

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056859.D
 Acq On : 22 Jul 2019 17:21
 Operator : JC/SP
 Sample : PB121556TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556TB

Quant Time: Jul 23 02:11:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	251630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	452124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154245	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	144634	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	7.59	113	137125	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	10.09	98	579141	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	201457	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	150	Below Cal	#	42
5) Bromomethane	2.58	94	1240	0.632	ug/l	87
10) Methyl Iodide	3.94	142	491	0.269	ug/l #	51
16) Acetone	3.82	43	10137	10.488	ug/l	92
17) Carbon Disulfide	4.03	76	2245	0.337	ug/l #	75
18) Methyl Acetate	4.33	43	4638	Below Cal		94
20) Methylene Chloride	4.54	84	1342	0.464	ug/l	86
25) 2-Butanone	6.86	43	1734	1.221	ug/l #	48
29) Tetrahydrofuran	7.22	42	196	0.201	ug/l #	34
31) Cyclohexane	7.66	56	4304	0.943	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	15838	3.799	ug/l #	50
38) Carbon Tetrachloride	7.67	117	22208	5.595	ug/l #	16
43) Isopropyl Acetate	8.17	43	18067	3.126	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1620	0.464	ug/l #	43
48) Methyl methacrylate	9.18	41	7587	2.624	ug/l #	13
49) 1,4-Dioxane	9.27	88	61	1.075	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7369	2.138	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	49494	10.100	ug/l #	64
56) Ethyl methacrylate	10.54	69	943	0.220	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	10424	2.036	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.70	63	31	5.715	ug/l #	48
59) 2-Hexanone	10.76	43	139010	58.262	ug/l #	51
70) Styrene	11.96	104	609	0.573	ug/l #	84
71) Bromoform	12.40	173	1552	0.588	ug/l #	1
73) Isopropylbenzene	12.25	105	858	Below Cal	#	48
74) N-amyl acetate	12.08	43	1136	0.251	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	92199	28.843	ug/l #	100
79) 2-Chlorotoluene	12.67	91	715	Below Cal		90
80) 1,3,5-Trimethylbenzene	12.73	105	9443	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	92199	92.378	ug/l #	13
83) tert-Butylbenzene	12.99	119	642	Below Cal	#	57
93) 1,2,4-Trichlorobenzene	14.91	180	1321	4.546	ug/l	94
94) Hexachlorobutadiene	15.01	225	170	Below Cal	#	52
95) Naphthalene	15.13	128	4081	4.130	ug/l #	88

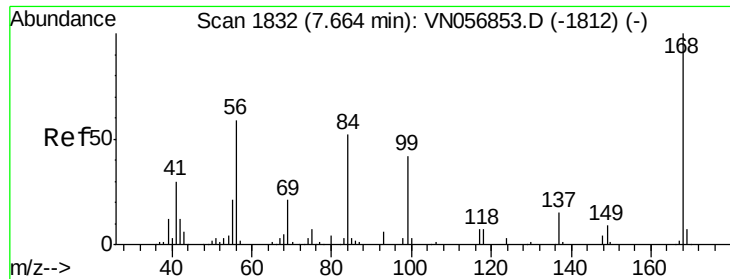
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
Data File : VN056859.D
Acq On : 22 Jul 2019 17:21
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Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	1685	3.009	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampleId :

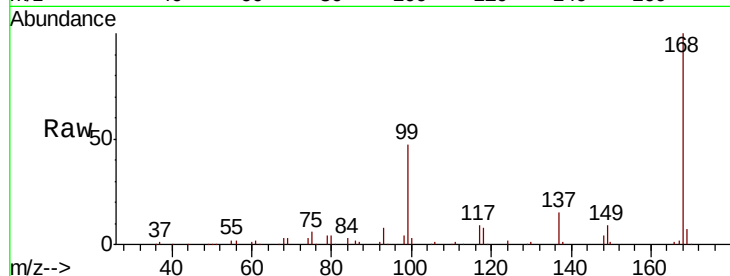
PB121556TB

Tot Ion:168 Resp: 251630

Ion Ratio Lower Upper

168 100

99 47.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

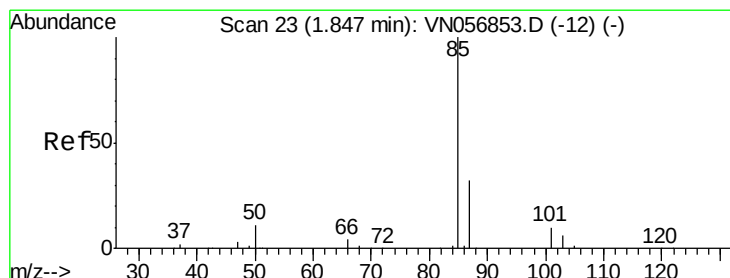
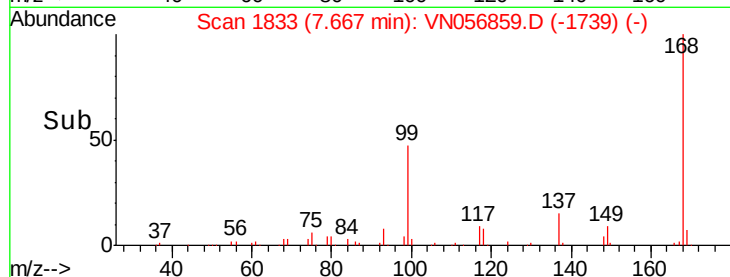
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.85 min Scan# 25

Delta R.T. 0.01 min

Lab File: VN056859.D

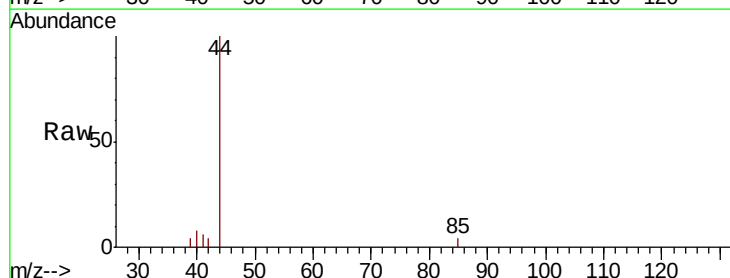
Acq: 22 Jul 2019 17:21

Tgt Ion: 85 Resp: 150

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

250

200

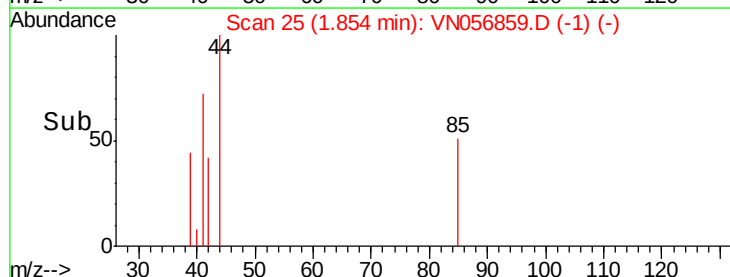
150

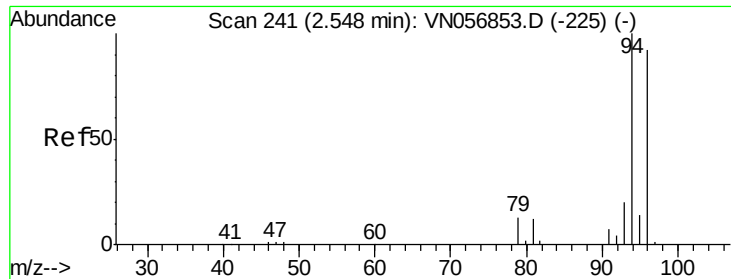
100

50

0

Time-->

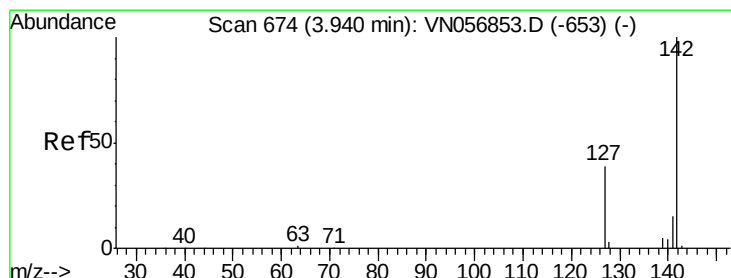
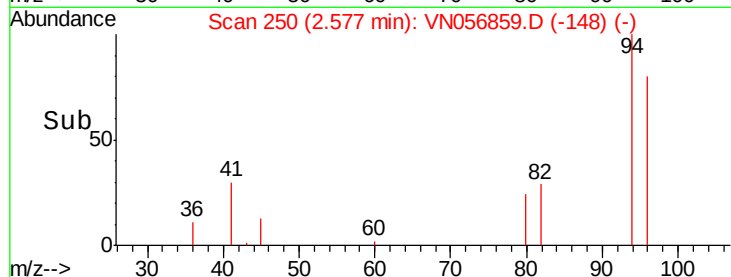
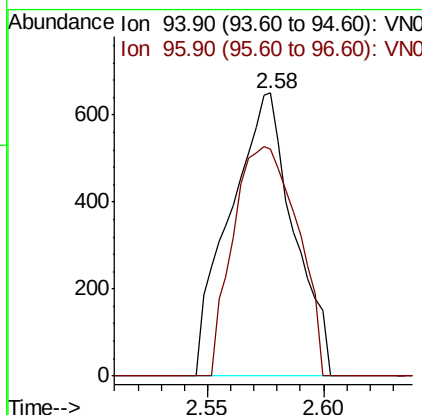
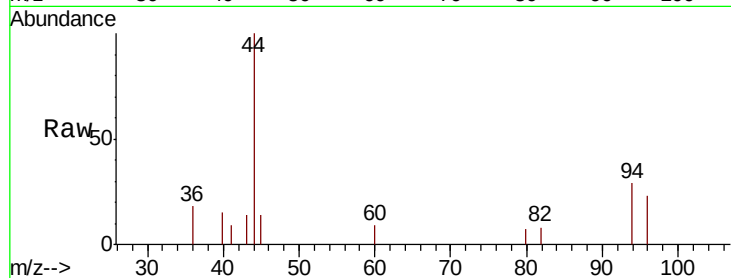




#5
Bromomethane
Concen: 0.632 ug/l
RT: 2.58 min Scan# 250
Delta R.T. 0.03 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

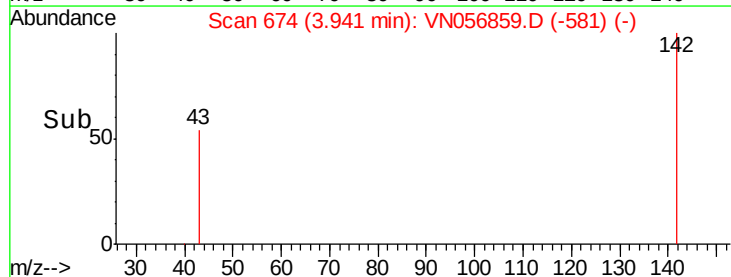
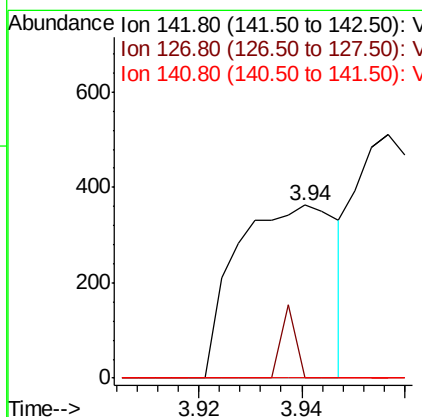
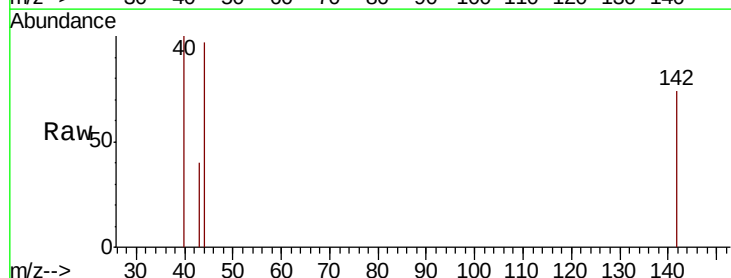
Instrument :
MSVOA_N
ClientSampleId :
PB121556TB

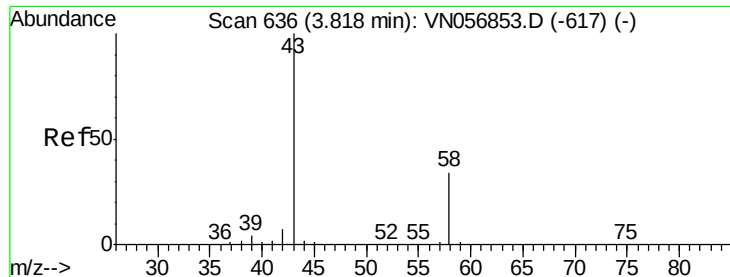
Tot Ion: 94 Resp: 1240
Ion Ratio Lower Upper
94 100
96 80.0 73.6 110.4



#10
Methyl Iodide
Concen: 0.269 ug/l
RT: 3.94 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Tgt Ion: 142 Resp: 491
Ion Ratio Lower Upper
142 100
127 6.1 31.2 46.8#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 10.488 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampleId :

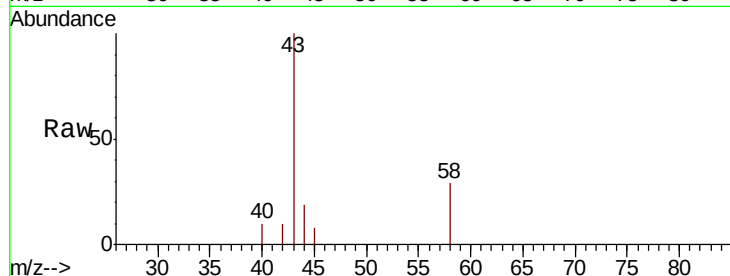
PB121556TB

Tot Ion: 43 Resp: 10137

Ion Ratio Lower Upper

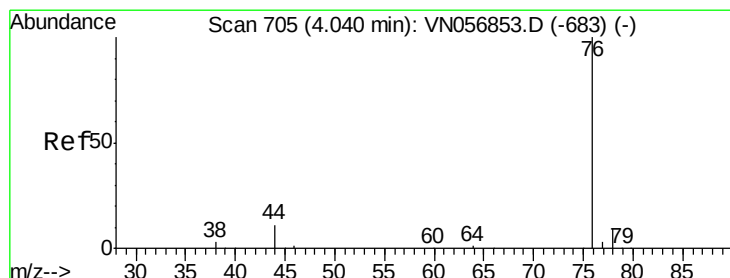
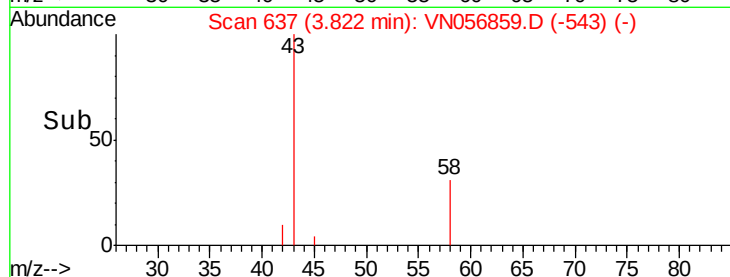
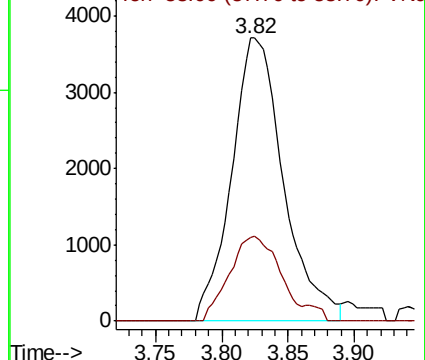
43 100

58 29.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.337 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.01 min

Lab File: VN056859.D

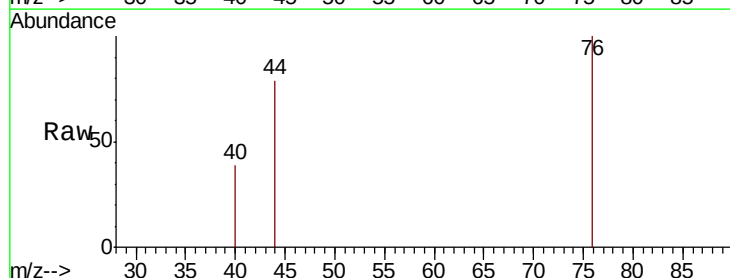
Acq: 22 Jul 2019 17:21

Tgt Ion: 76 Resp: 2245

Ion Ratio Lower Upper

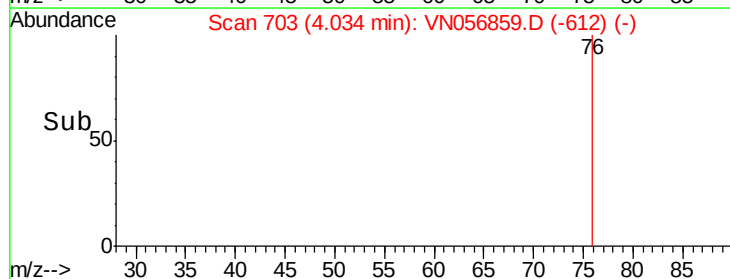
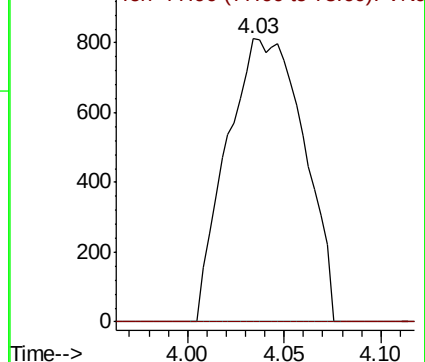
76 100

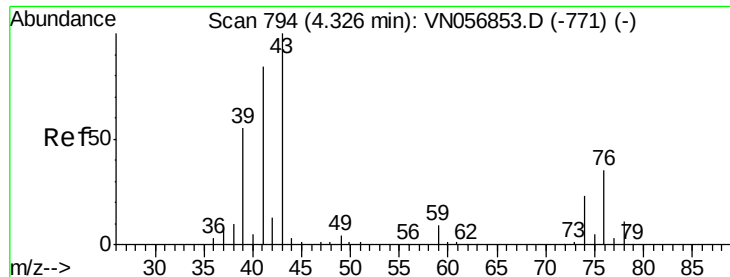
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

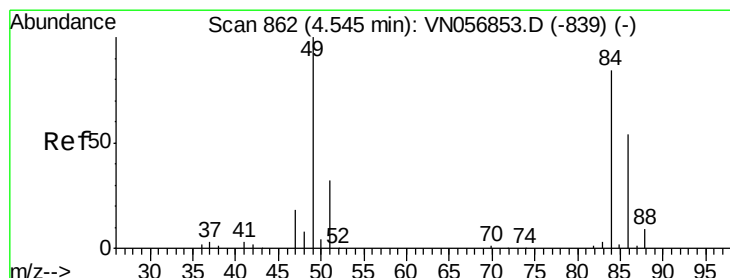
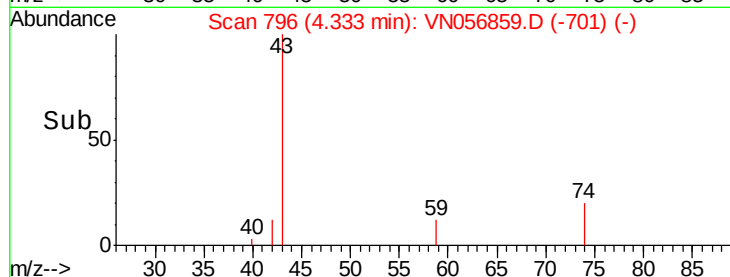
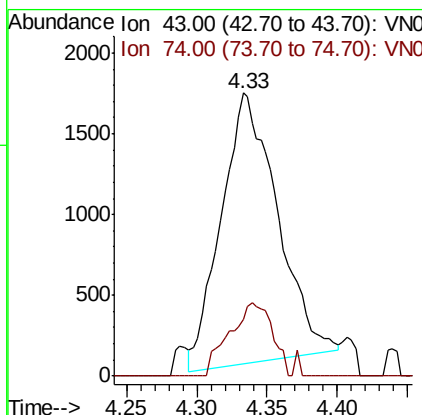
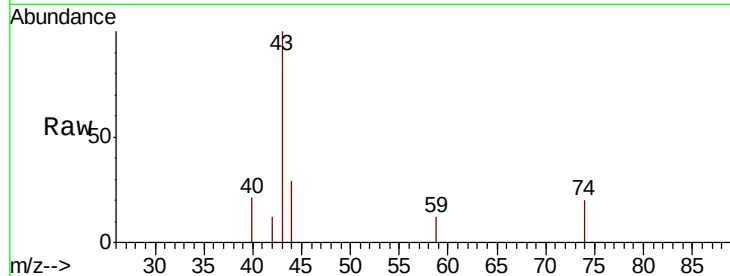




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

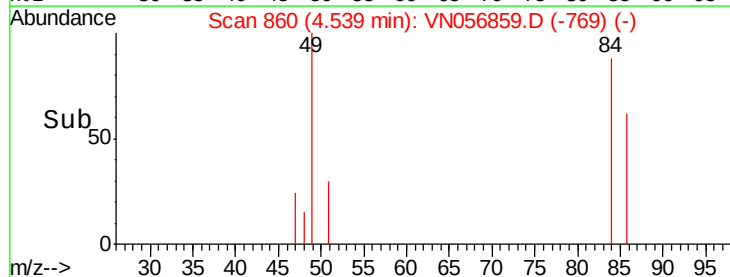
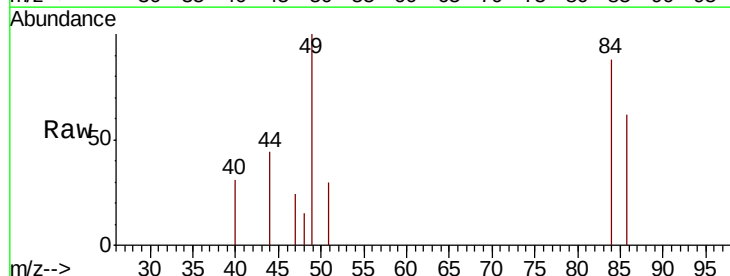
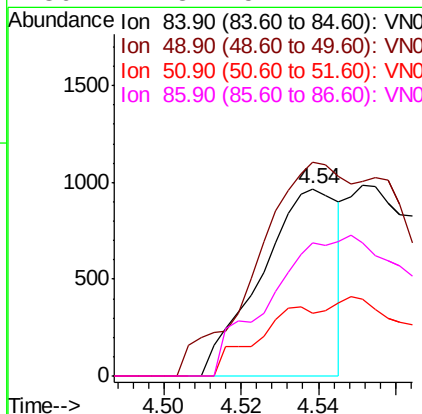
Instrument :
MSVOA_N
ClientSampleId :
PB121556TB

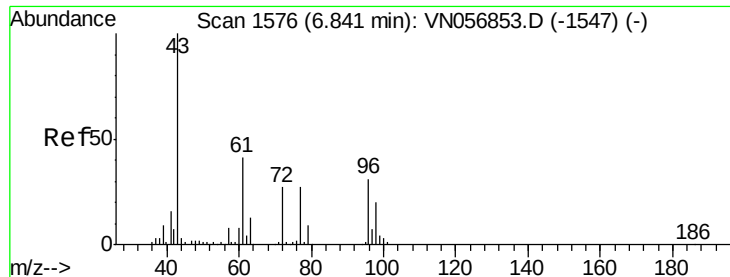
Tot Ion: 43 Resp: 4638
Ion Ratio Lower Upper
43 100
74 20.8 19.0 28.4



#20
Methylene Chloride
Concen: 0.464 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Tgt Ion: 84 Resp: 1342
Ion Ratio Lower Upper
84 100
49 97.7 94.9 142.3
51 33.9 29.9 44.9
86 71.3 51.4 77.2





#25

2-Butanone

Concen: 1.221 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampleId :

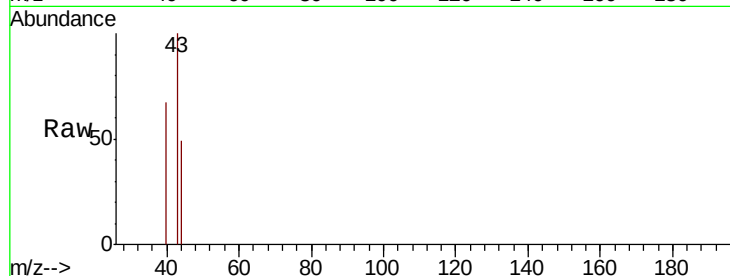
PB121556TB

Tot Ion: 43 Resp: 1734

Ion Ratio Lower Upper

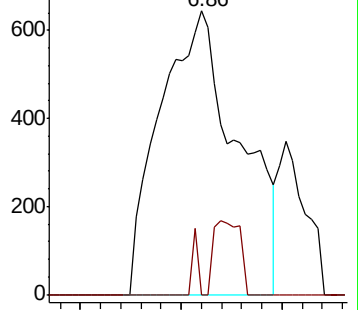
43 100

72 0.0 21.5 32.3#

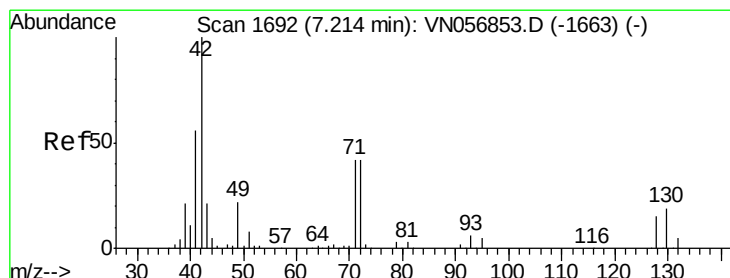
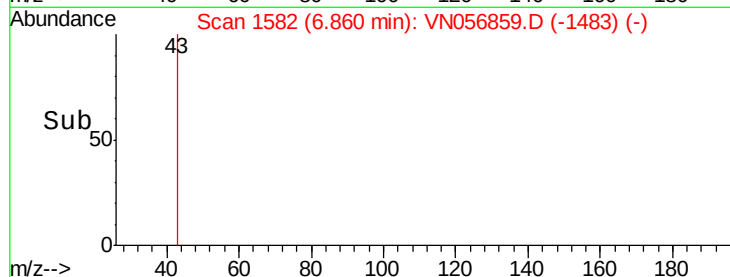


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#29

Tetrahydrofuran

Concen: 0.201 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

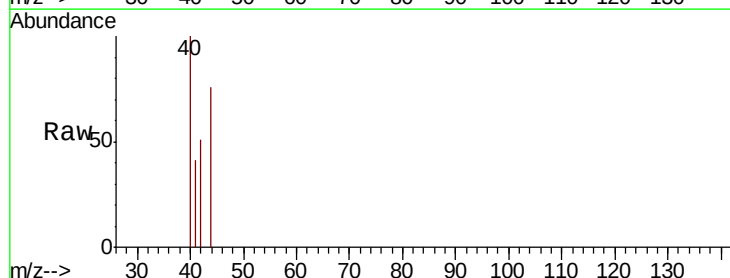
Tgt Ion: 42 Resp: 196

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

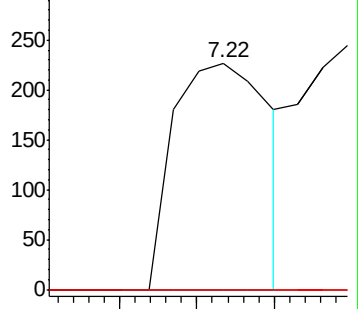
71 0.0 32.7 49.1#



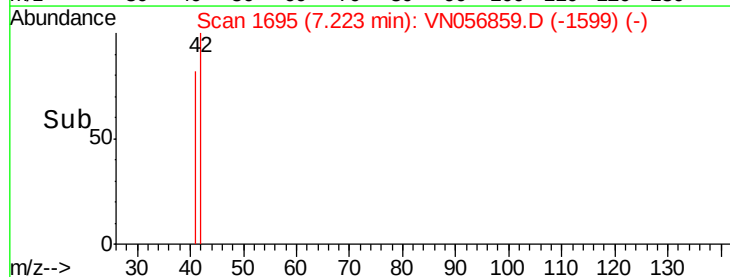
Abundance Ion 42.00 (41.70 to 42.70): VN0

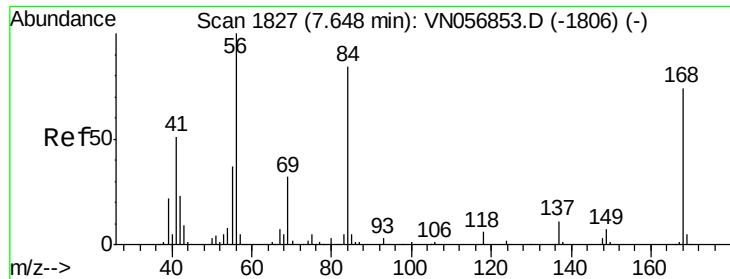
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->

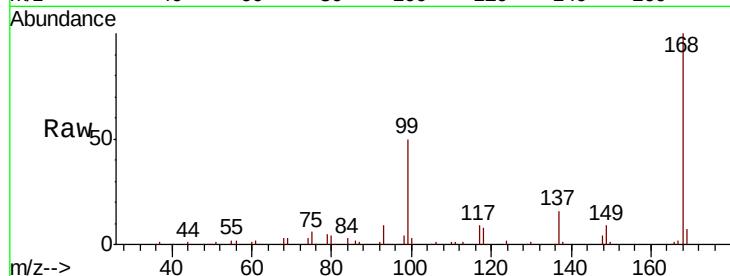




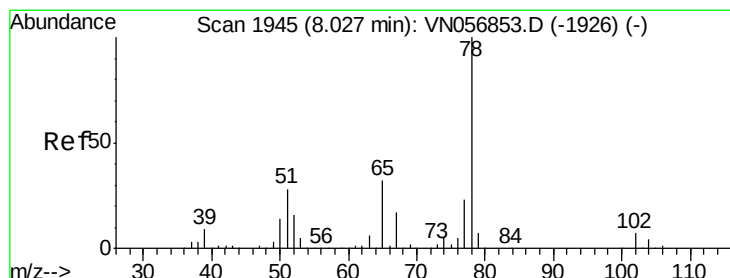
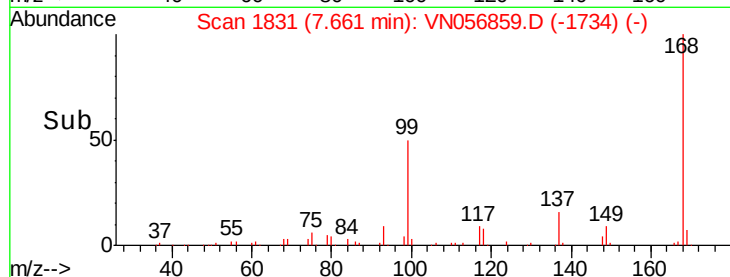
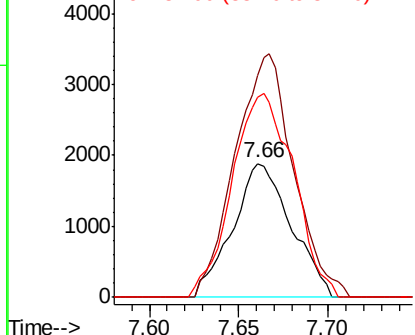
#31
Cyclohexane
Concen: 0.943 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 56 Resp: 4304
Ion Ratio Lower Upper
56 100
69 166.3 25.5 38.3#
84 149.8 67.3 100.9#

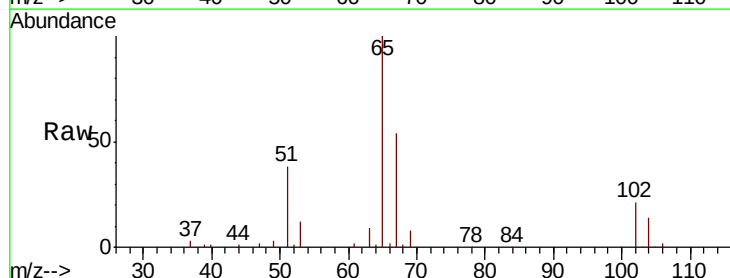


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

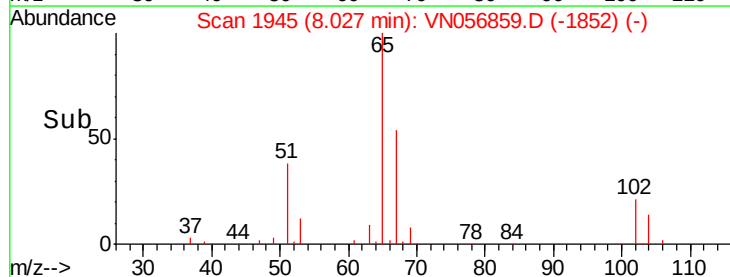
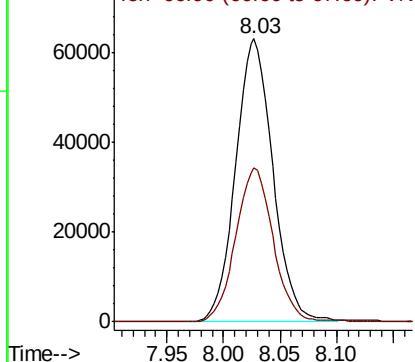


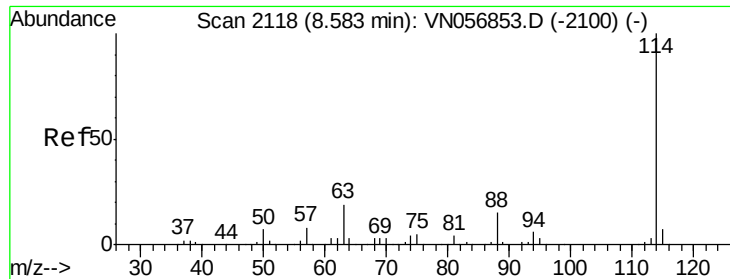
#33
1,2-Dichloroethane-d4
Concen: 53.887 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Tgt Ion: 65 Resp: 144634
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.6



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

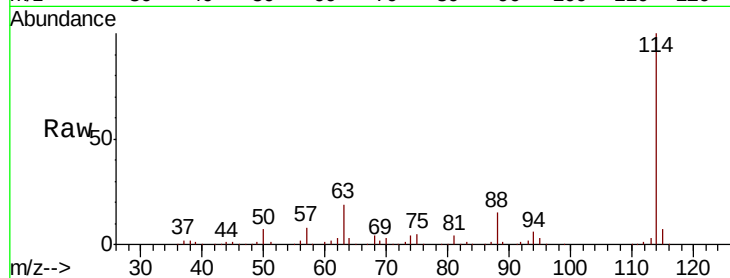




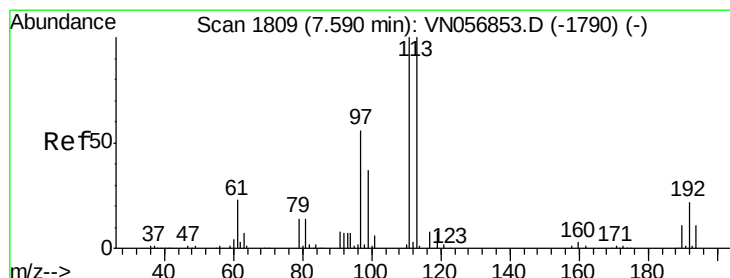
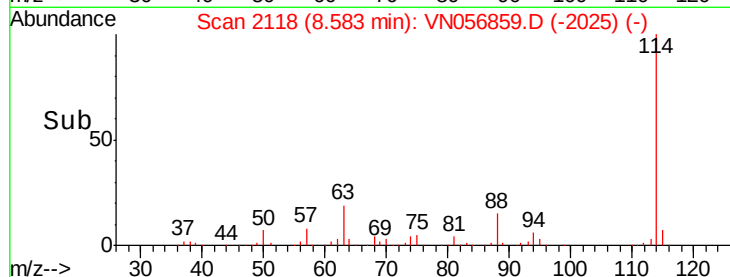
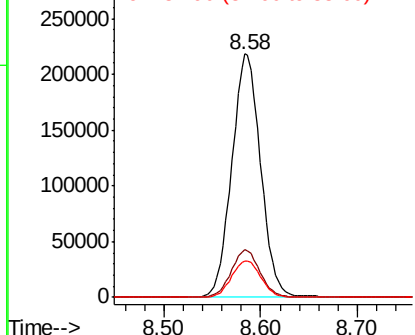
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556TB

Tot Ion:114 Resp: 452124
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.8
 88 15.0 0.0 31.0

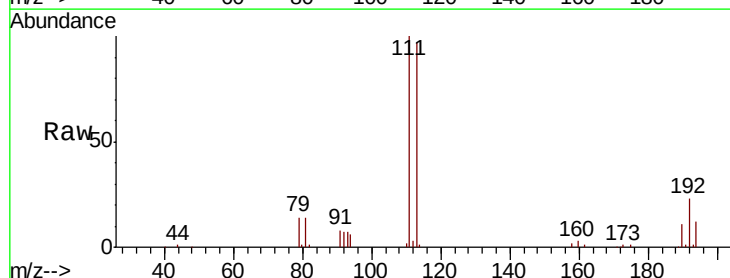


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

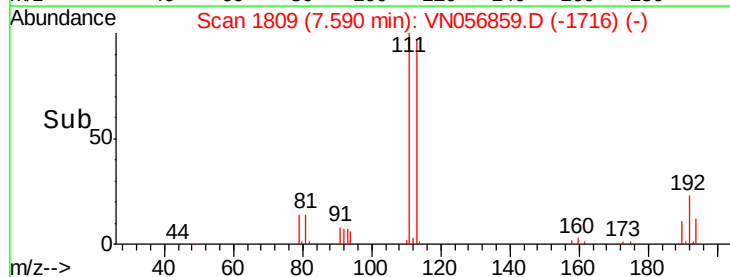
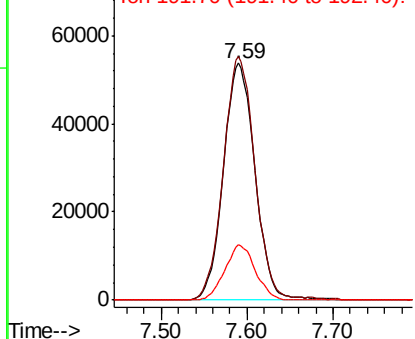


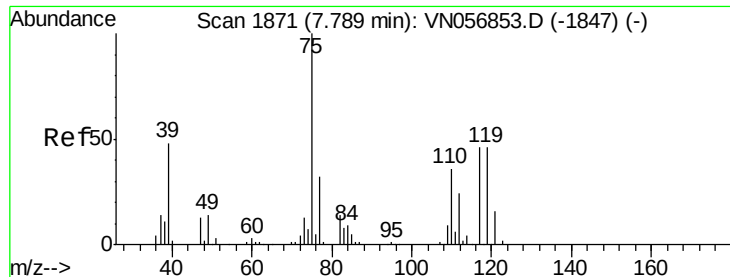
#35
 Dibromofluoromethane
 Concen: 47.850 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

Tgt Ion:113 Resp: 137125
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 22.5 18.5 27.7



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

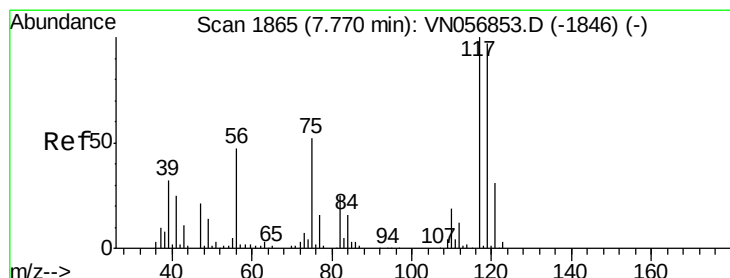
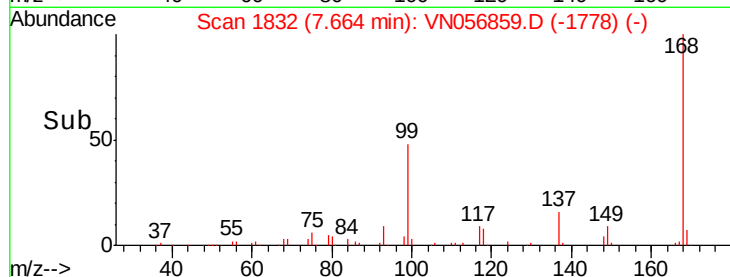
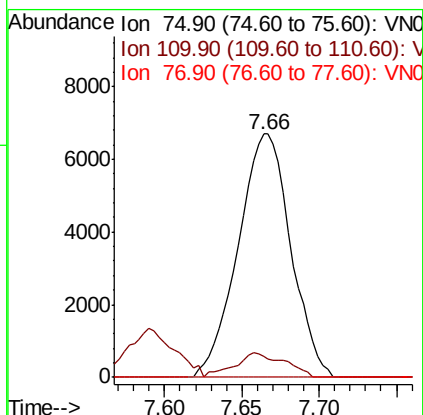
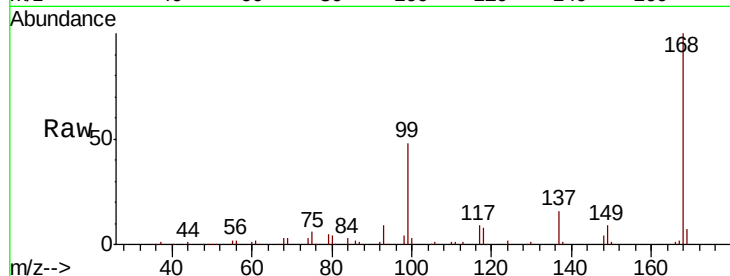




#36
 1,1-Dichloropropene
 Concen: 3.799 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

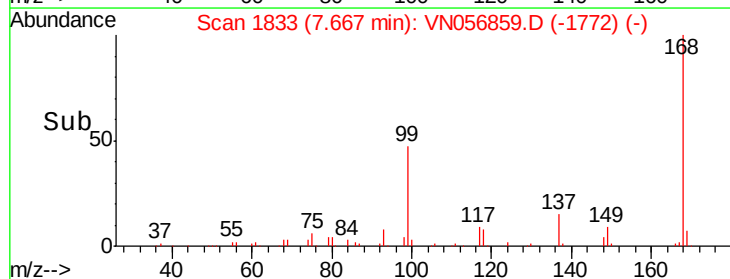
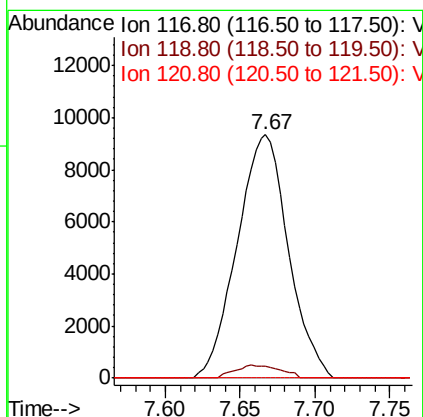
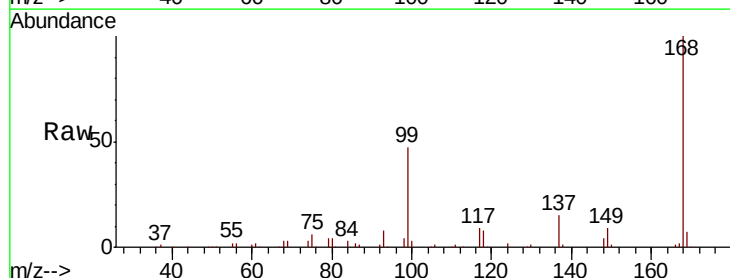
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556TB

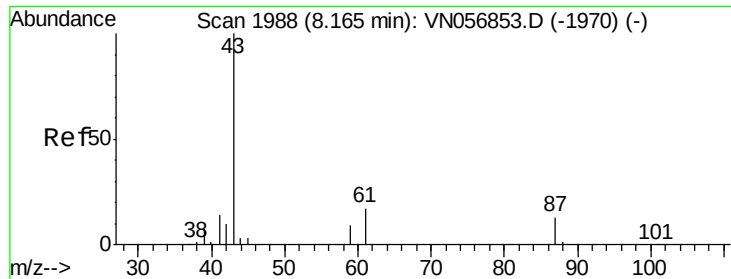
Tot Ion	75	Resp	15838
Ion Ratio	Lower	Upper	
75	100		
110	9.5	17.9	53.7#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.595 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

Tgt Ion	117	Resp	22208
Ion Ratio	Lower	Upper	
117	100		
119	4.8	77.2	115.8#
121	0.0	24.5	36.7#





#43

Isopropyl Acetate

Concen: 3.126 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampled :

PB121556TB

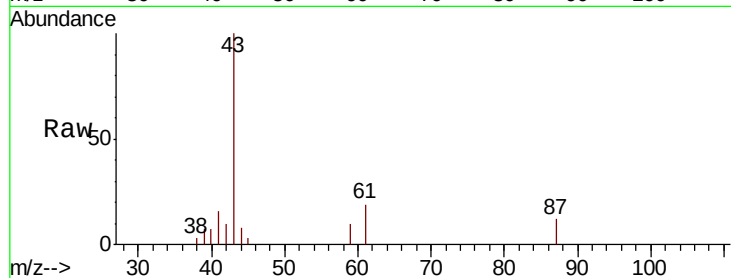
Tot Ion: 43 Resp: 18067

Ion Ratio Lower Upper

43 100

61 19.2 17.8 26.6

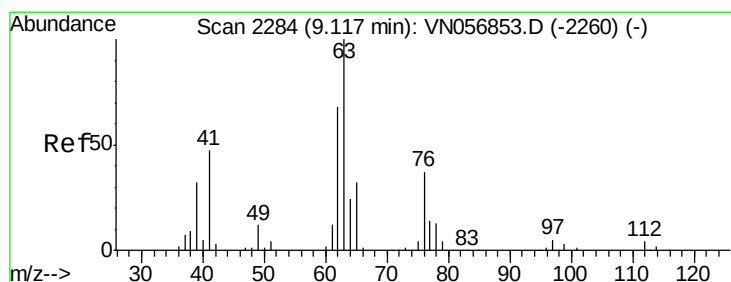
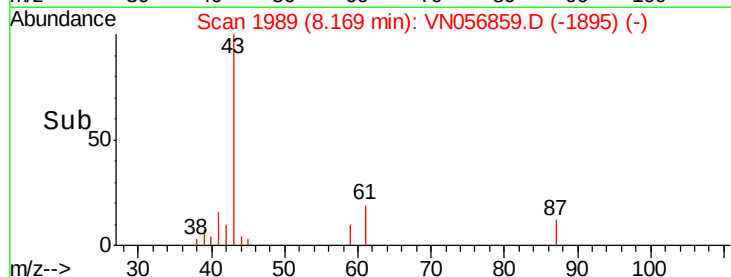
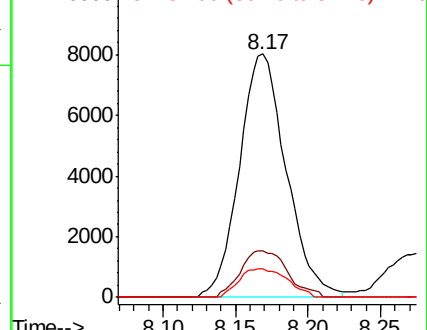
87 12.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.464 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056859.D

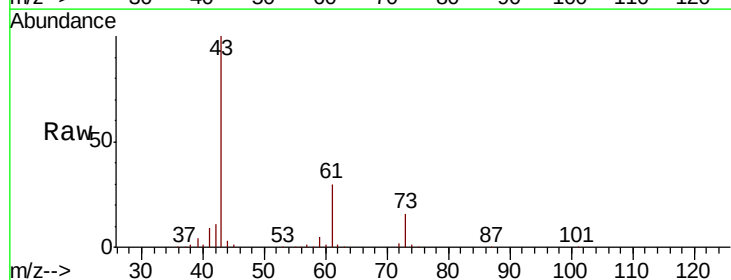
Acq: 22 Jul 2019 17:21

Tgt Ion: 63 Resp: 1620

Ion Ratio Lower Upper

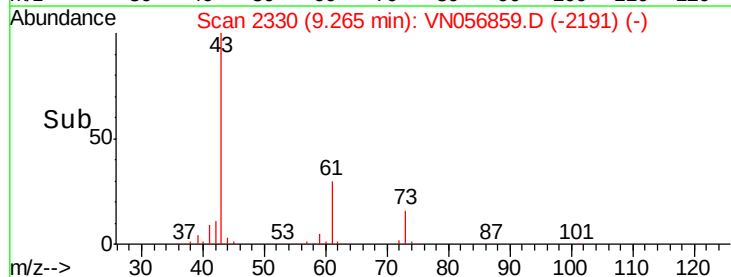
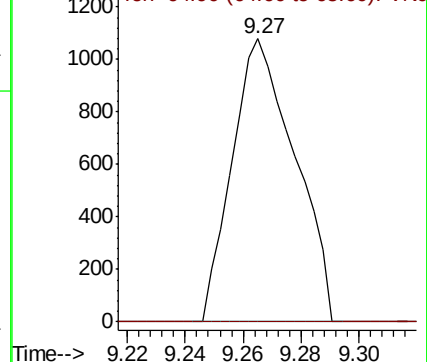
63 100

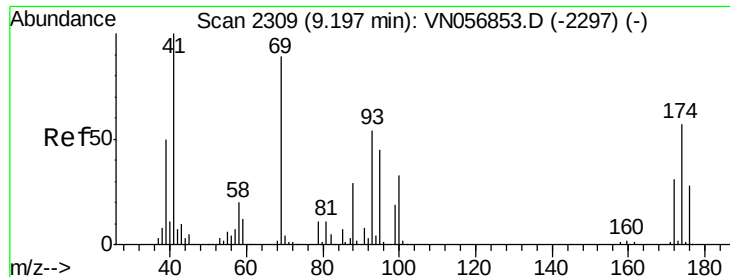
65 0.0 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

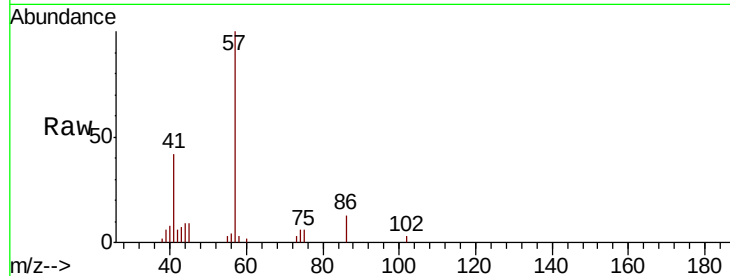




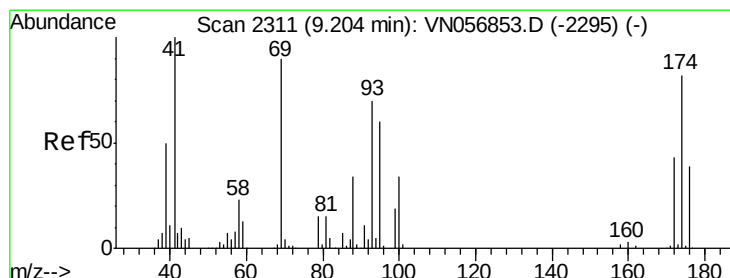
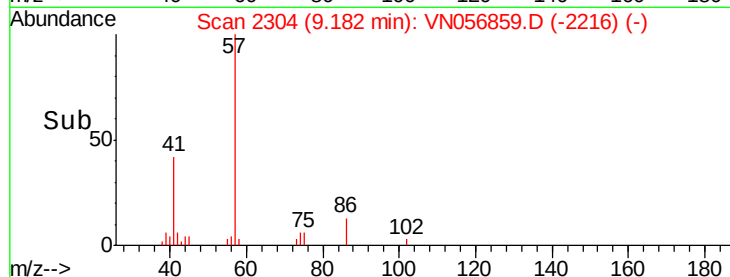
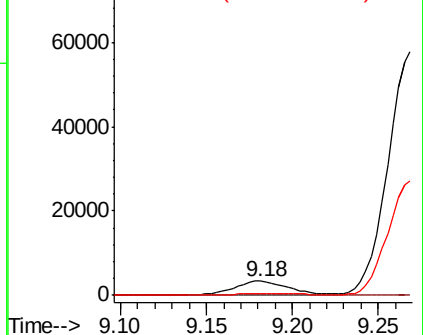
#48
Methvl methacrylate
Concen: 2.624 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB121556TB

Tot Ion: 41 Resp: 7587
Ion Ratio Lower Upper
41 100
69 0.0 71.1 106.7#
39 0.0 40.6 60.8#

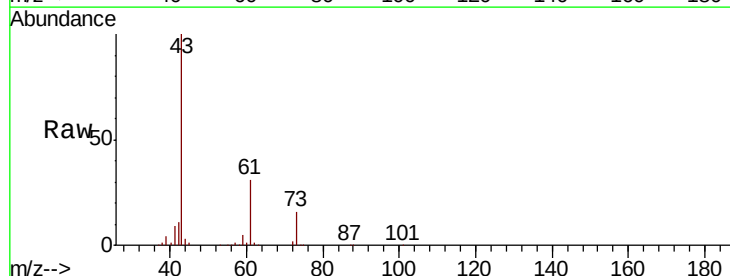


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

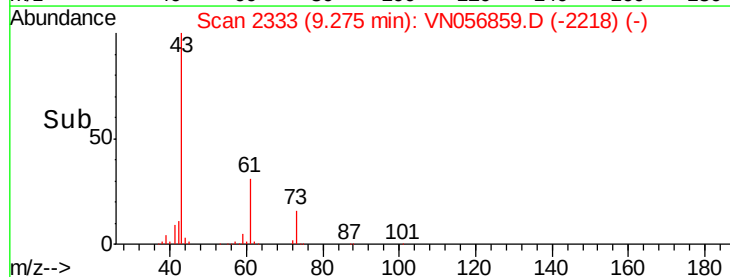
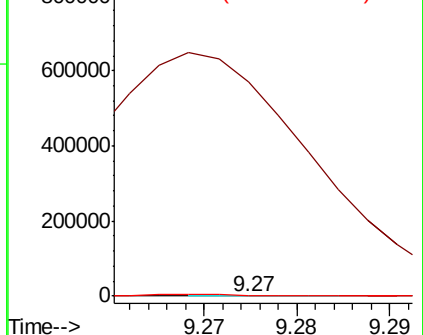


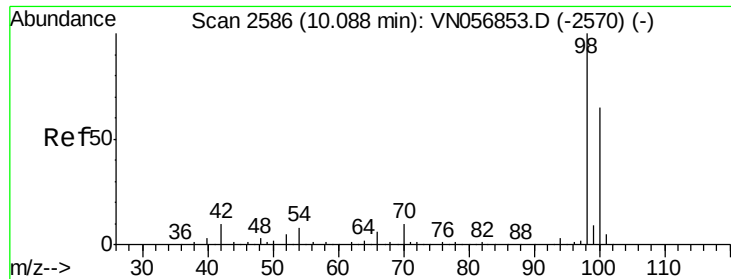
#49
1,4-Dioxane
Concen: 1.075 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 1956021.3 21.4 32.2#
58 9455.7 55.7 83.5#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 52.824 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampleId :

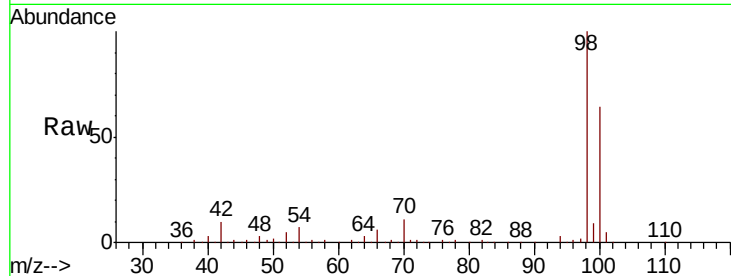
PB121556TB

Tot Ion: 98 Resp: 579141

Ion Ratio Lower Upper

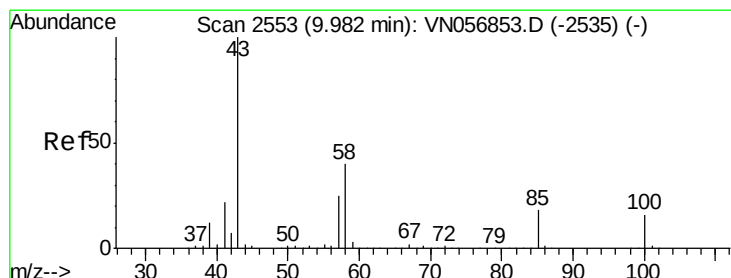
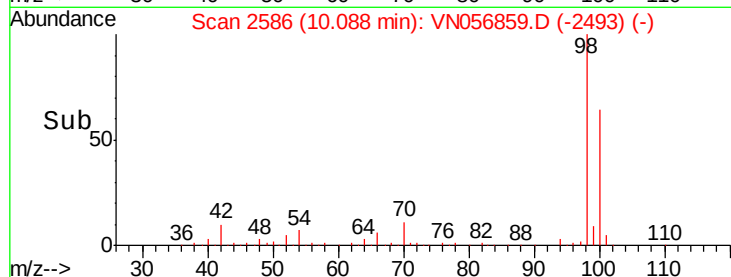
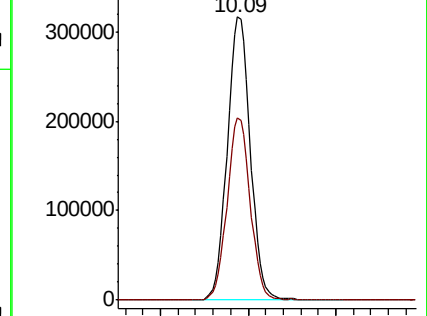
98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 2.138 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN056859.D

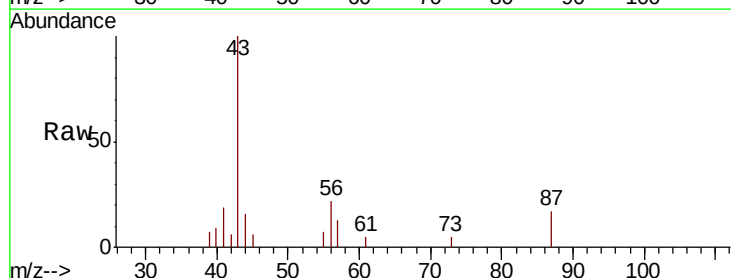
Acq: 22 Jul 2019 17:21

Tgt Ion: 43 Resp: 7369

Ion Ratio Lower Upper

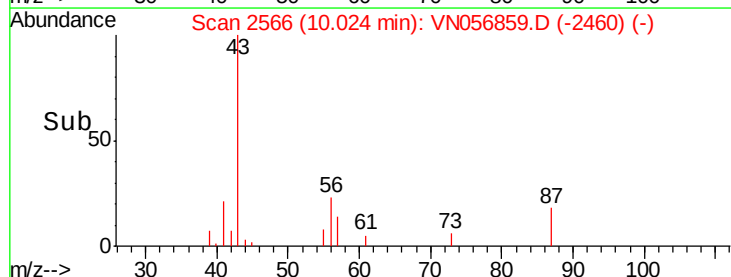
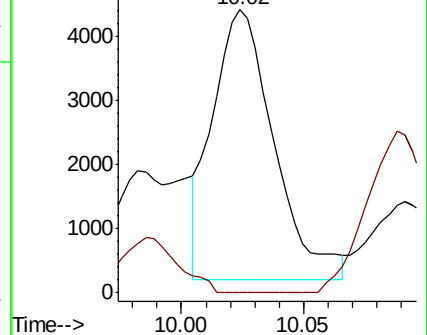
43 100

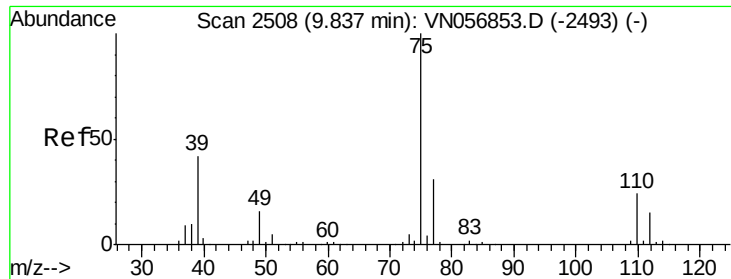
58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 10.100 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampleId :

PB121556TB

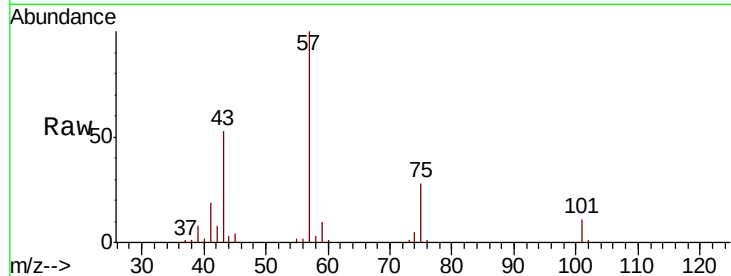
Tot Ion: 75 Resp: 49494

Ion Ratio Lower Upper

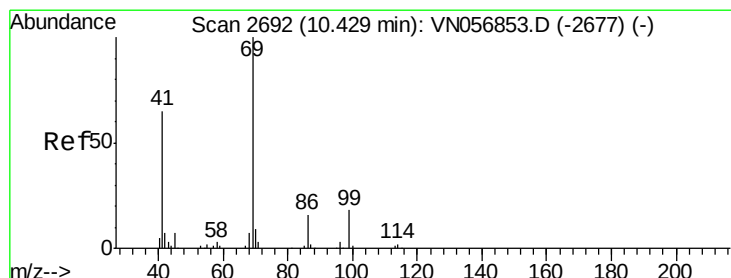
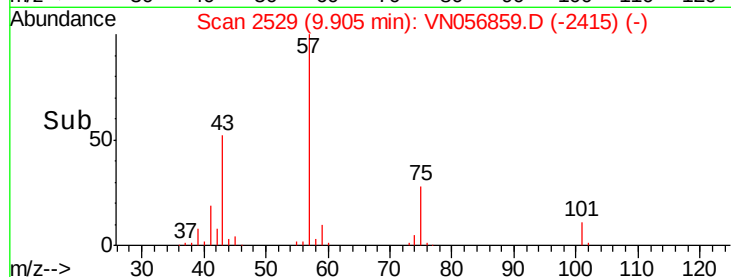
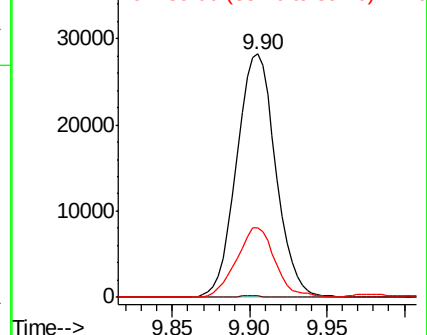
75 100

77 0.6 25.1 37.7#

39 28.8 33.4 50.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 0.220 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

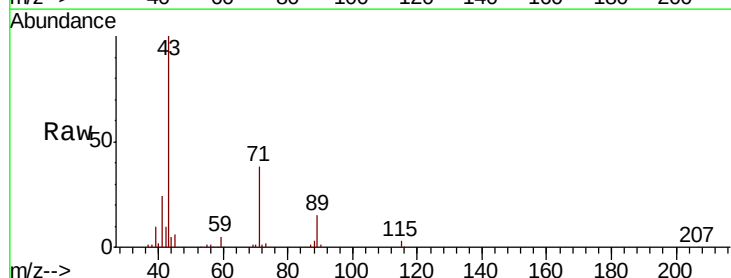
Tgt Ion: 69 Resp: 943

Ion Ratio Lower Upper

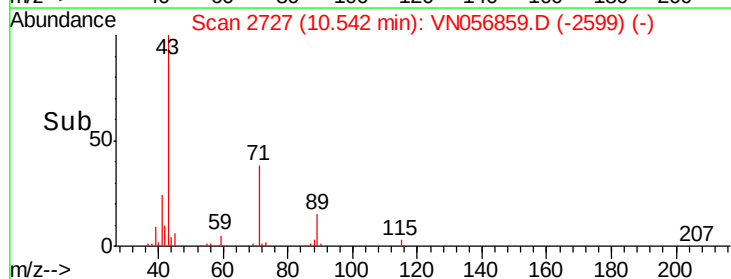
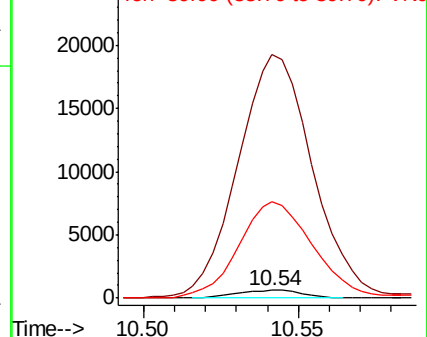
69 100

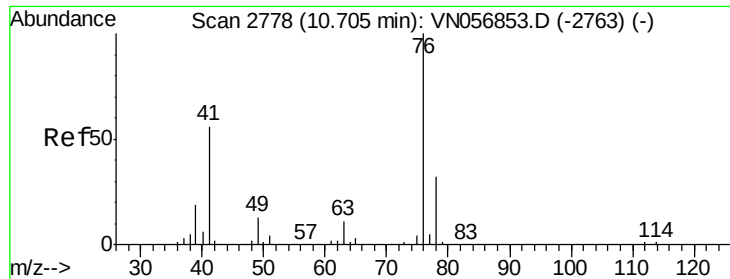
41 3471.5 51.0 76.6#

39 1359.9 24.5 36.7#



Abundance Ion 69.00 (68.70 to 69.70): VNO
Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 2.036 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampleId :

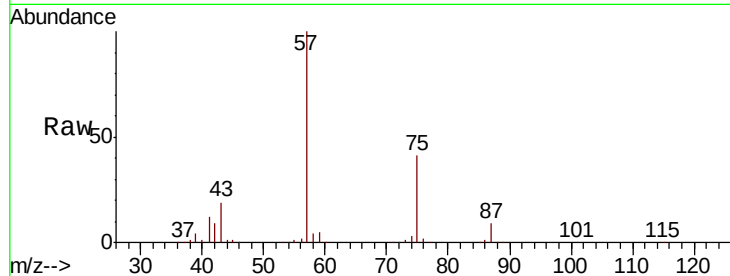
PB121556TB

Tot Ion: 76 Resp: 10424

Ion Ratio Lower Upper

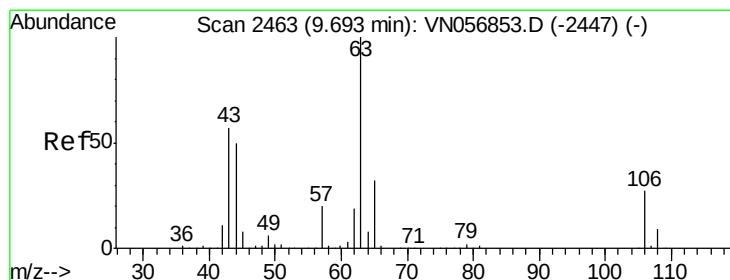
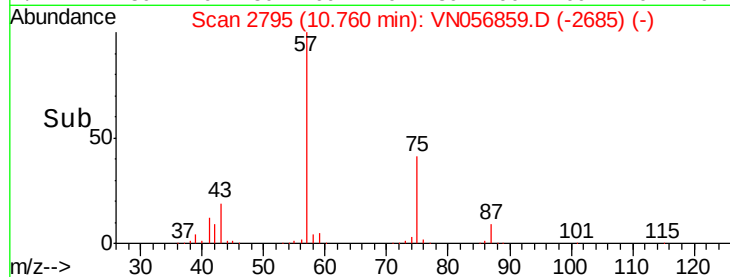
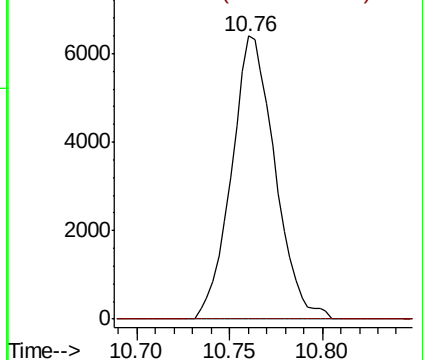
76 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 5.715 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.01 min

Lab File: VN056859.D

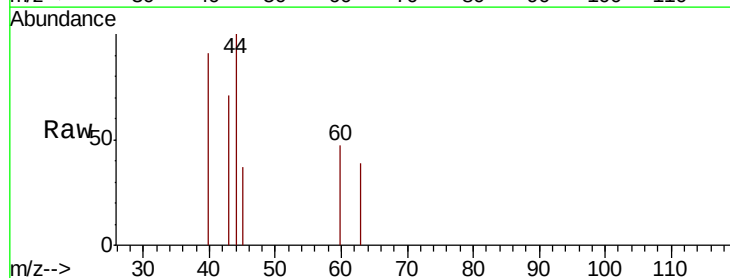
Acq: 22 Jul 2019 17:21

Tgt Ion: 63 Resp: 31

Ion Ratio Lower Upper

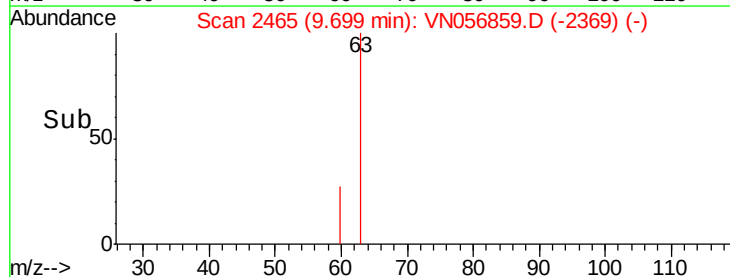
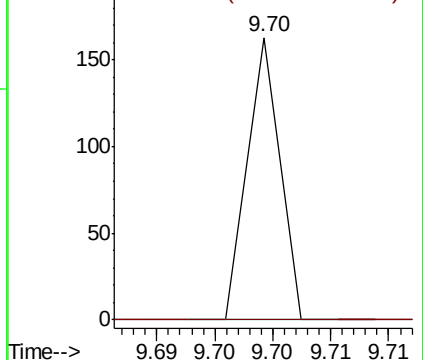
63 100

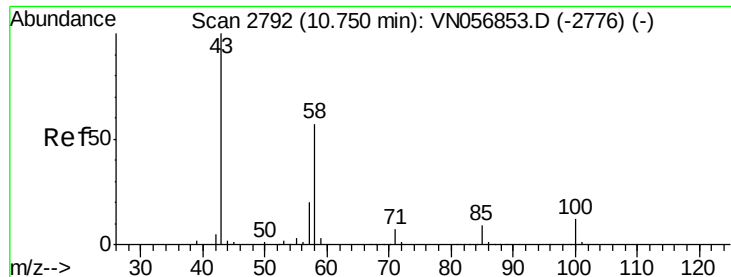
106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

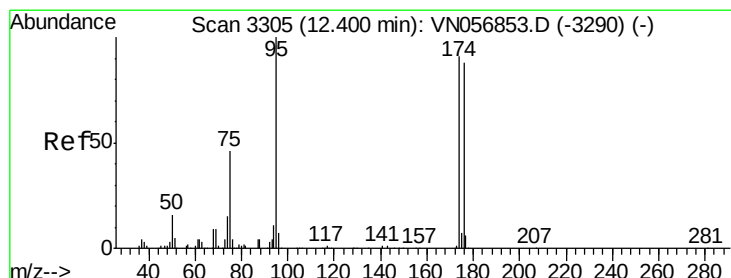
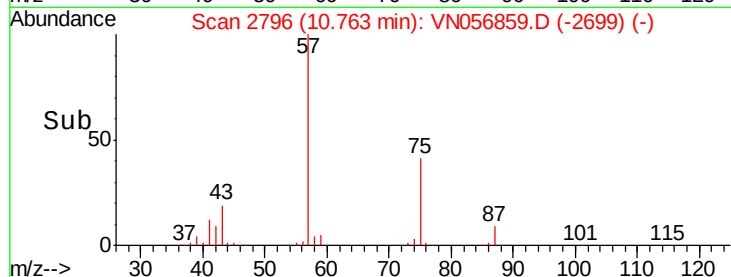
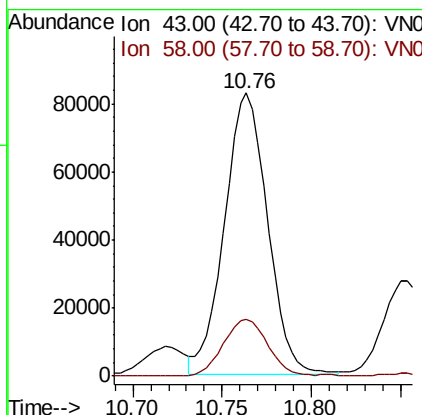
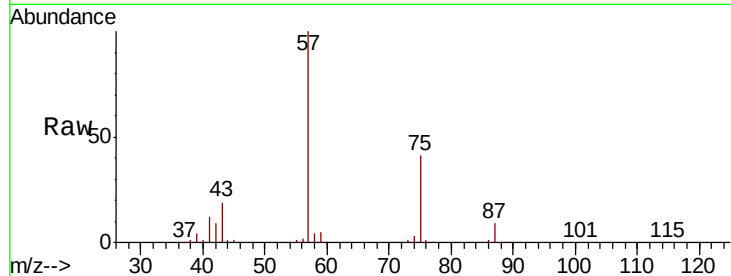




#59
2-Hexanone
Concen: 58.262 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

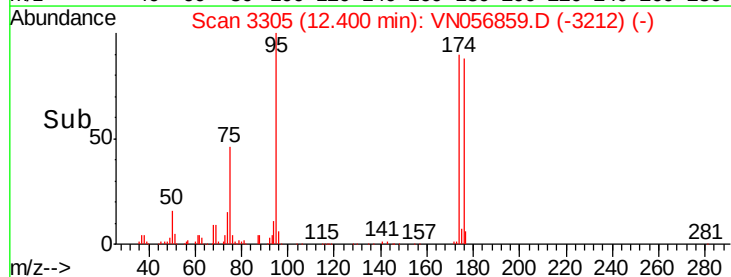
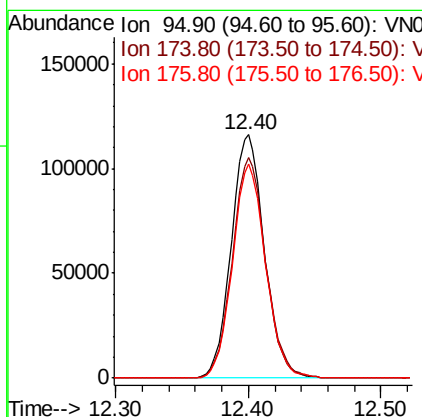
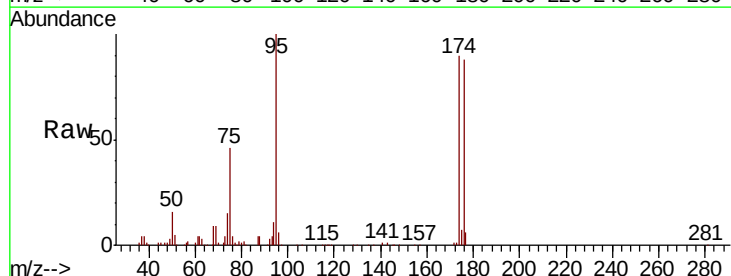
Instrument :
MSVOA_N
ClientSampleId :
PB121556TB

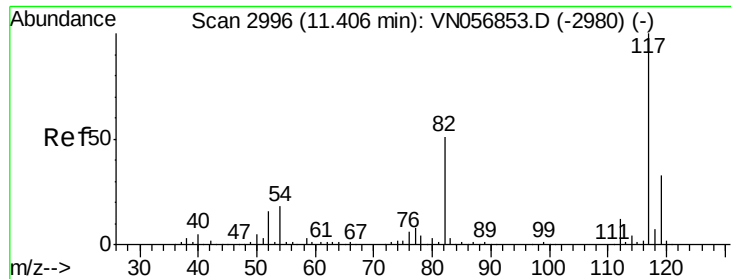
Tot Ion: 43 Resp: 139010
Ion Ratio Lower Upper
43 100
58 20.8 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 56.149 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Tgt Ion: 95 Resp: 201457
Ion Ratio Lower Upper
95 100
174 91.4 0.0 183.4
176 87.7 0.0 175.8

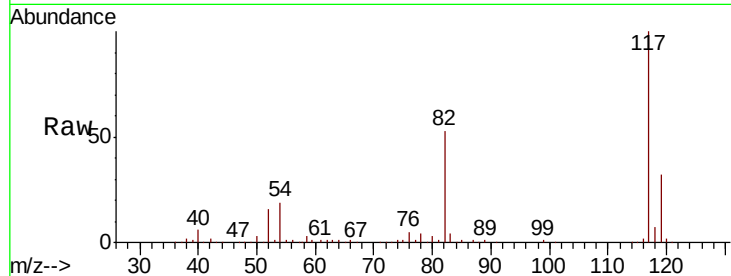




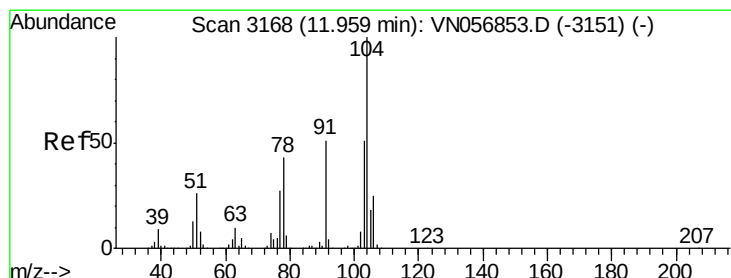
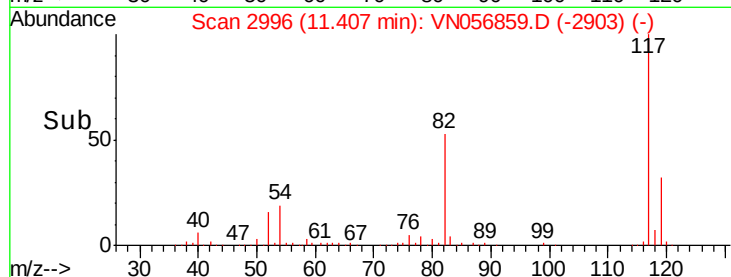
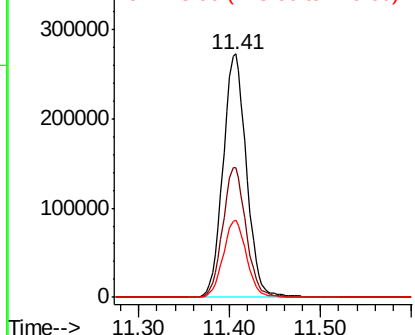
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB121556TB

Tot Ion:117 Resp: 486294
Ion Ratio Lower Upper
117 100
82 53.2 41.2 61.8
119 31.6 26.4 39.6

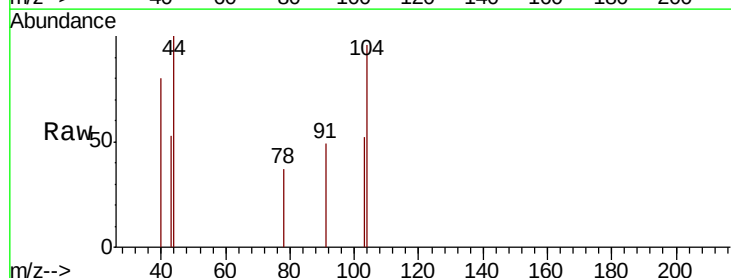


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

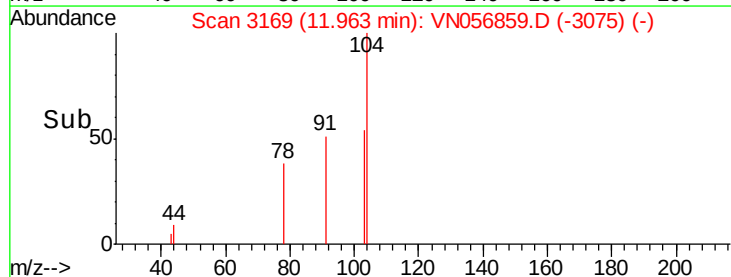
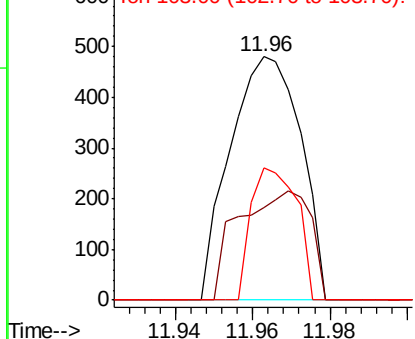


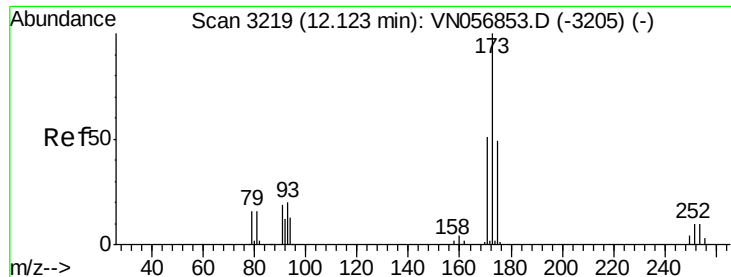
#70
Styrene
Concen: 0.573 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Tgt Ion:104 Resp: 609
Ion Ratio Lower Upper
104 100
78 46.0 38.1 57.1
103 35.5 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

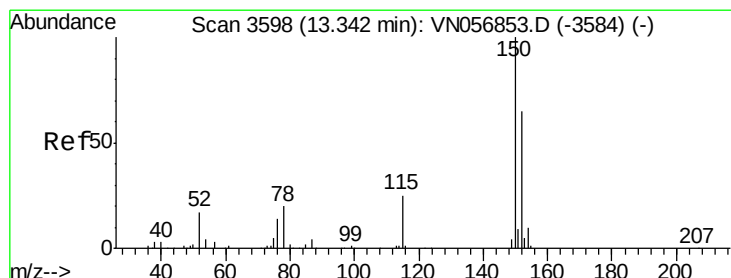
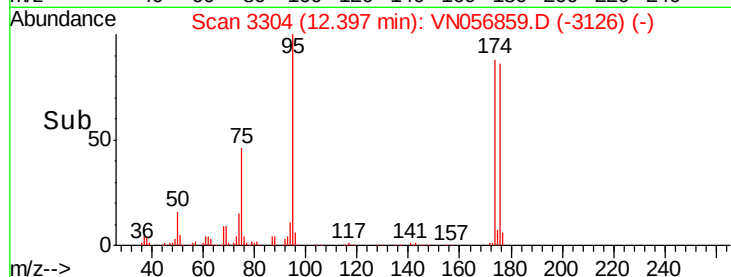
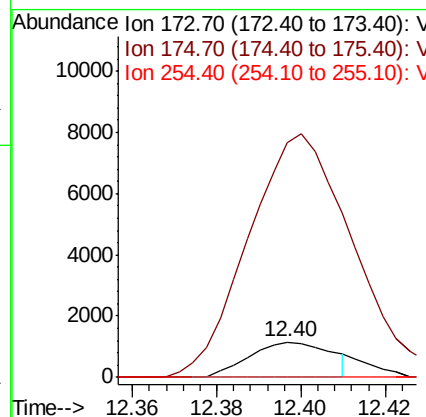
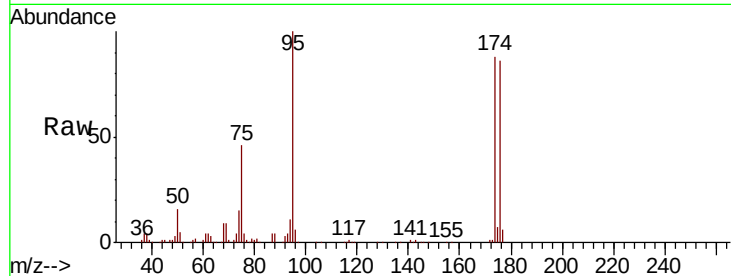




#71
Bromoform
Concen: 0.588 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

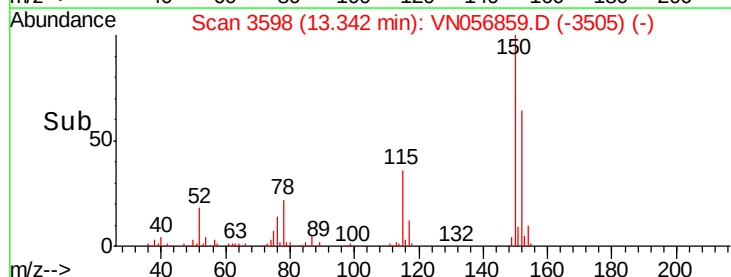
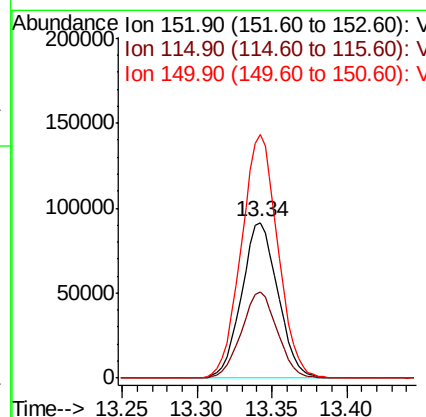
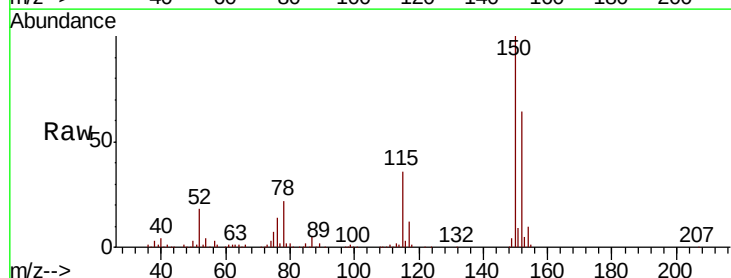
Instrument :
MSVOA_N
ClientSampled :
PB121556TB

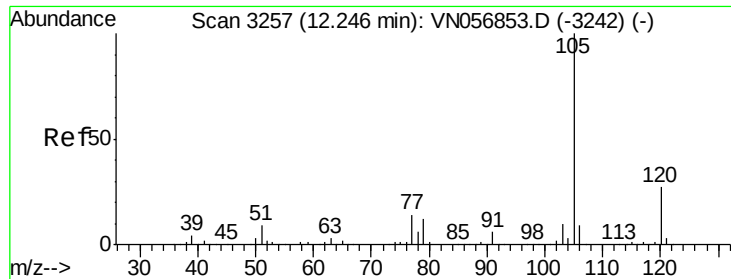
Tot Ion:173 Resp: 1552
Ion Ratio Lower Upper
173 100
175 726.3 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056859.D
Acq: 22 Jul 2019 17:21

Tgt Ion:152 Resp: 154245
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.7
150 157.4 0.0 343.0





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.01 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampleID :

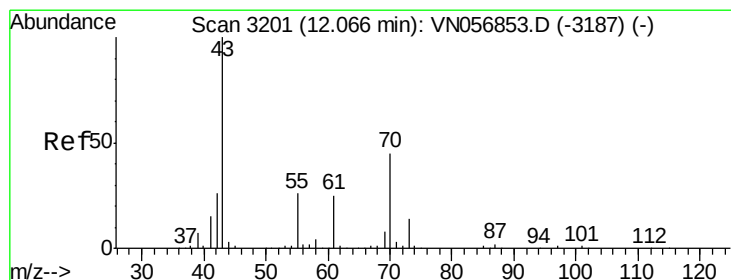
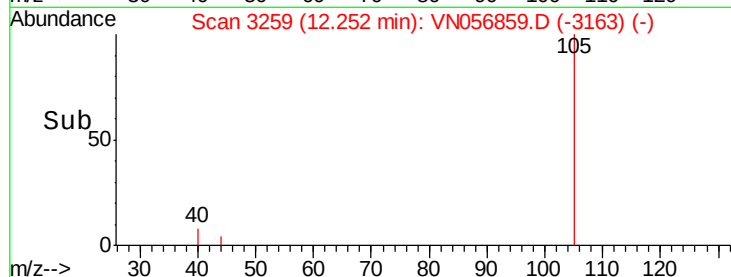
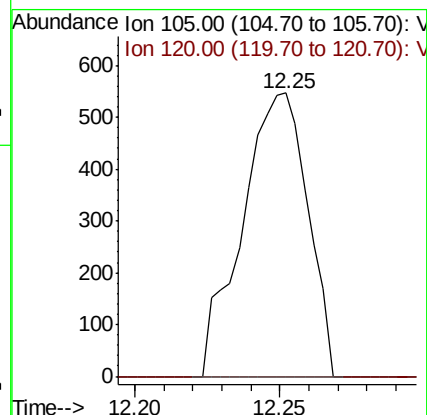
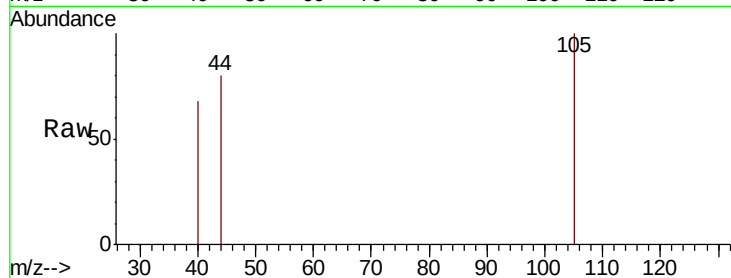
PB121556TB

Tot Ion:105 Resp: 858

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



#74

N-amyl acetate

Concen: 0.251 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Tgt Ion: 43 Resp: 1136

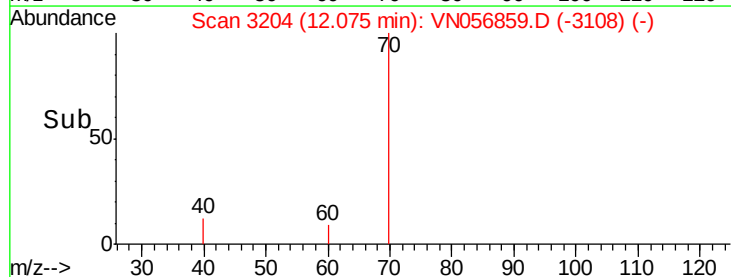
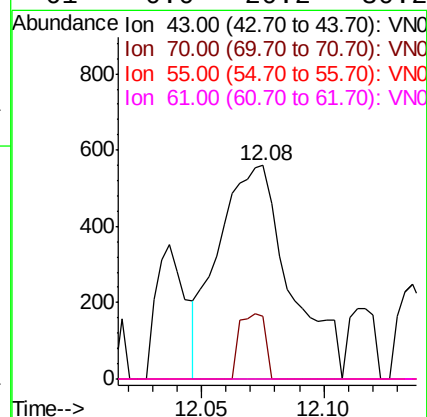
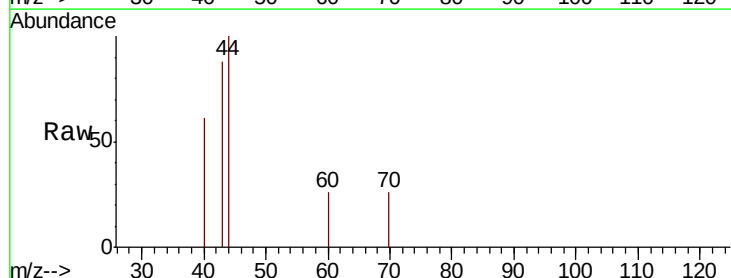
Ion Ratio Lower Upper

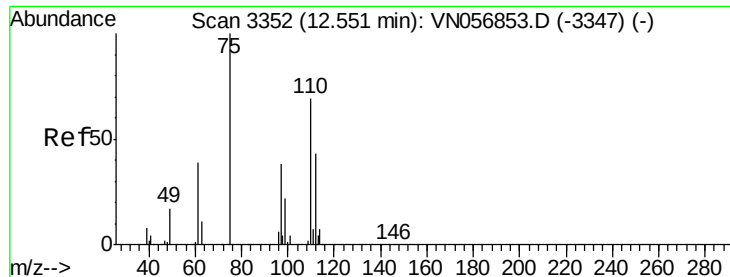
43 100

70 10.9 35.3 52.9#

55 0.0 20.6 31.0#

61 0.0 20.2 30.2#





#76

1,2,3-Trichloropropane

Concen: 28.843 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampled :

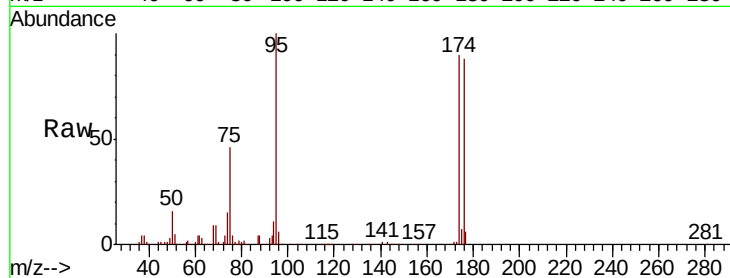
PB121556TB

Tot Ion: 75 Resp: 92199

Ion Ratio Lower Upper

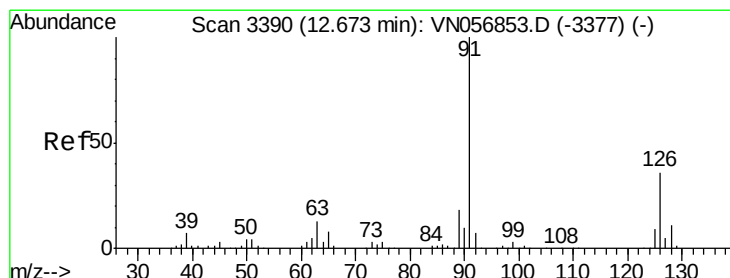
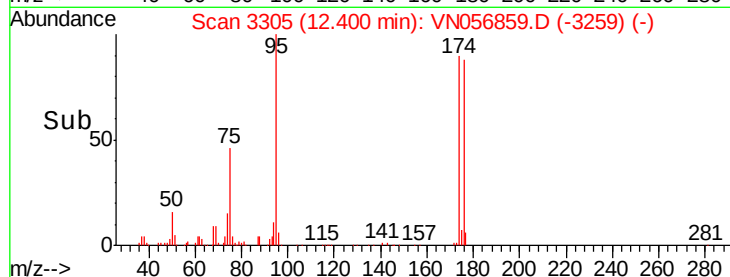
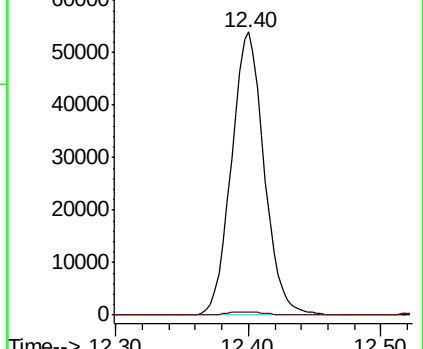
75 100

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: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056859.D

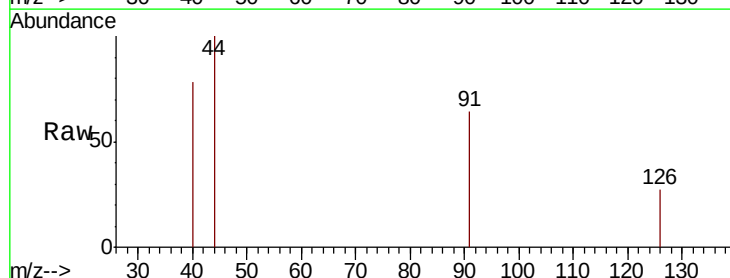
Acq: 22 Jul 2019 17:21

Tgt Ion: 91 Resp: 715

Ion Ratio Lower Upper

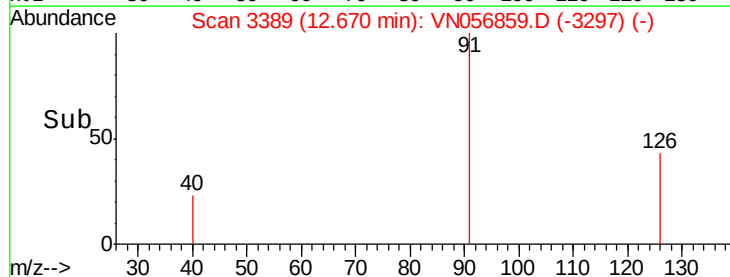
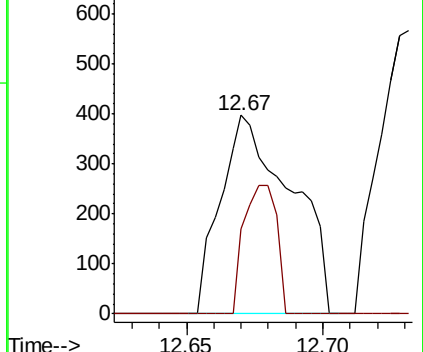
91 100

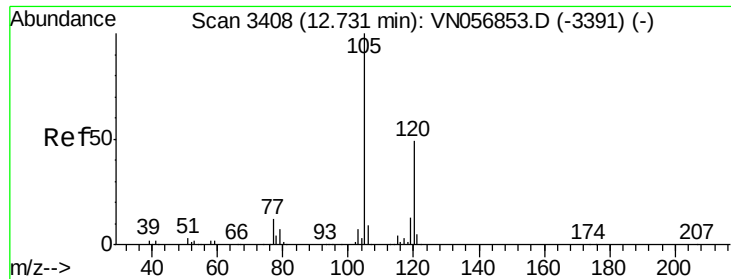
126 29.7 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

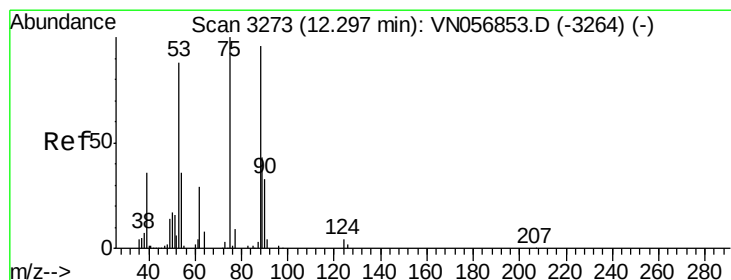
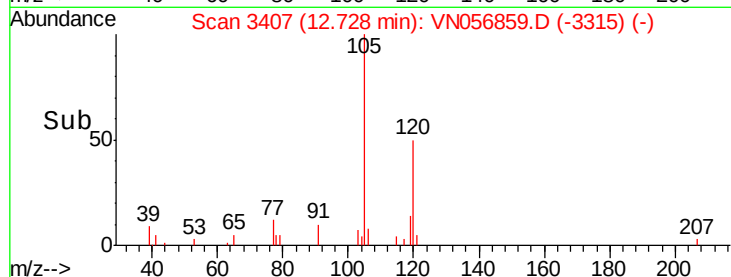
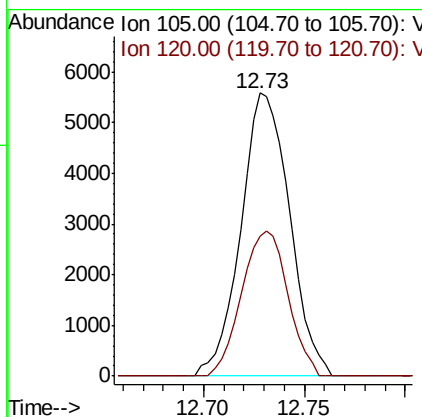
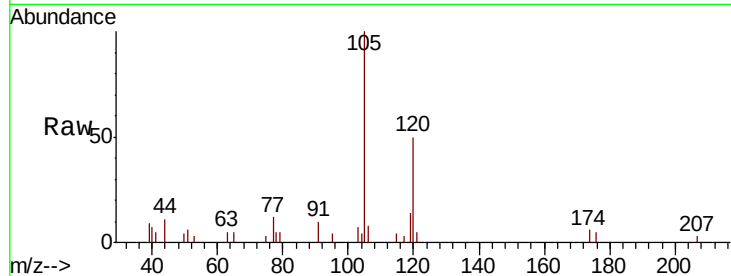




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

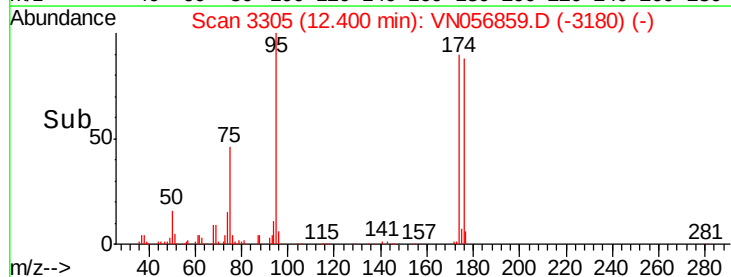
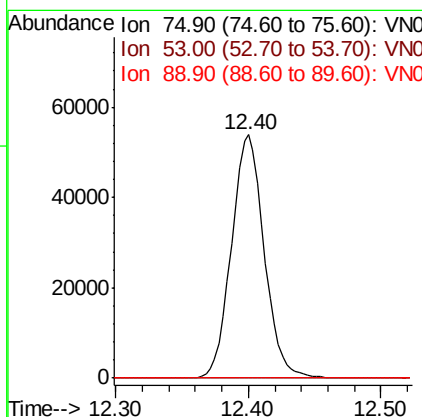
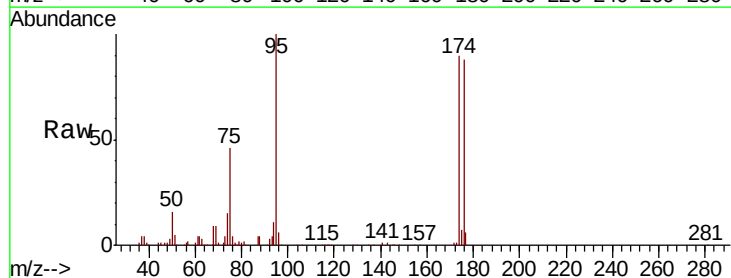
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556TB

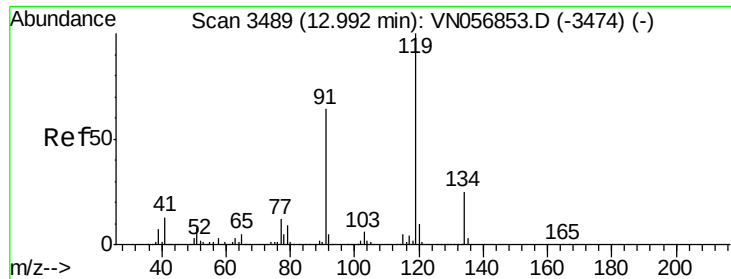
Tot Ion:105 Resp: 9443
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.378 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

Tgt Ion: 75 Resp: 92199
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.3 108.5#
 89 0.0 36.2 54.4#

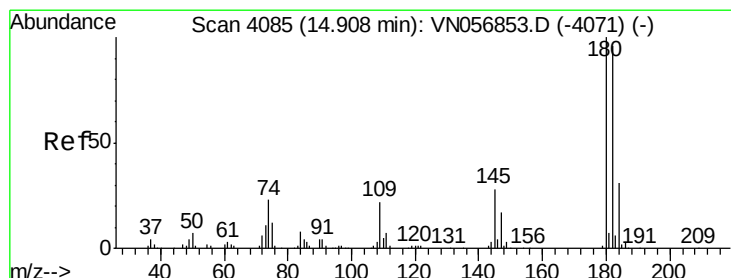
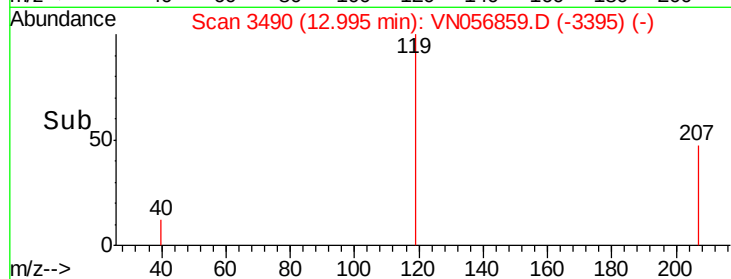
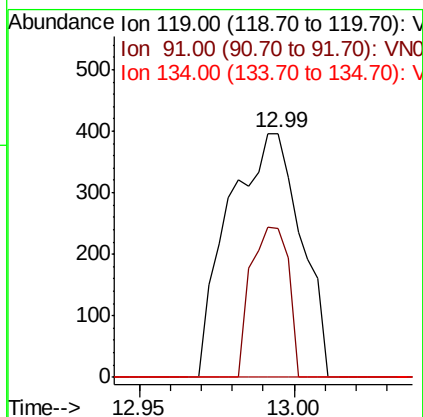
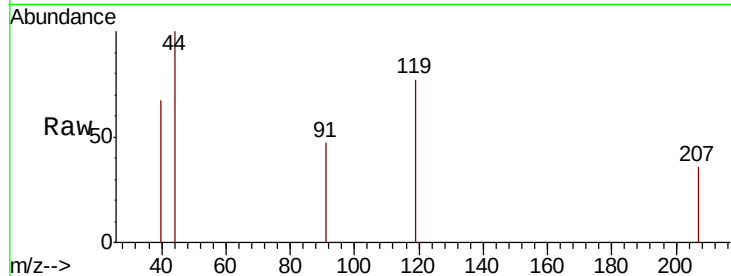




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

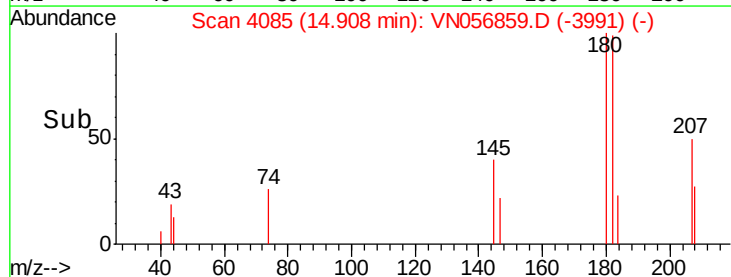
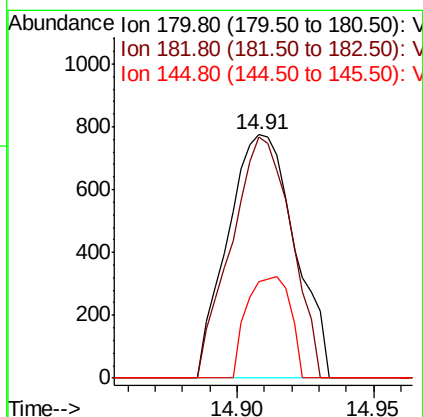
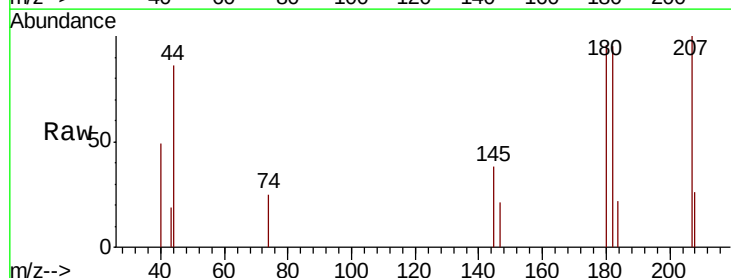
Instrument :
 MSVOA_N
 ClientSampled :
 PB121556TB

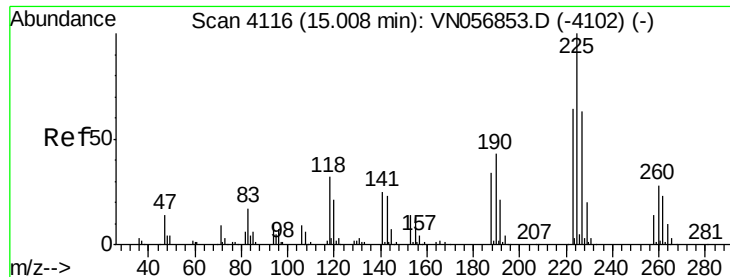
Tot Ion:119 Resp: 642
 Ion Ratio Lower Upper
 119 100
 91 31.9 31.5 94.5
 134 0.0 12.2 36.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.546 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

Tgt Ion:180 Resp: 1321
 Ion Ratio Lower Upper
 180 100
 182 88.6 47.9 143.7
 145 26.9 14.1 42.3





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

Instrument :

MSVOA_N

ClientSampled :

PB121556TB

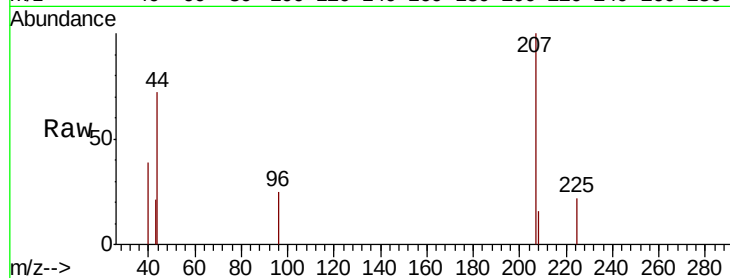
Tot Ion:225 Resp: 170

Ion Ratio Lower Upper

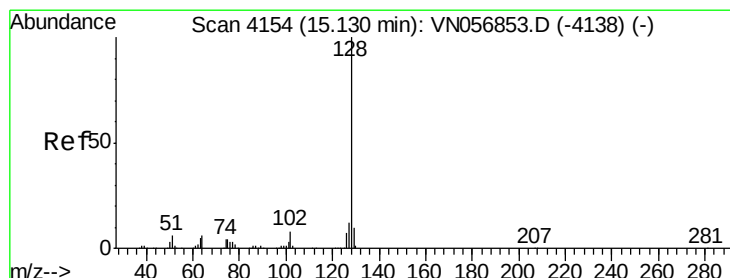
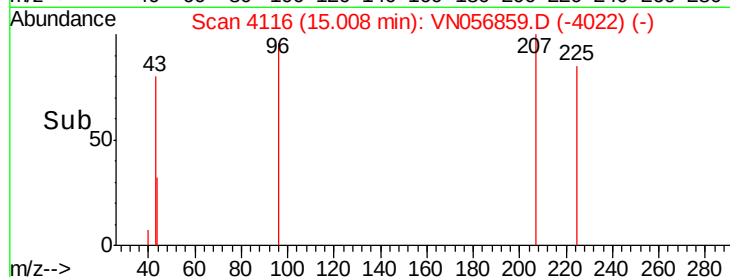
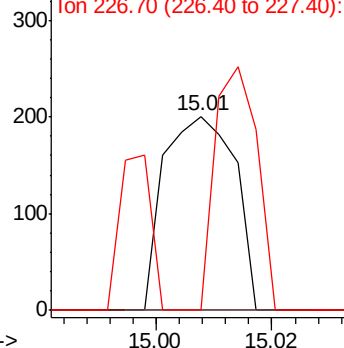
225 100

223 0.0 31.9 95.5#

227 74.7 31.7 95.1



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: 4.130 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056859.D

Acq: 22 Jul 2019 17:21

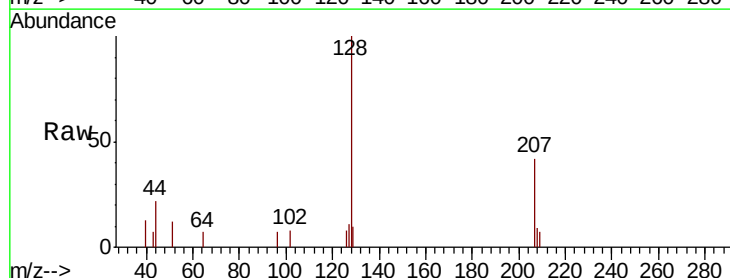
Tgt Ion:128 Resp: 4081

Ion Ratio Lower Upper

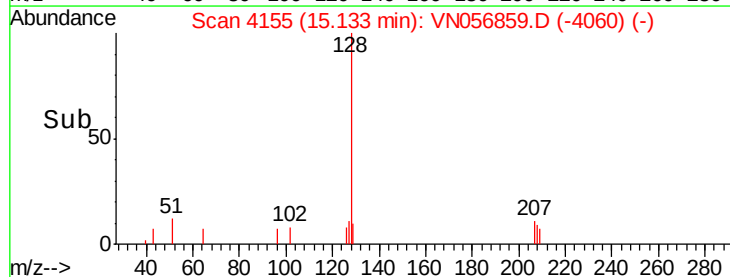
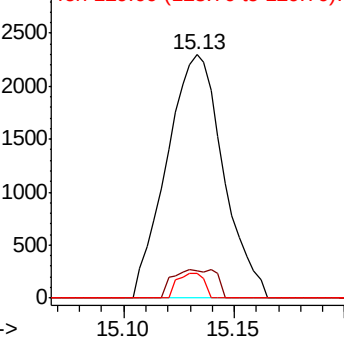
128 100

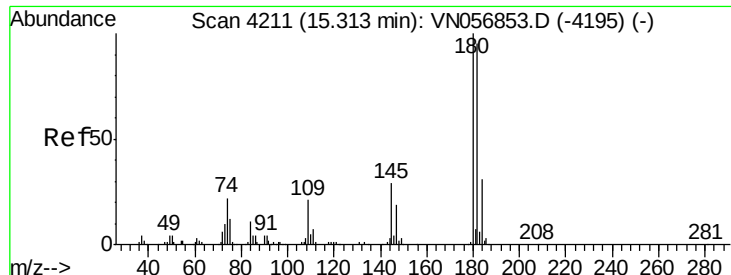
127 9.1 10.2 15.2#

129 4.8 8.5 12.7#



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

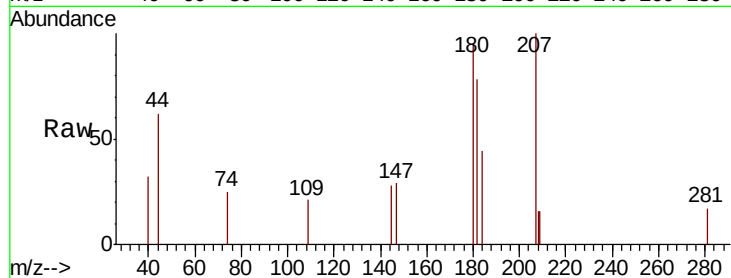




#96
 1,2,3-Trichlorobenzene
 Concen: 3.009 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN056859.D
 Acq: 22 Jul 2019 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.1	144.3
145	30.0	14.7	44.1



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

