

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058377.D
 Acq On : 26 Sep 2019 12:01
 Operator : JC/SP
 Sample : PB123388TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123388TB

Quant Time: Sep 27 02:33:20 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	451025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	732757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	642865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	322909	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	7.57	113	225692	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.08	98	923262	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.41	95	296732	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	

Target Compounds

					Qvalue
3) Chloromethane	2.04	50	505	Below Cal	# 88
4) Vinyl Chloride	2.43	62	65	Below Cal	# 1
5) Bromomethane	2.55	94	279	0.889 ug/l	# 68
6) Chloroethane	2.68	64	32	Below Cal	# 44
11) Tert butyl alcohol	4.74	59	161	0.215 ug/l	# 71
16) Acetone	3.80	43	11861	5.562 ug/l	95
17) Carbon Disulfide	4.02	76	1068	0.544 ug/l	# 74
18) Methyl Acetate	4.32	43	5295	0.944 ug/l	# 77
20) Methylene Chloride	4.54	84	39256	10.339 ug/l	94
25) 2-Butanone	6.83	43	829	0.285 ug/l	# 51
29) Tetrahydrofuran	7.18	42	543	0.303 ug/l	# 35
31) Cyclohexane	7.64	56	11794	Below Cal	# 26
36) 1,1-Dichloropropene	7.65	75	38016	7.194 ug/l	# 52
38) Carbon Tetrachloride	7.65	117	46291	8.715 ug/l	# 15
41) Methacrylonitrile	7.18	41	58	0.932 ug/l	# 100
43) Isopropyl Acetate	8.15	43	108568	10.600 ug/l	# 91
45) 1,2-Dichloropropane	9.26	63	2300	0.477 ug/l	# 45
48) Methyl methacrylate	9.17	41	6407	1.378 ug/l	# 14
49) 1,4-Dioxane	9.19	88	65	0.851 ug/l	# 1
51) 4-Methyl-2-Pentanone	9.98	43	8519	1.566 ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	45583	6.565 ug/l	# 67
57) 1,3-Dichloropropane	10.76	76	7236	0.938 ug/l	# 43
59) 2-Hexanone	10.76	43	123179	30.488 ug/l	# 55
71) Bromoform	12.41	173	1736	4.125 ug/l	# 1
74) N-amyl acetate	12.06	43	3668	0.542 ug/l	# 45
76) 1,2,3-Trichloropropane	12.41	75	165110	35.688 ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.74	105	15746	1.151 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.41	75	165110	99.718 ug/l	# 5
89) n-Butylbenzene	13.63	91	3219	0.239 ug/l	89
93) 1,2,4-Trichlorobenzene	14.92	180	3822	0.802 ug/l	93
95) Naphthalene	15.14	128	15902	1.288 ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	4368	0.970 ug/l	98

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

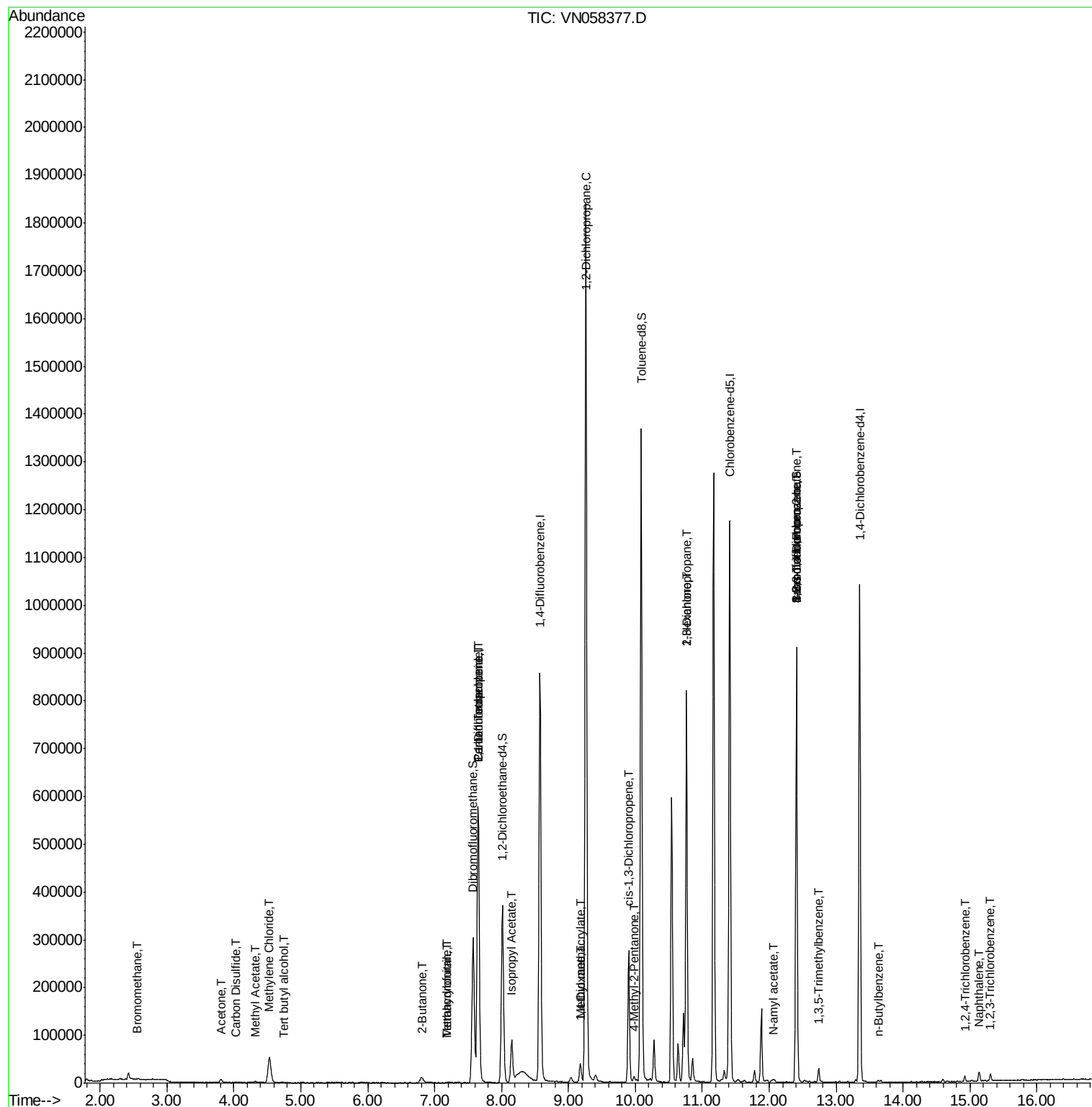
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

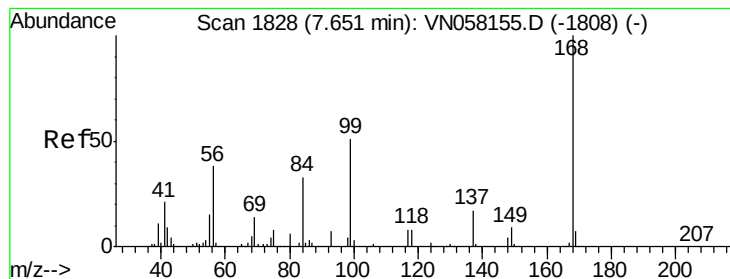
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
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Quant Time: Sep 27 02:33:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

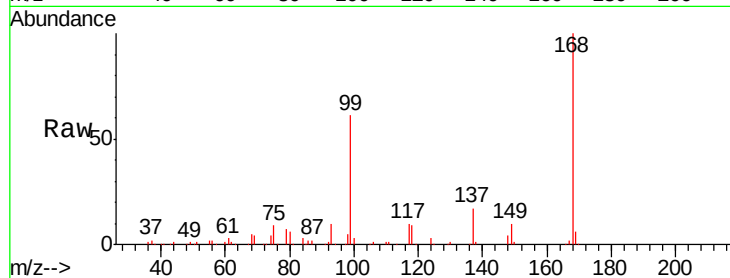
PB123388TB

Tgt Ion:168 Resp: 451025

Ion Ratio Lower Upper

168 100

99 61.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

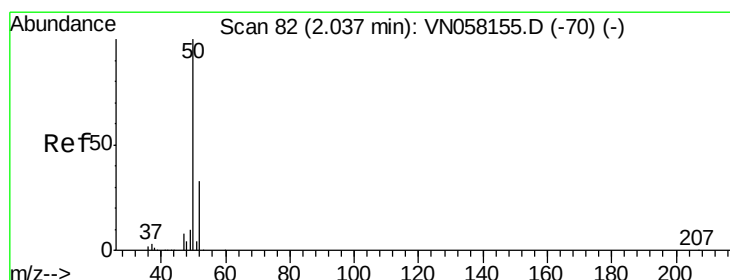
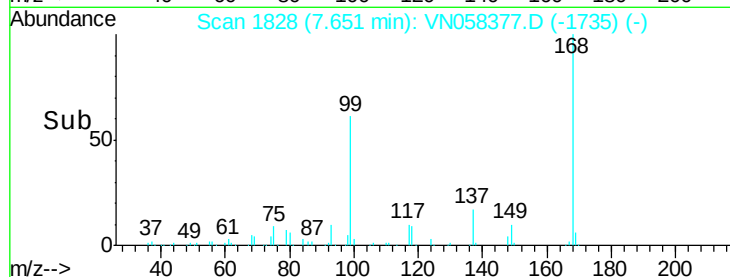
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058377.D

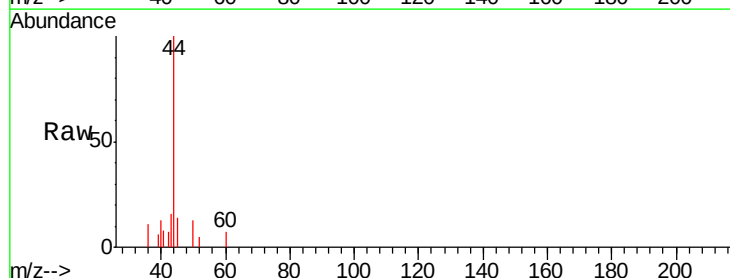
Acq: 26 Sep 2019 12:01

Tgt Ion: 50 Resp: 505

Ion Ratio Lower Upper

50 100

52 39.5 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

500

400

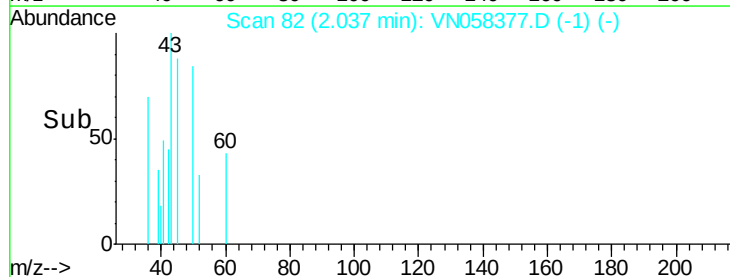
300

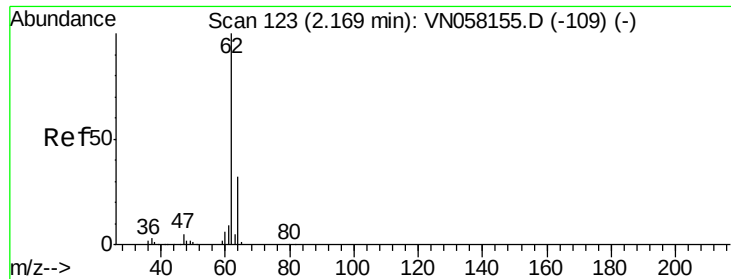
200

100

0

Time--> 2.00 2.02 2.04 2.06





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.43 min Scan# 205

Delta R.T. 0.26 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

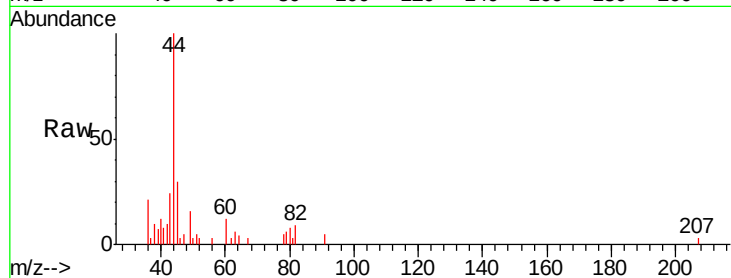
PB123388TB

Tgt Ion: 62 Resp: 65

Ion Ratio Lower Upper

62 100

64 110.2 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

400

300

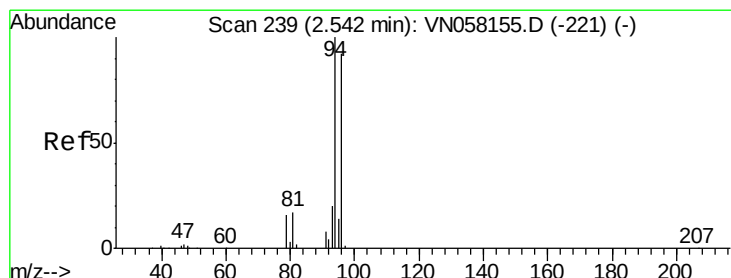
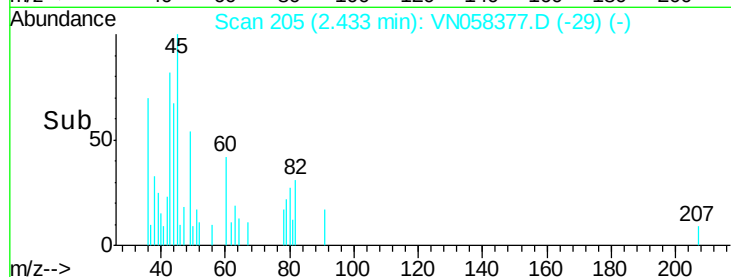
200

100

0

2.42 2.43 2.44

Time-->



#5

Bromomethane

Concen: 0.889 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN058377.D

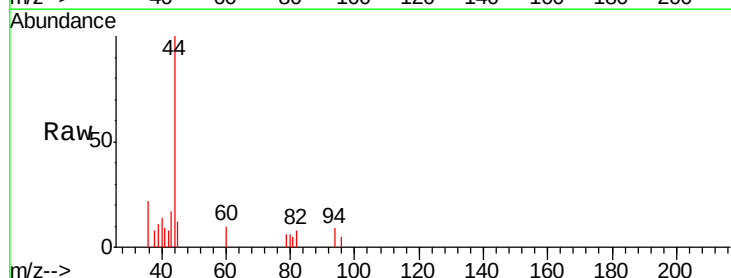
Acq: 26 Sep 2019 12:01

Tgt Ion: 94 Resp: 279

Ion Ratio Lower Upper

94 100

96 61.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

500

400

300

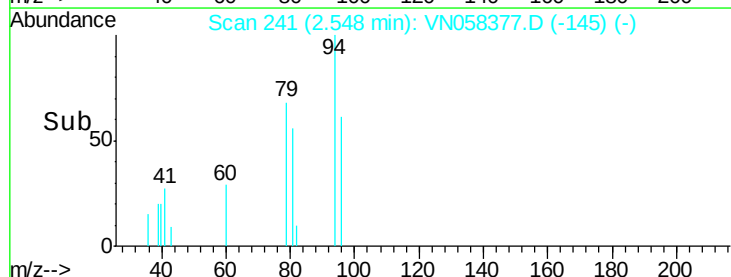
200

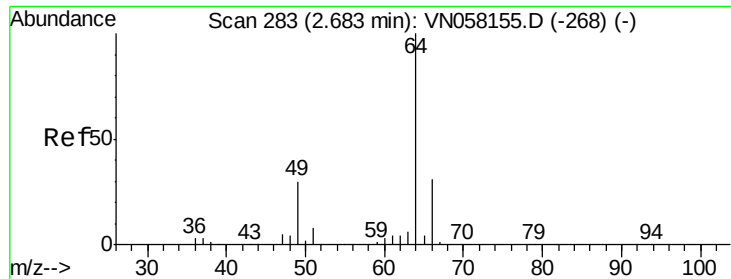
100

0

2.53 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: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

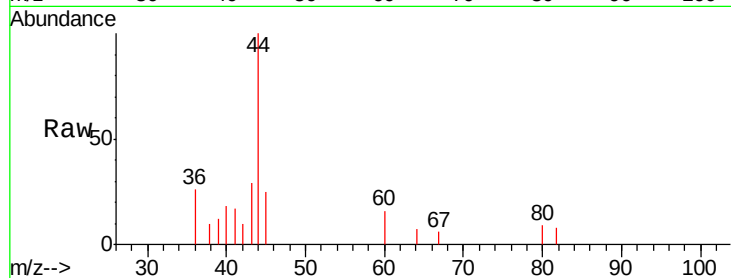
PB123388TB

Tgt Ion: 64 Resp: 32

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

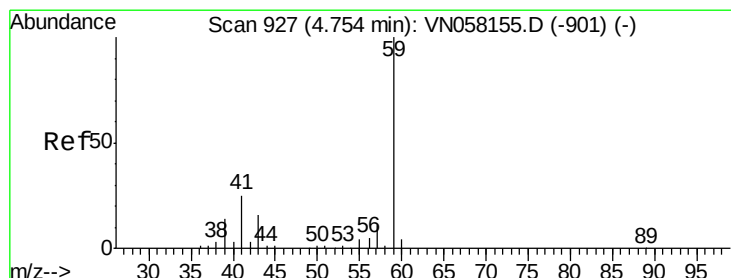
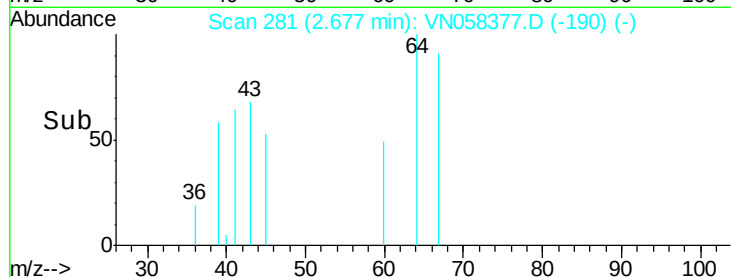
150

100

50

0

Time--> 2.67 2.67 2.68 2.69



#11

Tert butyl alcohol

Concen: 0.215 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN058377.D

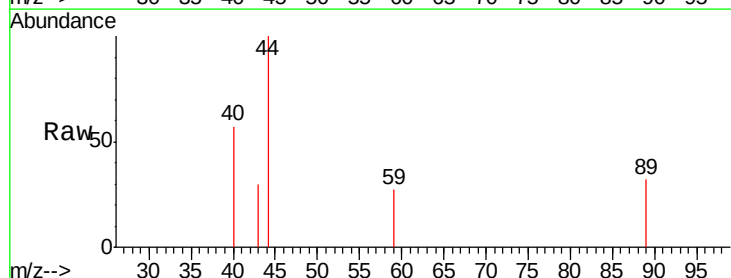
Acq: 26 Sep 2019 12:01

Tgt Ion: 59 Resp: 161

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

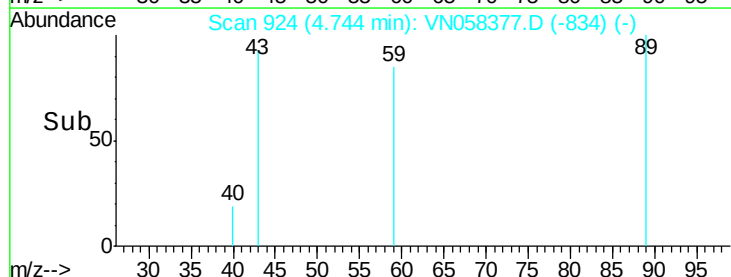
300

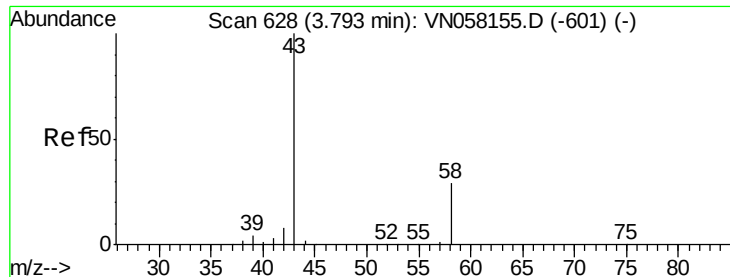
200

100

0

Time--> 4.74 4.75 4.76





#16

Acetone

Concen: 5.562 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

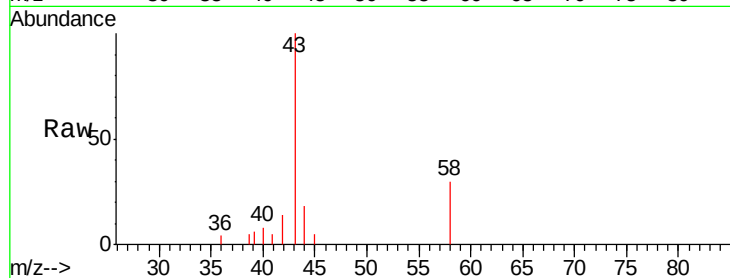
PB123388TB

Tgt Ion: 43 Resp: 11861

Ion Ratio Lower Upper

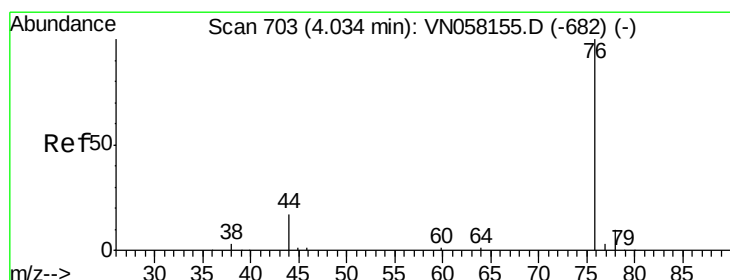
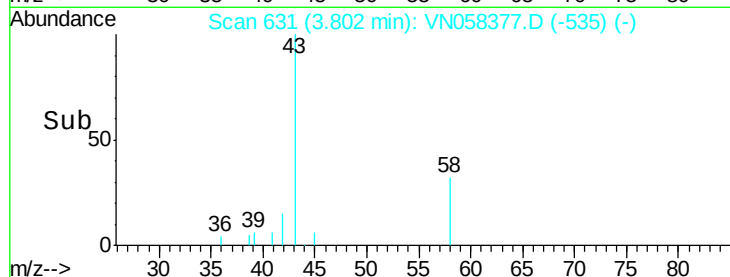
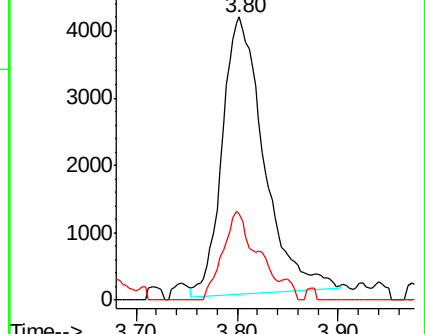
43 100

58 31.7 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.544 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.01 min

Lab File: VN058377.D

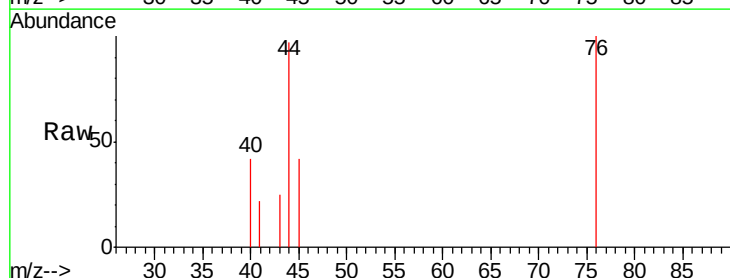
Acq: 26 Sep 2019 12:01

Tgt Ion: 76 Resp: 1068

Ion Ratio Lower Upper

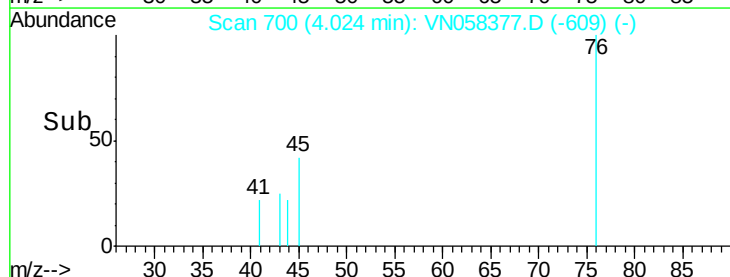
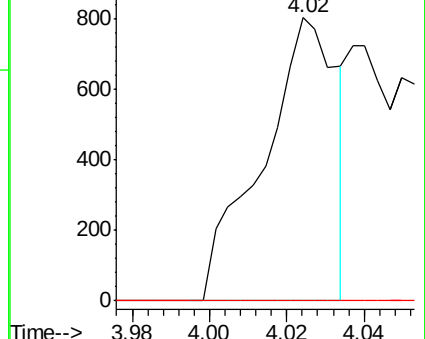
76 100

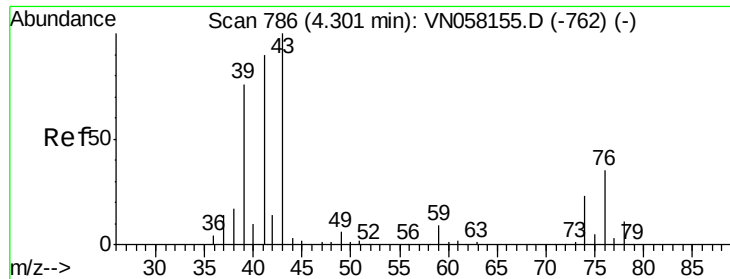
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

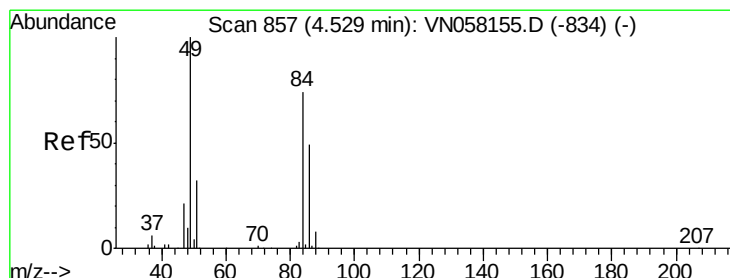
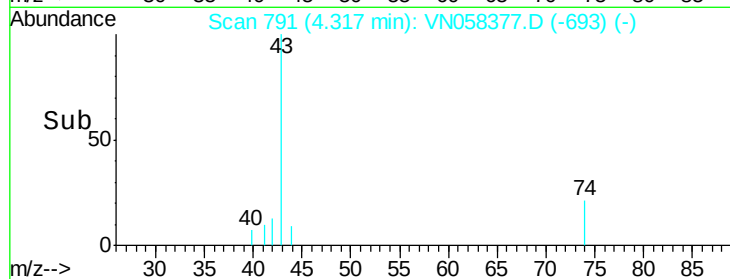
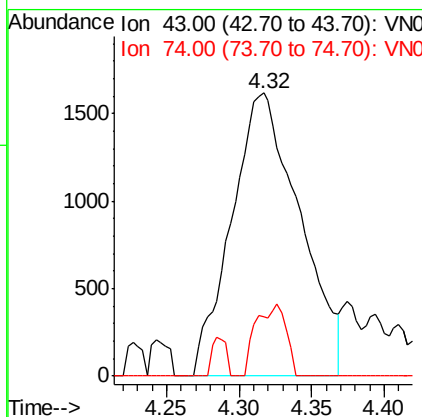
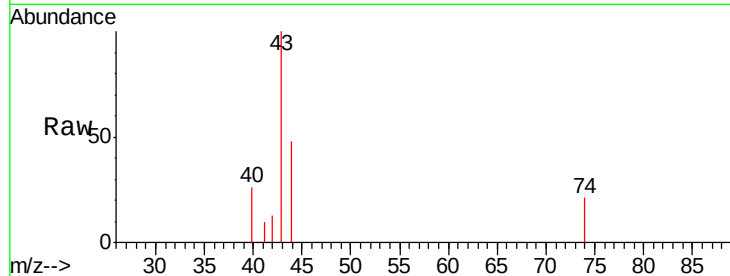




#18
Methyl Acetate
Concen: 0.944 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.02 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

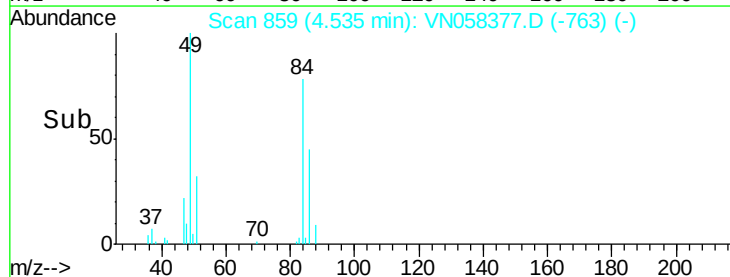
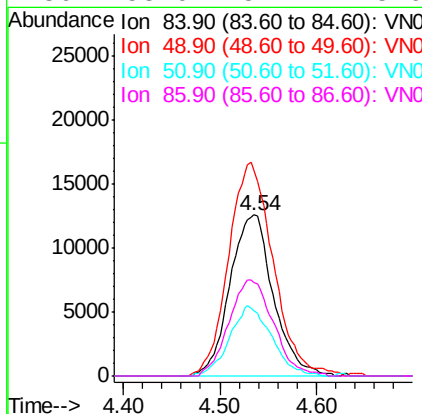
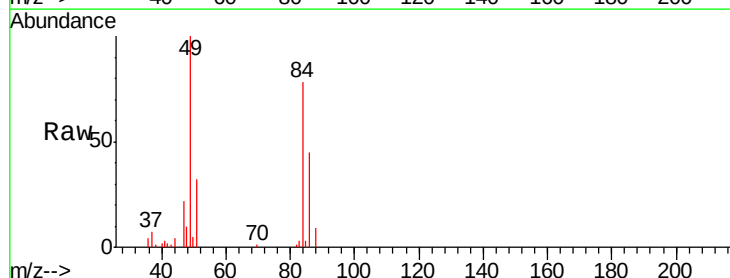
Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

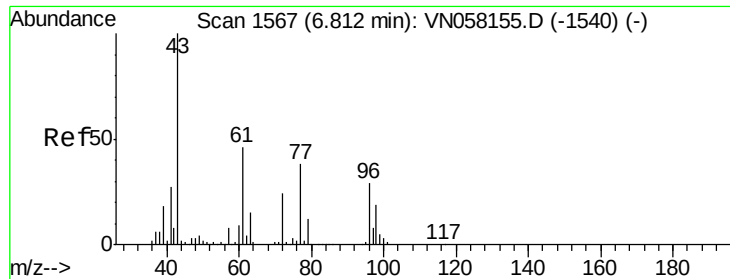
Tgt Ion: 43 Resp: 5295
Ion Ratio Lower Upper
43 100
74 11.2 18.0 27.0#



#20
Methylene Chloride
Concen: 10.339 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 84 Resp: 39256
Ion Ratio Lower Upper
84 100
49 128.1 107.5 161.3
51 40.8 33.9 50.9
86 58.0 52.4 78.6





#25

2-Butanone

Concen: 0.285 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampled :

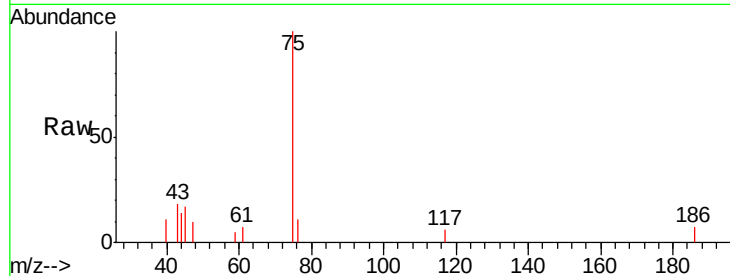
PB123388TB

Tgt Ion: 43 Resp: 829

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

6.83

600

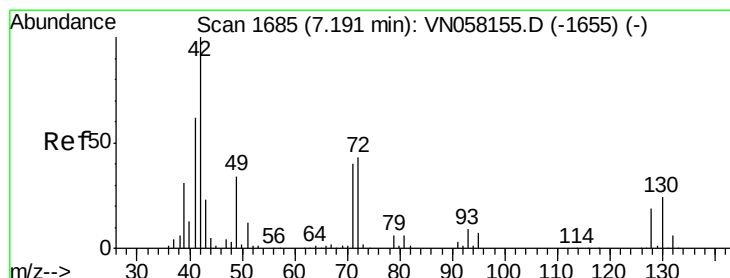
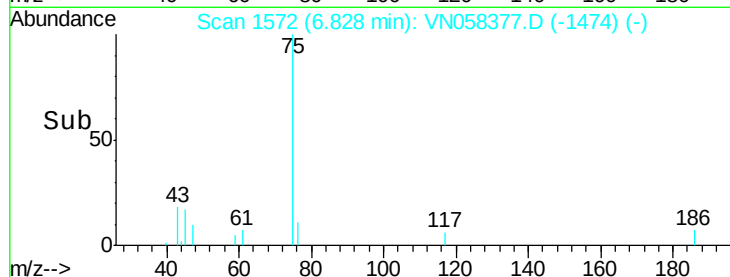
400

200

0

6.80 6.85

Time-->



#29

Tetrahydrofuran

Concen: 0.303 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

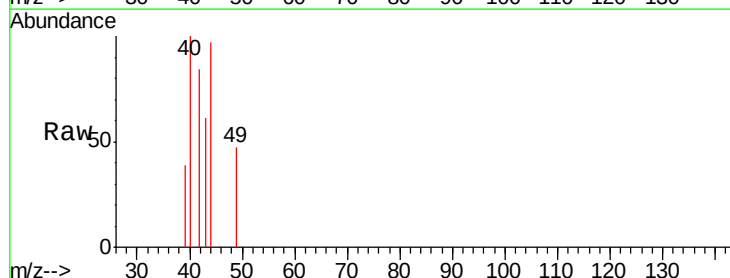
Tgt Ion: 42 Resp: 543

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

71 0.0 31.4 47.0#



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

600

500

400

300

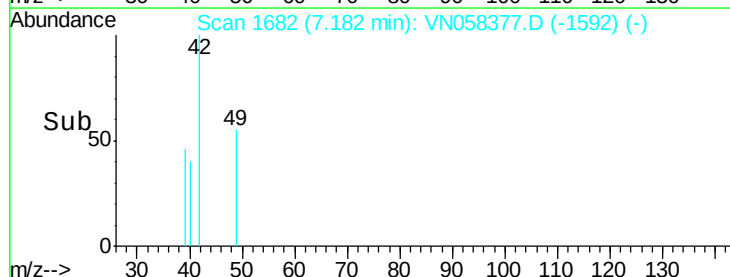
200

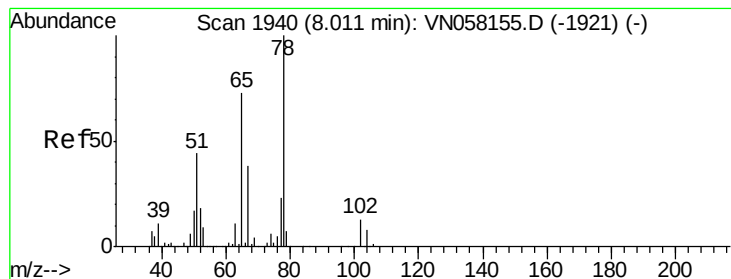
100

0

7.16 7.18 7.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.403 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

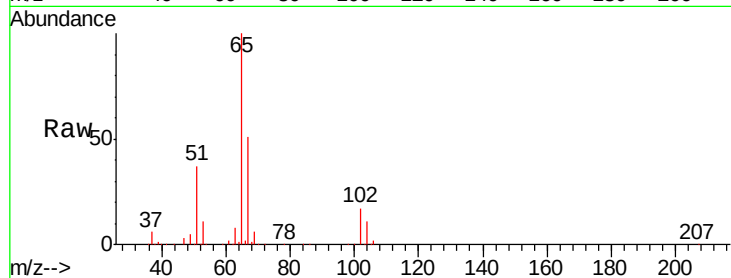
PB123388TB

Tgt Ion: 65 Resp: 322909

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

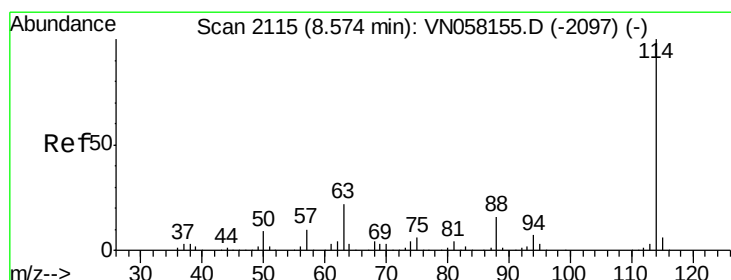
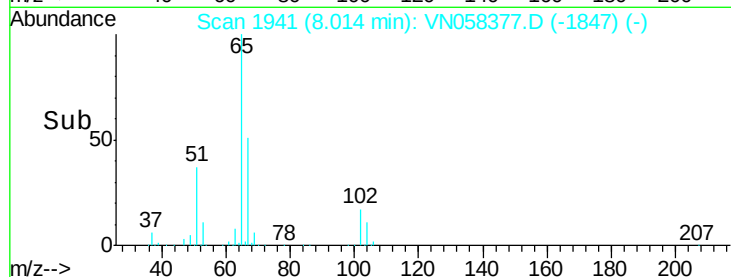
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

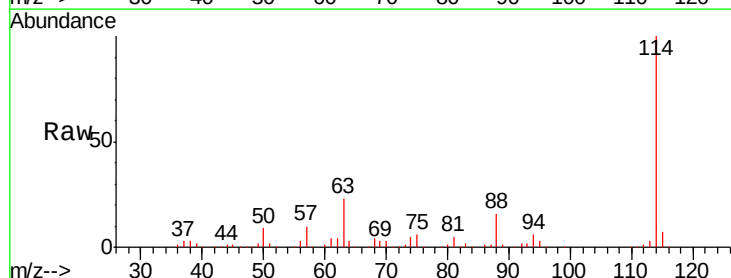
Tgt Ion: 114 Resp: 732757

Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.2

88 16.1 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.57

400000

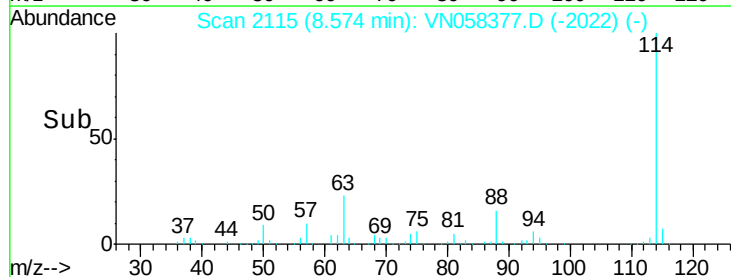
300000

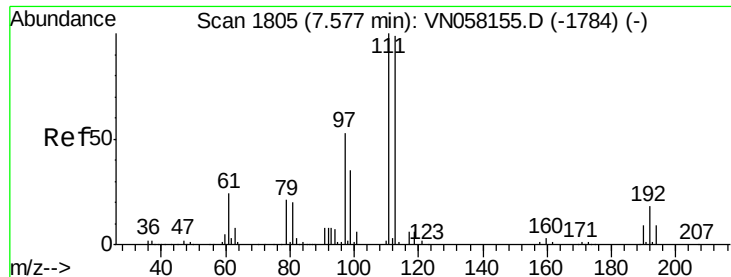
200000

100000

0

Time-->

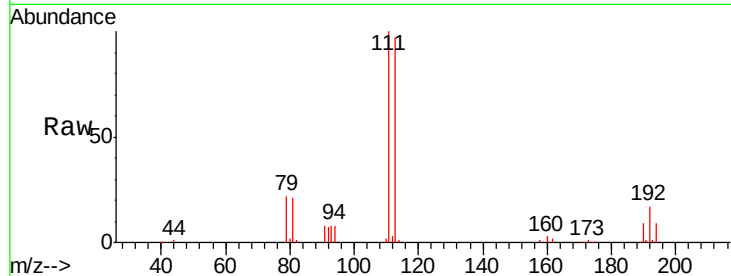




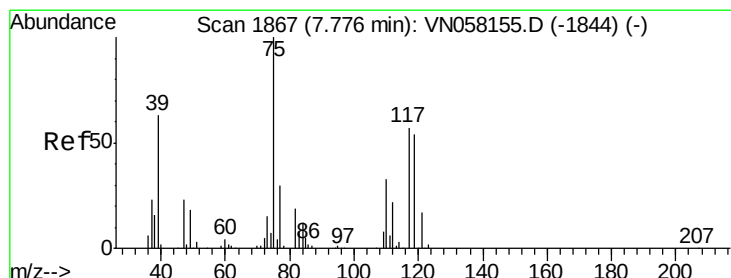
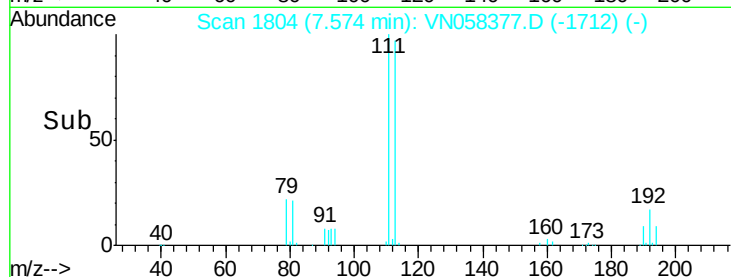
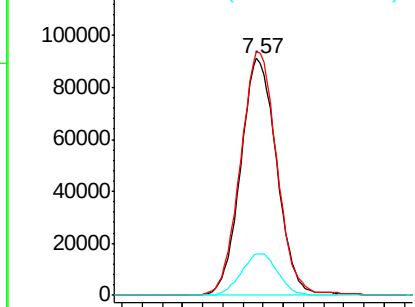
#35
Dibromofluoromethane
Concen: 50.665 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Tgt Ion: 113 Resp: 225692
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 17.8 14.5 21.7

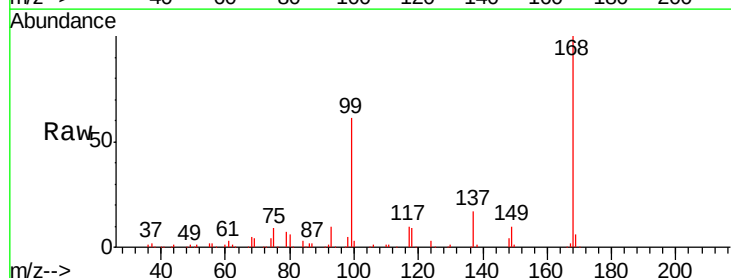


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

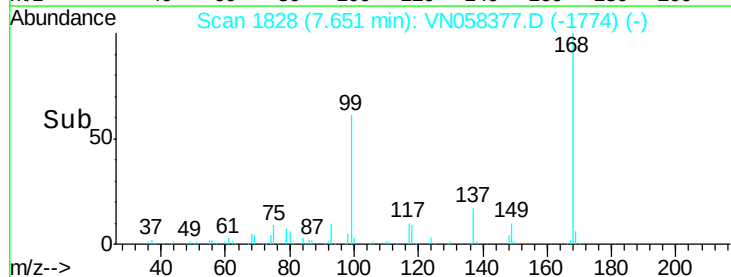
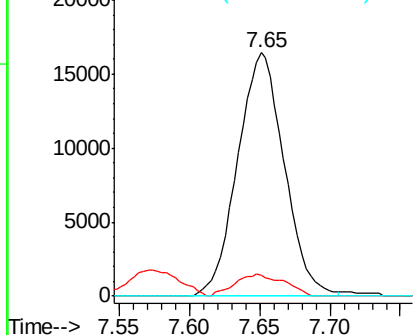


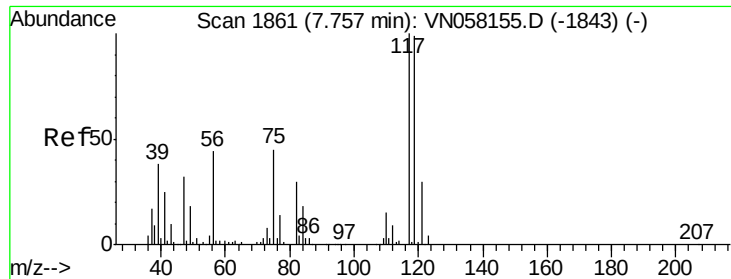
#36
1,1-Dichloropropene
Concen: 7.194 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 75 Resp: 38016
Ion Ratio Lower Upper
75 100
110 9.5 16.6 49.7#
77 0.0 24.3 36.5#



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

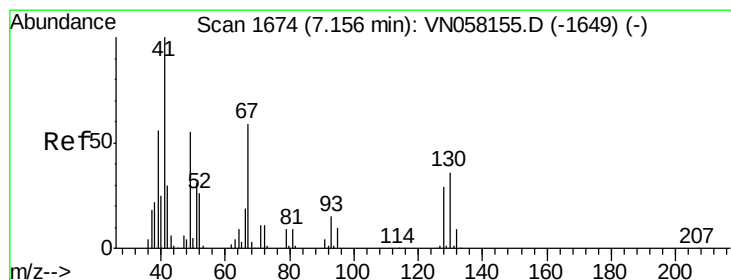
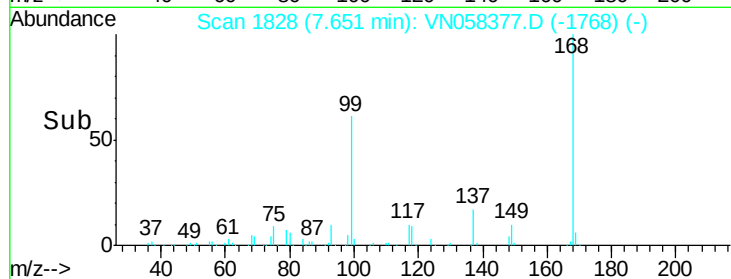
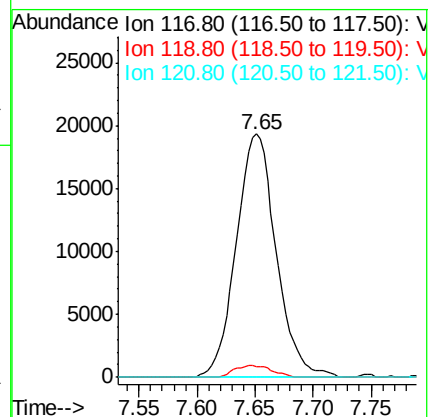
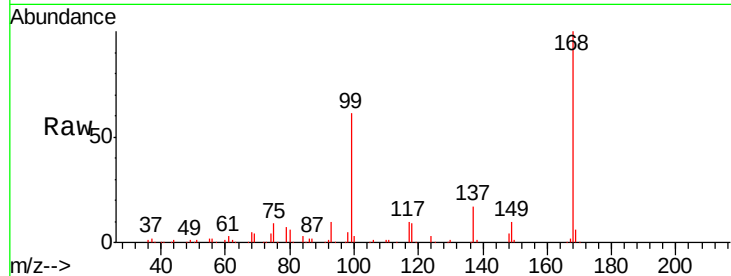




#38
Carbon Tetrachloride
Concen: 8.715 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

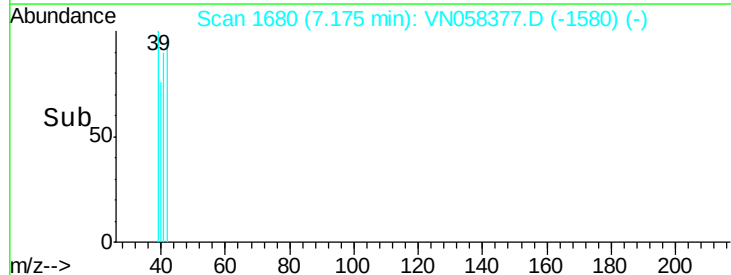
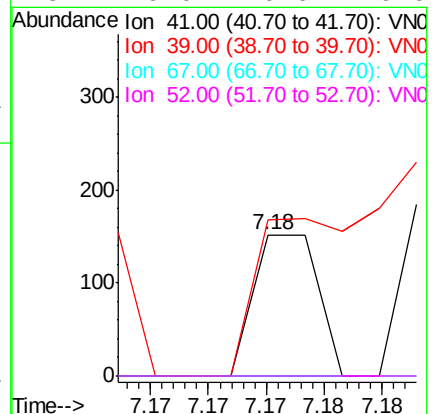
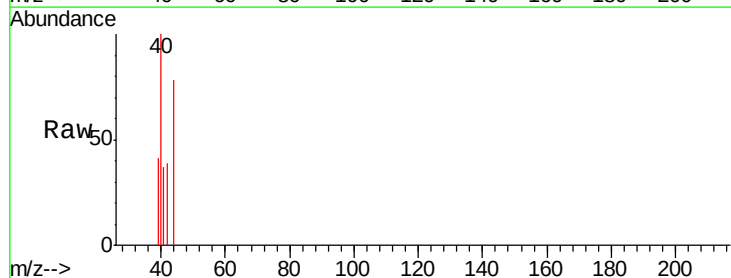
Instrument :
MSVOA_N
ClientSampled :
PB123388TB

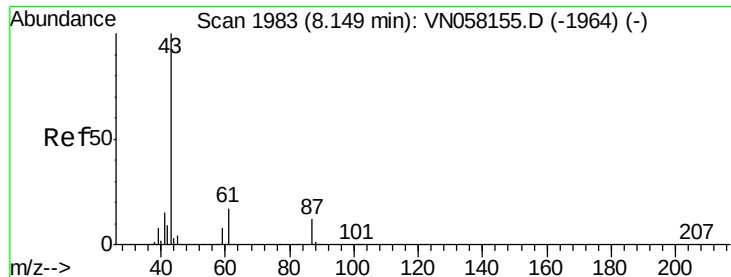
Tgt Ion: 117 Resp: 46291
Ion Ratio Lower Upper
117 100
119 4.6 78.6 117.8#
121 0.0 24.1 36.1#



#41
Methacrylonitrile
Concen: 0.932 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.02 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 41 Resp: 58
Ion Ratio Lower Upper
41 100
39 582.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 10.600 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

PB123388TB

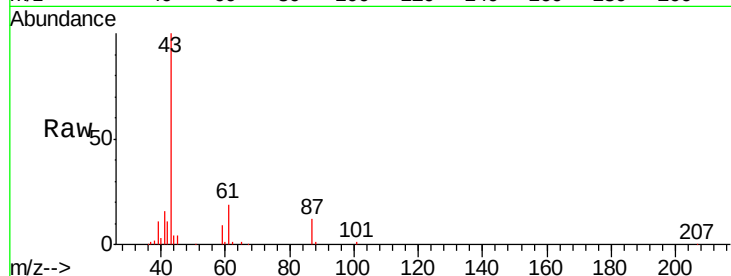
Tgt Ion: 43 Resp: 108568

Ion Ratio Lower Upper

43 100

61 18.3 19.7 29.5#

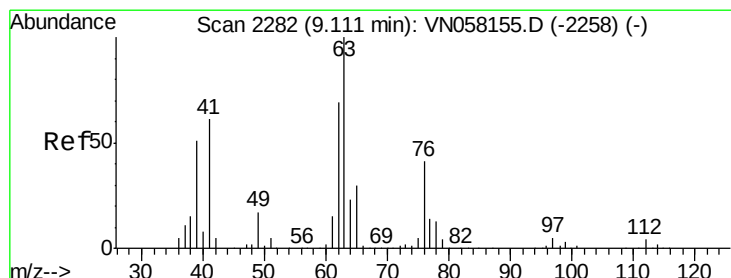
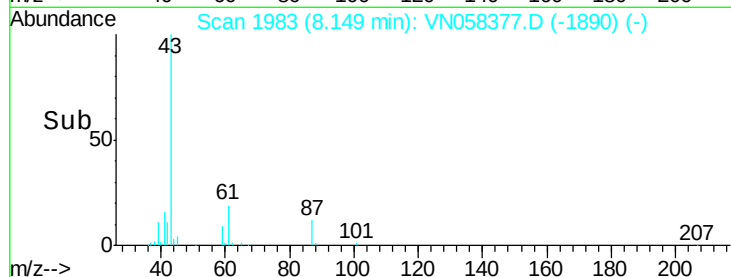
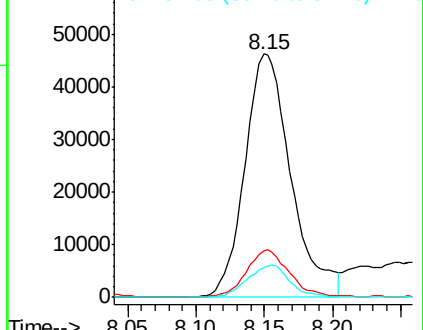
87 12.1 9.4 14.2



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: 0.477 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.14 min

Lab File: VN058377.D

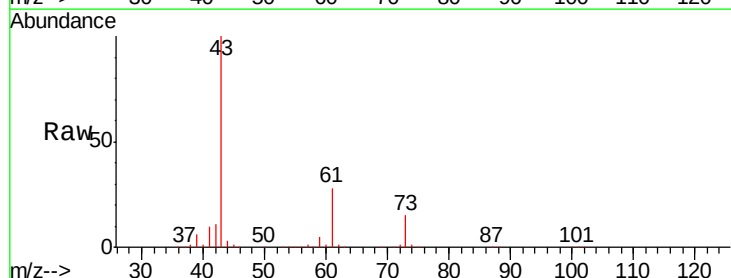
Acq: 26 Sep 2019 12:01

Tgt Ion: 63 Resp: 2300

Ion Ratio Lower Upper

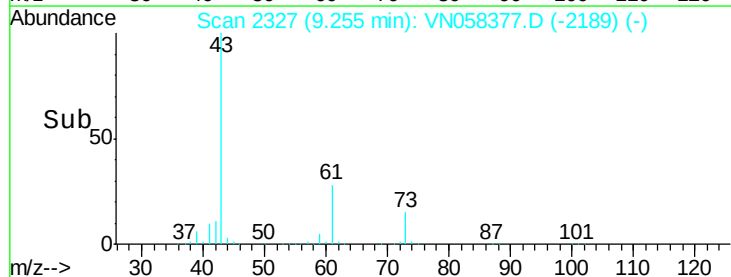
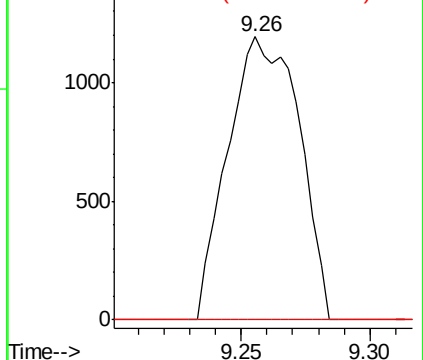
63 100

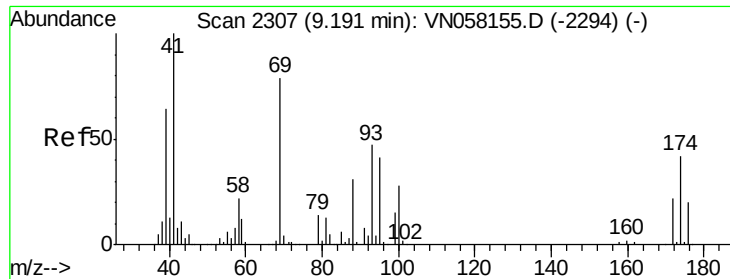
65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

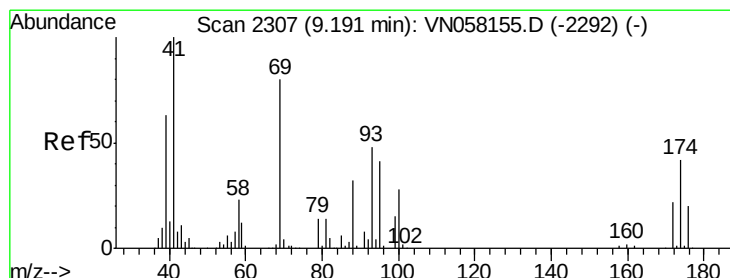
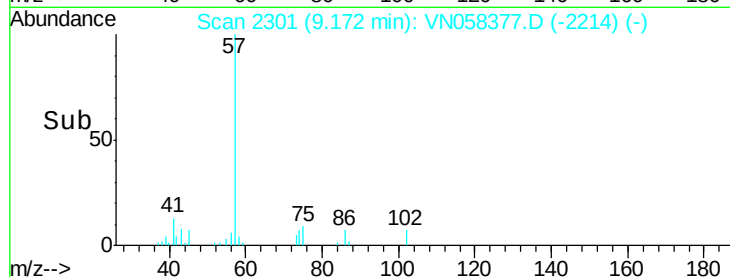
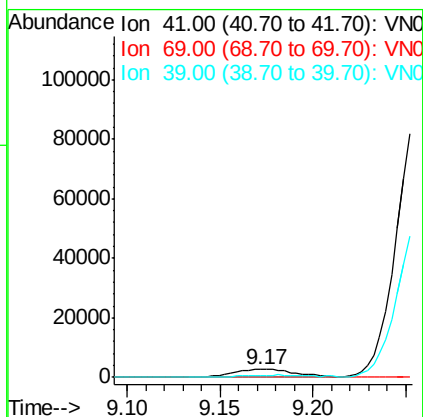
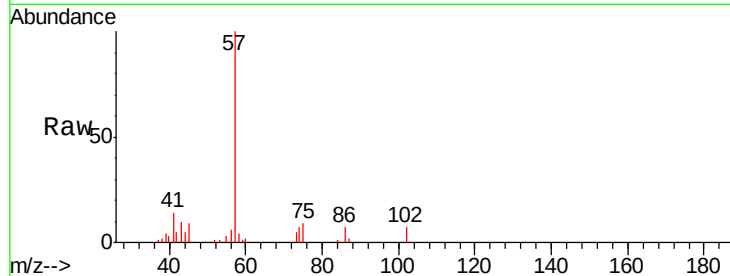




#48
Methyl methacrylate
Concen: 1.378 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

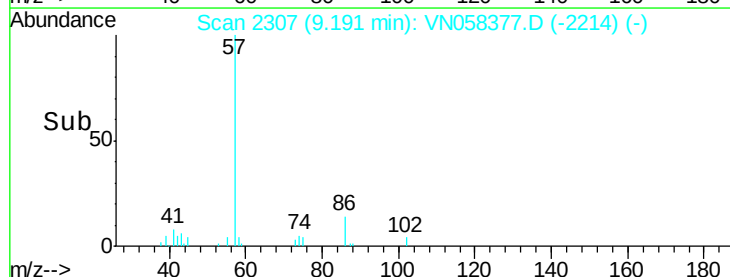
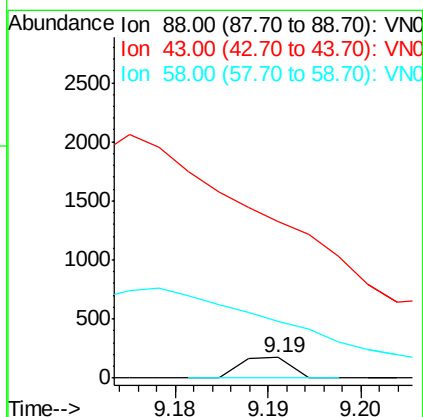
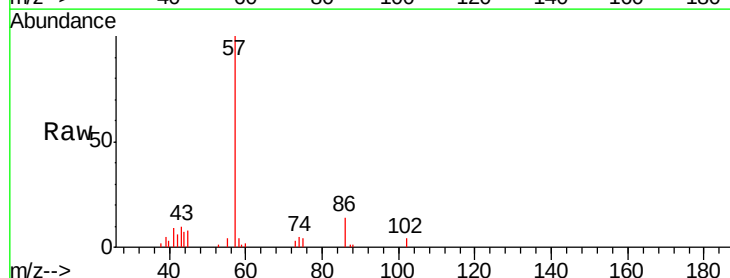
Instrument :
MSVOA_N
ClientSampled :
PB123388TB

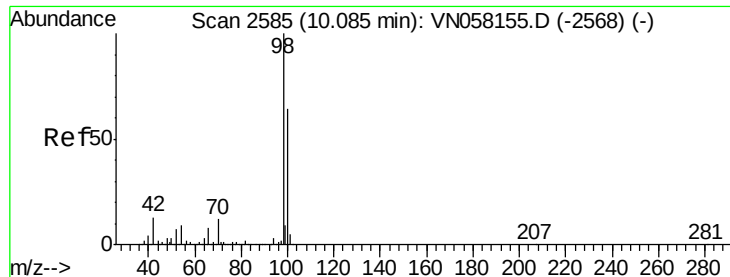
Tgt Ion: 41 Resp: 6407
Ion Ratio Lower Upper
41 100
69 0.0 62.5 93.7#
39 0.0 52.3 78.5#



#49
1,4-Dioxane
Concen: 0.851 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.8#
58 2561.5 55.0 82.4#





#50

Toluene-d8

Concen: 53.196 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampled :

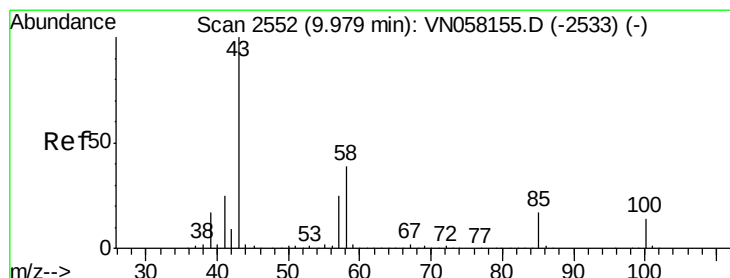
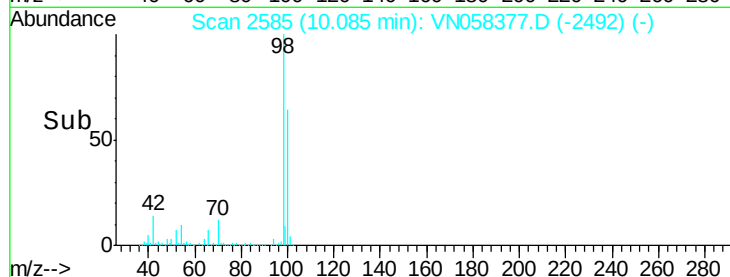
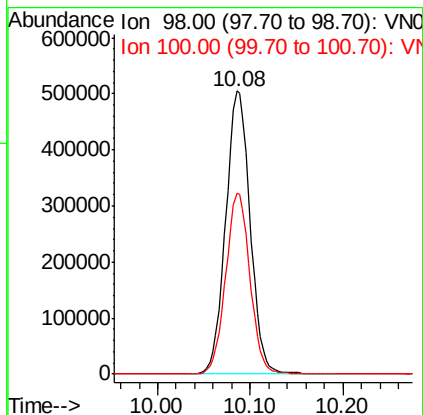
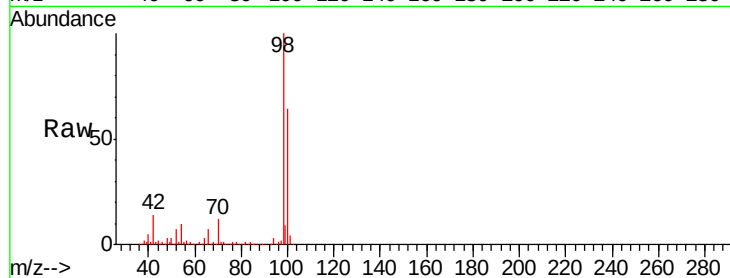
PB123388TB

Tgt Ion: 98 Resp: 923262

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.566 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058377.D

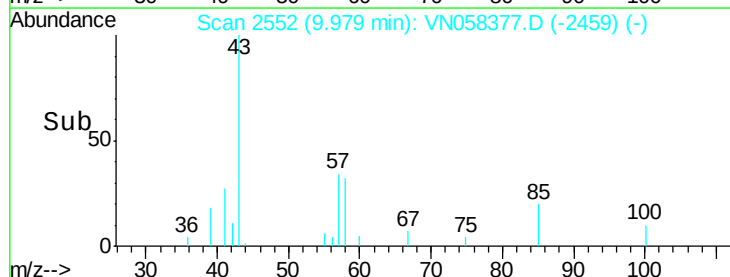
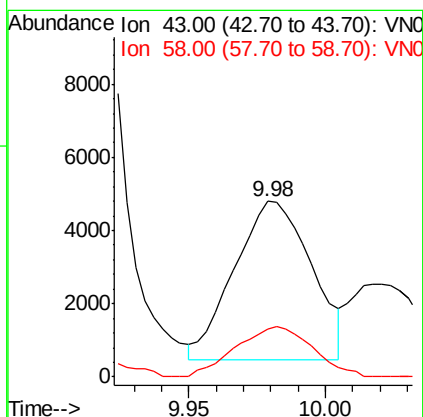
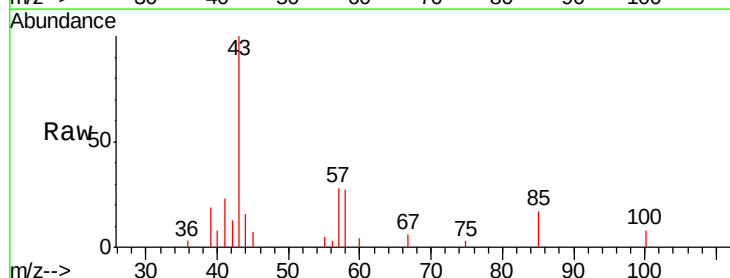
Acq: 26 Sep 2019 12:01

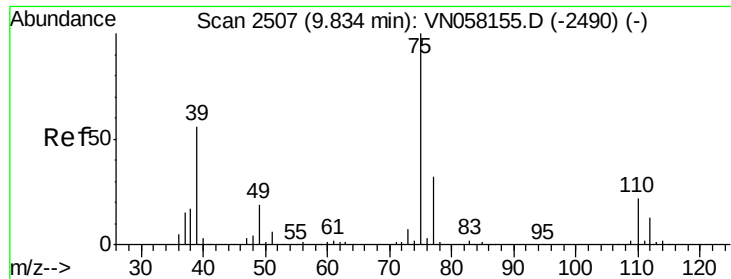
Tgt Ion: 43 Resp: 8519

Ion Ratio Lower Upper

43 100

58 31.6 30.2 45.4





#54

cis-1,3-Dichloropropene

Concen: 6.565 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

PB123388TB

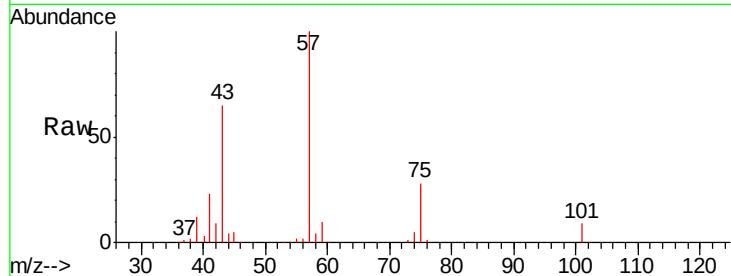
Tgt Ion: 75 Resp: 45583

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

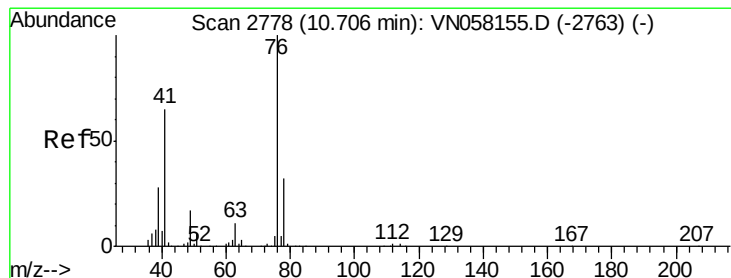
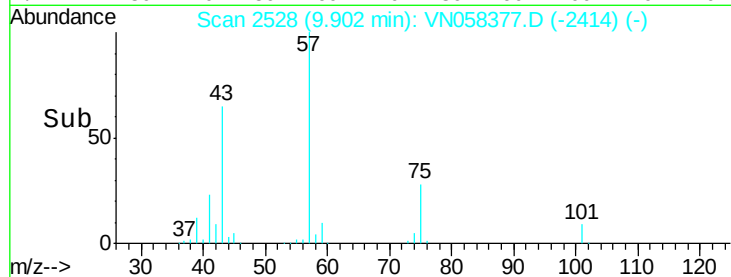
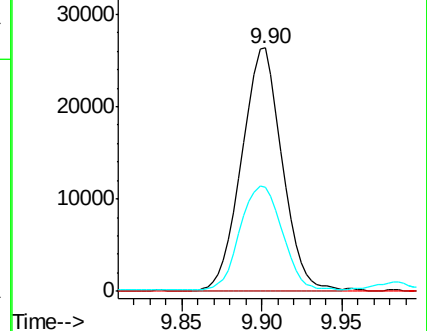
39 42.0 45.0 67.6#



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-Dichloropropene

Concen: 0.938 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058377.D

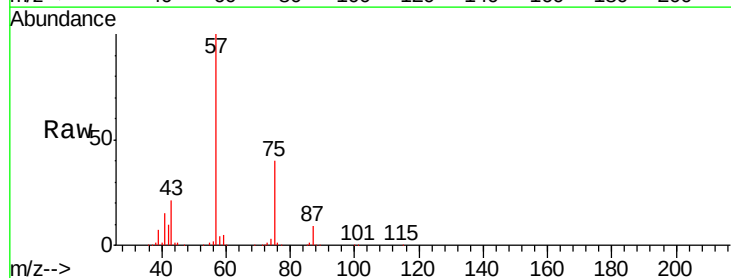
Acq: 26 Sep 2019 12:01

Tgt Ion: 76 Resp: 7236

Ion Ratio Lower Upper

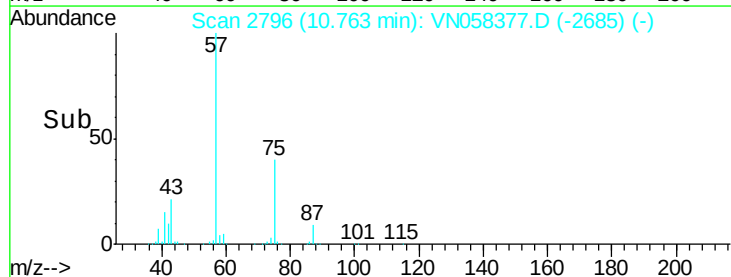
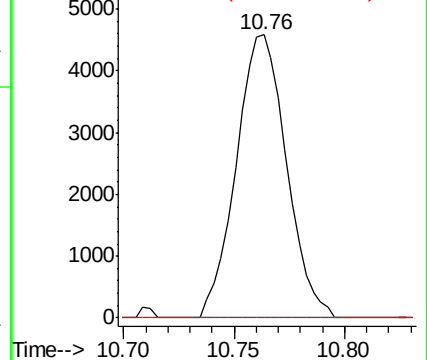
76 100

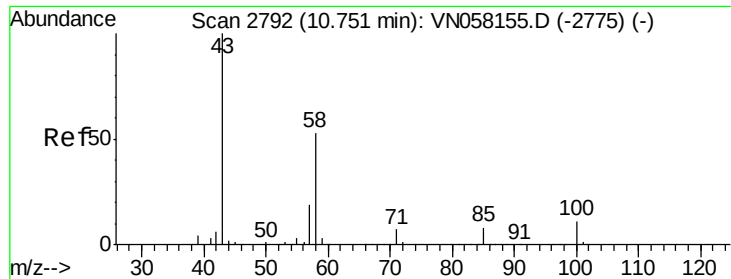
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

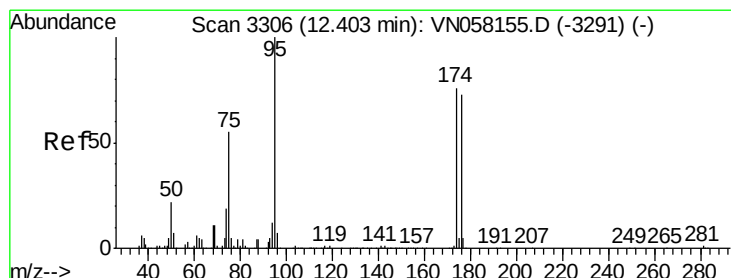
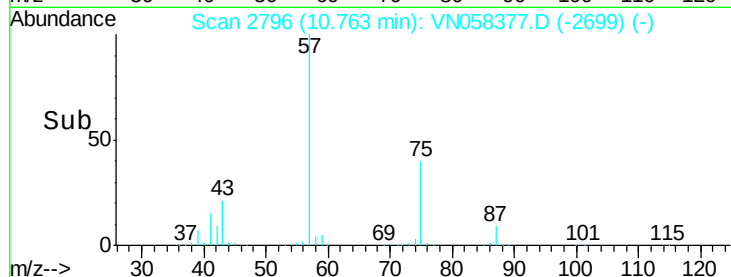
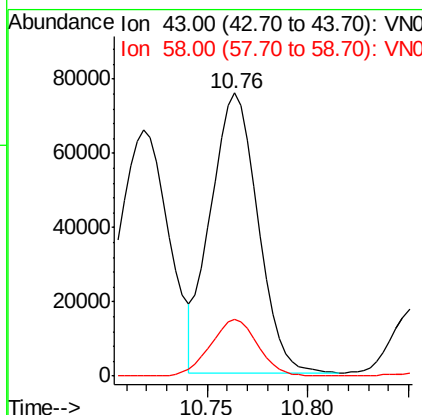
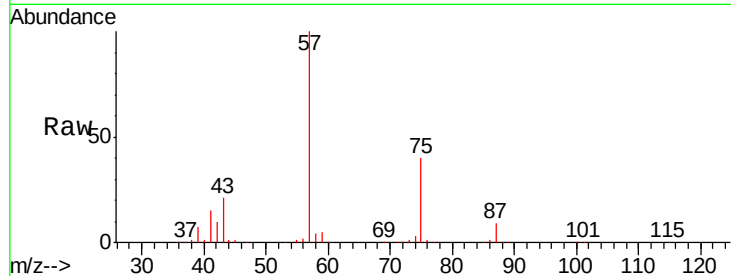




#59
2-Hexanone
Concen: 30.488 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

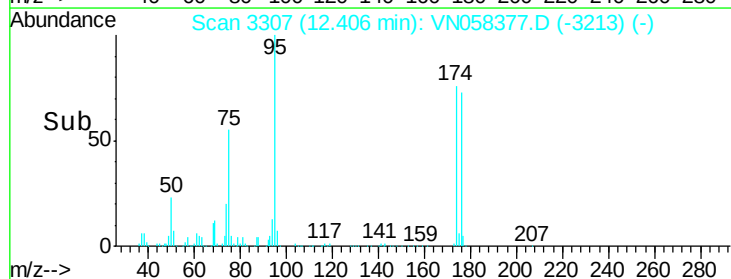
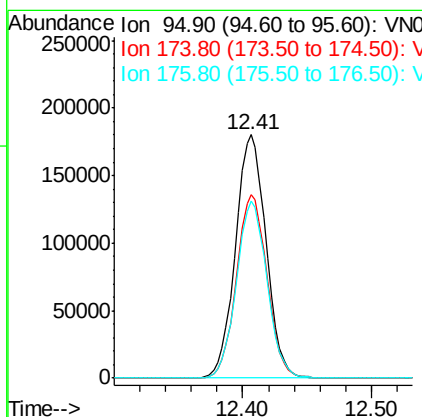
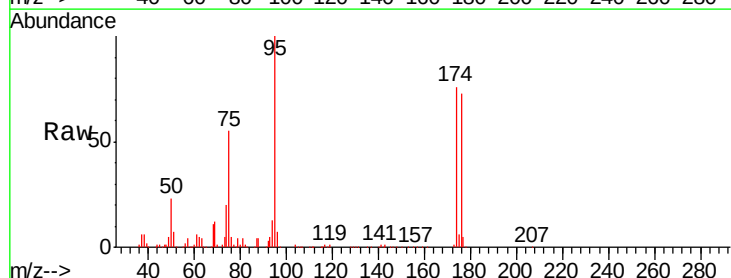
Instrument :
MSVOA_N
ClientSampled :
PB123388TB

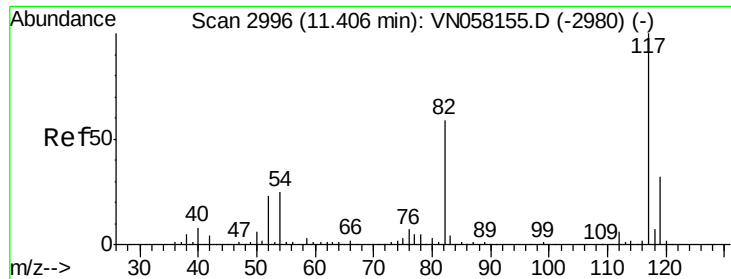
Tgt Ion: 43 Resp: 123179
Ion Ratio Lower Upper
43 100
58 20.4 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 46.026 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 95 Resp: 296732
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.2
176 72.7 0.0 148.0

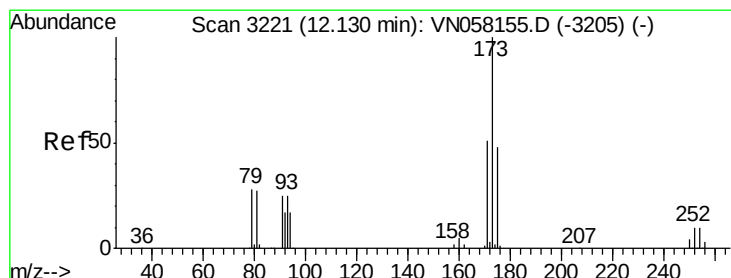
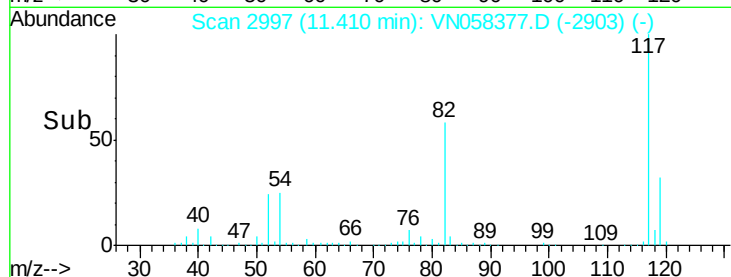
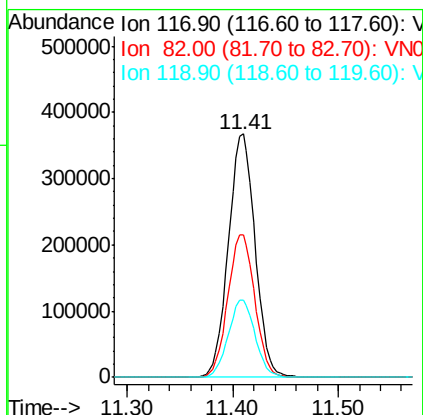
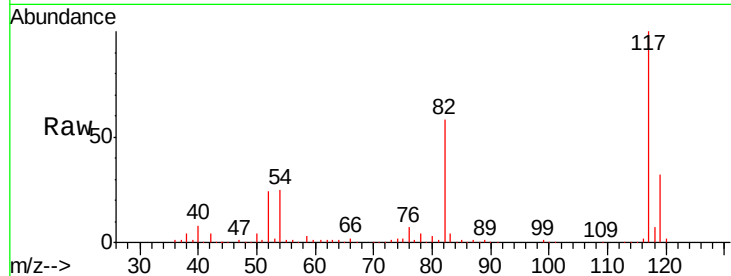




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

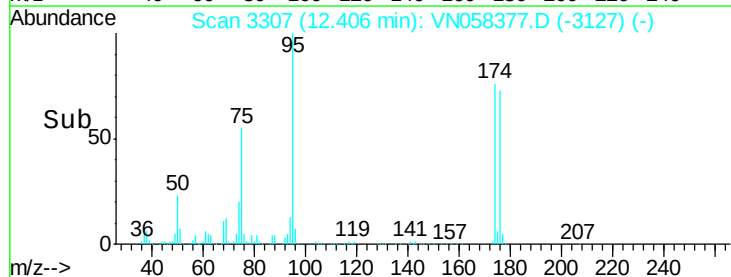
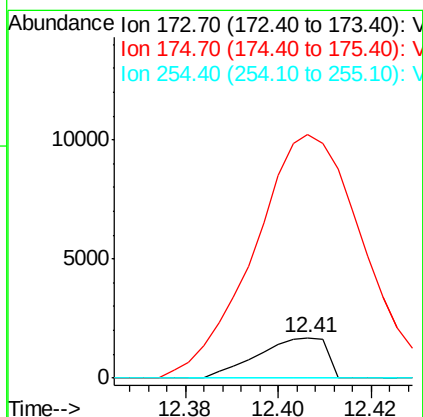
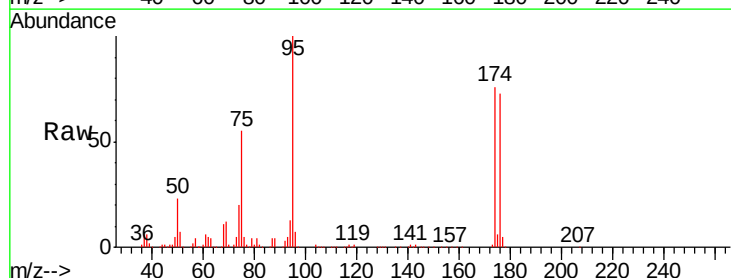
Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

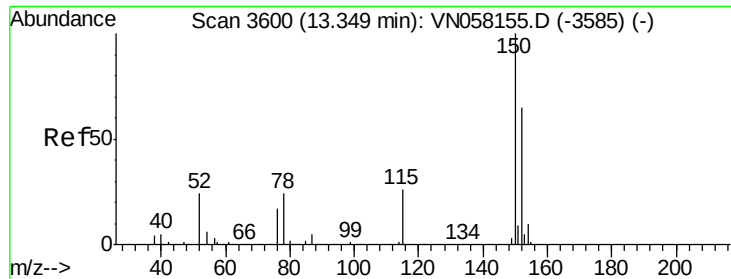
Tgt Ion:117 Resp: 642865
Ion Ratio Lower Upper
117 100
82 58.3 46.9 70.3
119 31.8 25.3 37.9



#71
Bromoform
Concen: 4.125 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion:173 Resp: 1736
Ion Ratio Lower Upper
173 100
175 817.6 24.2 72.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

PB123388TB

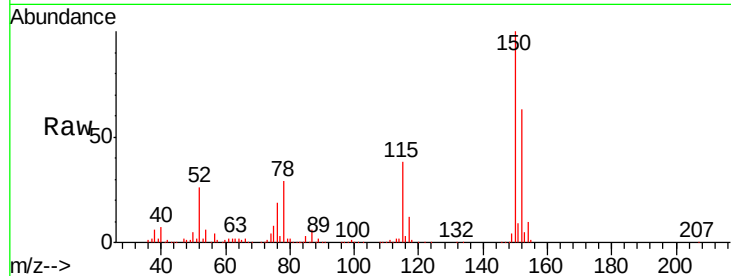
Tgt Ion:152 Resp: 258510

Ion Ratio Lower Upper

152 100

115 61.7 30.1 90.3

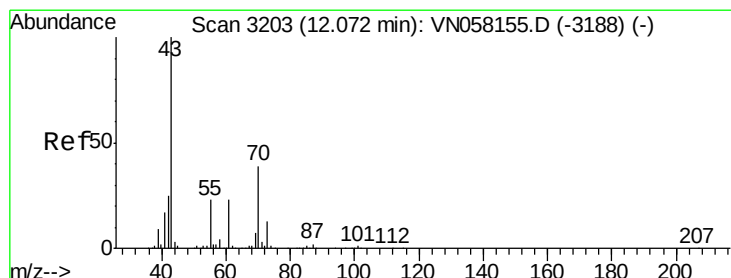
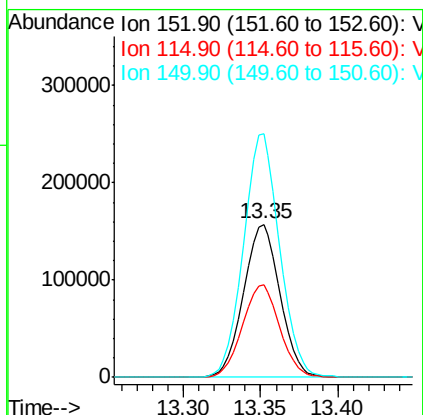
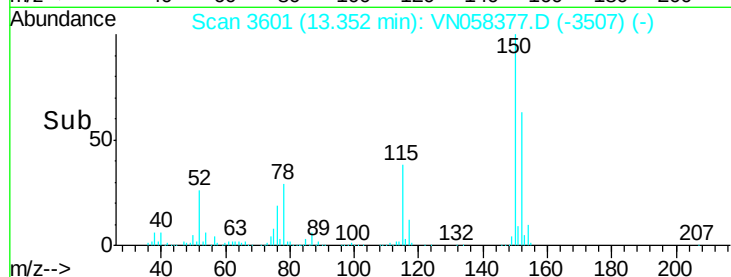
150 158.2 0.0 346.4



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-ethyl acetate

Concen: 0.542 ug/l

RT: 12.06 min Scan# 3199

Delta R.T. -0.01 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Tgt Ion: 43 Resp: 3668

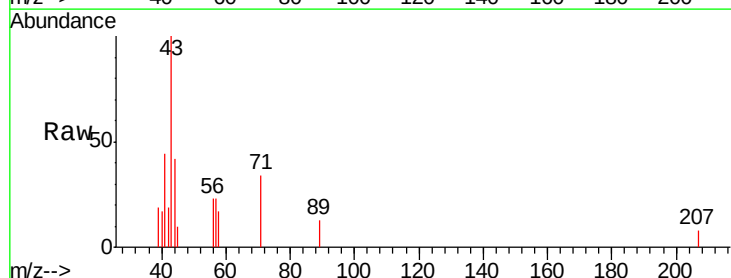
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.5 27.7#

61 0.0 18.2 27.2#

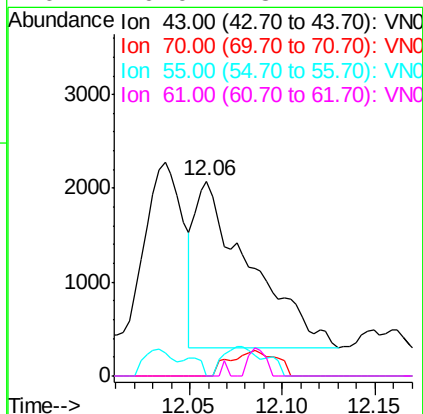
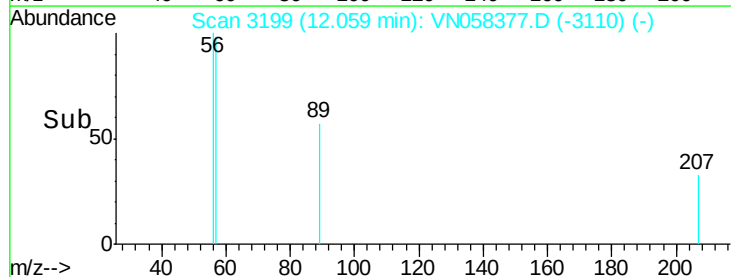


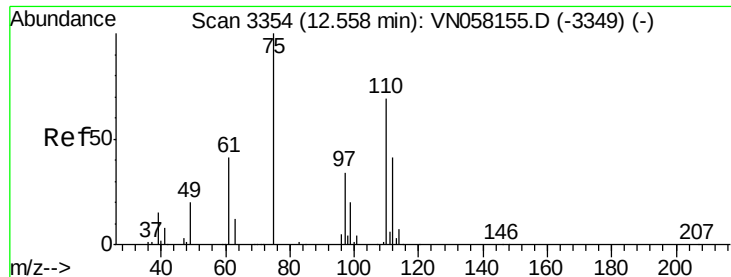
Abundance Ion 43.00 (42.70 to 43.70): V

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





#76

1,2,3-Trichloropropane

Concen: 35.688 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampled :

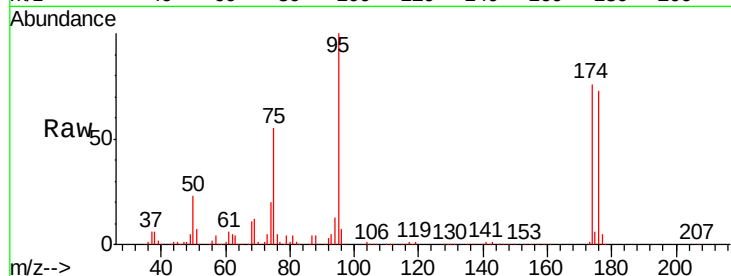
PB123388TB

Tgt Ion: 75 Resp: 165110

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058377.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058377.D (-3261) (-)

12.41

100000

80000

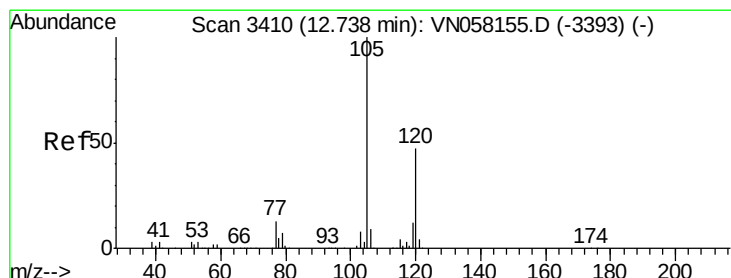
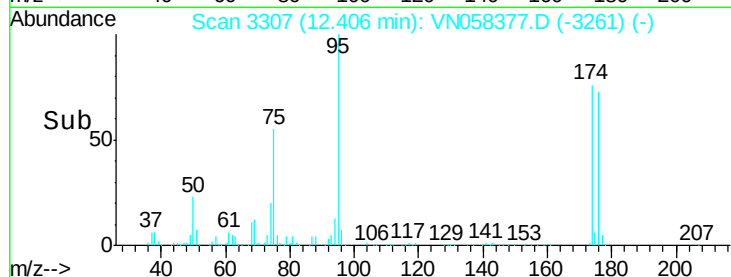
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 1.151 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058377.D

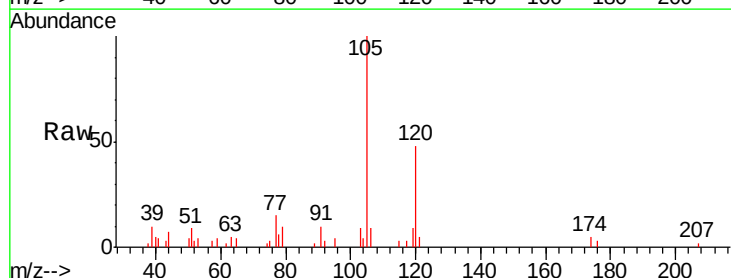
Acq: 26 Sep 2019 12:01

Tgt Ion: 105 Resp: 15746

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058377.D (-3317) (-)

Ion 120.00 (119.70 to 120.70): VN058377.D (-3317) (-)

12.74

10000

8000

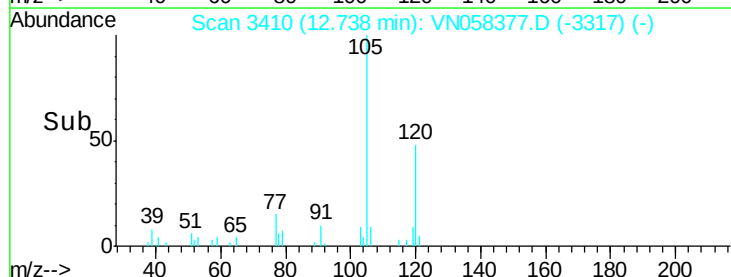
6000

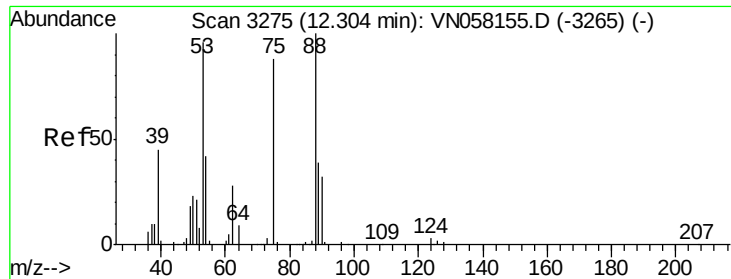
4000

2000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 99.718 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

Instrument :

MSVOA_N

ClientSampled :

PB123388TB

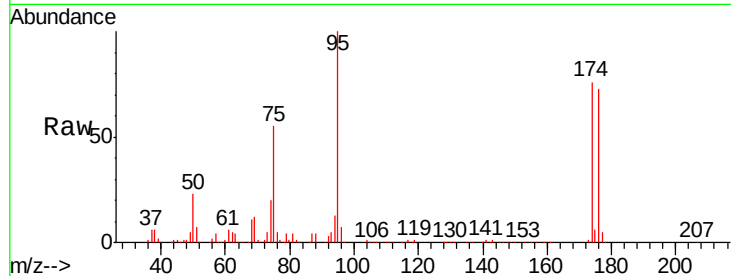
Tgt Ion: 75 Resp: 165110

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

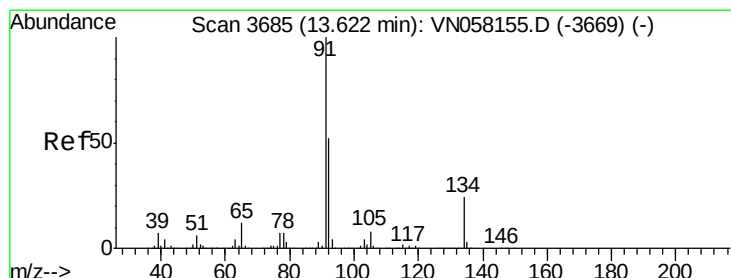
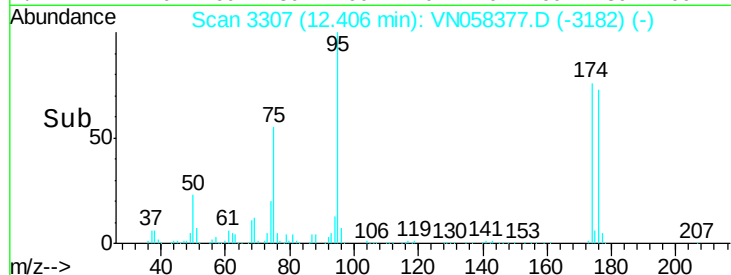
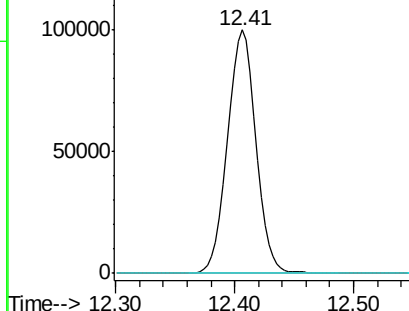
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#89

n-Butylbenzene

Concen: 0.239 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.01 min

Lab File: VN058377.D

Acq: 26 Sep 2019 12:01

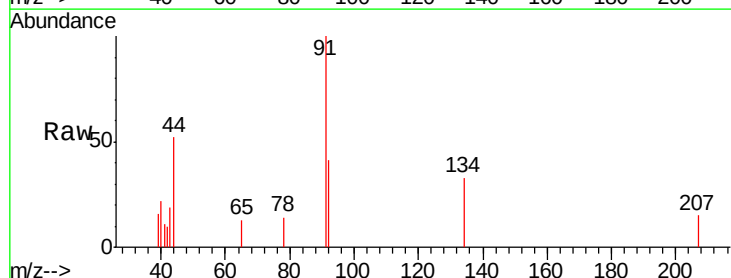
Tgt Ion: 91 Resp: 3219

Ion Ratio Lower Upper

91 100

92 43.6 25.7 77.0

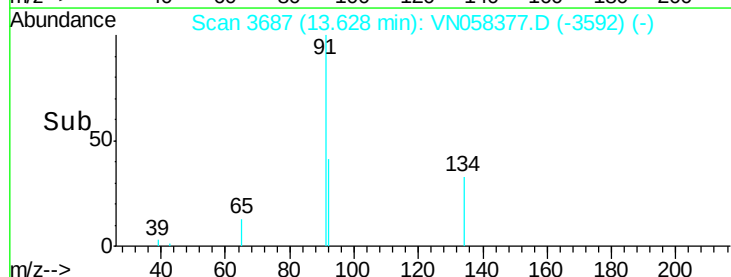
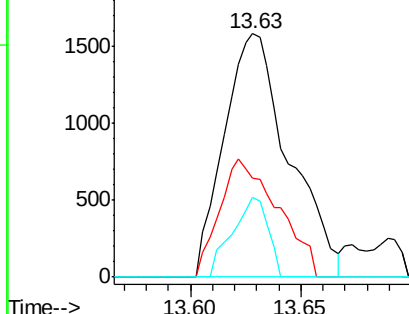
134 18.1 11.8 35.4

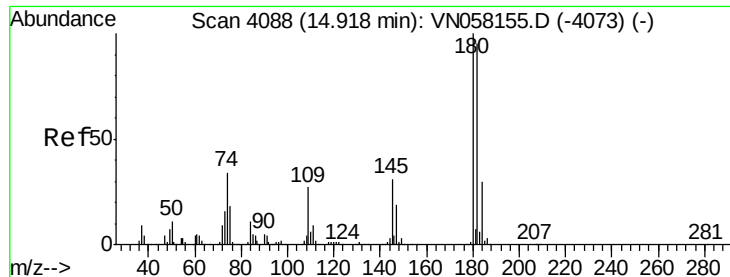


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

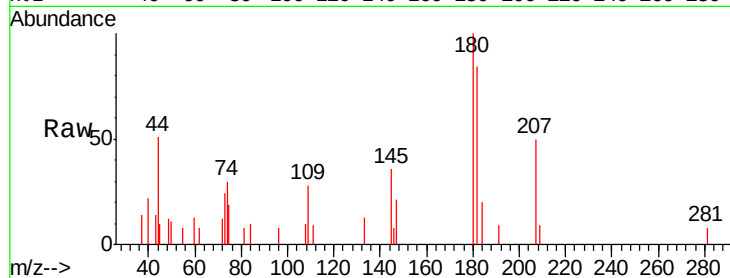




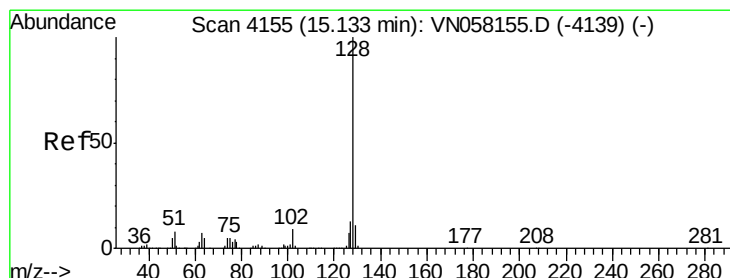
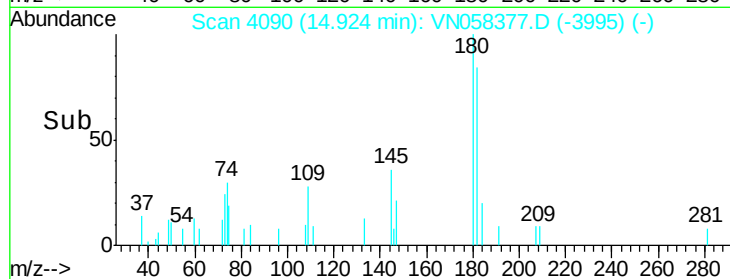
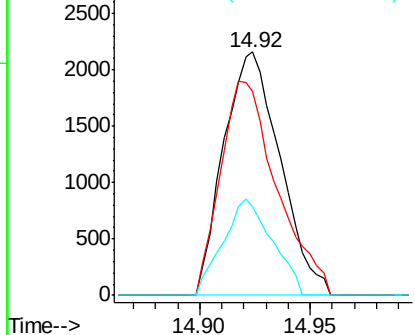
#93
 1,2,4-Trichlorobenzene
 Concen: 0.802 ug/l
 RT: 14.92 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN058377.D
 Acq: 26 Sep 2019 12:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123388TB

Tgt Ion:180 Resp: 3822
 Ion Ratio Lower Upper
 180 100
 182 88.0 47.8 143.3
 145 34.5 15.4 46.4

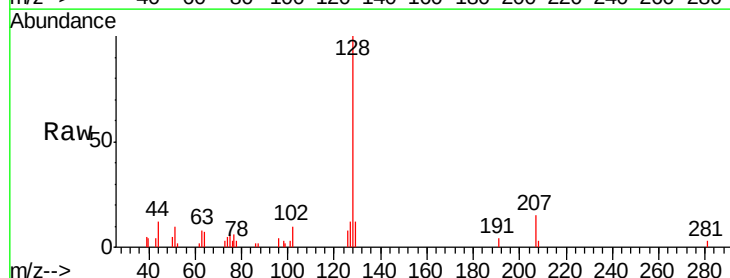


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

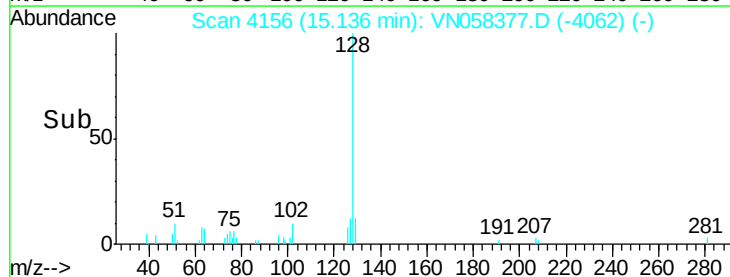
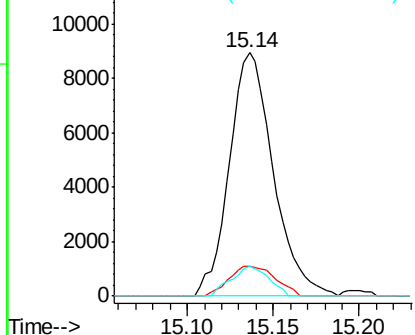


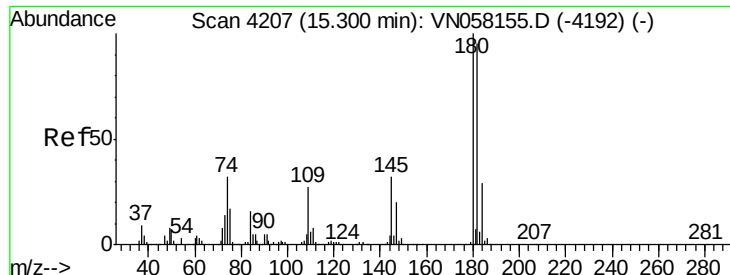
#95
 Naphthalene
 Concen: 1.288 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN058377.D
 Acq: 26 Sep 2019 12:01

Tgt Ion:128 Resp: 15902
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.2
 129 10.3 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

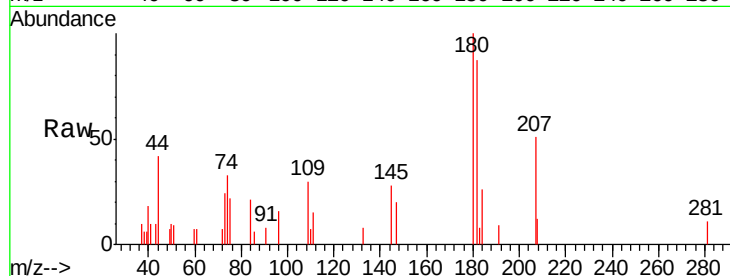




#96
 1,2,3-Trichlorobenzene
 Concen: 0.970 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.01 min
 Lab File: VN058377.D
 Acq: 26 Sep 2019 12:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123388TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.2
145	29.6	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

