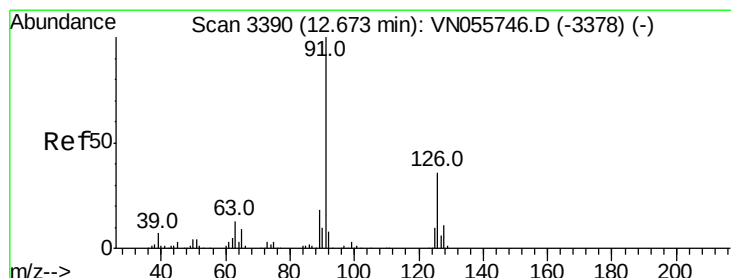
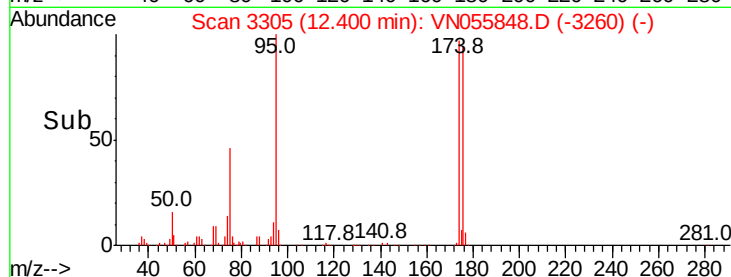
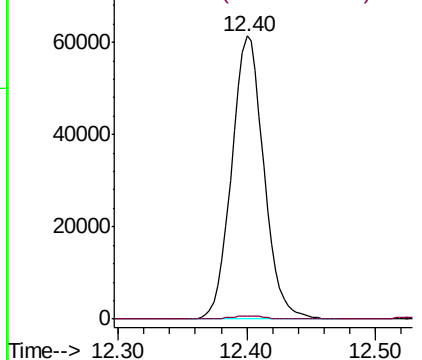
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN055848.D

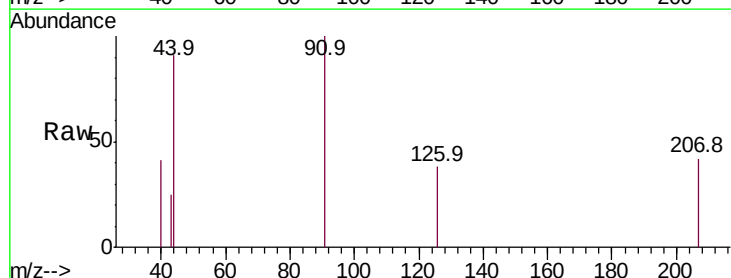
Acq: 28 May 2019 13:16

Tgt Ion: 91 Resp: 1080

Ion Ratio Lower Upper

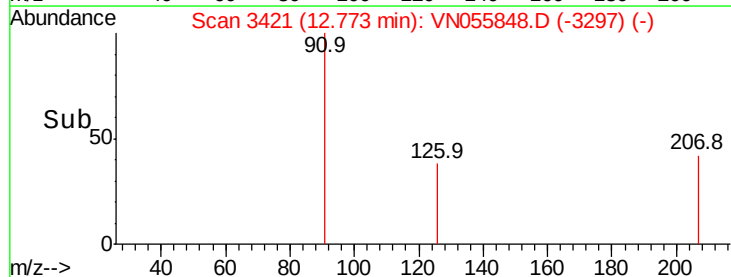
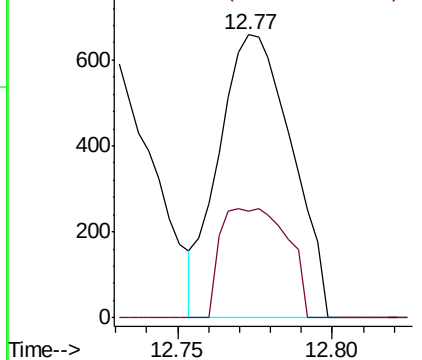
91 100

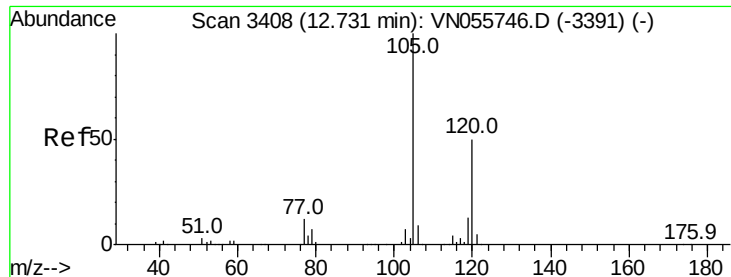
126 35.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampled :

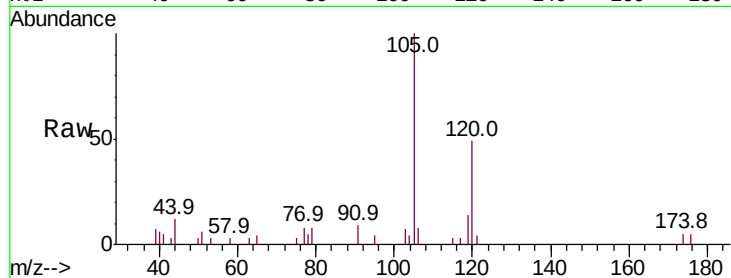
PB120073TB

Tot Ion:105 Resp: 9106

Ion Ratio Lower Upper

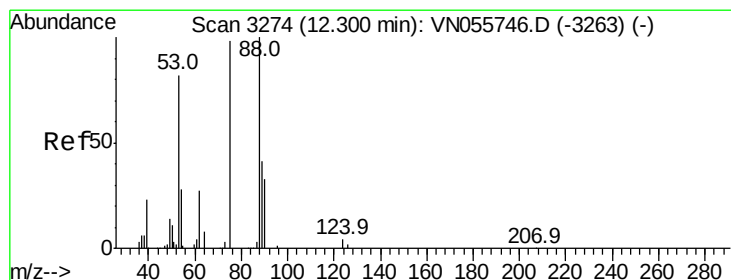
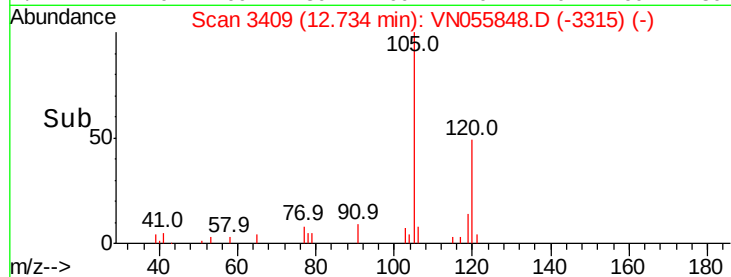
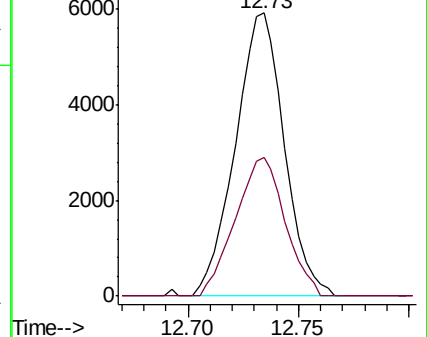
105 100

120 49.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 73.385 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

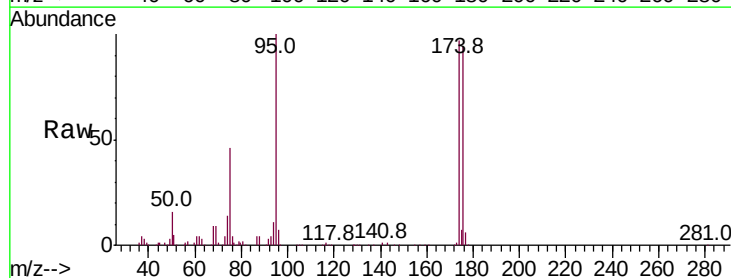
Tgt Ion: 75 Resp: 106433

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

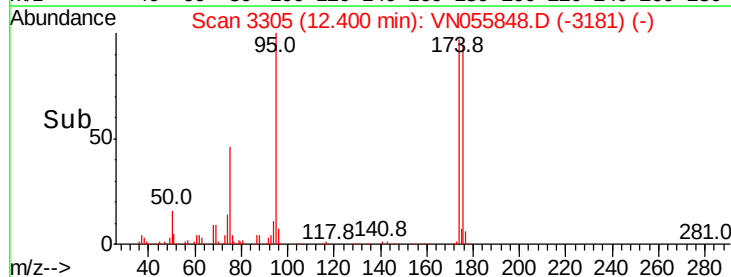
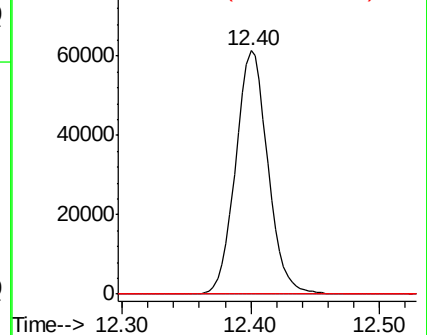
89 0.0 36.9 55.3#

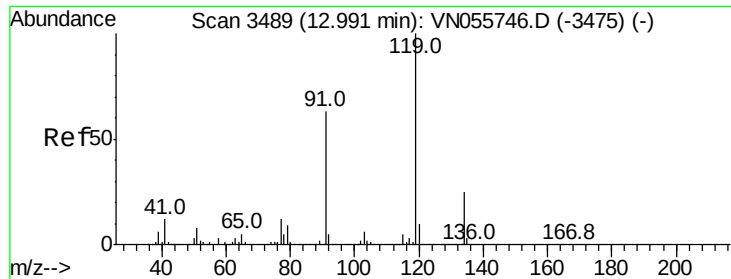


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

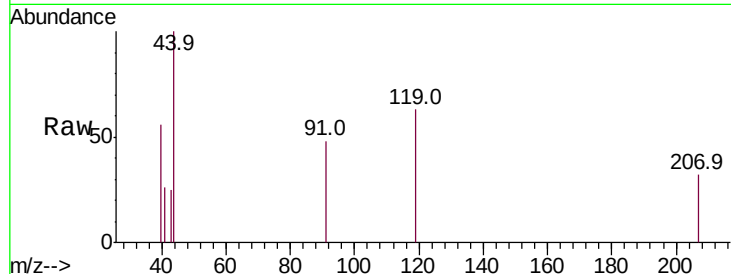




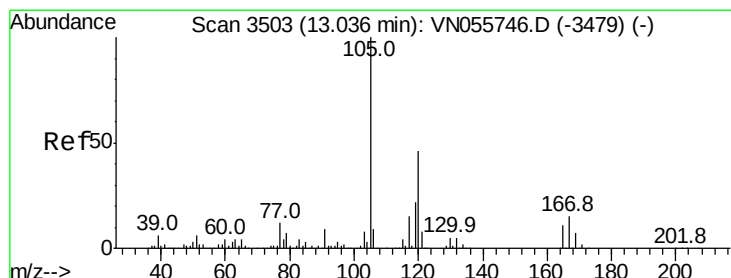
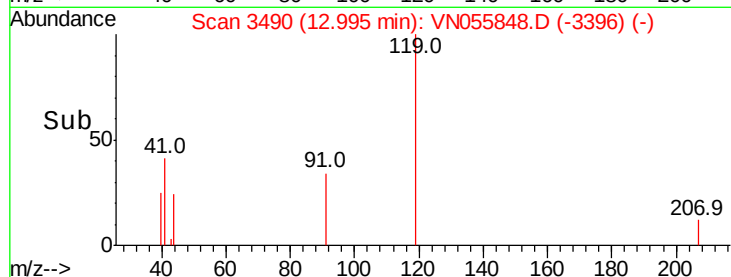
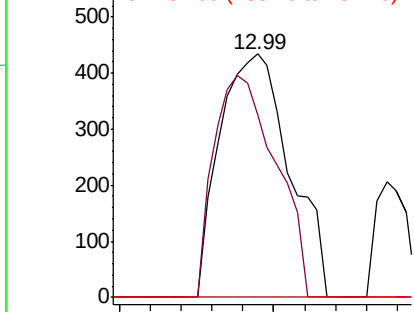
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055848.D
 Acq: 28 May 2019 13:16

Instrument :
 MSVOA_N
 ClientSampled :
 PB120073TB

Tot Ion:119 Resp: 684
 Ion Ratio Lower Upper
 119 100
 91 80.6 30.9 92.8
 134 0.0 13.3 39.8#

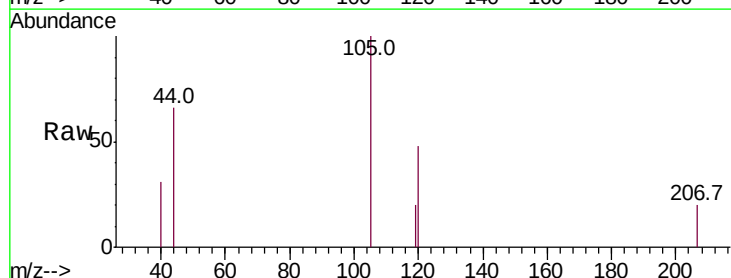


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

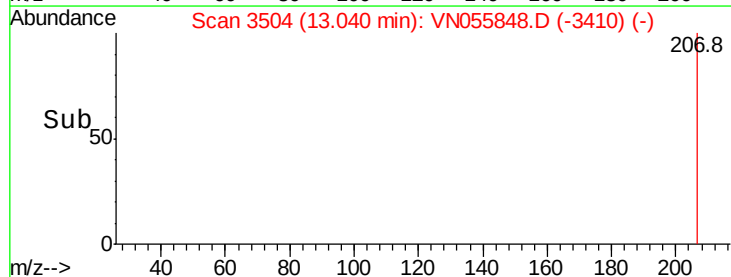
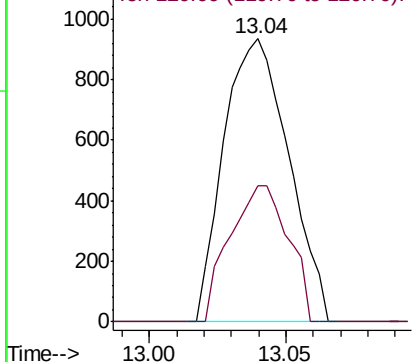


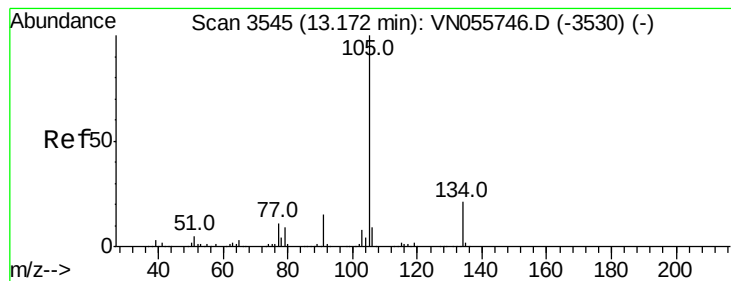
#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055848.D
 Acq: 28 May 2019 13:16

Tgt Ion:105 Resp: 1545
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

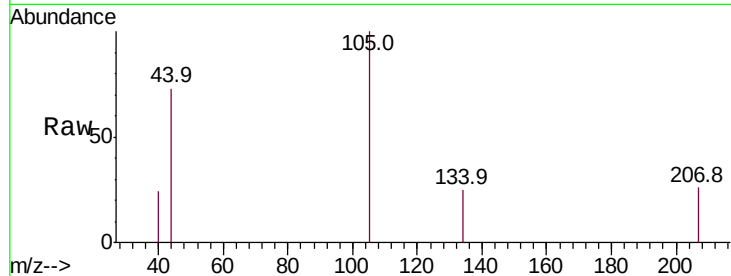
PB120073TB

Tot Ion:105 Resp: 1396

Ion Ratio Lower Upper

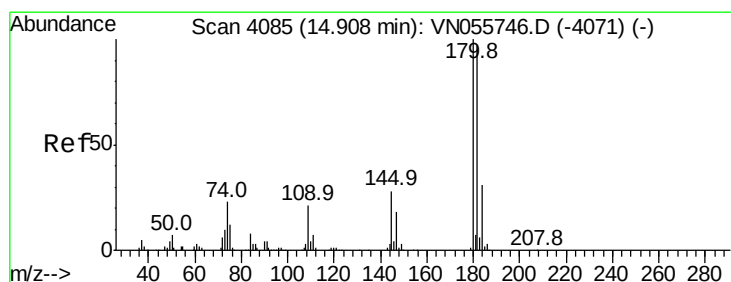
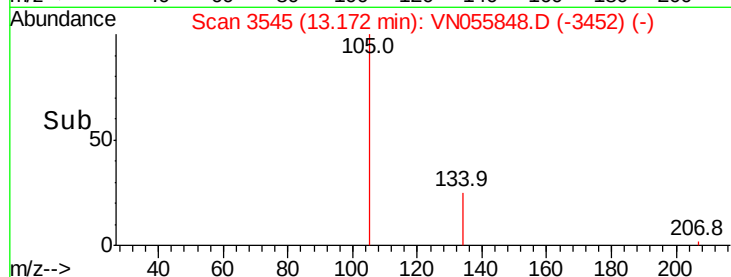
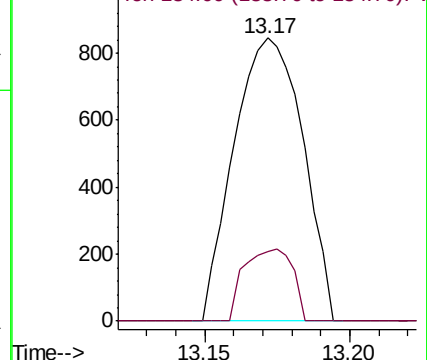
105 100

134 18.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.986 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

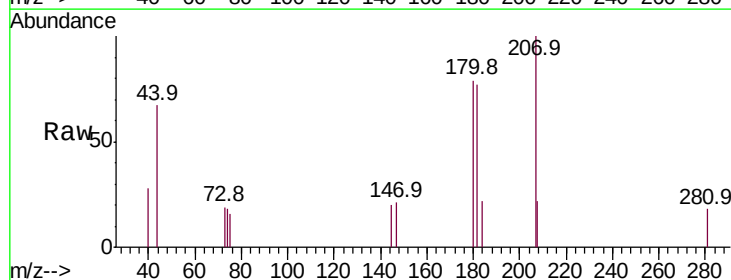
Tgt Ion:180 Resp: 1425

Ion Ratio Lower Upper

180 100

182 99.7 48.3 144.9

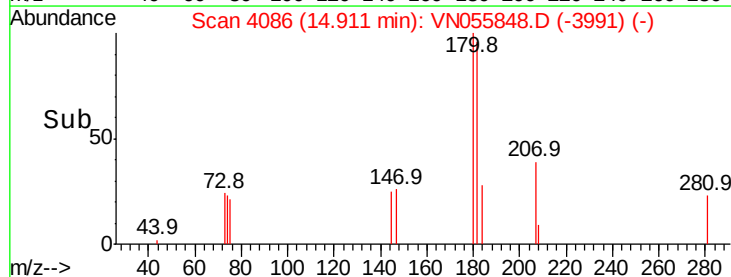
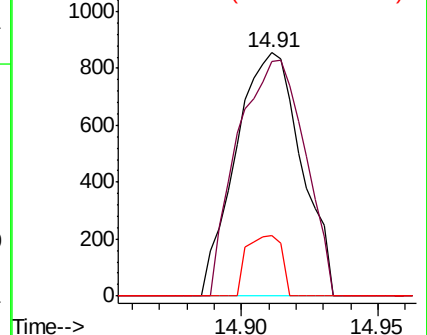
145 13.1 14.0 41.9#

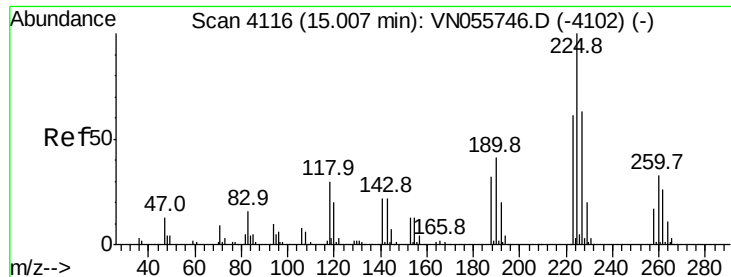


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampled :

PB120073TB

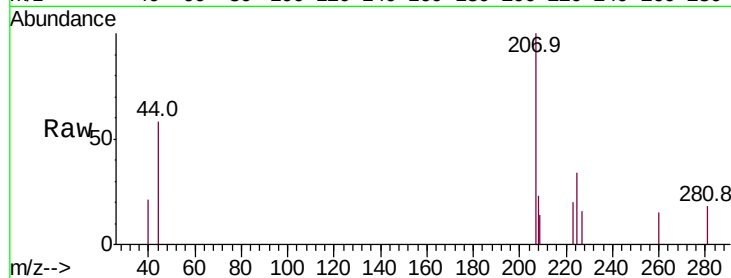
Tot Ion:225 Resp: 593

Ion Ratio Lower Upper

225 100

223 59.5 30.9 92.7

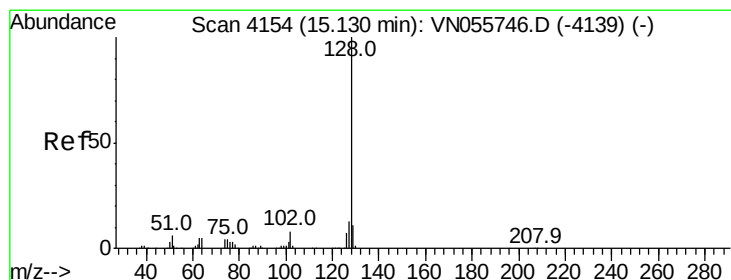
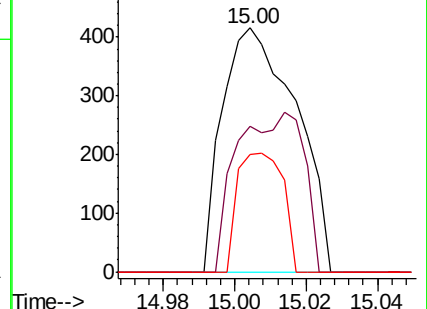
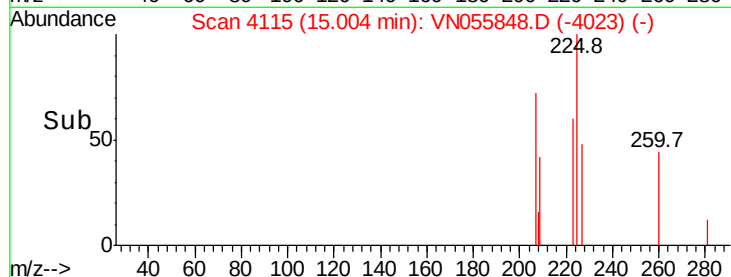
227 30.2 31.6 94.7#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.628 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

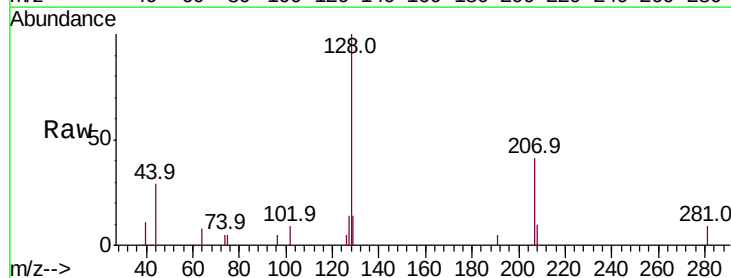
Tgt Ion:128 Resp: 5667

Ion Ratio Lower Upper

128 100

127 10.5 10.3 15.5

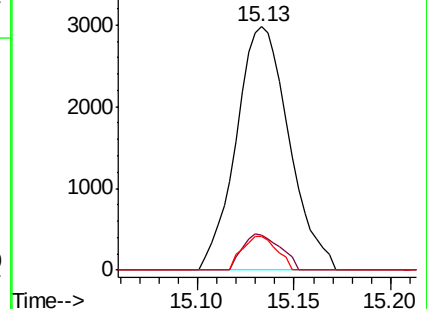
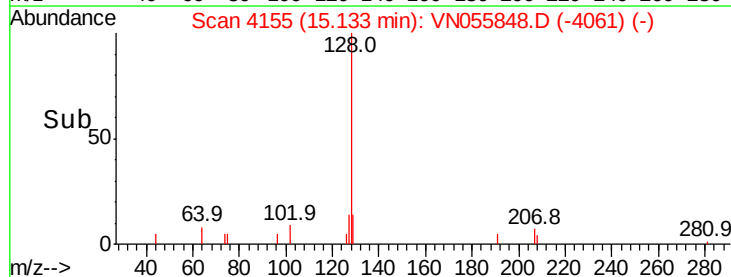
129 9.0 8.7 13.1

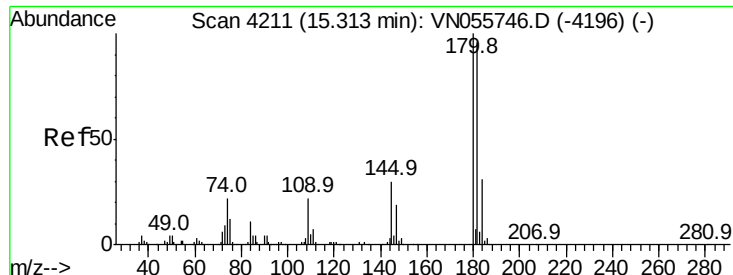


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.569 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055848.D

Acq: 28 May 2019 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB120073TB

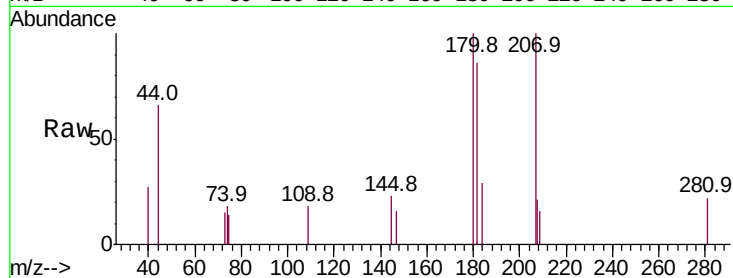
Tot Ion:180 Resp: 1980

Ion Ratio Lower Upper

180 100

182 99.1 47.9 143.7

145 25.7 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

