

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058357.D
 Acq On : 25 Sep 2019 11:30
 Operator : JC/SP
 Sample : PB123365TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123365TB

Quant Time: Sep 26 01:08:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	476836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	783867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	682630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	348306	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
35) Dibromofluoromethane	7.57	113	248444	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.08	98	1006546	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	12.41	95	324742	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

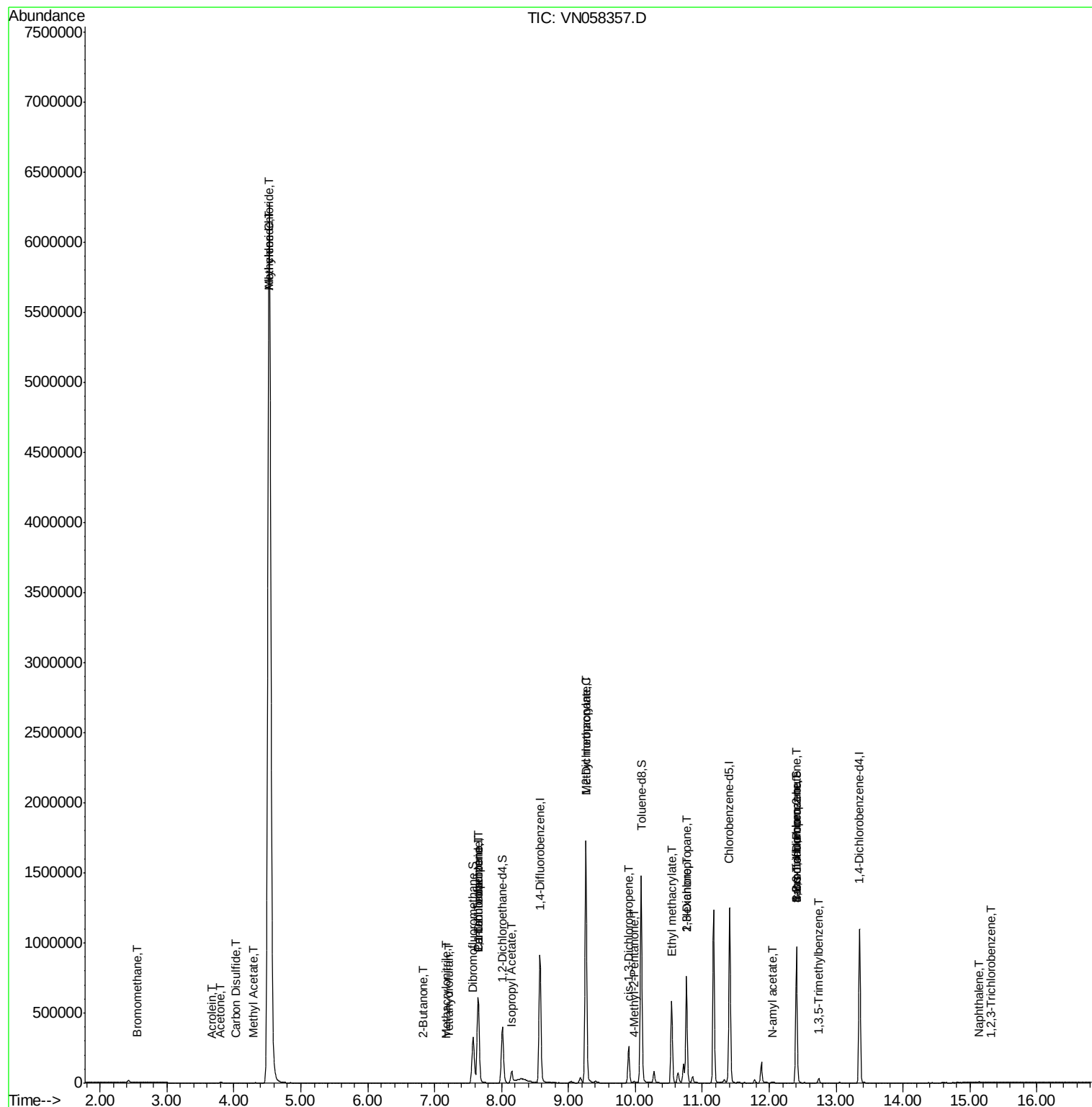
					Qvalue	
3) Chloromethane	2.04	50	844	Below Cal	#	83
5) Bromomethane	2.55	94	139	0.801	ug/l	90
6) Chloroethane	2.68	64	146	Below Cal	#	44
13) Acrolein	3.67	56	72	0.615	ug/l #	15
14) Allyl chloride	4.53	41	172447	27.339	ug/l #	23
16) Acetone	3.81	43	8519	3.779	ug/l #	85
17) Carbon Disulfide	4.03	76	415	0.371	ug/l #	74
18) Methyl Acetate	4.30	43	1703	0.287	ug/l #	84
20) Methylene Chloride	4.53	84	4846331	1233.127	ug/l	91
21) trans-1,2-Dichloroethene	5.03	96	60	Below Cal	#	44
25) 2-Butanone	6.83	43	628	0.204	ug/l #	51
29) Tetrahydrofuran	7.21	42	620	0.328	ug/l #	43
31) Cyclohexane	7.65	56	12753	Below Cal	#	1
36) 1,1-Dichloropropene	7.65	75	39673	7.018	ug/l #	51
38) Carbon Tetrachloride	7.65	117	49613	8.731	ug/l #	15
41) Methacrylonitrile	7.17	41	30	0.921	ug/l #	100
43) Isopropyl Acetate	8.15	43	102699	9.374	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2278	0.442	ug/l #	45
48) Methyl methacrylate	9.26	41	172647	34.706	ug/l #	46
51) 4-Methyl-2-Pentanone	9.98	43	6370	1.095	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	43666	5.879	ug/l #	65
56) Ethyl methacrylate	10.54	69	2188	0.316	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7343	0.890	ug/l #	43
59) 2-Hexanone	10.76	43	117418	27.167	ug/l #	52
71) Bromoform	12.40	173	610	3.770	ug/l #	1
74) N-amyl acetate	12.04	43	2283	0.313	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	181324	36.380	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	15571	1.056	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	181324	101.541	ug/l #	5
95) Naphthalene	15.14	128	5271	0.396	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.30	180	1042	0.215	ug/l #	88

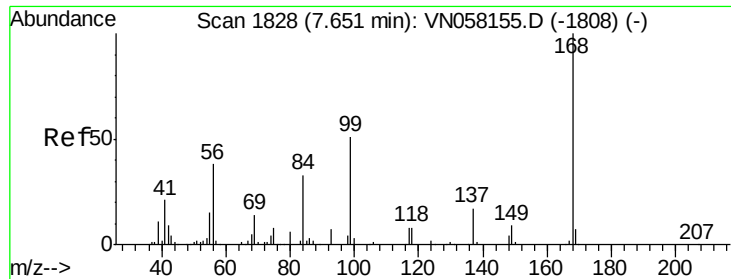
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

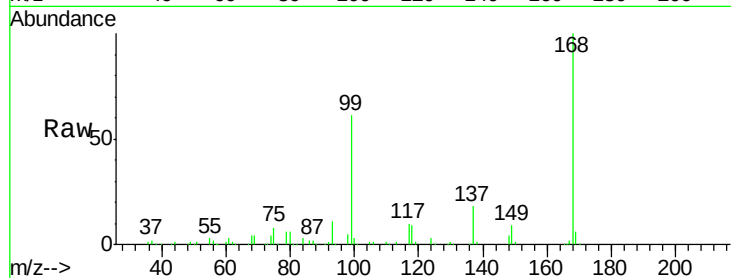
PB123365TB

Tot Ion:168 Resp: 476836

Ion Ratio Lower Upper

168 100

99 60.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

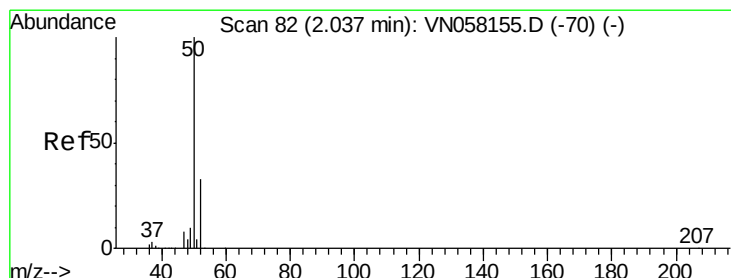
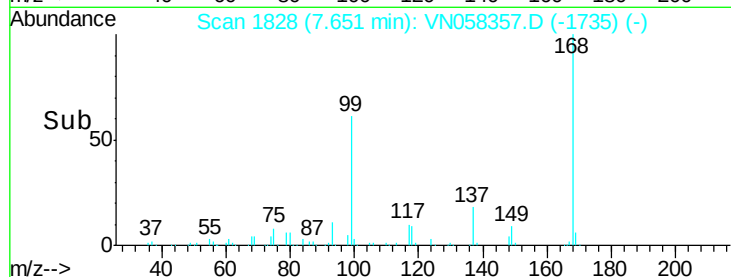
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058357.D

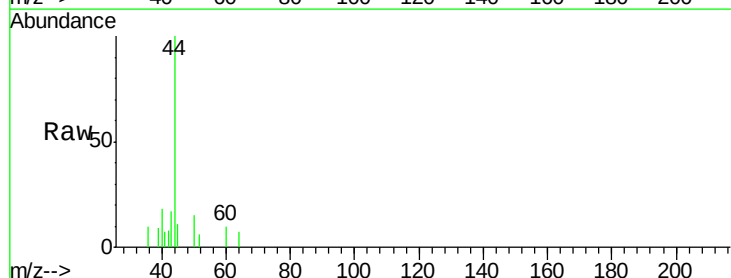
Acq: 25 Sep 2019 11:30

Tgt Ion: 50 Resp: 844

Ion Ratio Lower Upper

50 100

52 42.7 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

500

400

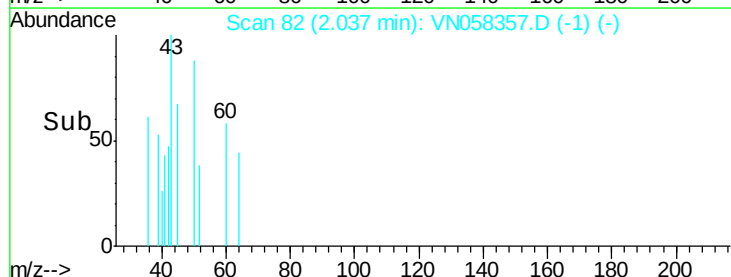
300

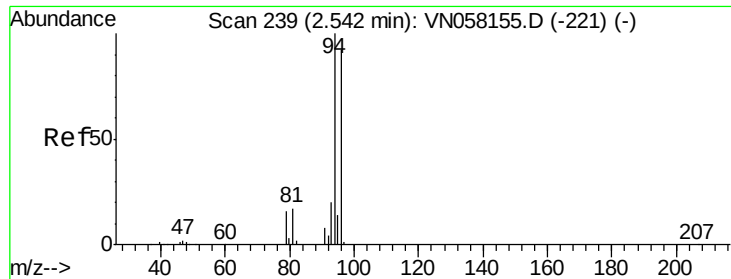
200

100

0

Time-->





#5

Bromomethane

Concen: 0.801 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampled :

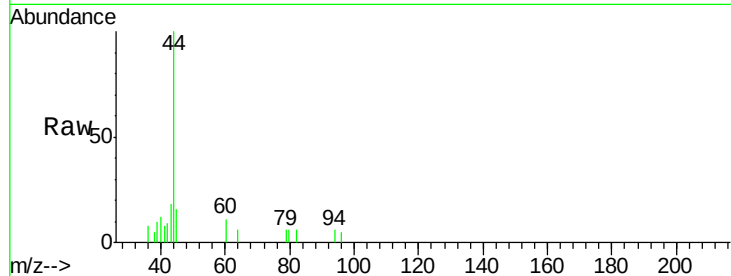
PB123365TB

Tot Ion: 94 Resp: 139

Ion Ratio Lower Upper

94 100

96 81.8 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

300

250

200

150

100

50

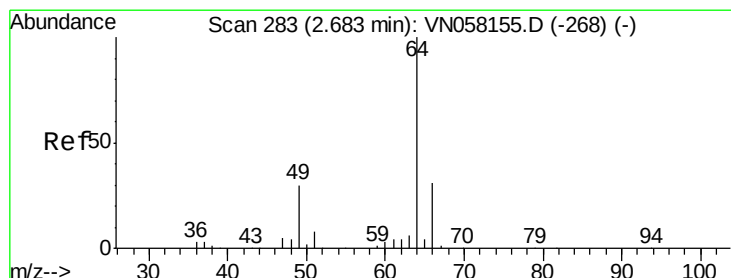
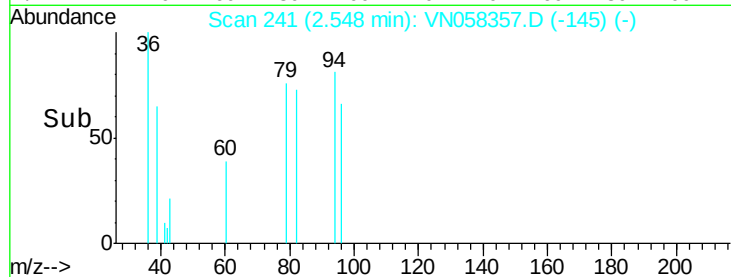
0

2.54

2.55

2.56

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN058357.D

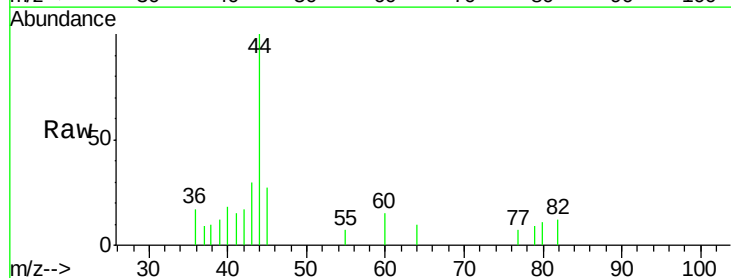
Acq: 25 Sep 2019 11:30

Tgt Ion: 64 Resp: 146

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

400

300

200

100

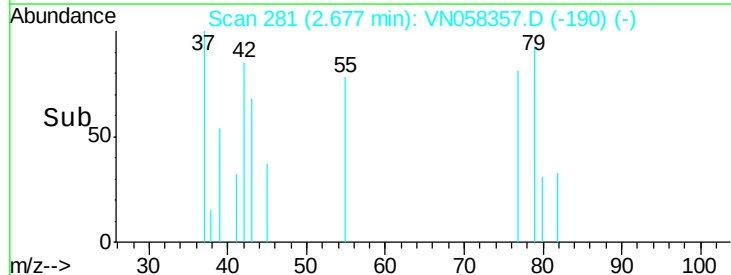
0

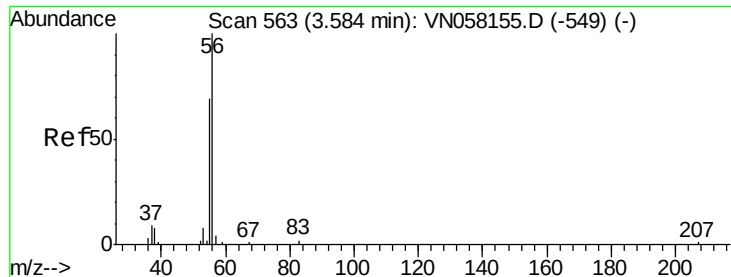
2.67

2.68

2.69

Time-->





#13

Acrolein

Concen: 0.615 ug/l

RT: 3.67 min Scan# 589

Delta R.T. 0.08 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

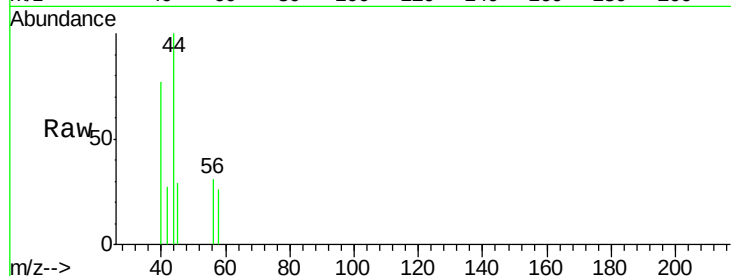
PB123365TB

Tot Ion: 56 Resp: 72

Ion Ratio Lower Upper

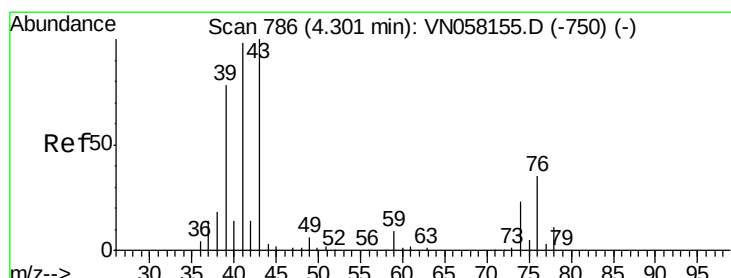
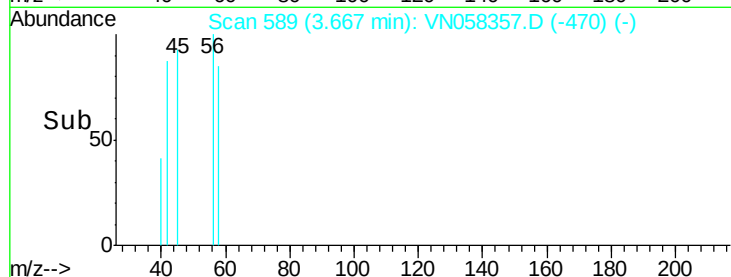
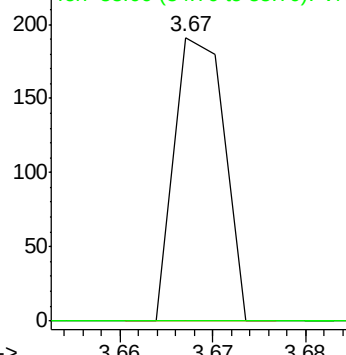
56 100

55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 27.339 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.23 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

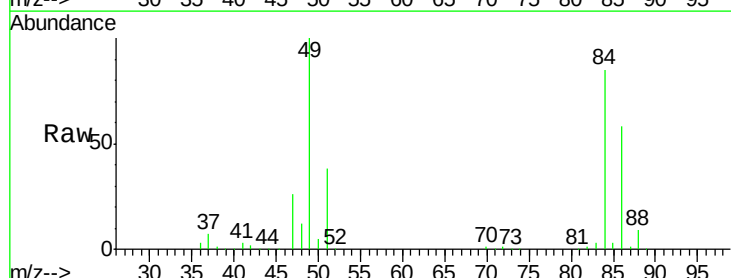
Tgt Ion: 41 Resp: 172447

Ion Ratio Lower Upper

41 100

39 1.4 59.1 88.7#

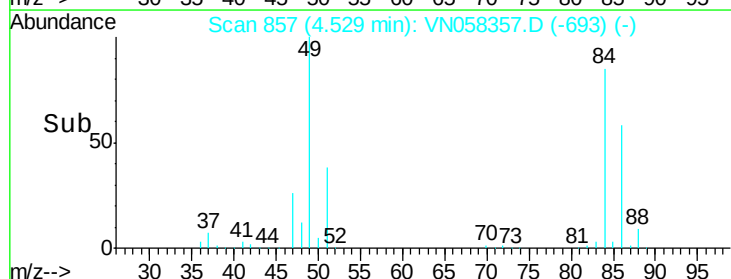
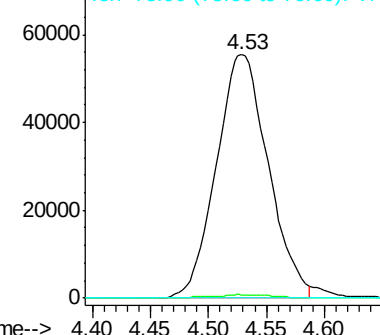
76 0.0 25.1 37.7#

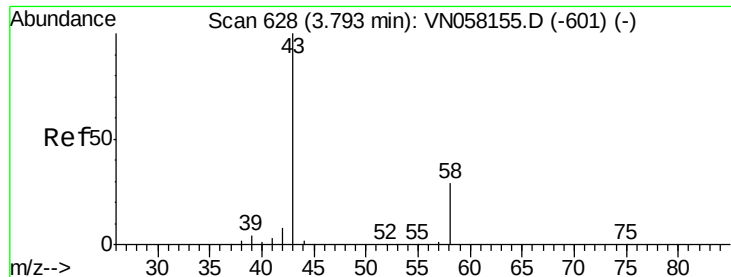


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 3.779 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

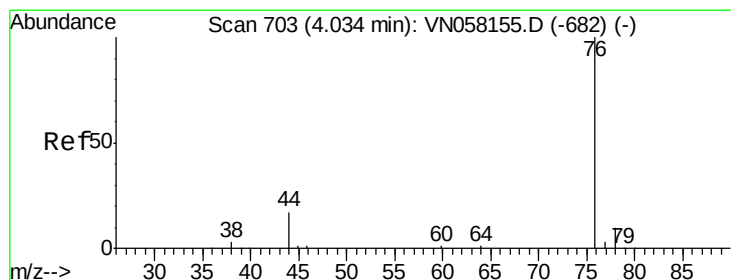
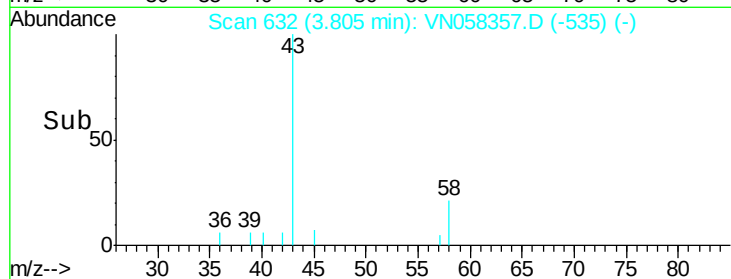
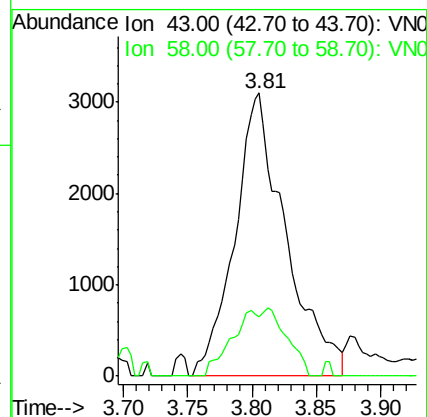
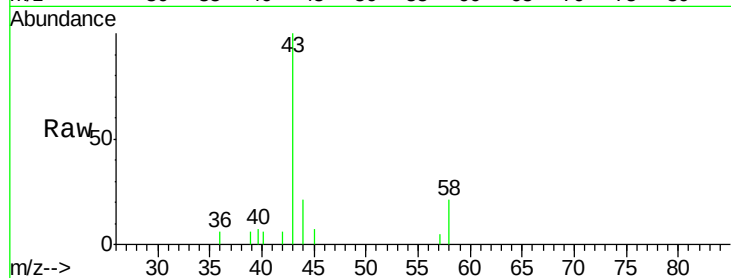
PB123365TB

Tot Ion: 43 Resp: 8519

Ion Ratio Lower Upper

43 100

58 21.0 23.4 35.2#



#17

Carbon Disulfide

Concen: 0.371 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.01 min

Lab File: VN058357.D

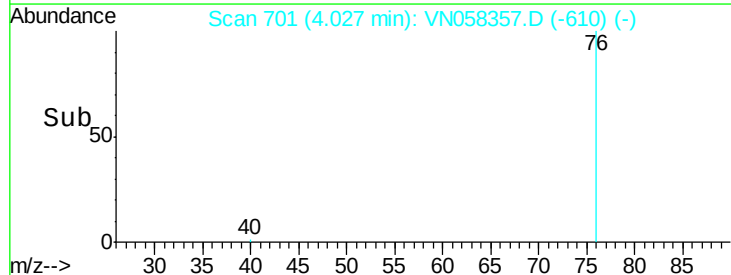
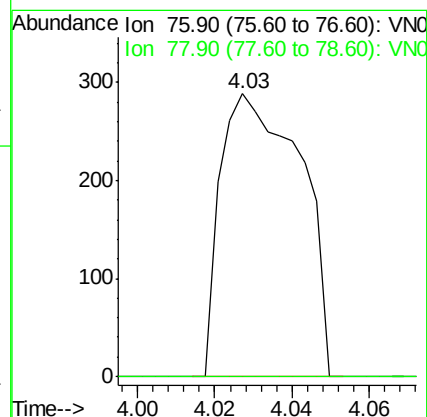
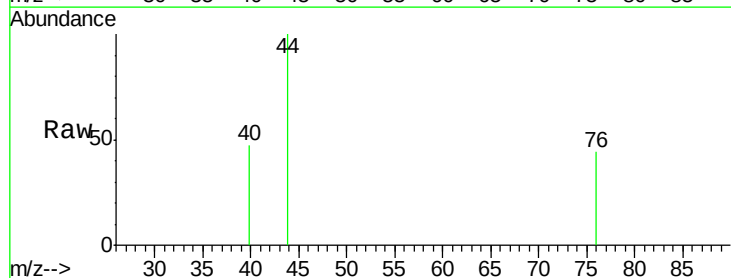
Acq: 25 Sep 2019 11:30

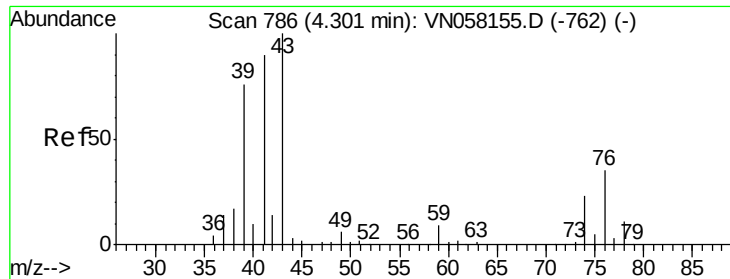
Tgt Ion: 76 Resp: 415

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#

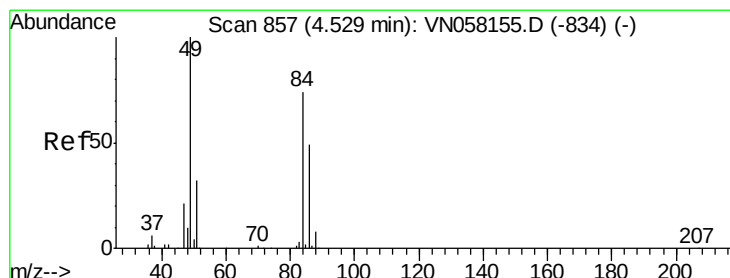
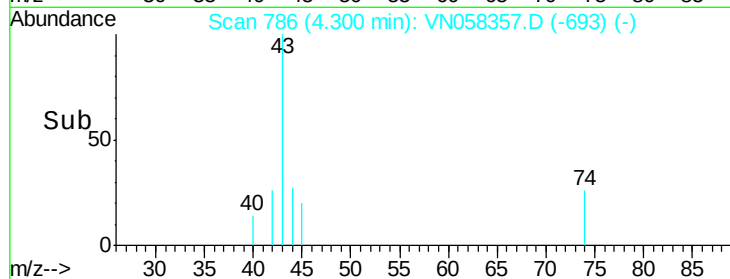
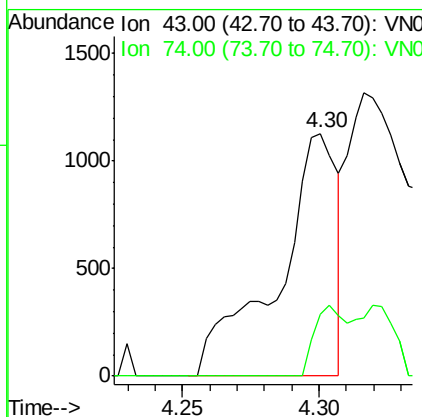
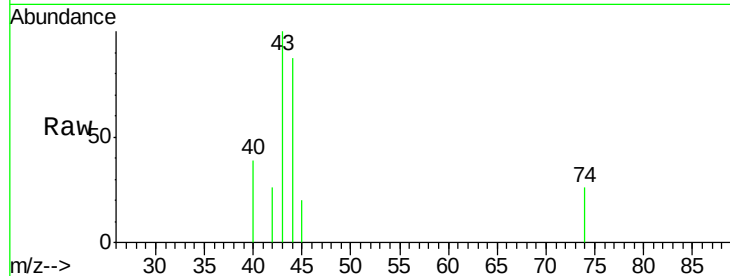




#18
Methvl Acetate
Concen: 0.287 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058357.D
Acq: 25 Sep 2019 11:30

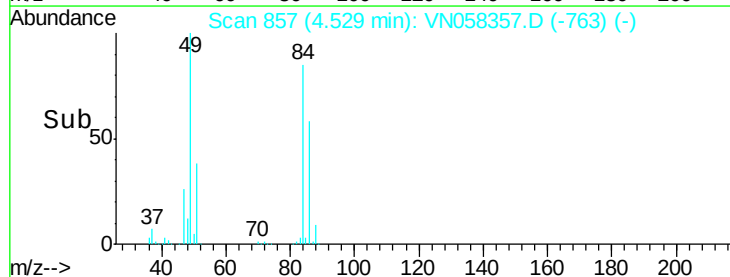
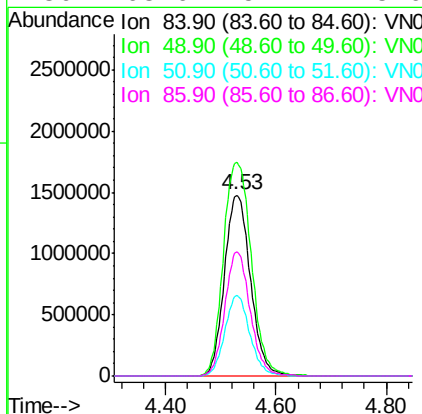
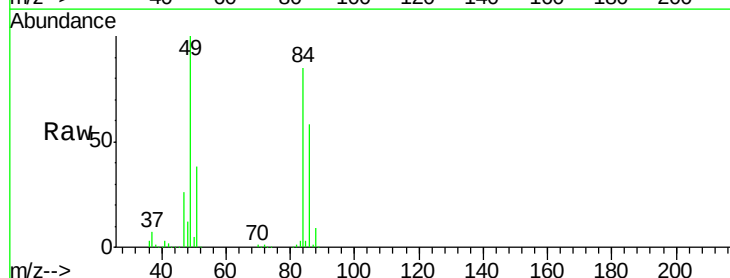
Instrument :
MSVOA_N
ClientSampled :
PB123365TB

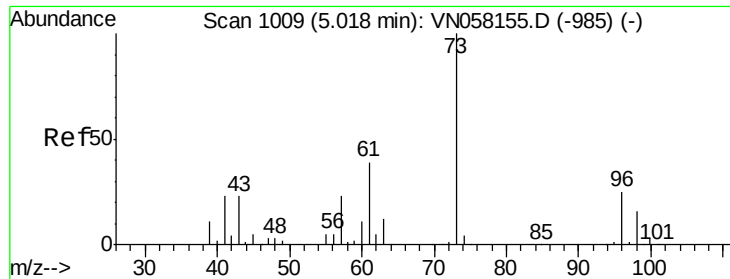
Tot Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
74 14.9 18.0 27.0#



#20
Methylene Chloride
Concen: 1233.127 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058357.D
Acq: 25 Sep 2019 11:30

Tgt Ion: 84 Resp: 4846331
Ion Ratio Lower Upper
84 100
49 118.0 107.5 161.3
51 44.7 33.9 50.9
86 68.6 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 5.03 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

PB123365TB

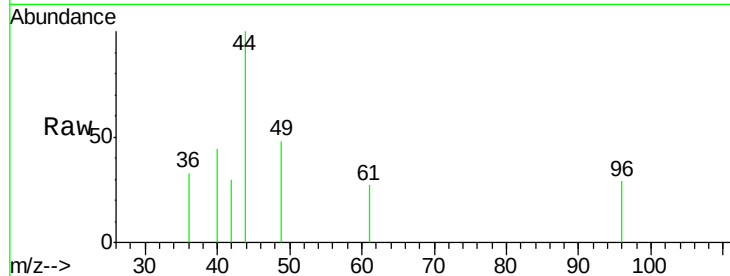
Tot Ion: 96 Resp: 60

Ion Ratio Lower Upper

96 100

61 94.4 122.2 183.4#

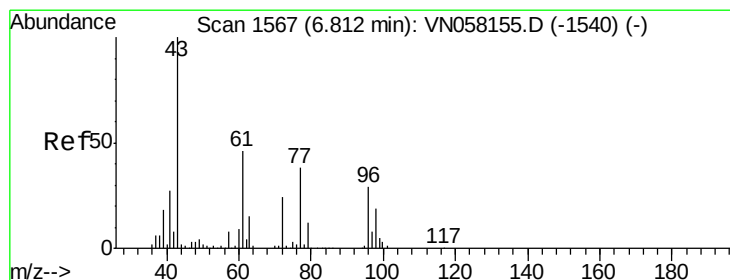
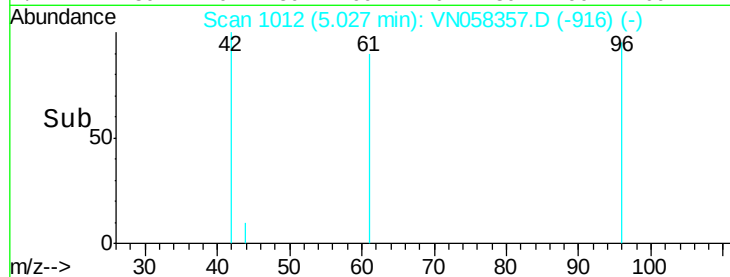
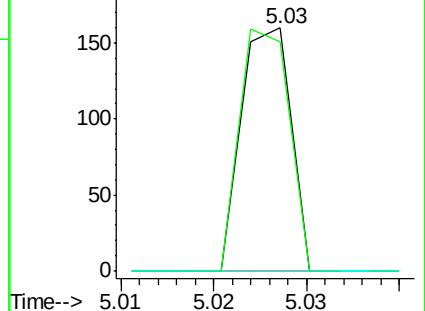
98 0.0 49.9 74.9#



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#25

2-Butanone

Concen: 0.204 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.02 min

Lab File: VN058357.D

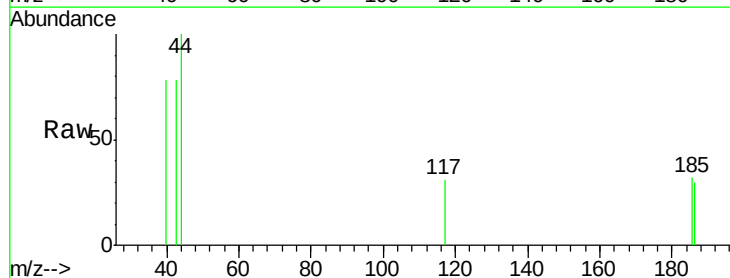
Acq: 25 Sep 2019 11:30

Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

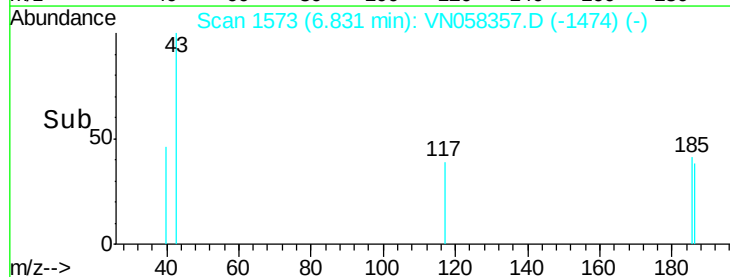
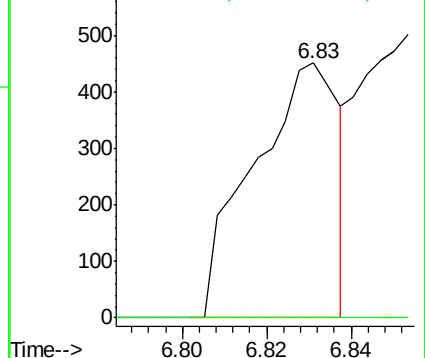
43 100

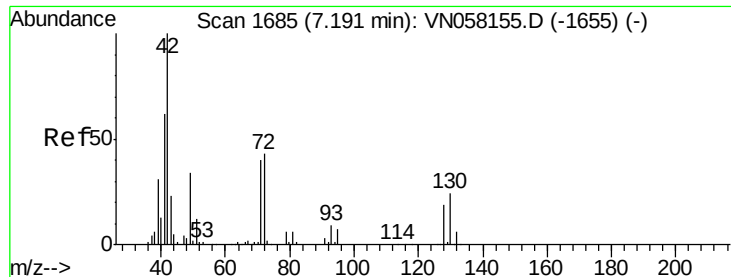
72 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

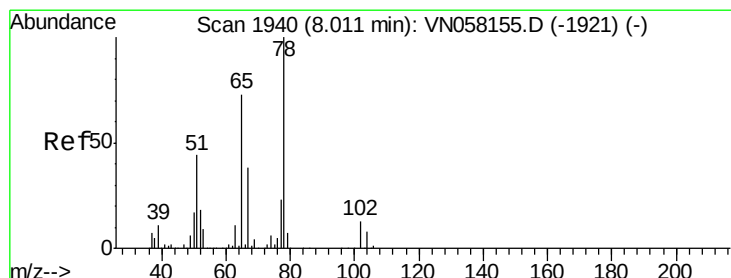
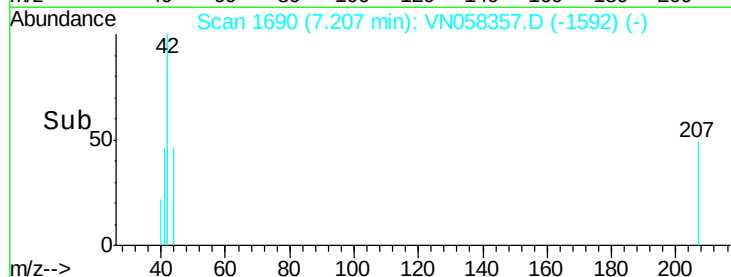
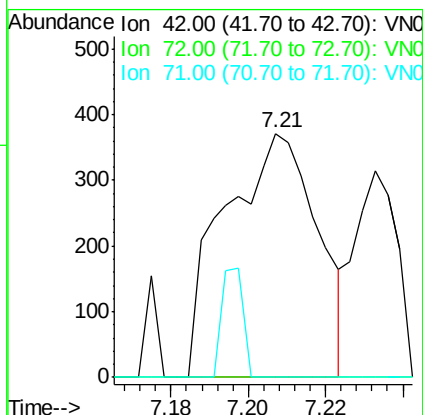
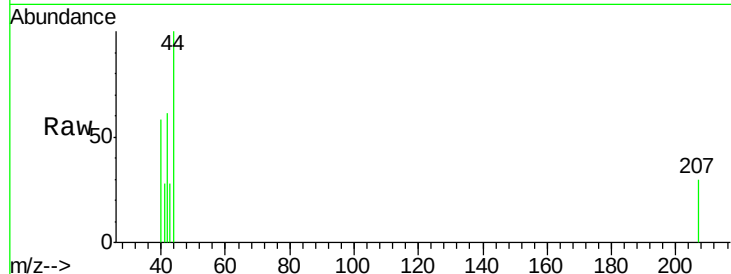




#29
Tetrahydrofuran
Concen: 0.328 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.02 min
Lab File: VN058357.D
Acq: 25 Sep 2019 11:30

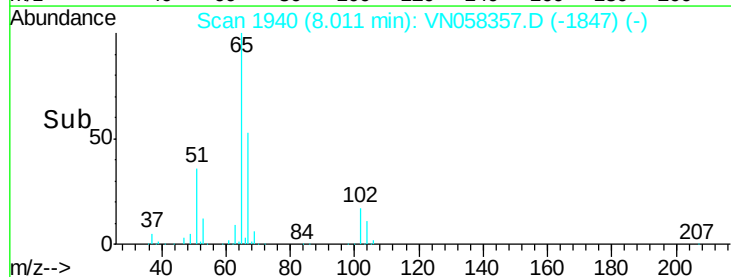
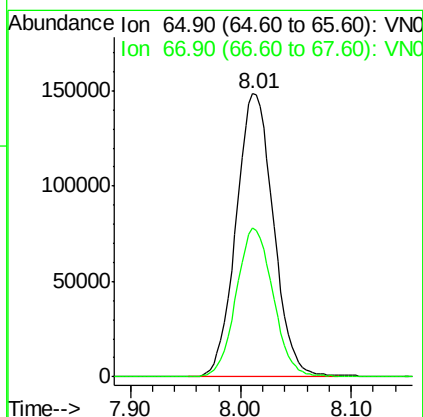
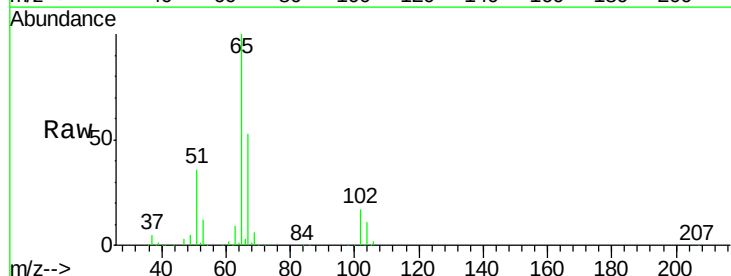
Instrument :
MSVOA_N
ClientSampled :
PB123365TB

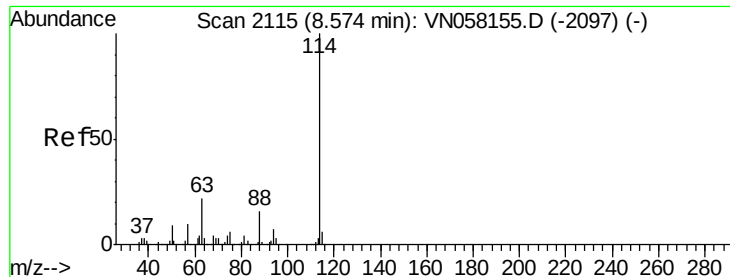
Tot Ion: 42 Resp: 620
Ion Ratio Lower Upper
42 100
72 0.0 33.8 50.6#
71 10.2 31.4 47.0#



#33
1,2-Dichloroethane-d4
Concen: 52.445 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058357.D
Acq: 25 Sep 2019 11:30

Tgt Ion: 65 Resp: 348306
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

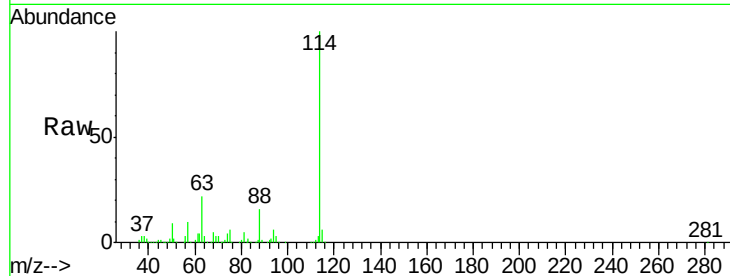




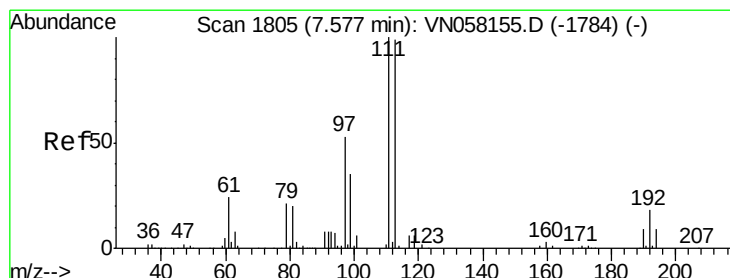
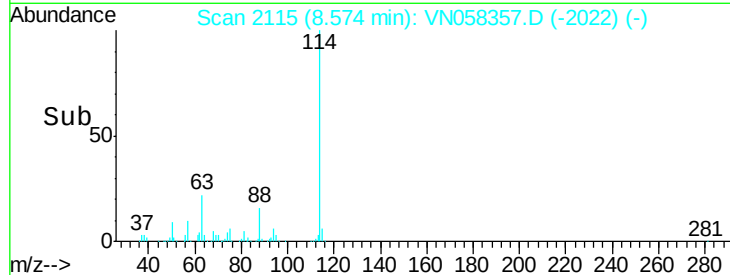
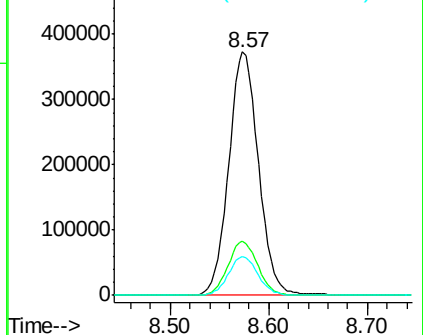
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123365TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.2
88	16.0	0.0	31.6

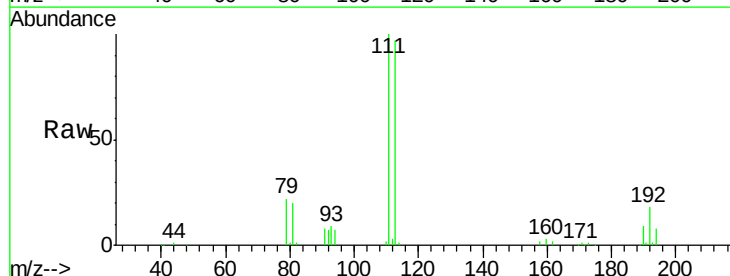


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

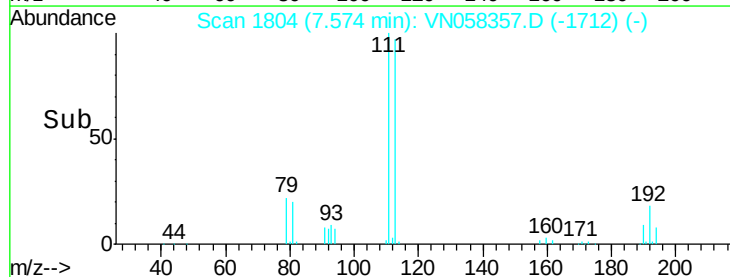
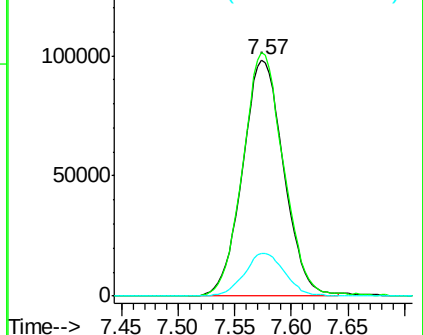


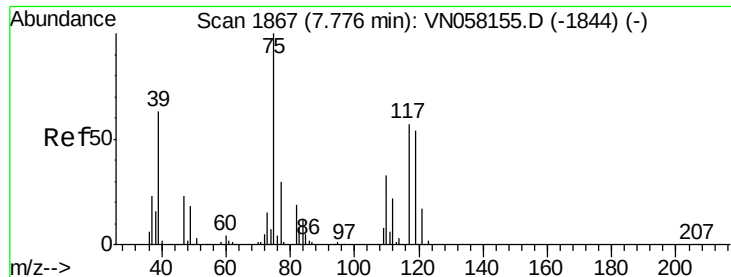
#35
 Dibromofluoromethane
 Concen: 52.136 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	17.9	14.5	21.7



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

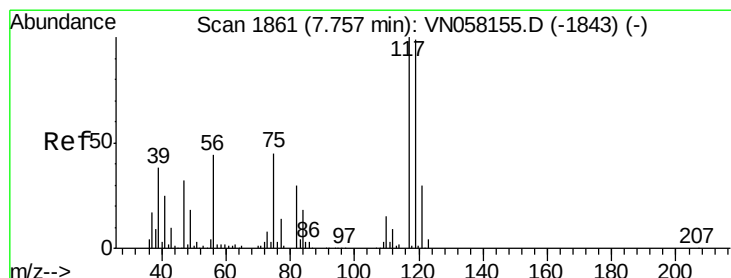
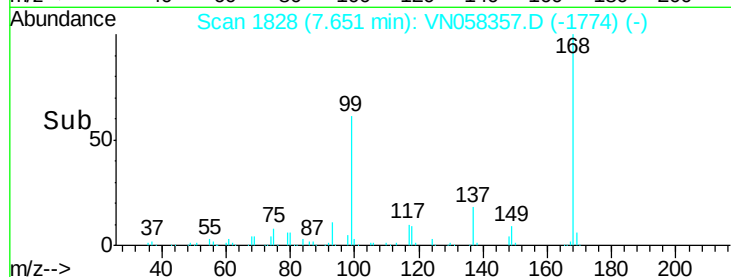
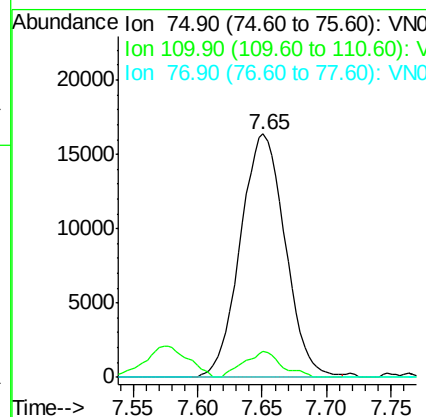
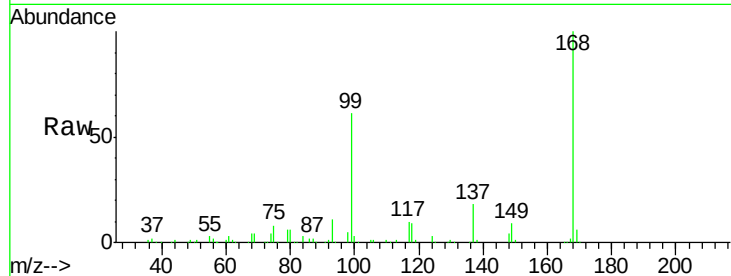




#36
 1,1-Dichloropropene
 Concen: 7.018 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

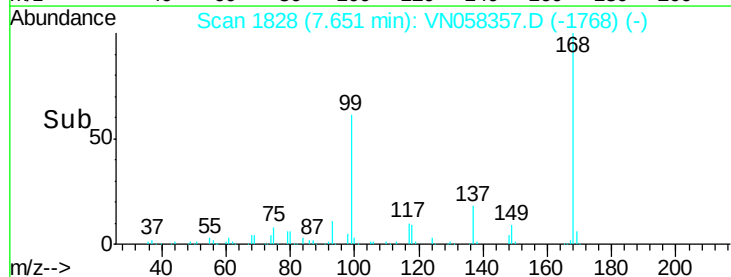
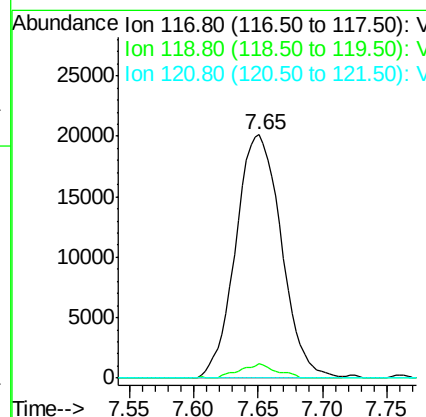
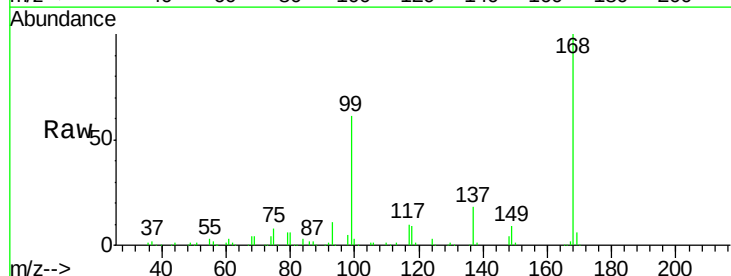
Instrument :
 MSVOA_N
 ClientSampleId :
 PB123365TB

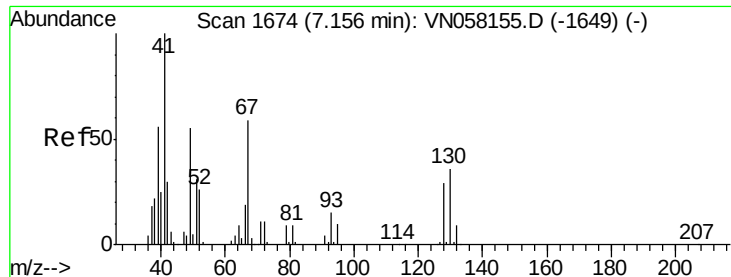
Tot Ion	75	Resp	39673
Ion Ratio	Lower	Upper	
75	100		
110	8.9	16.6	49.7#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 8.731 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

Tgt Ion	117	Resp	49613
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.7	78.6	117.8#
121	0.0	24.1	36.1#

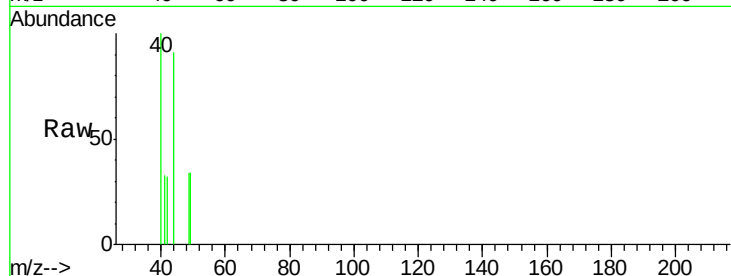




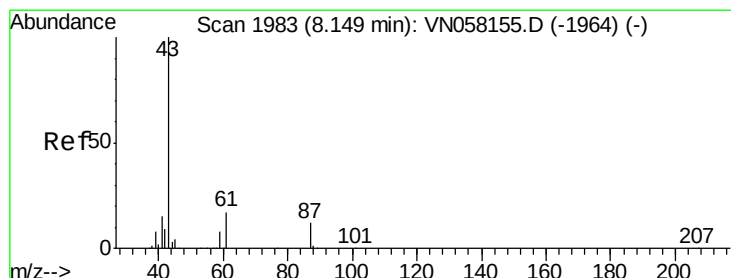
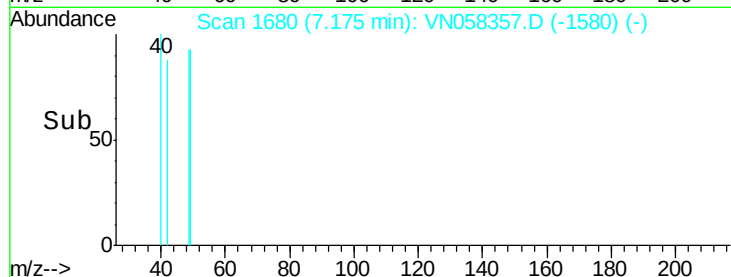
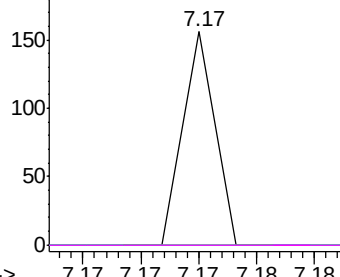
#41
Methacrylonitrile
Concen: 0.921 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.02 min
Lab File: VN058357.D
Acq: 25 Sep 2019 11:30

Instrument :
MSVOA_N
ClientSampleId :
PB123365TB

Tot Ion:	41	Resp:	30
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

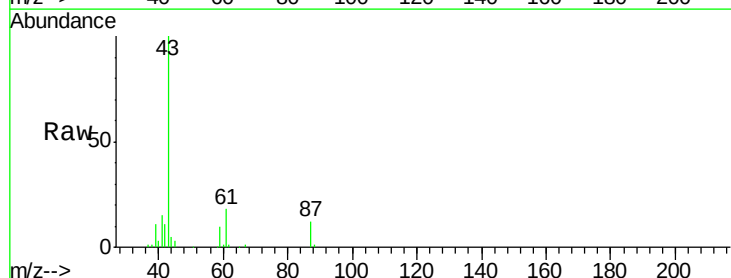


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

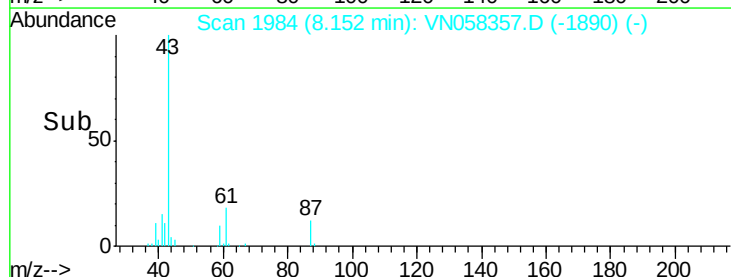
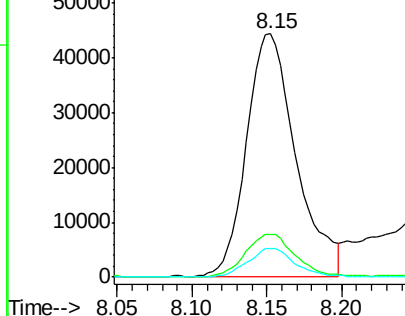


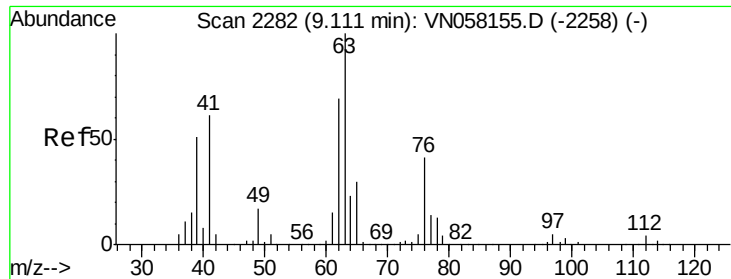
#43
Isopropyl Acetate
Concen: 9.374 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058357.D
Acq: 25 Sep 2019 11:30

Tgt Ion:	43	Resp:	102699
Ion	Ratio	Lower	Upper
43	100		
61	17.9	19.7	29.5#
87	11.2	9.4	14.2



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

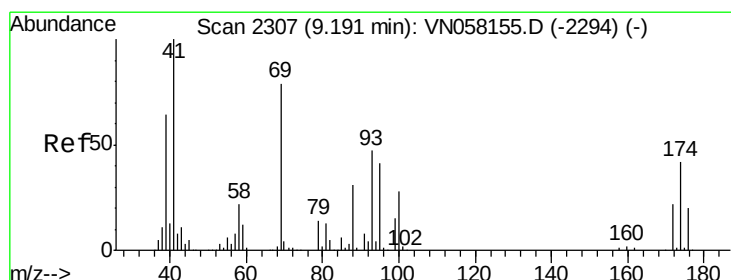
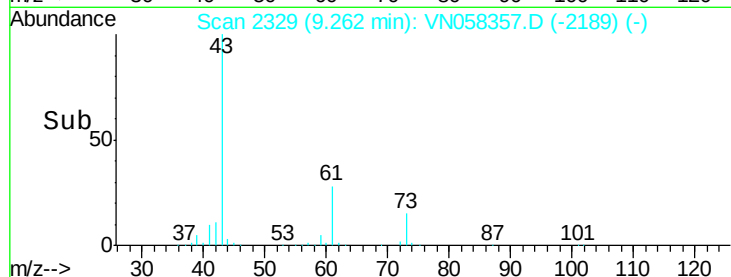
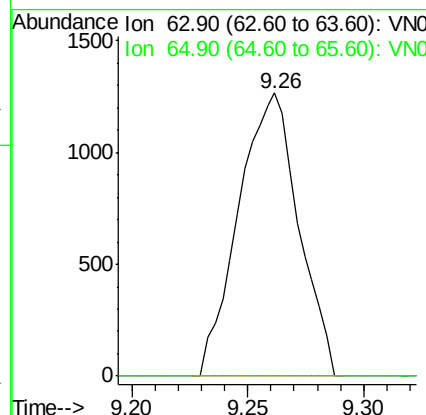
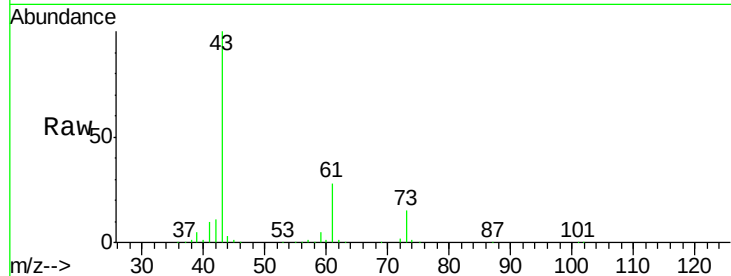




#45
 1,2-Dichloropropane
 Concen: 0.442 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

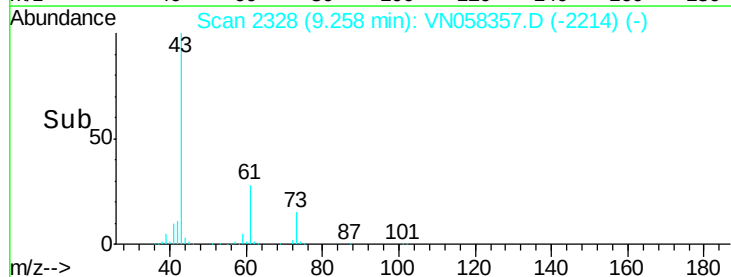
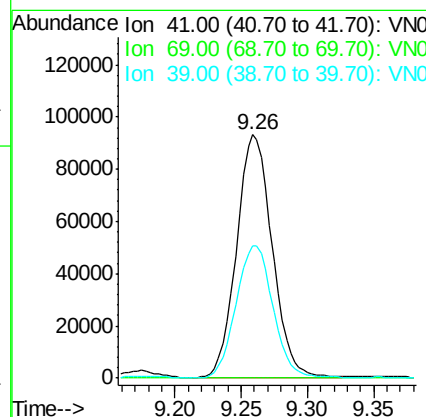
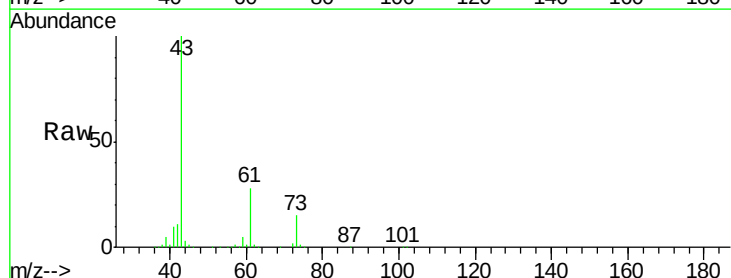
Instrument :
 MSVOA_N
 ClientSampleId :
 PB123365TB

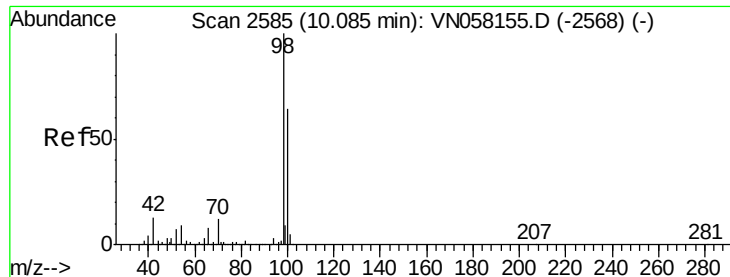
Tot Ion: 63 Resp: 2278
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.8 35.6#



#48
 Methyl methacrylate
 Concen: 34.706 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.07 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

Tgt Ion: 41 Resp: 172647
 Ion Ratio Lower Upper
 41 100
 69 0.1 62.5 93.7#
 39 56.2 52.3 78.5





#50

Toluene-d8

Concen: 54.213 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

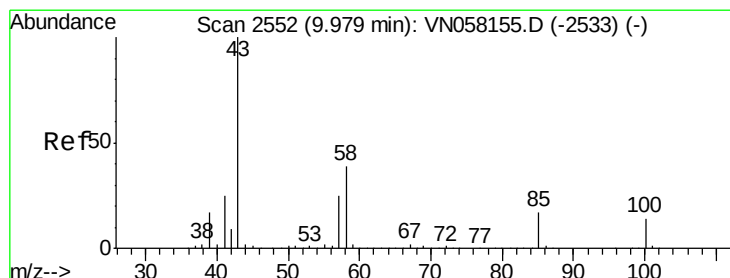
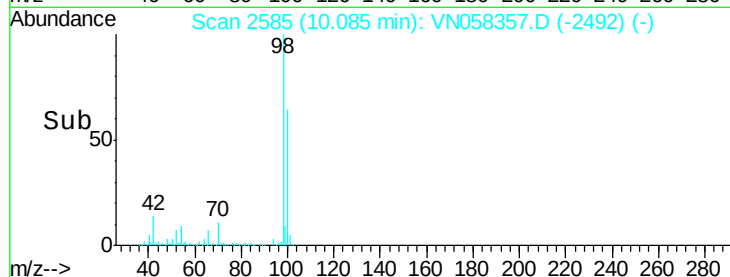
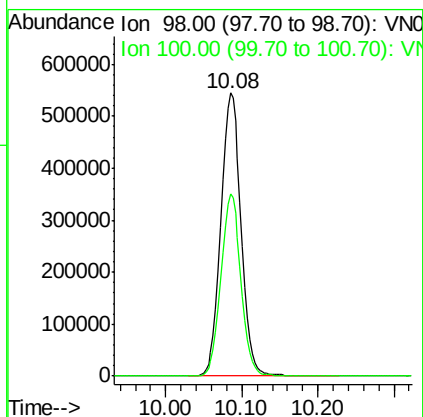
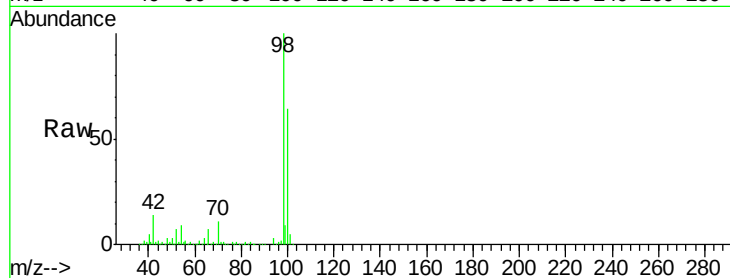
PB123365TB

Tot Ion: 98 Resp: 1006546

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.095 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058357.D

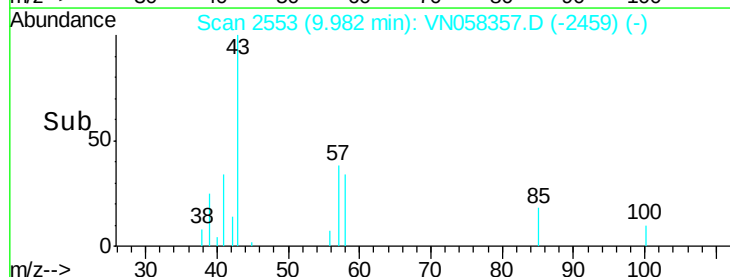
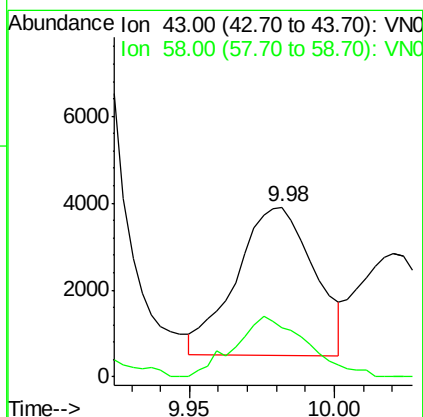
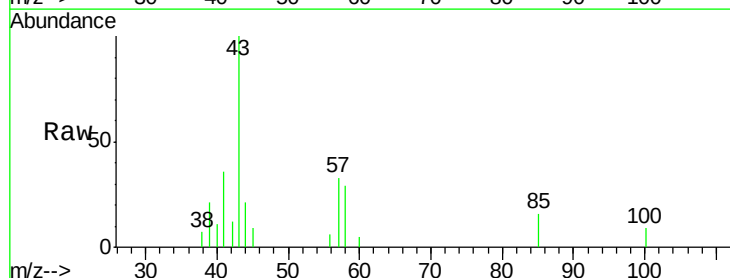
Acq: 25 Sep 2019 11:30

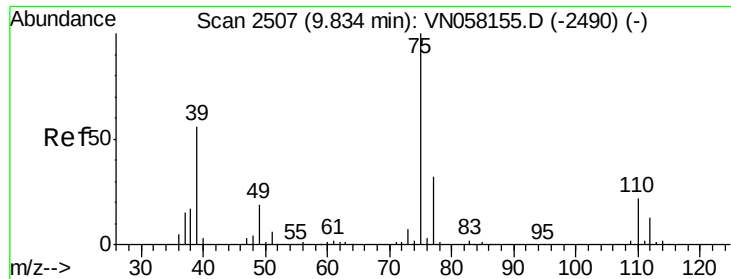
Tgt Ion: 43 Resp: 6370

Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.4





#54

cis-1,3-Dichloropropene

Concen: 5.879 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

PB123365TB

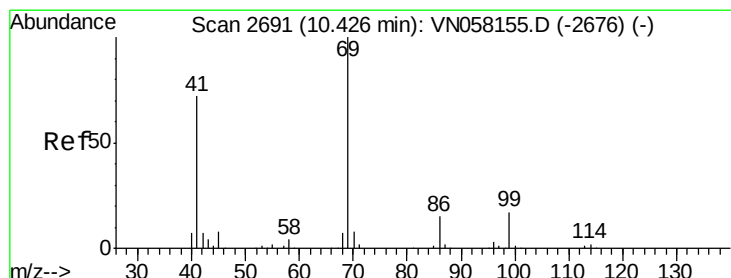
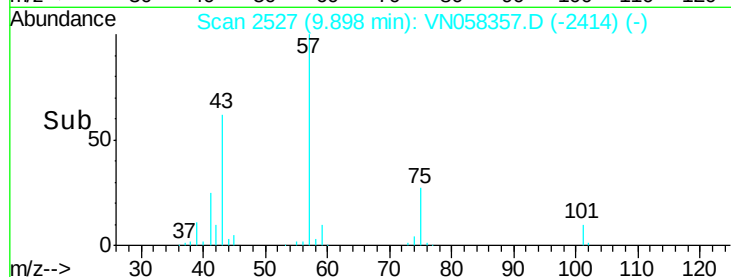
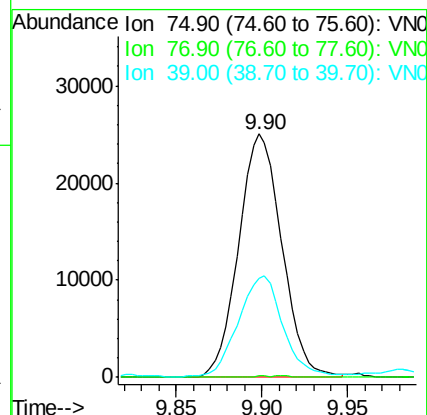
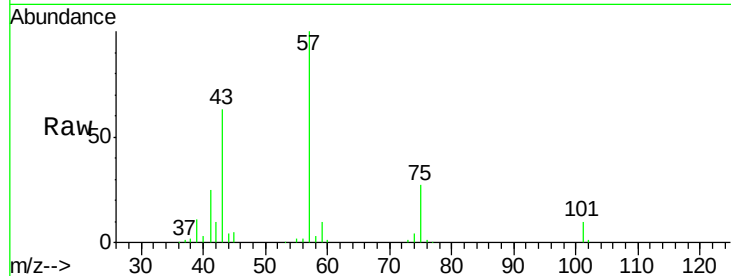
Tot Ion: 75 Resp: 43666

Ion Ratio Lower Upper

75 100

77 0.6 25.4 38.0#

39 39.7 45.0 67.6#



#56

Ethyl methacrylate

Concen: 0.316 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

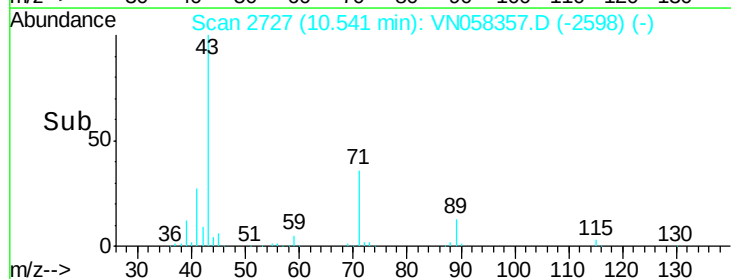
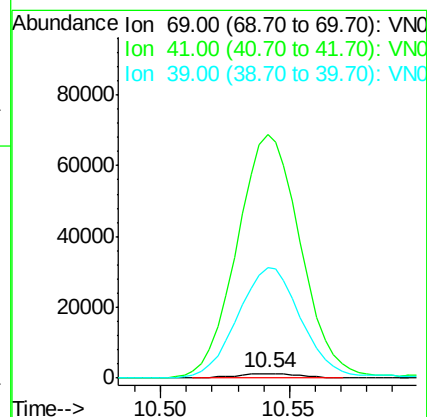
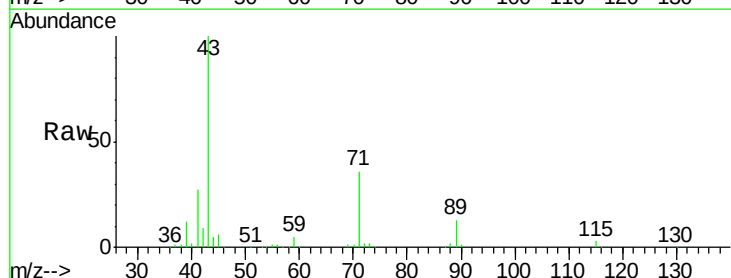
Tgt Ion: 69 Resp: 2188

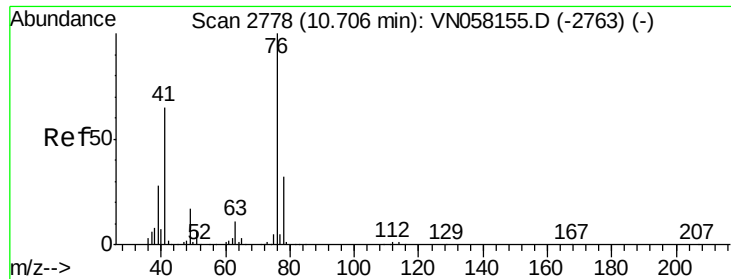
Ion Ratio Lower Upper

69 100

41 5443.5 57.5 86.3#

39 2484.6 36.1 54.1#

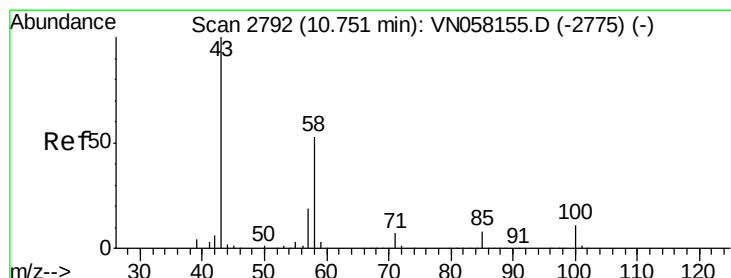
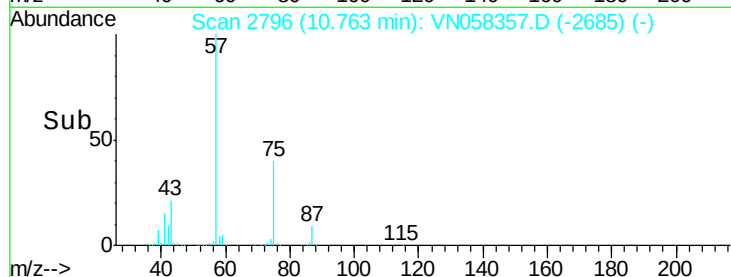
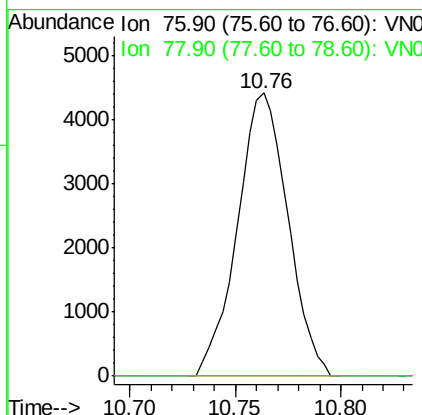
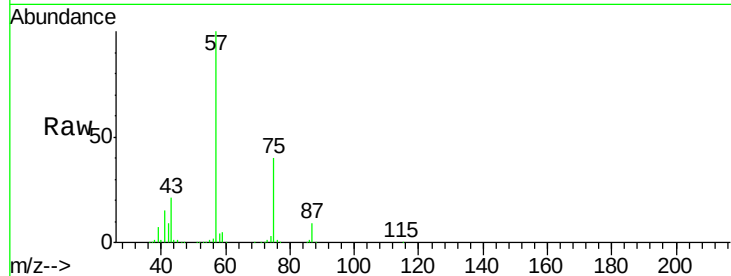




#57
 1,3-Dichloropropane
 Concen: 0.890 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

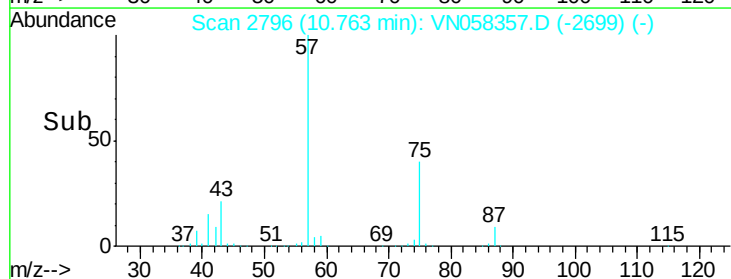
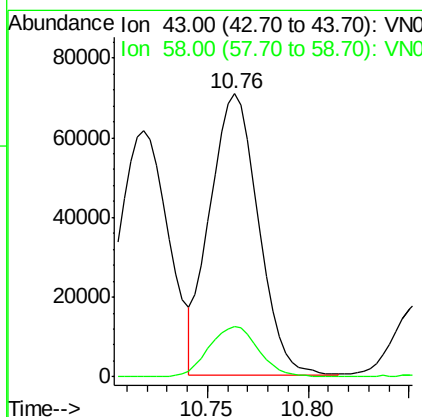
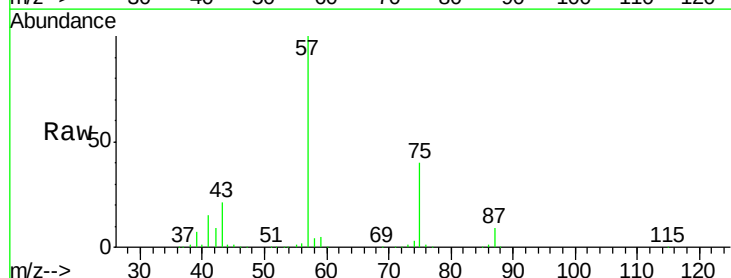
Instrument :
 MSVOA_N
 ClientSampleId :
 PB123365TB

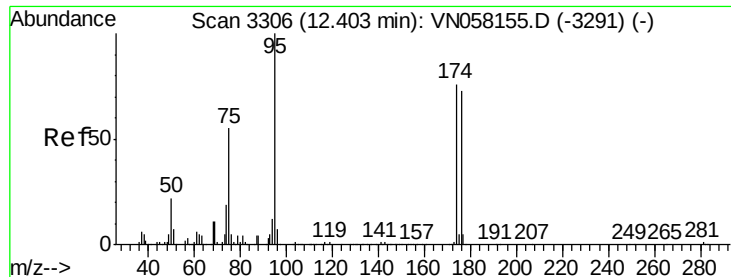
Tot Ion: 76 Resp: 7343
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#



#59
 2-Hexanone
 Concen: 27.167 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

Tgt Ion: 43 Resp: 117418
 Ion Ratio Lower Upper
 43 100
 58 18.6 26.0 78.0#





#62

4-Bromofluorobenzene

Concen: 47.086 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampled :

PB123365TB

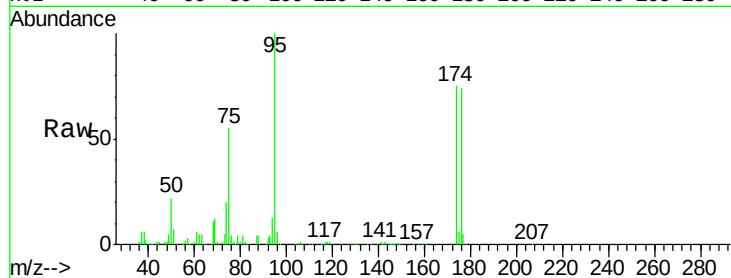
Tot Ion: 95 Resp: 324742

Ion Ratio Lower Upper

95 100

174 75.0 0.0 152.2

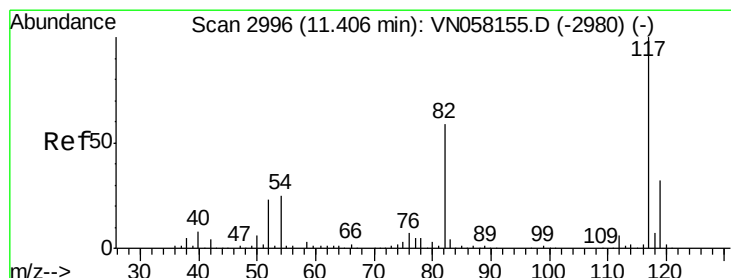
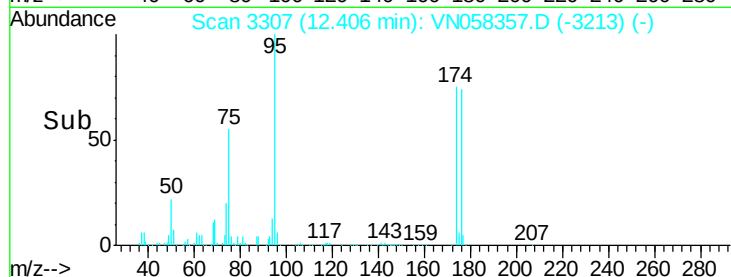
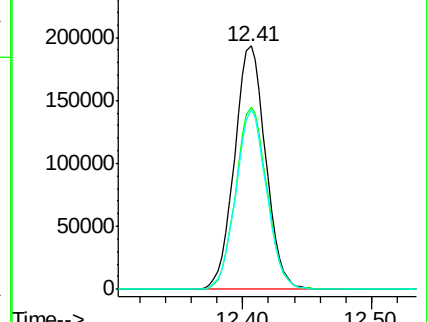
176 72.9 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

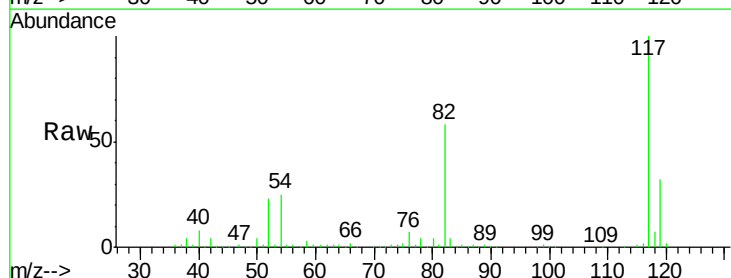
Tgt Ion: 117 Resp: 682630

Ion Ratio Lower Upper

117 100

82 58.0 46.9 70.3

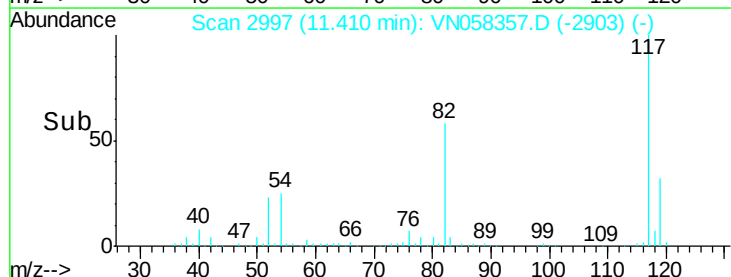
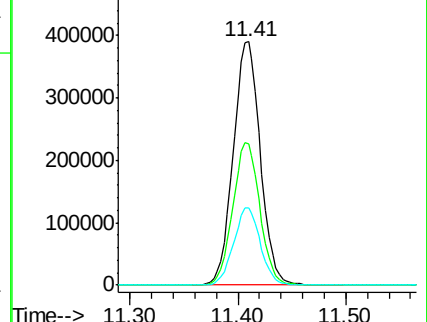
119 31.8 25.3 37.9

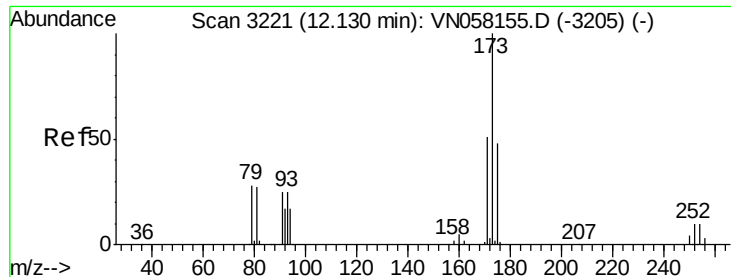


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)





#71

Bromoform

Concen: 3.770 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

PB123365TB

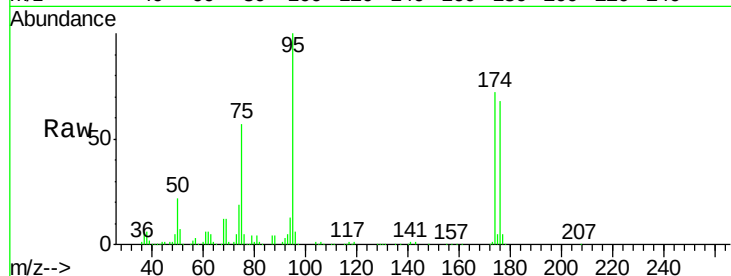
Tot Ion:173 Resp: 610

Ion Ratio Lower Upper

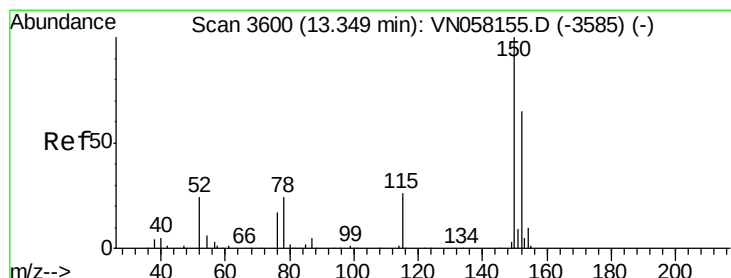
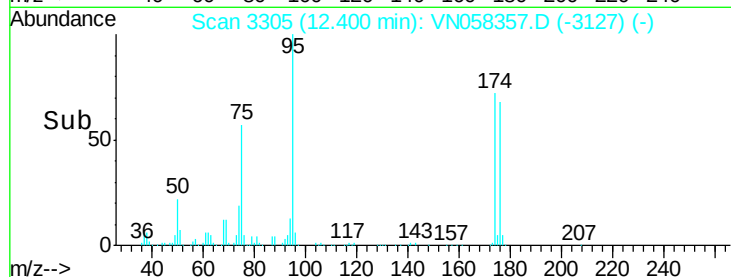
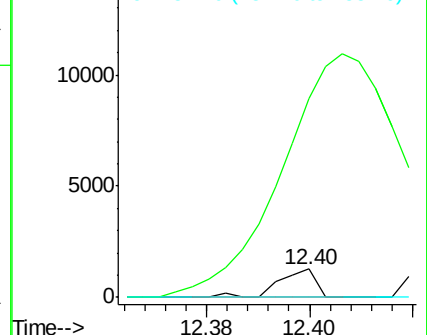
173 100

175 2470.2 24.2 72.6#

254 0.0 0.1 0.1#



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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

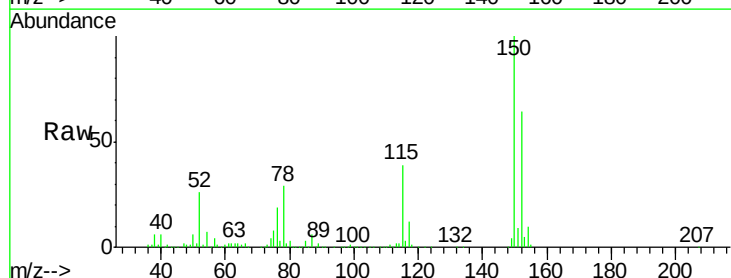
Tgt Ion:152 Resp: 278491

Ion Ratio Lower Upper

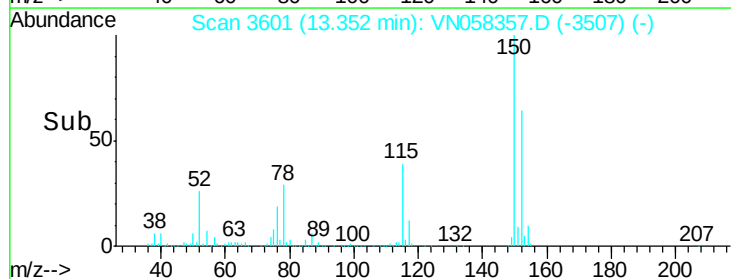
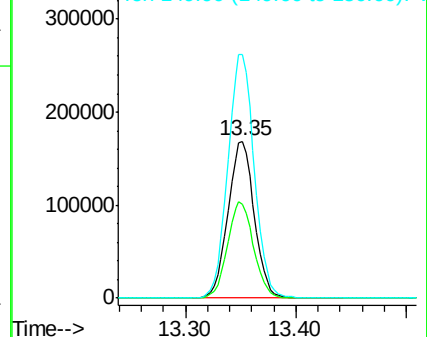
152 100

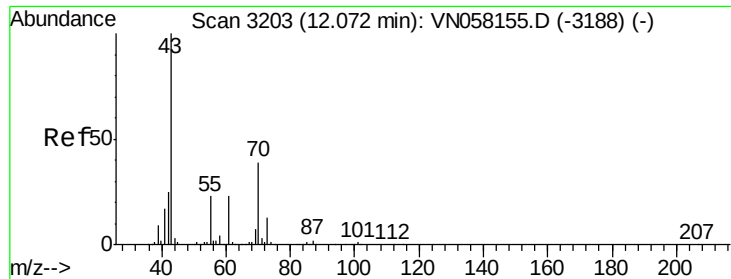
115 60.7 30.1 90.3

150 156.1 0.0 346.4



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





#74

N-amvl acetate

Concen: 0.313 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

PB123365TB

Tot Ion: 43 Resp: 2283

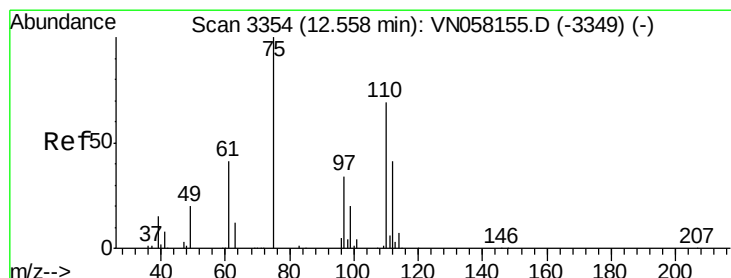
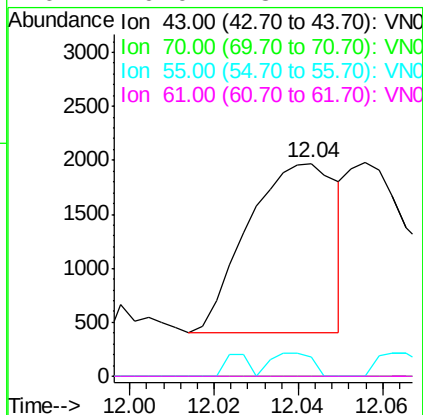
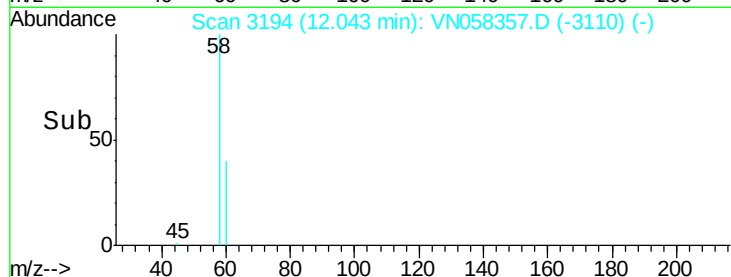
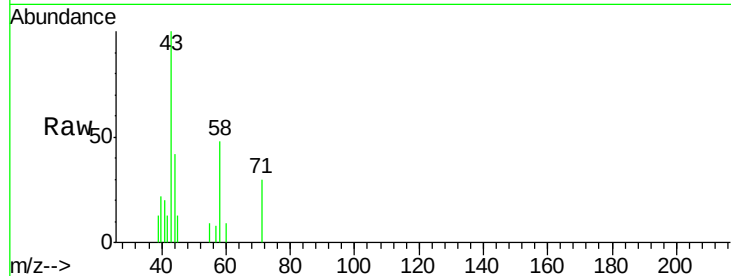
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 6.5 18.5 27.7#

61 0.0 18.2 27.2#



#76

1,2,3-Trichloropropane

Concen: 36.380 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058357.D

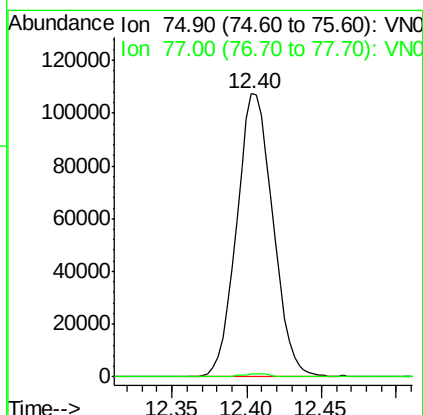
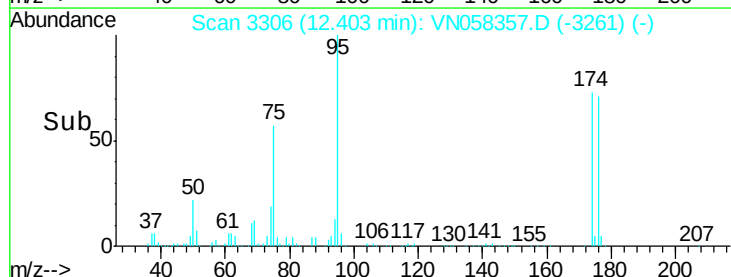
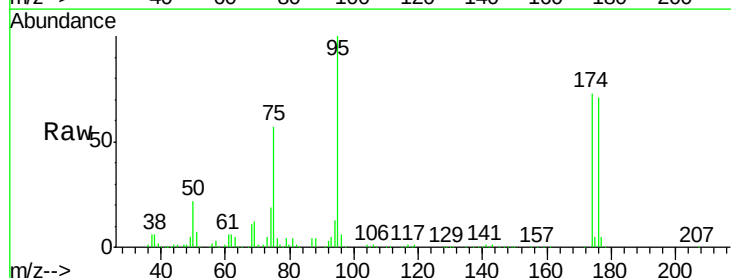
Acq: 25 Sep 2019 11:30

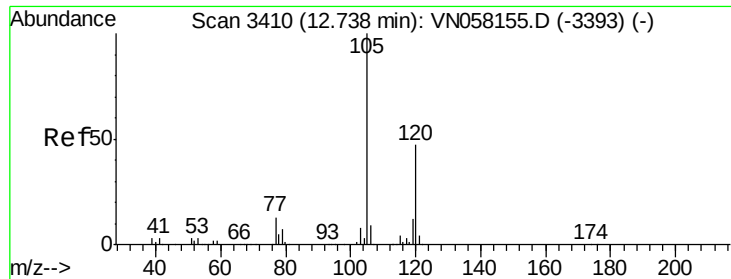
Tgt Ion: 75 Resp: 181324

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#

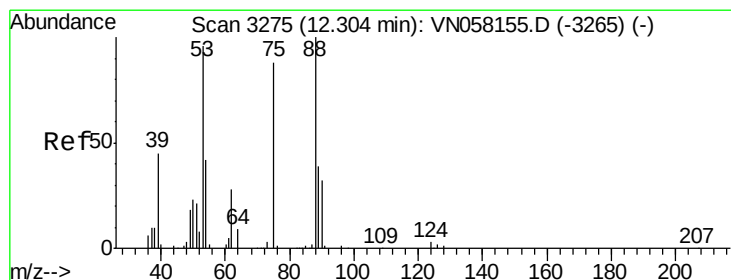
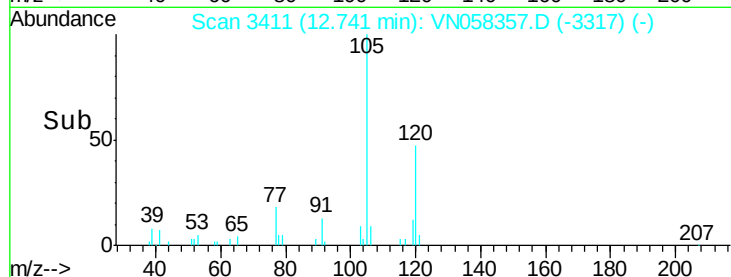
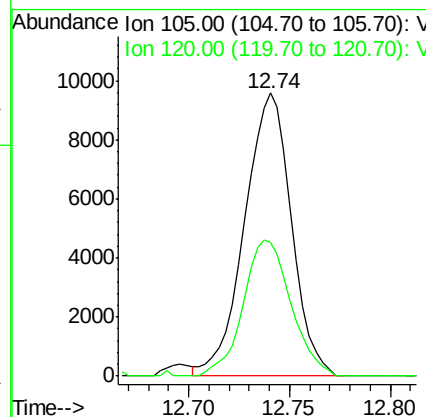
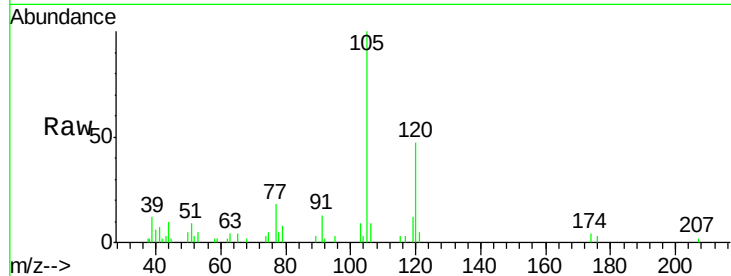




#80
 1,3,5-Trimethylbenzene
 Concen: 1.056 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

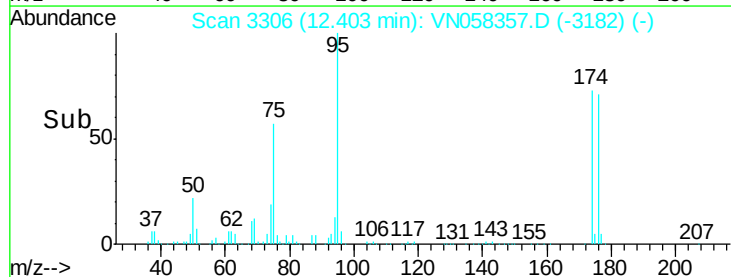
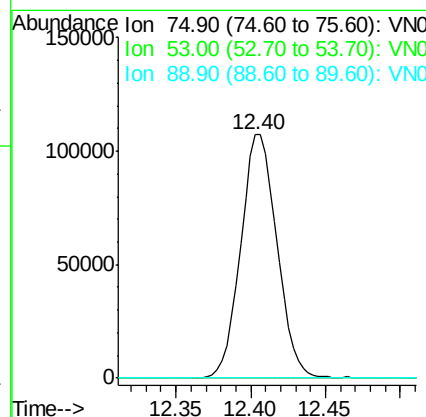
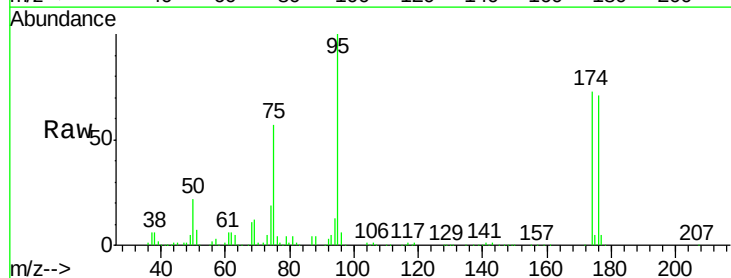
Instrument :
 MSVOA_N
 ClientSampled :
 PB123365TB

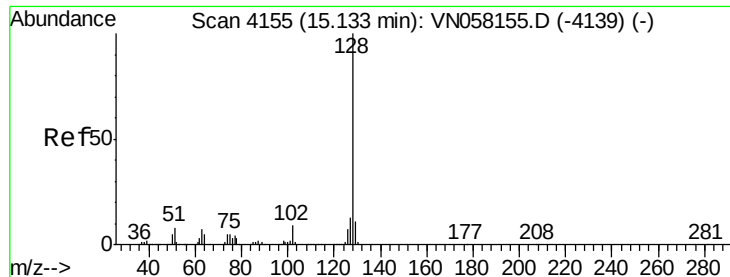
Tot Ion:105 Resp: 15571
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.541 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058357.D
 Acq: 25 Sep 2019 11:30

Tgt Ion: 75 Resp: 181324
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 36.2 54.2#





#95

Naphthalene

Concen: 0.396 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

PB123365TB

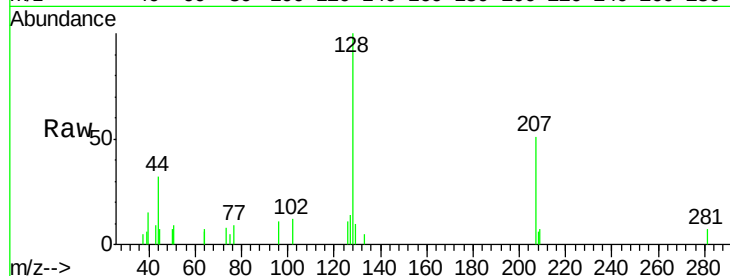
Tot Ion:128 Resp: 5271

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.2

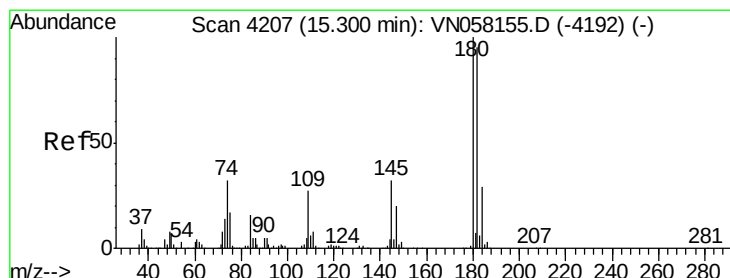
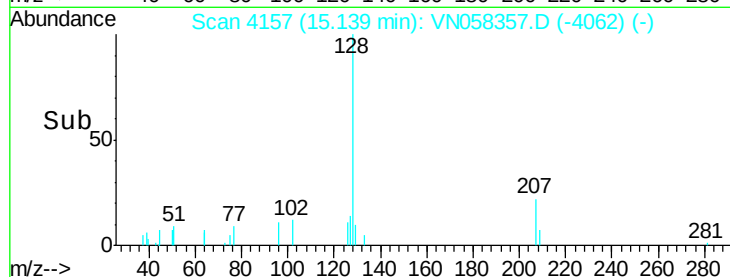
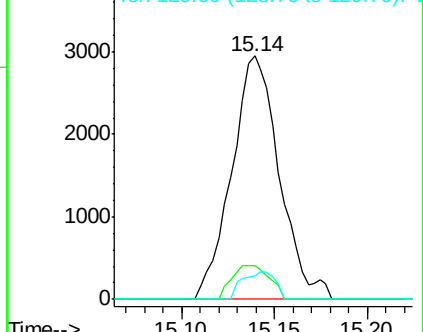
129 7.8 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.215 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058357.D

Acq: 25 Sep 2019 11:30

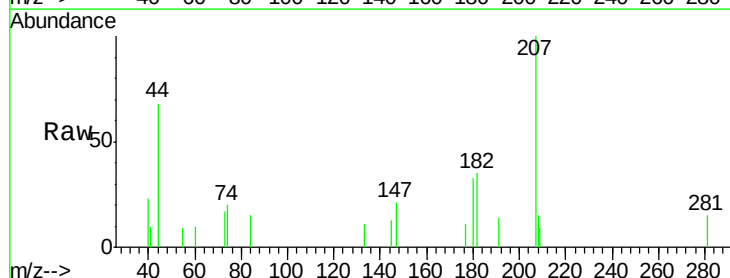
Tgt Ion:180 Resp: 1042

Ion Ratio Lower Upper

180 100

182 101.3 47.4 142.2

145 15.7 16.1 48.2#



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

