

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058310.D
 Acq On : 23 Sep 2019 22:32
 Operator : JC/SP
 Sample : PB123296TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123296TB

Quant Time: Sep 24 01:38:15 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	482716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	808897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	714141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	376775	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	
35) Dibromofluoromethane	7.57	113	254877	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.08	98	1048080	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.41	95	335119	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

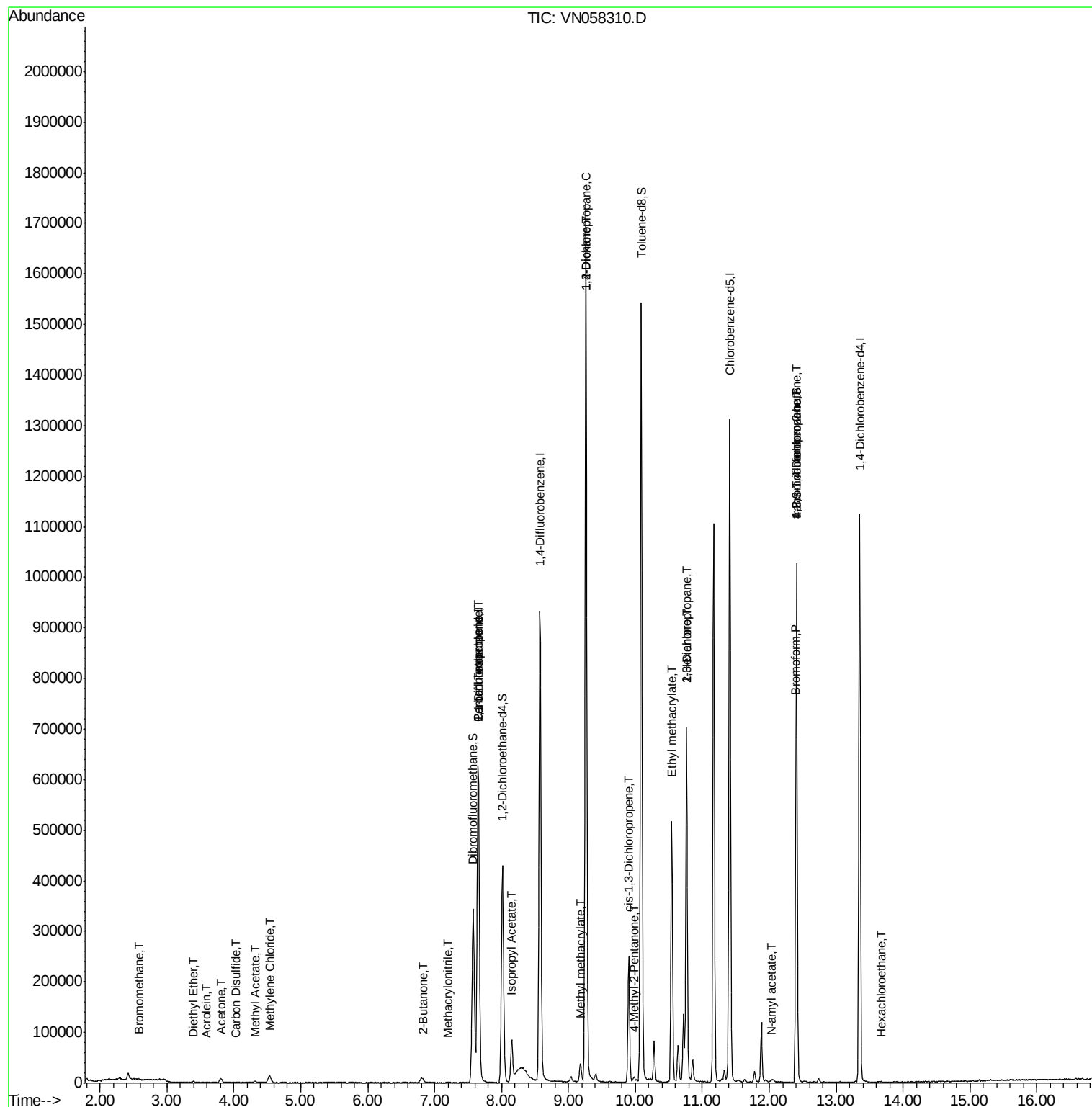
					Qvalue	
3) Chloromethane	2.03	50	410	Below Cal	#	42
5) Bromomethane	2.57	94	441	0.968	ug/l #	4
6) Chloroethane	2.68	64	440	Below Cal	#	44
8) Diethyl Ether	3.39	74	812	0.327	ug/l	63
12) 1,1-Dichloroethene	3.64	96	31	Below Cal	#	1
13) Acrolein	3.59	56	63	0.532	ug/l #	15
16) Acetone	3.80	43	13963	6.118	ug/l	99
17) Carbon Disulfide	4.03	76	253	0.331	ug/l #	74
18) Methyl Acetate	4.32	43	3860	0.643	ug/l #	73
20) Methylene Chloride	4.53	84	10157	2.331	ug/l	94
25) 2-Butanone	6.83	43	3135	1.008	ug/l	93
31) Cyclohexane	7.65	56	12734	Below Cal	#	19
36) 1,1-Dichloropropene	7.65	75	41478	7.110	ug/l #	51
38) Carbon Tetrachloride	7.65	117	50794	8.662	ug/l #	15
41) Methacrylonitrile	7.19	41	311	1.011	ug/l #	100
43) Isopropyl Acetate	8.15	43	101887	9.012	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2011	0.378	ug/l #	45
48) Methyl methacrylate	9.17	41	5877	1.145	ug/l #	14
49) 1,4-Dioxane	9.27	88	66	0.783	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5212	0.868	ug/l #	81
54) cis-1,3-Dichloropropene	9.90	75	41499	5.414	ug/l #	71
56) Ethyl methacrylate	10.54	69	2148	0.300	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	6840	0.803	ug/l #	43
59) 2-Hexanone	10.76	43	106757	23.936	ug/l #	54
71) Bromoform	12.39	173	237	3.660	ug/l #	29
74) N-amyl acetate	12.04	43	4132	0.560	ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	189486	37.572	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	189486	104.677	ug/l #	5
90) Hexachloroethane	13.69	117	70	2.847	ug/l #	12

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
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# 1829

Delta R.T. 0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampleId :

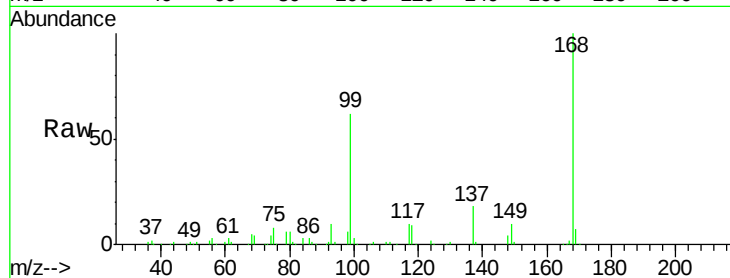
PB123296TB

Tot Ion:168 Resp: 482716

Ion Ratio Lower Upper

168 100

99 62.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

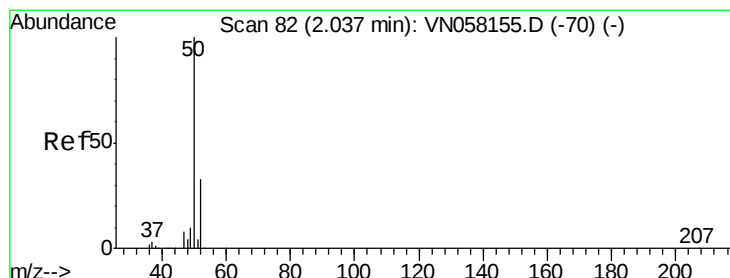
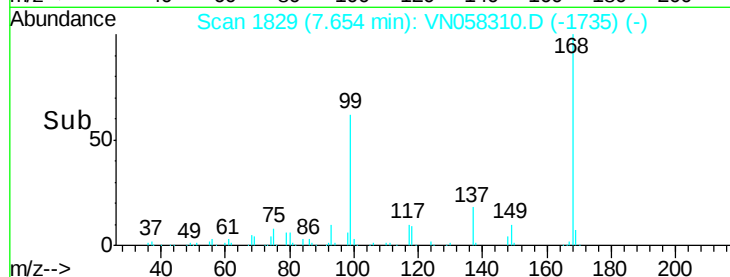
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058310.D

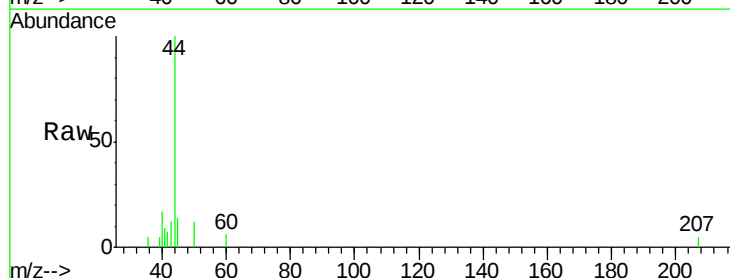
Acq: 23 Sep 2019 22:32

Tgt Ion: 50 Resp: 410

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

400

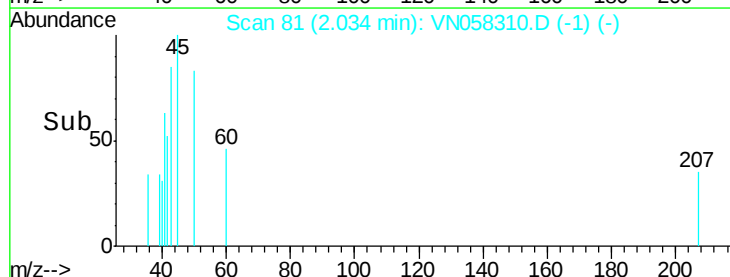
300

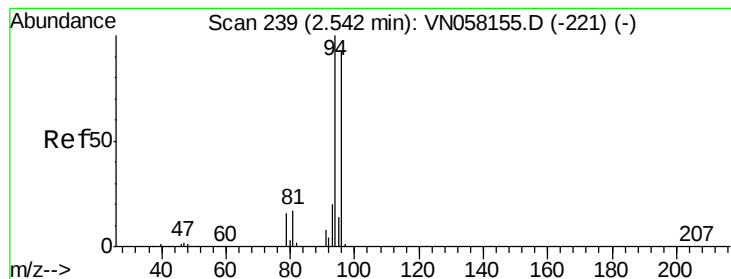
200

100

0

Time-->





#5

Bromomethane

Concen: 0.968 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.03 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampleId :

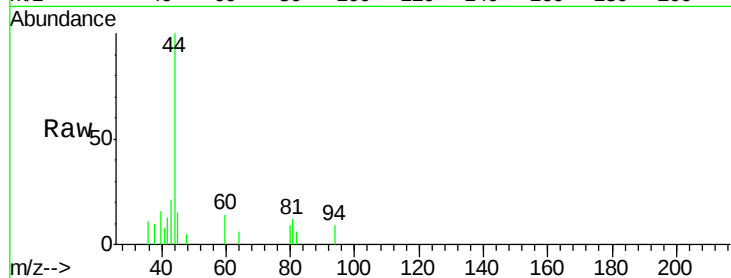
PB123296TB

Tot Ion: 94 Resp: 441

Ion Ratio Lower Upper

94 100

96 0.0 73.3 109.9#



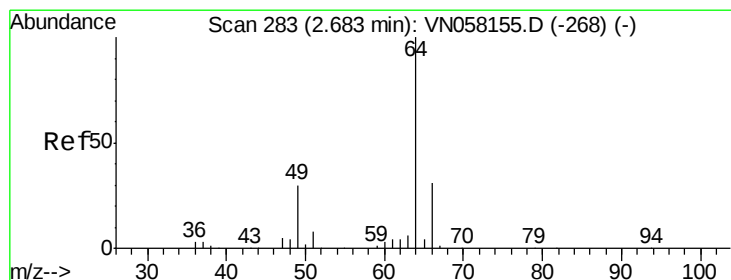
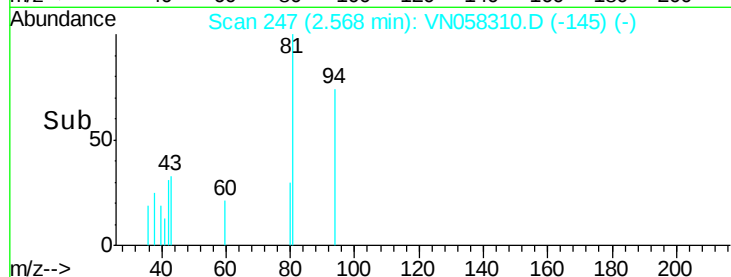
Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

Time-->

2.52 2.54 2.56 2.58

2.57



#6

Chloroethane

Concen: Below Cal

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058310.D

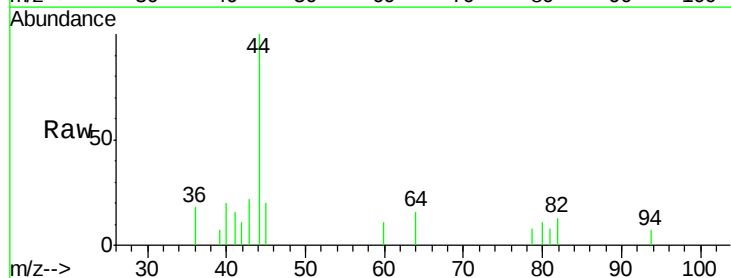
Acq: 23 Sep 2019 22:32

Tgt Ion: 64 Resp: 440

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



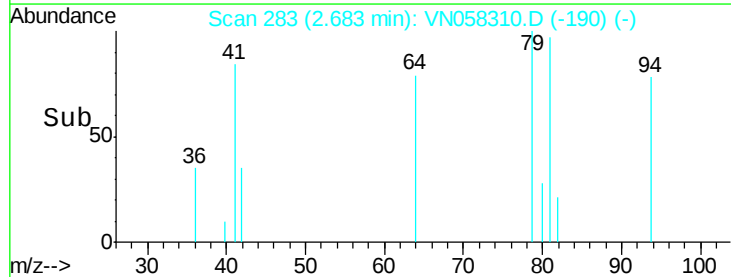
Abundance Ion 63.90 (63.60 to 64.60): VNO

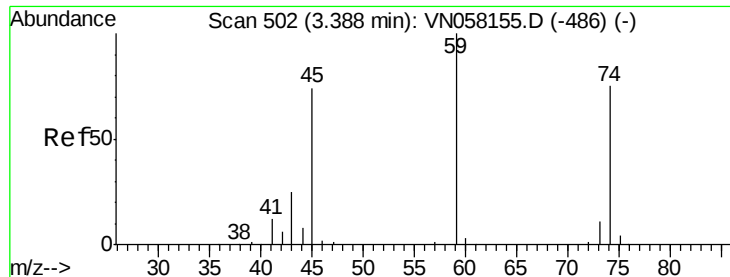
Ion 65.90 (65.60 to 66.60): VNO

Time-->

2.66 2.68 2.70

2.68





#8

Diethyl Ether

Concen: 0.327 ug/l

RT: 3.39 min Scan# 502

Delta R.T. -0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampled :

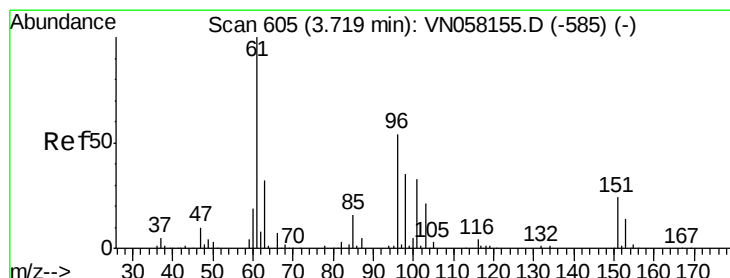
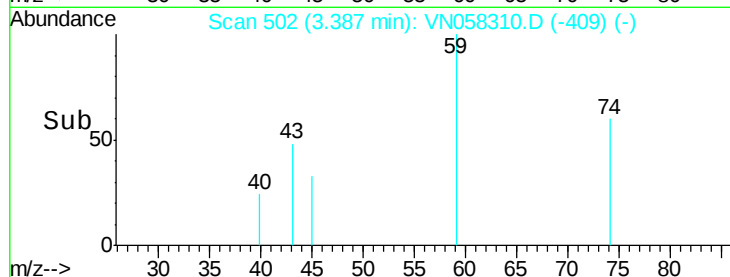
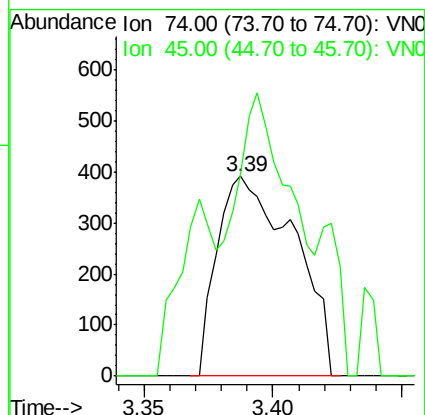
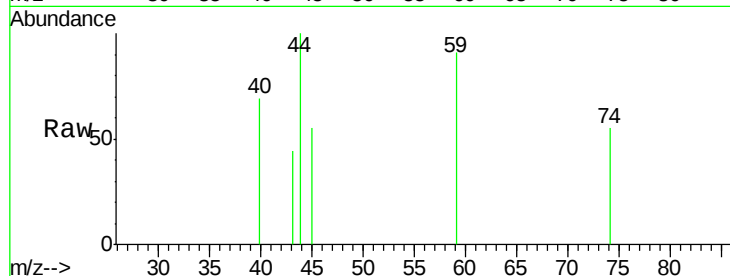
PB123296TB

Tot Ion: 74 Resp: 812

Ion Ratio Lower Upper

74 100

45 60.7 48.5 145.5



#12

1,1-Dichloroethene

Concen: Below Cal

RT: 3.64 min Scan# 582

Delta R.T. -0.07 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

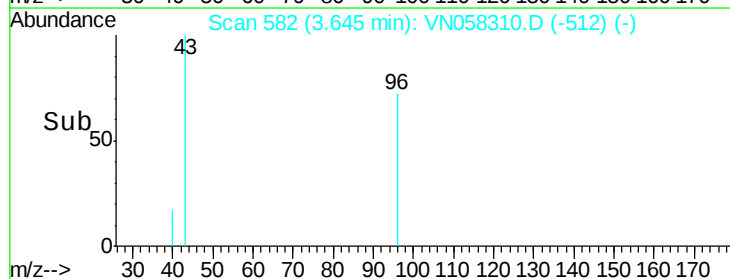
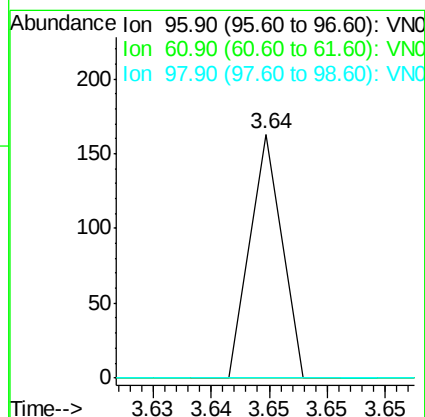
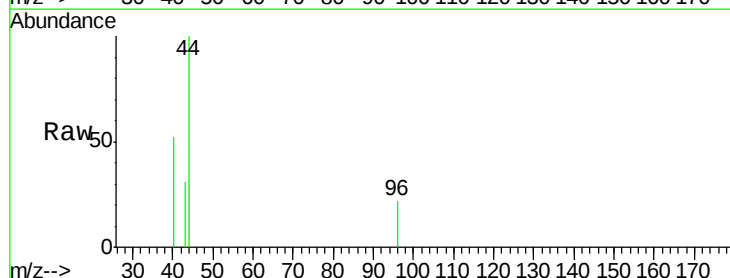
Tgt Ion: 96 Resp: 31

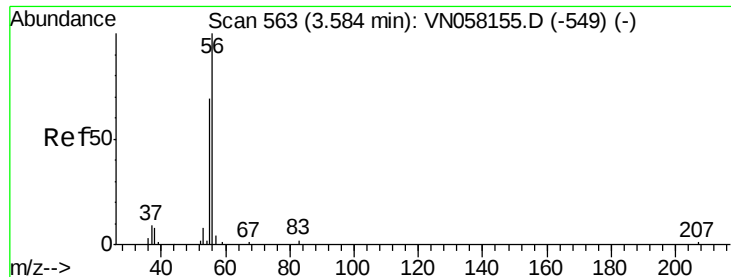
Ion Ratio Lower Upper

96 100

61 0.0 149.5 224.3#

98 0.0 52.4 78.6#





#13

Acrolein

Concen: 0.532 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampleId :

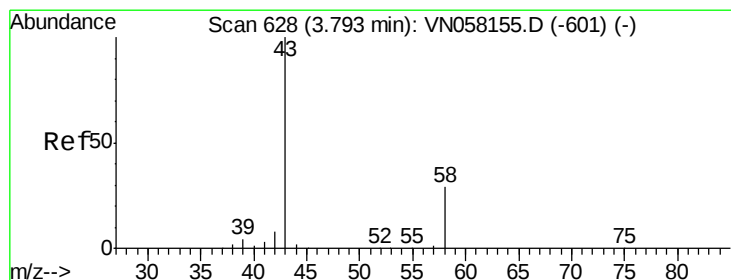
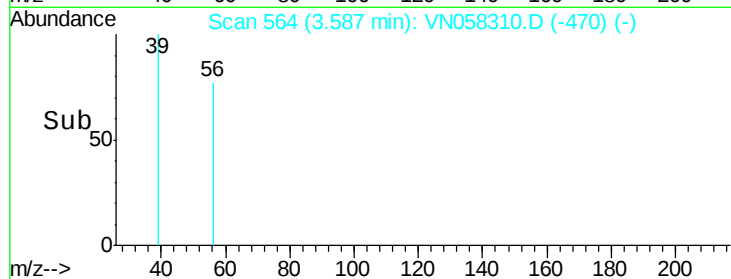
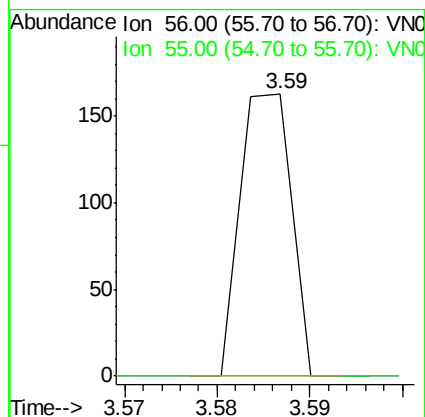
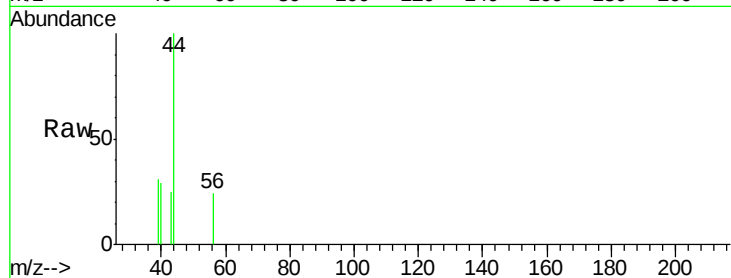
PB123296TB

Tot Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



#16

Acetone

Concen: 6.118 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058310.D

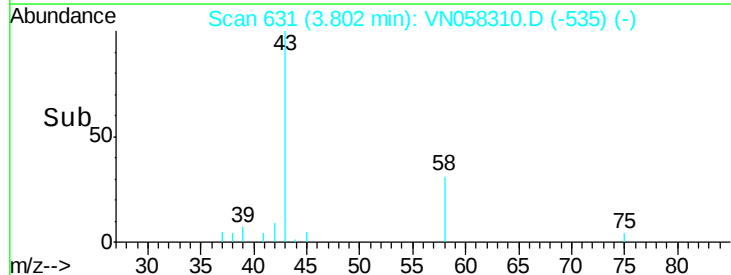
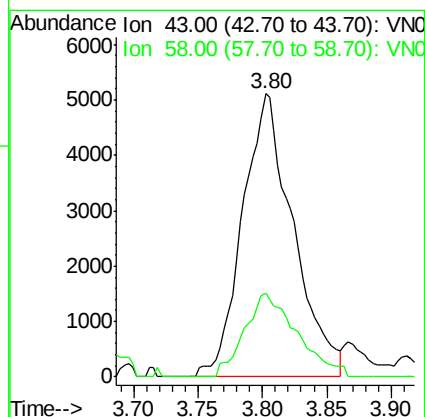
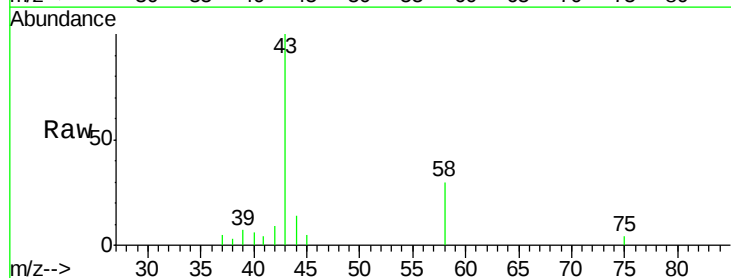
Acq: 23 Sep 2019 22:32

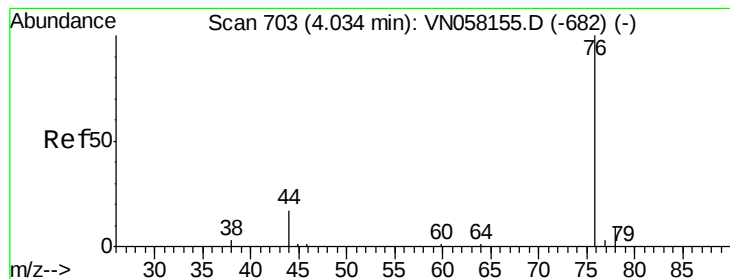
Tgt Ion: 43 Resp: 13963

Ion Ratio Lower Upper

43 100

58 29.8 23.4 35.2





#17

Carbon Disulfide

Concen: 0.331 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampled :

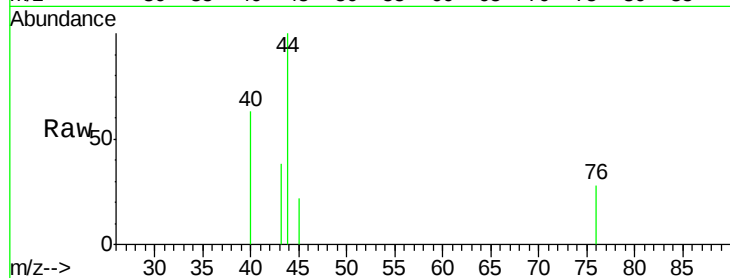
PB123296TB

Tot Ion: 76 Resp: 253

Ion Ratio Lower Upper

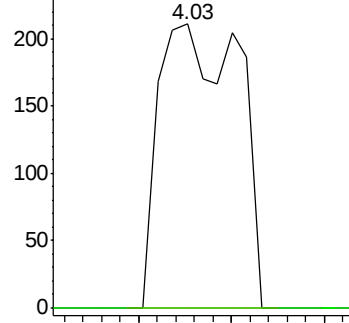
76 100

78 0.0 7.7 11.5#

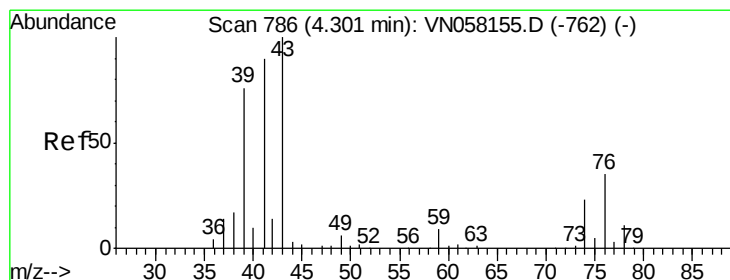
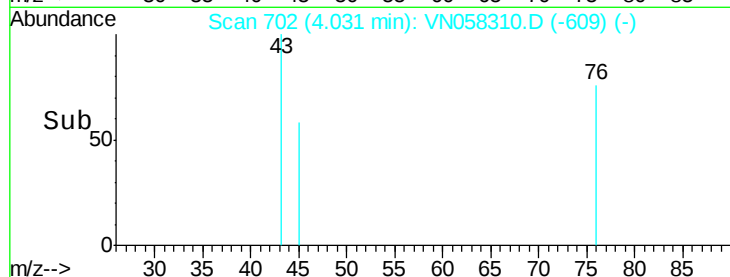


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#18

Methyl Acetate

Concen: 0.643 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.02 min

Lab File: VN058310.D

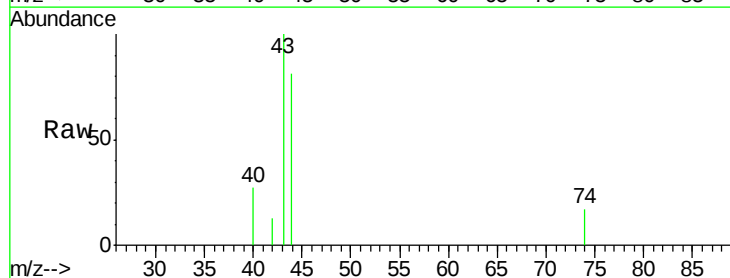
Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 3860

Ion Ratio Lower Upper

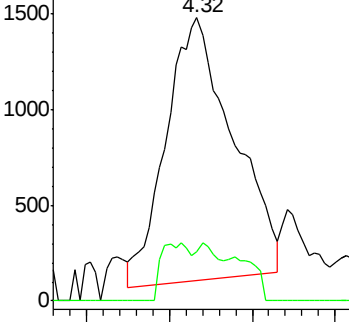
43 100

74 9.5 18.0 27.0#

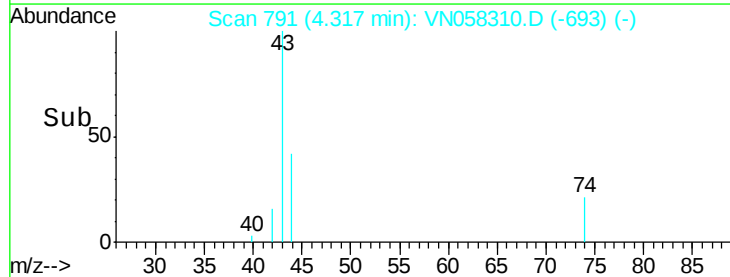


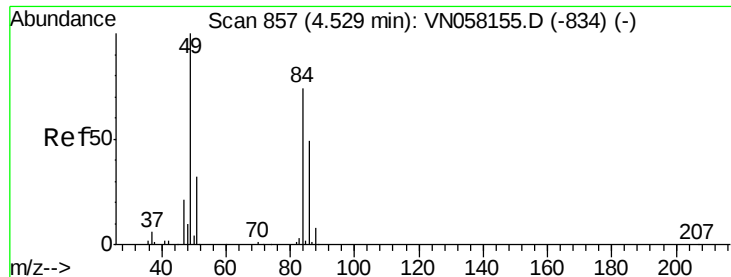
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->

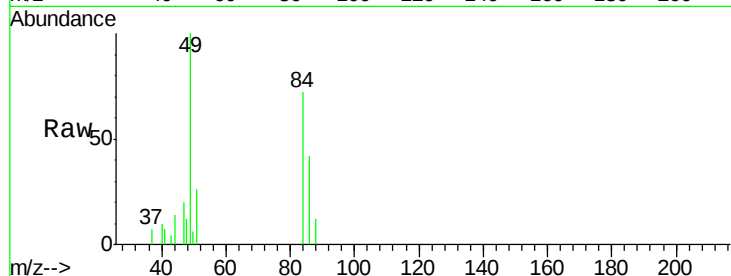




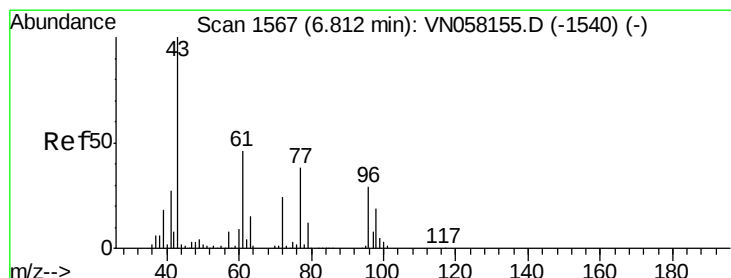
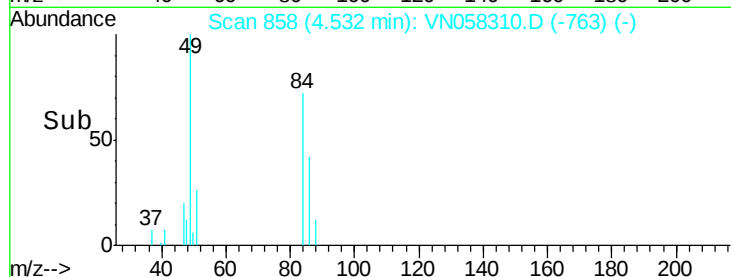
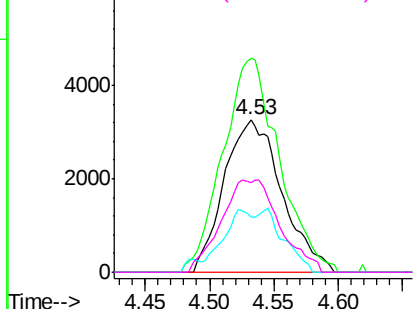
#20
Methvlene Chloride
Concen: 2.331 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampled :
PB123296TB

Tot Ion: 84 Resp: 10157
Ion Ratio Lower Upper
84 100
49 139.8 107.5 161.3
51 36.2 33.9 50.9
86 58.9 52.4 78.6

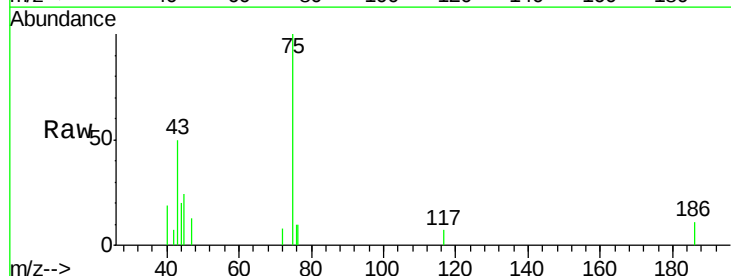


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

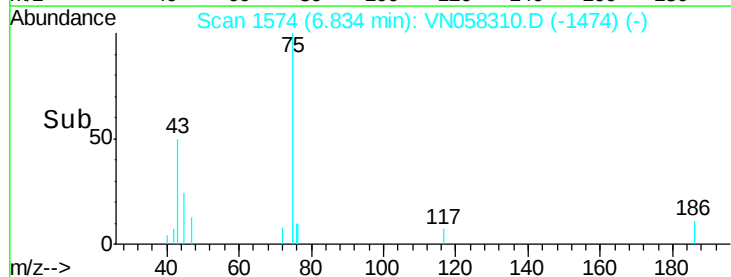
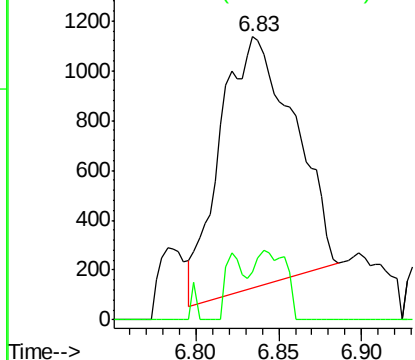


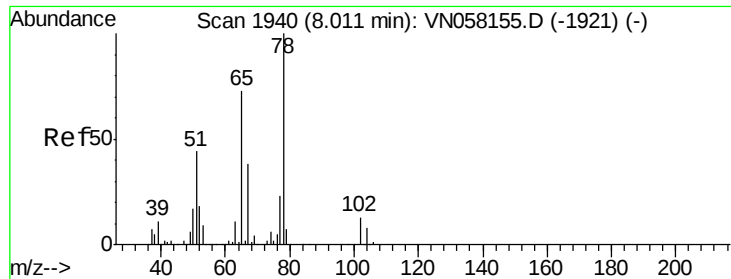
#25
2-Butanone
Concen: 1.008 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 3135
Ion Ratio Lower Upper
43 100
72 21.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC





#33

1,2-Dichloroethane-d4

Concen: 56.040 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampleId :

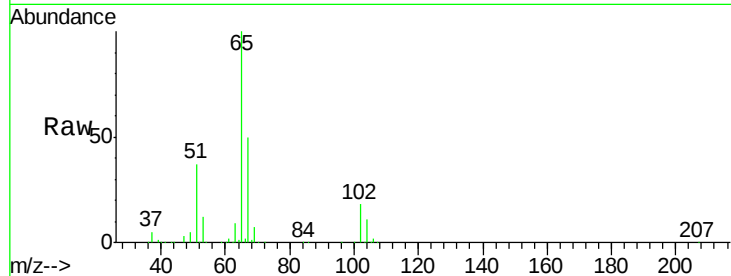
PB123296TB

Tot Ion: 65 Resp: 376775

Ion Ratio Lower Upper

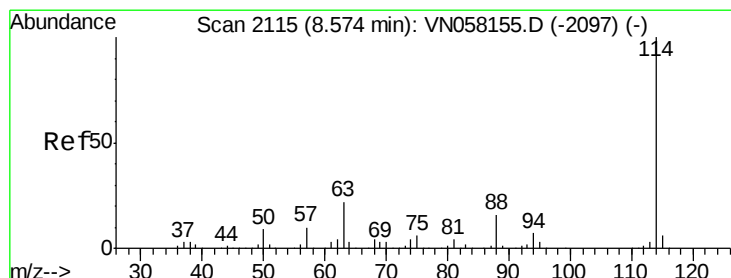
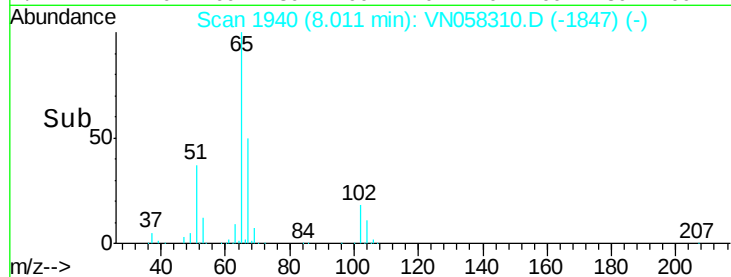
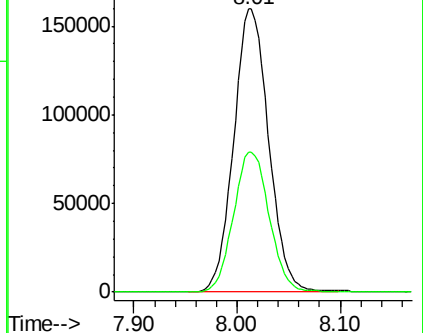
65 100

67 50.7 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

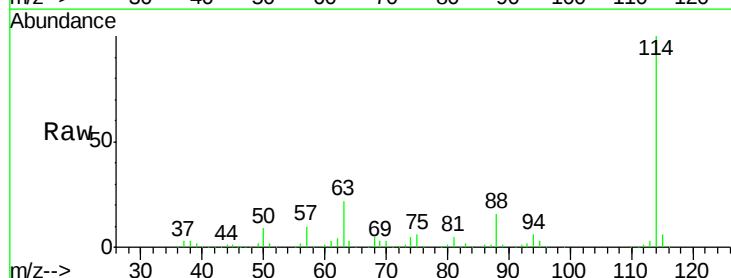
Tgt Ion: 114 Resp: 808897

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

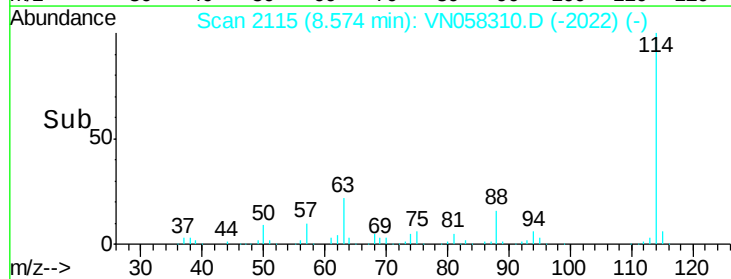
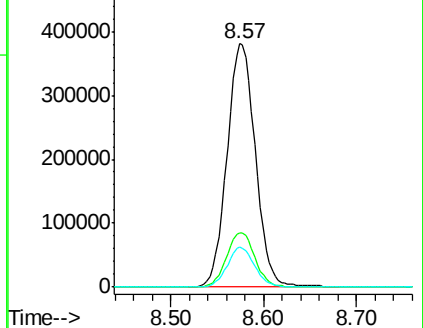
88 16.5 0.0 31.6

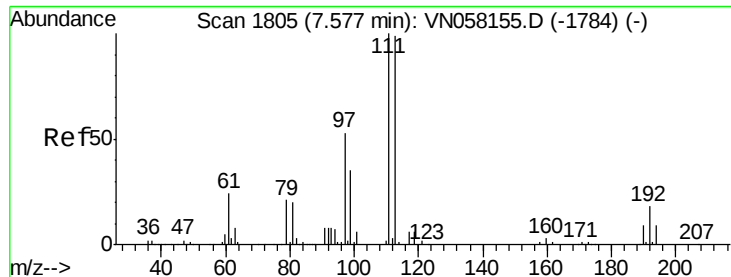


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VNO

Ion 87.90 (87.60 to 88.60): VNO





#35

Dibromofluoromethane

Concen: 51.831 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampled :

PB123296TB

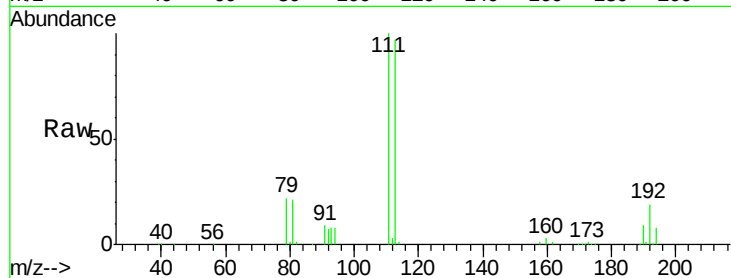
Tot Ion:113 Resp: 254877

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

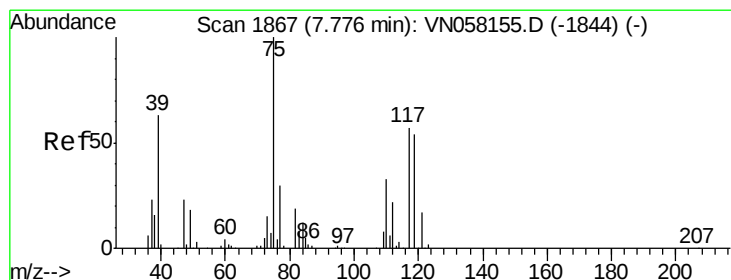
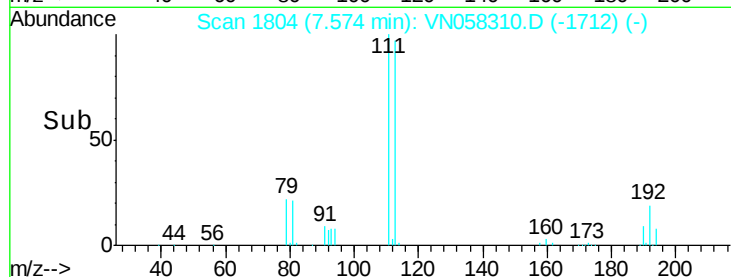
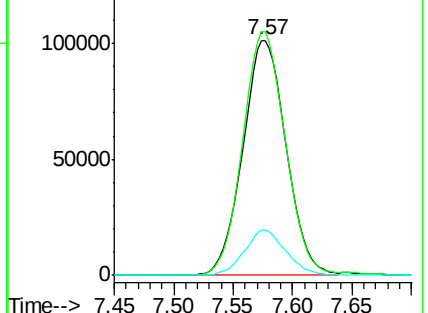
192 18.5 14.5 21.7



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: 7.110 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

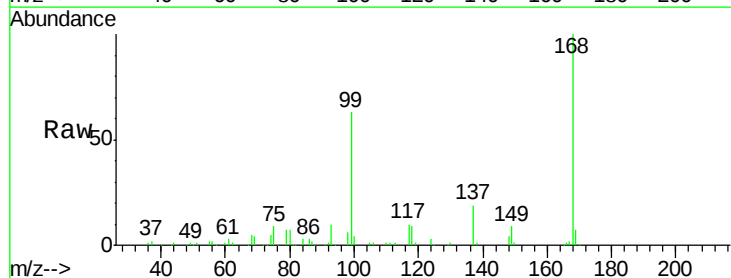
Tgt Ion: 75 Resp: 41478

Ion Ratio Lower Upper

75 100

110 8.5 16.6 49.7#

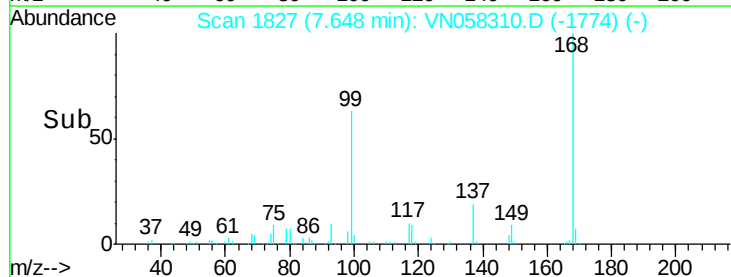
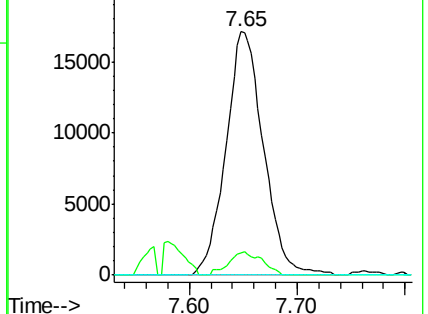
77 0.0 24.3 36.5#

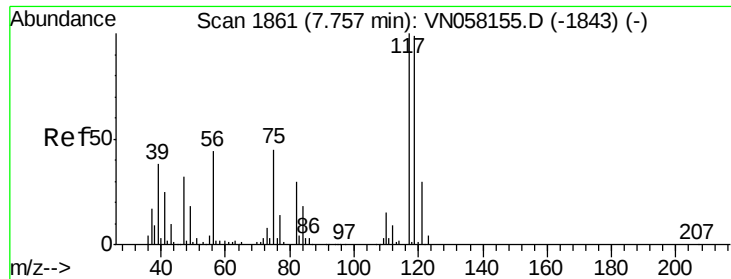


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 8.662 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampled :

PB123296TB

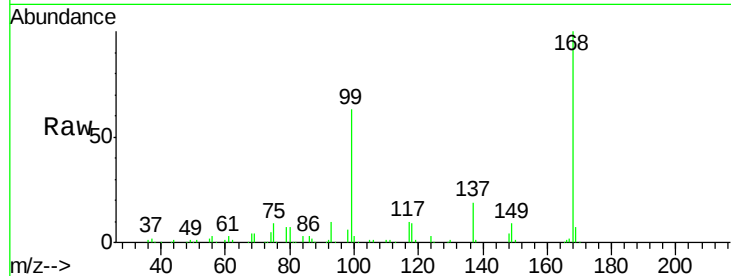
Tot Ion:117 Resp: 50794

Ion Ratio Lower Upper

117 100

119 5.1 78.6 117.8#

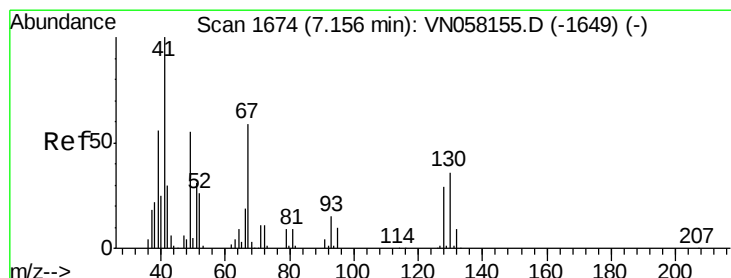
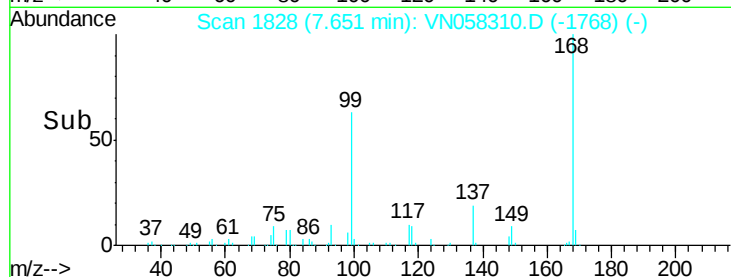
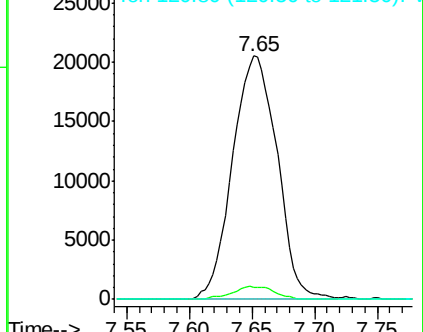
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 1.011 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.04 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Tgt Ion: 41 Resp: 311

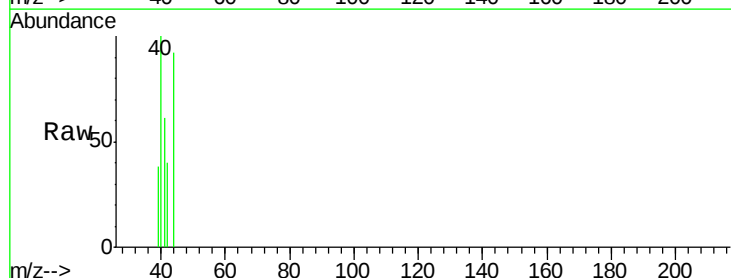
Ion Ratio Lower Upper

41 100

39 82.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

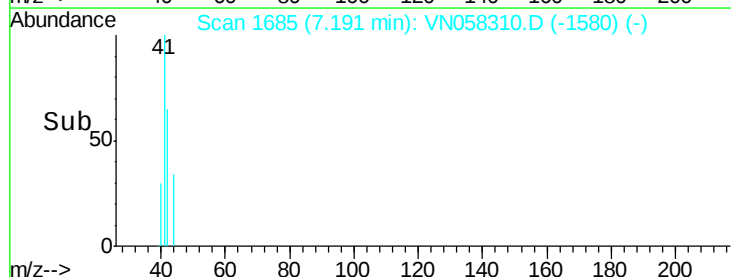
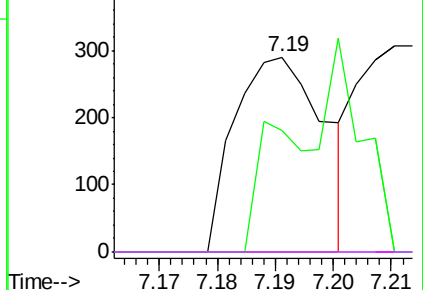


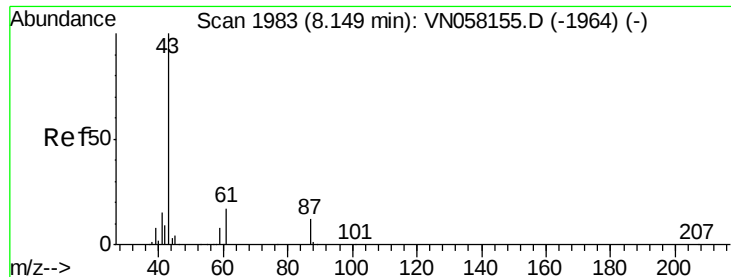
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 9.012 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampled :

PB123296TB

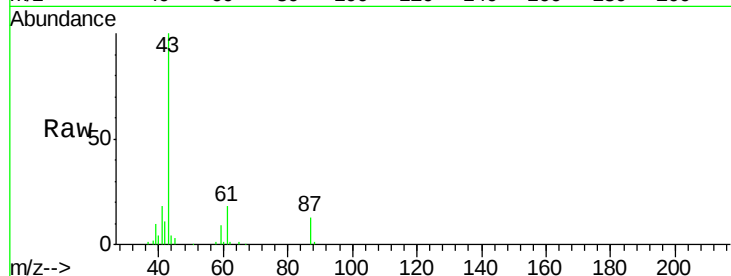
Tot Ion: 43 Resp: 101887

Ion Ratio Lower Upper

43 100

61 17.3 19.7 29.5#

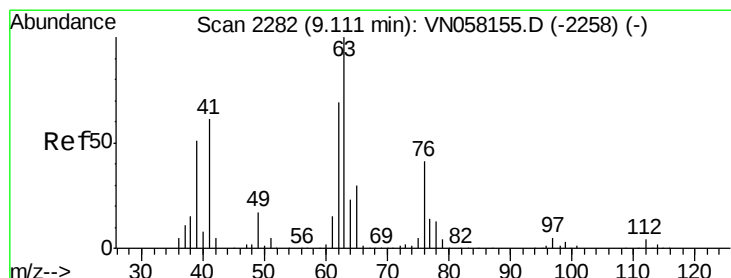
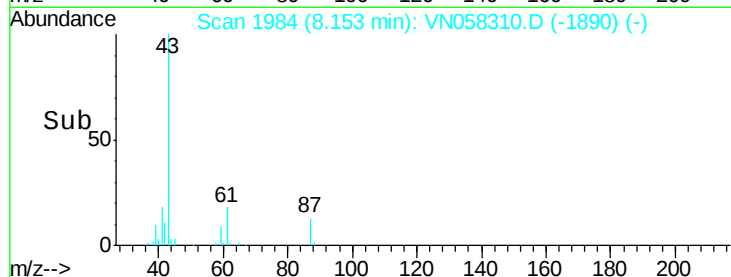
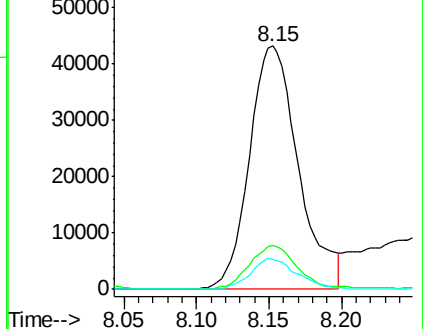
87 11.8 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN058310.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058310.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058310.D (-1964) (-)



#45

1,2-Dichloropropane

Concen: 0.378 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058310.D

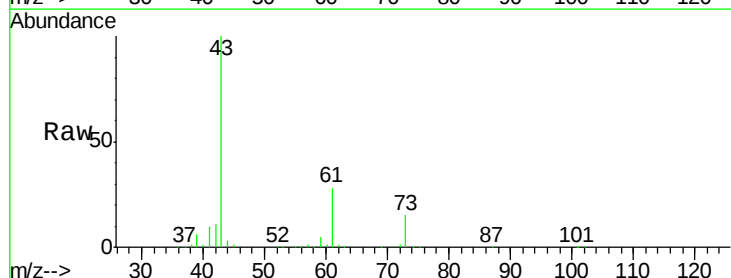
Acq: 23 Sep 2019 22:32

Tgt Ion: 63 Resp: 2011

Ion Ratio Lower Upper

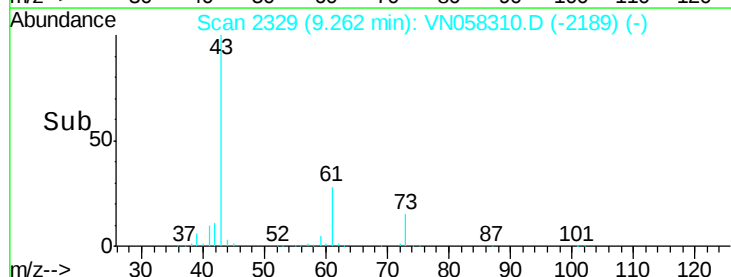
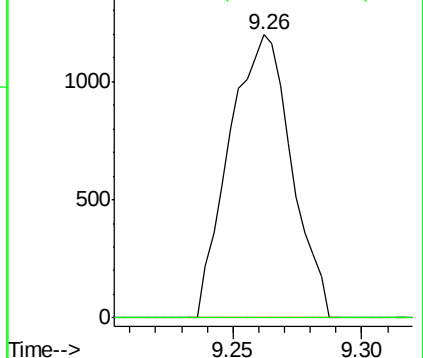
63 100

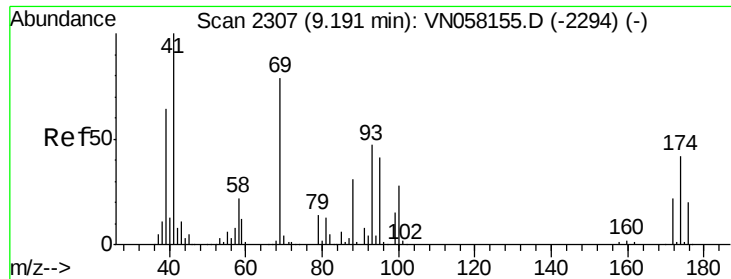
65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN058310.D (-2189) (-)

Ion 64.90 (64.60 to 65.60): VN058310.D (-2189) (-)

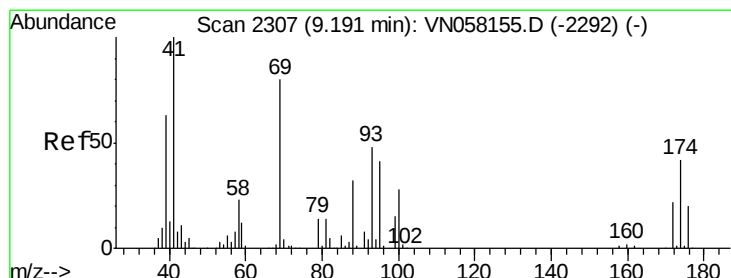
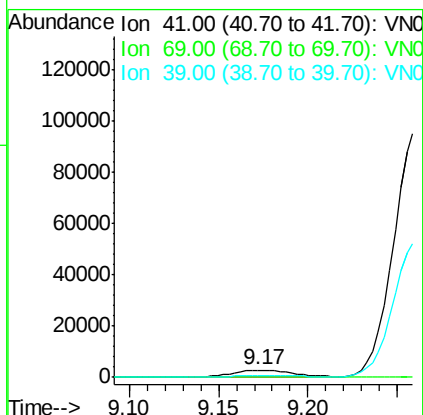
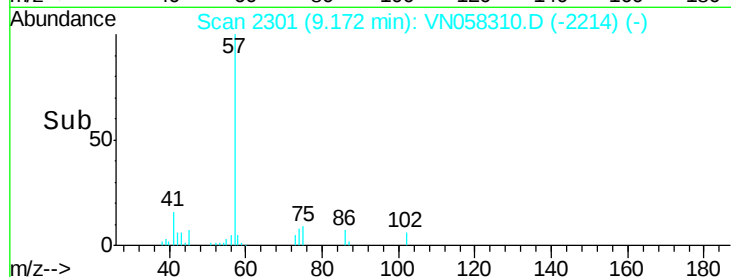
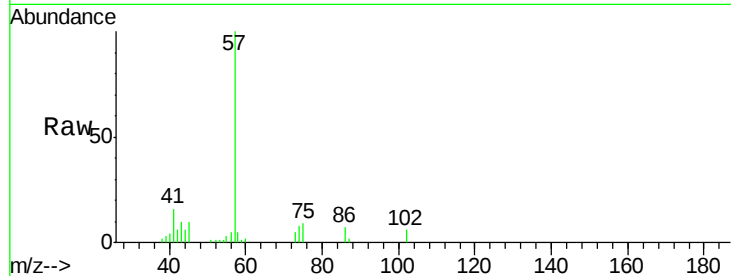




#48
Methvl methacrylate
Concen: 1.145 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

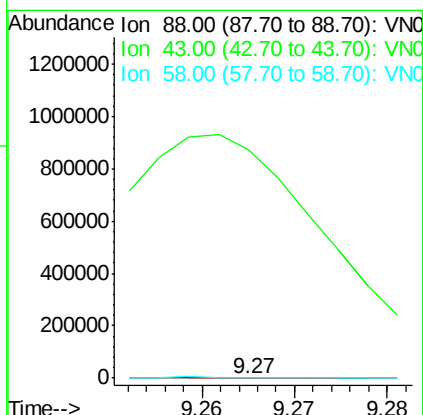
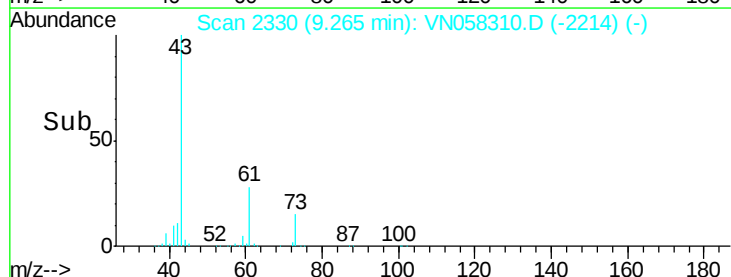
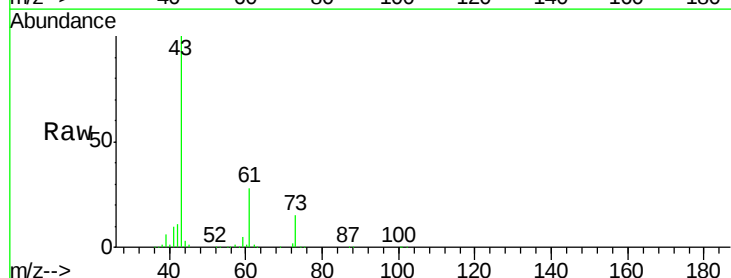
Instrument :
MSVOA_N
ClientSampleId :
PB123296TB

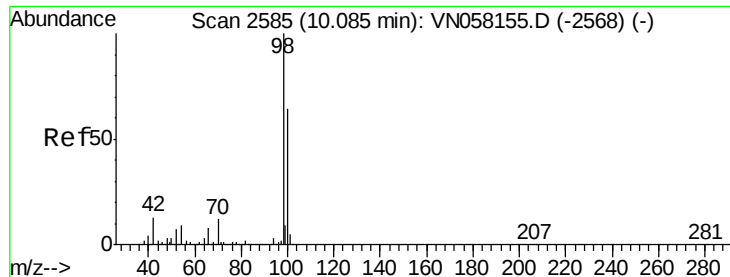
Tot Ion: 41 Resp: 5877
Ion Ratio Lower Upper
41 100
69 0.0 62.5 93.7#
39 0.0 52.3 78.5#



#49
1,4-Dioxane
Concen: 0.783 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 2597506.1 27.8 41.8#
58 12113.6 55.0 82.4#





#50

Toluene-d8

Concen: 54.703 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampled :

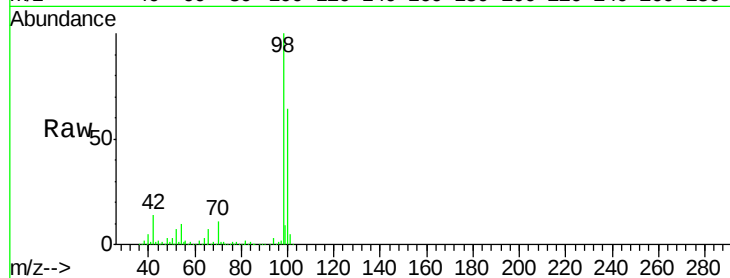
PB123296TB

Tot Ion: 98 Resp: 1048080

Ion Ratio Lower Upper

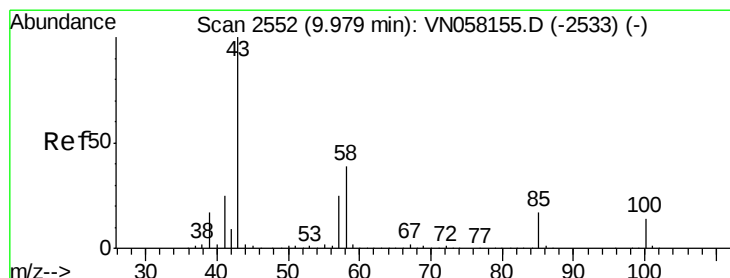
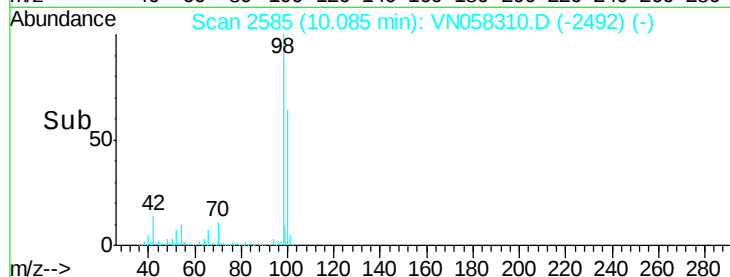
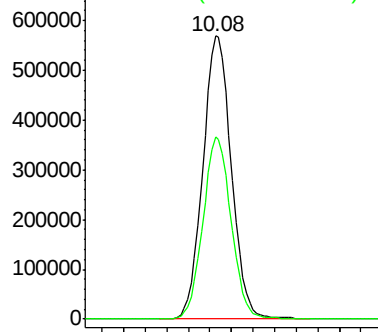
98 100

100 63.8 51.1 76.7



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: 0.868 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058310.D

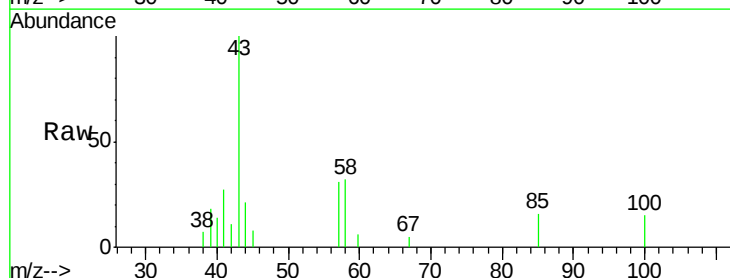
Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 5212

Ion Ratio Lower Upper

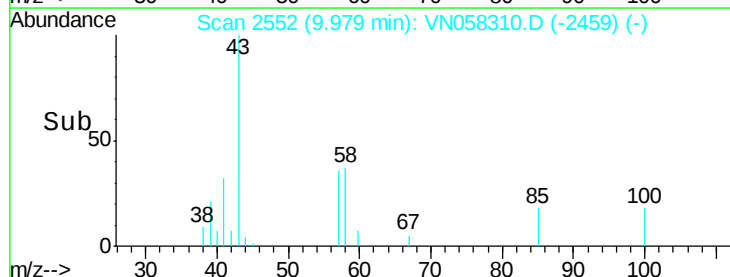
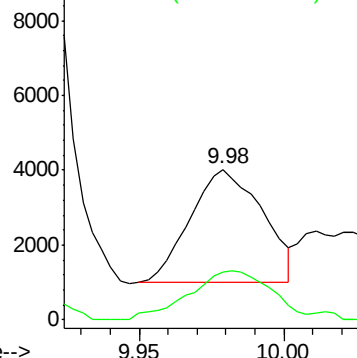
43 100

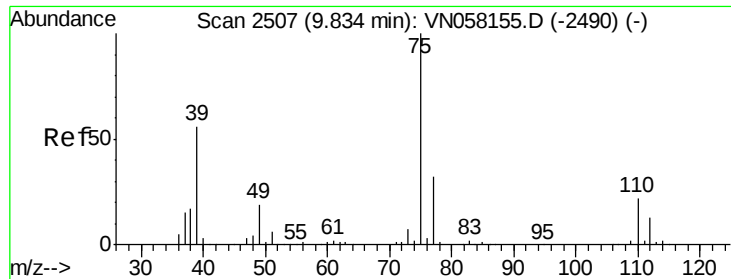
58 49.3 30.2 45.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



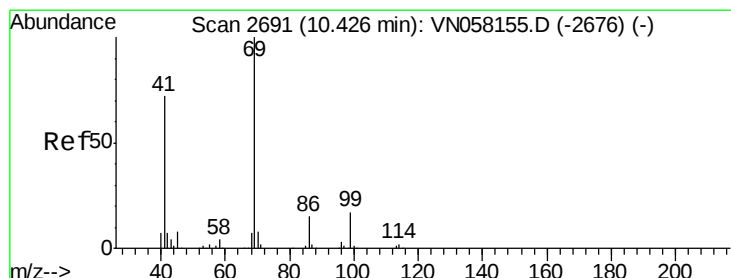
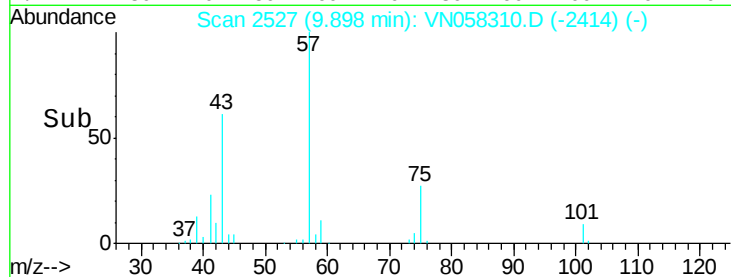
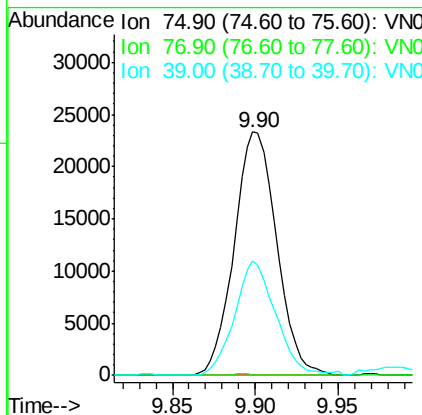
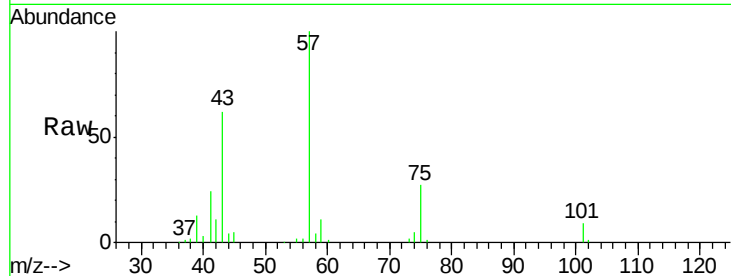


#54

cis-1,3-Dichloropropene
 Concen: 5.414 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058310.D
 Acq: 23 Sep 2019 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123296TB

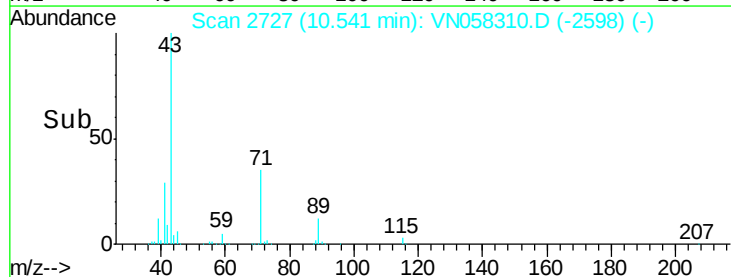
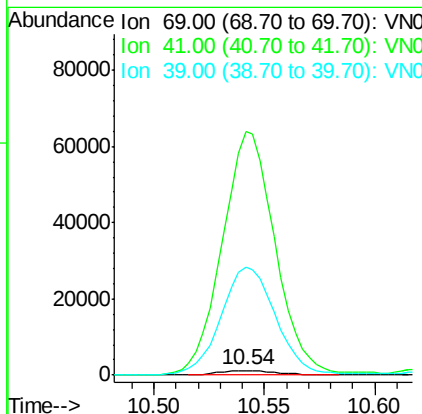
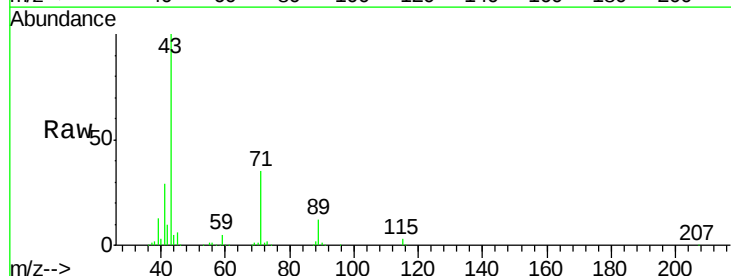
Tot Ion: 75 Resp: 41499
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 47.2 45.0 67.6

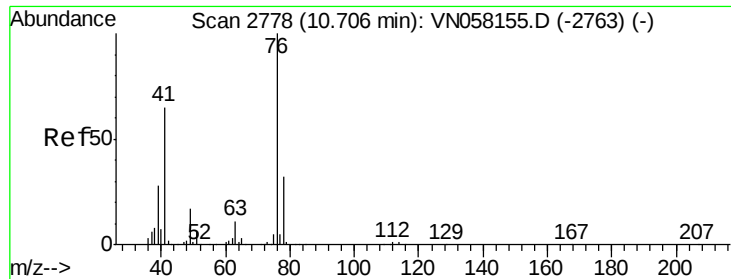


#56

Ethyl methacrylate
 Concen: 0.300 ug/l
 RT: 10.54 min Scan# 2727
 Delta R.T. 0.12 min
 Lab File: VN058310.D
 Acq: 23 Sep 2019 22:32

Tgt Ion: 69 Resp: 2148
 Ion Ratio Lower Upper
 69 100
 41 4963.6 57.5 86.3#
 39 2275.3 36.1 54.1#

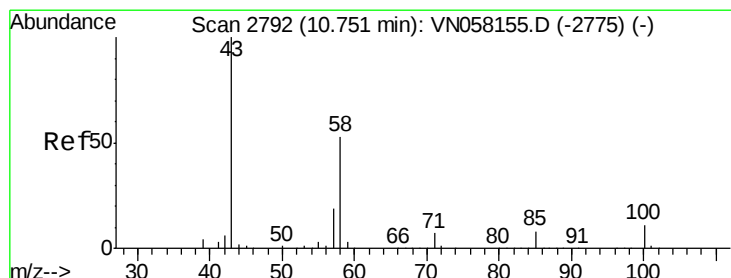
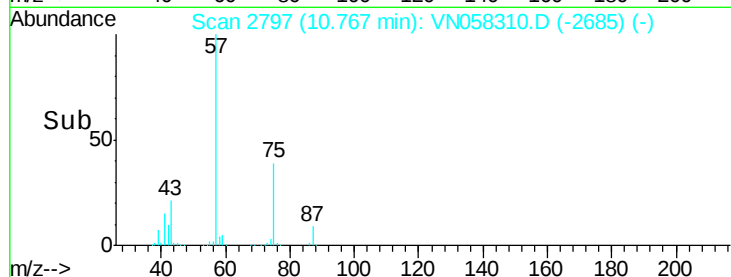
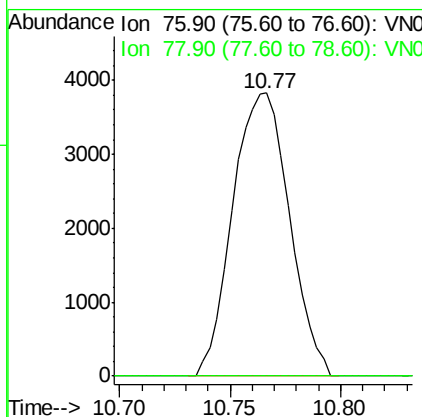
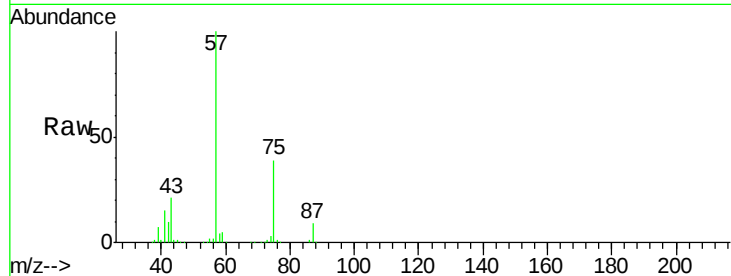




#57
 1,3-Dichloropropane
 Concen: 0.803 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN058310.D
 Acq: 23 Sep 2019 22:32

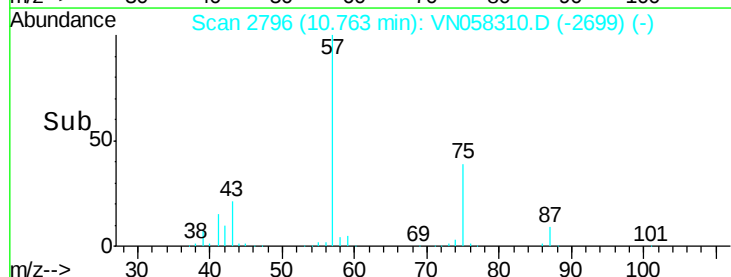
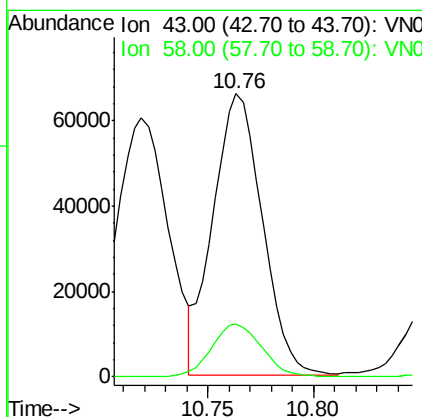
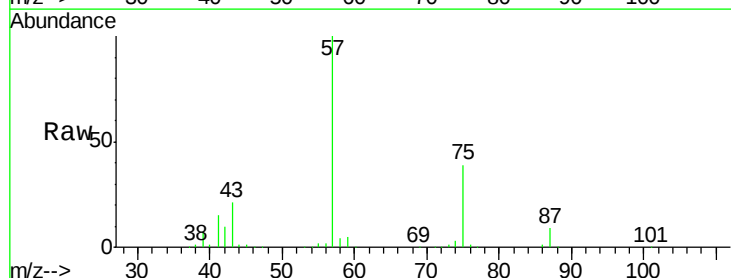
Instrument :
 MSVOA_N
 ClientSampleId :
 PB123296TB

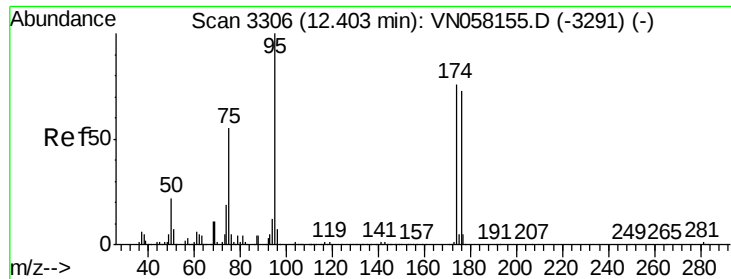
Tot Ion: 76 Resp: 6840
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#



#59
 2-Hexanone
 Concen: 23.936 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN058310.D
 Acq: 23 Sep 2019 22:32

Tgt Ion: 43 Resp: 106757
 Ion Ratio Lower Upper
 43 100
 58 19.3 26.0 78.0#





#62

4-Bromofluorobenzene

Concen: 47.087 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampled :

PB123296TB

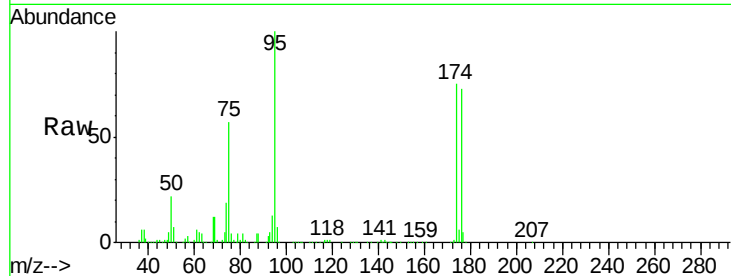
Tot Ion: 95 Resp: 335119

Ion Ratio Lower Upper

95 100

174 75.4 0.0 152.2

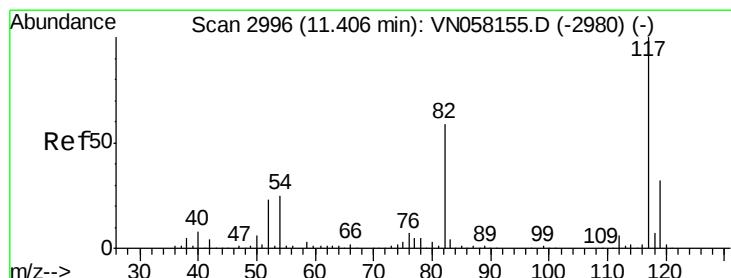
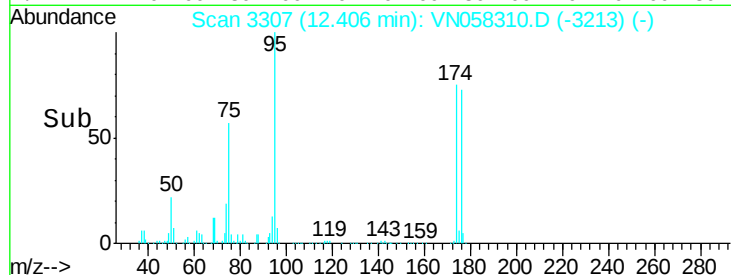
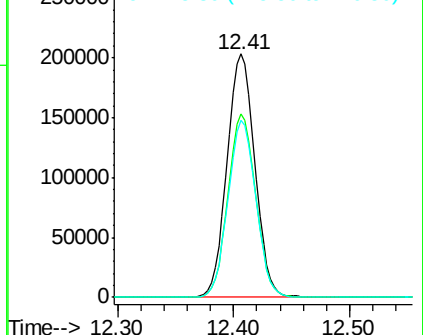
176 73.0 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

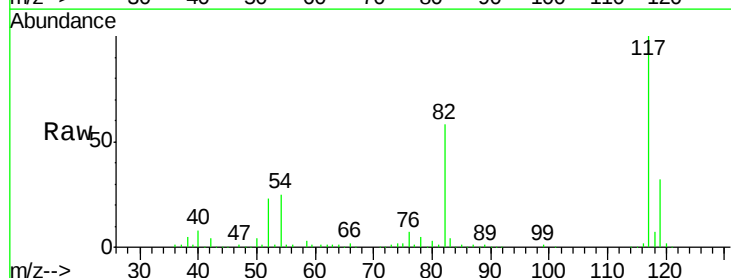
Tgt Ion: 117 Resp: 714141

Ion Ratio Lower Upper

117 100

82 58.4 46.9 70.3

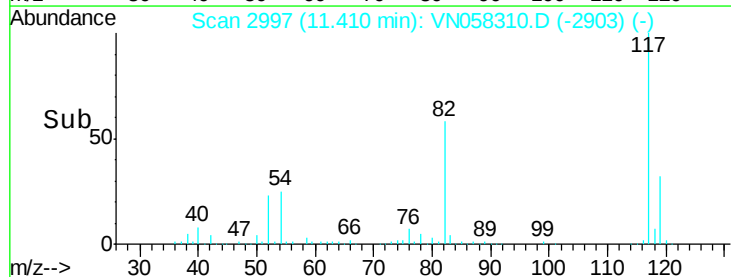
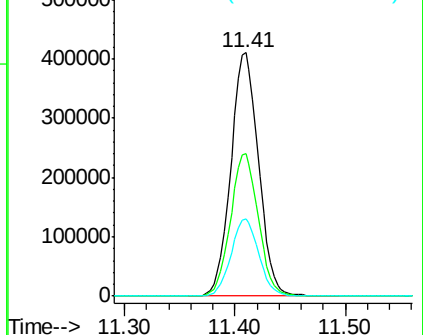
119 31.8 25.3 37.9

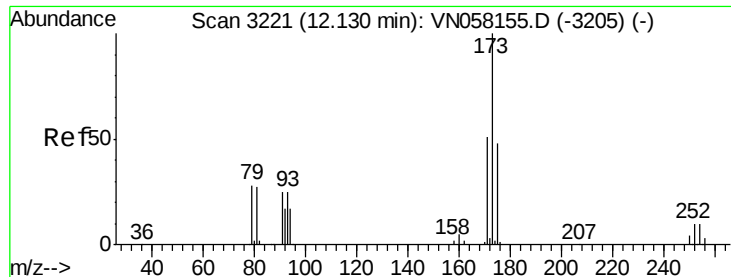


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

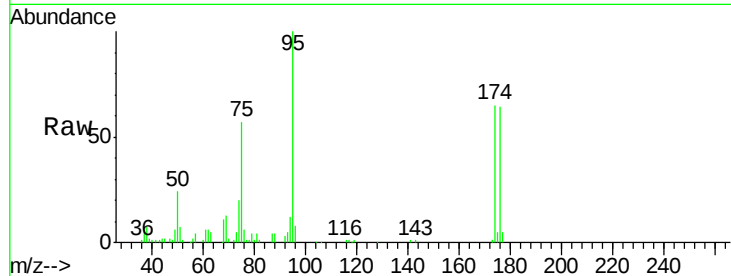




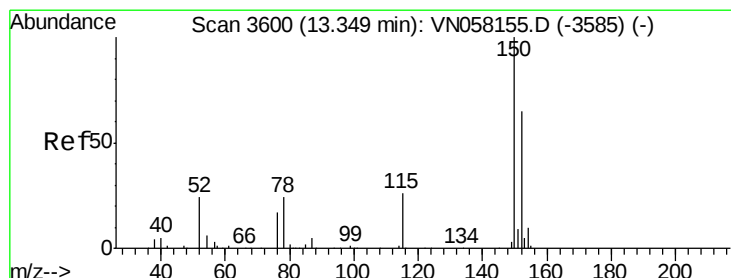
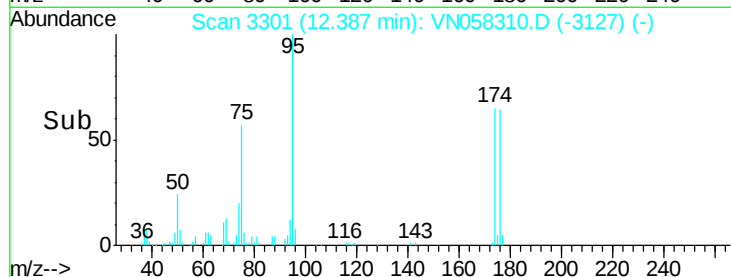
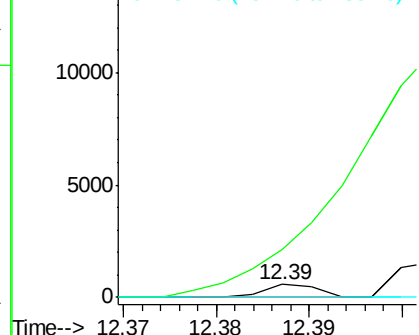
#71
Bromoform
Concen: 3.660 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Instrument :
MSVOA_N
ClientSampleId :
PB123296TB

Tot Ion:173 Resp: 237
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.1 0.1#

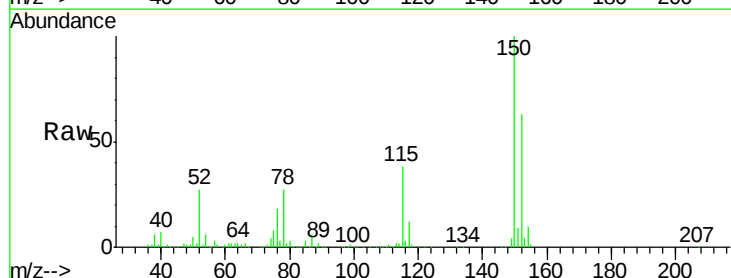


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

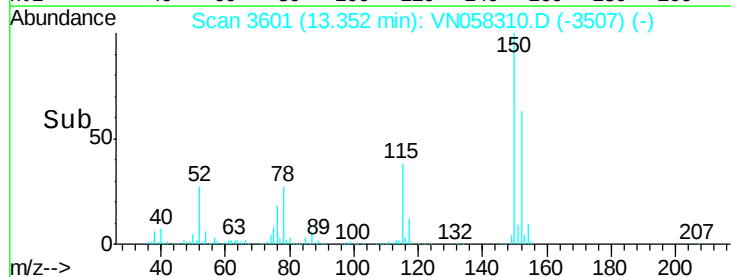
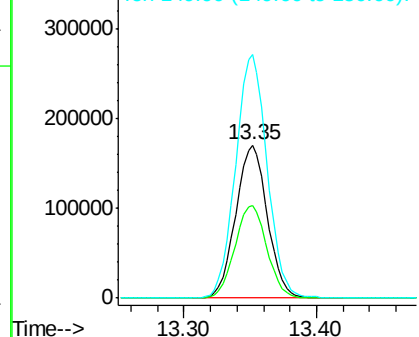


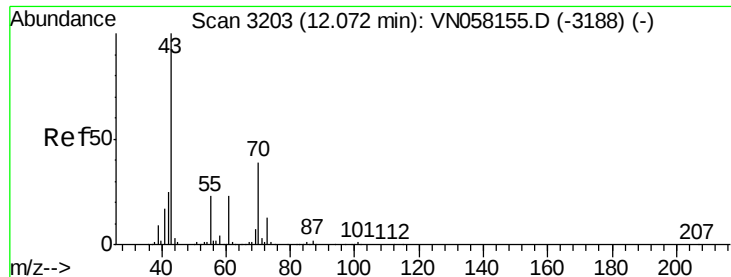
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058310.D
Acq: 23 Sep 2019 22:32

Tgt Ion:152 Resp: 281797
Ion Ratio Lower Upper
152 100
115 61.5 30.1 90.3
150 158.9 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: 0.560 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampleId :

PB123296TB

Tot Ion: 43 Resp: 4132

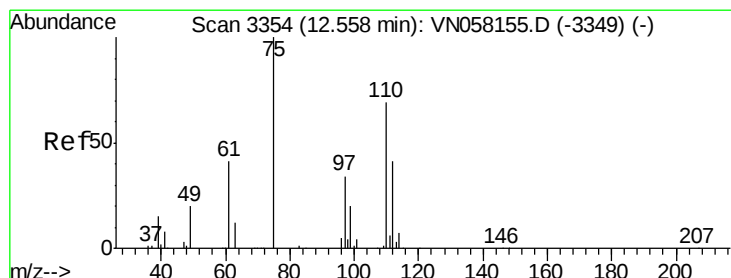
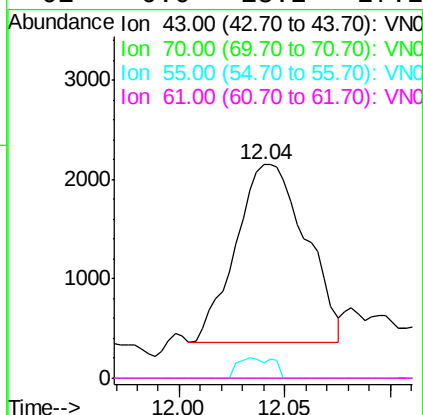
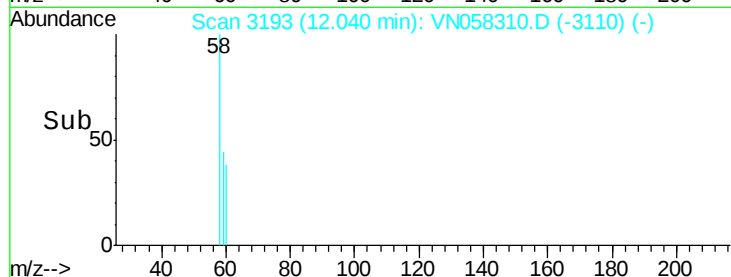
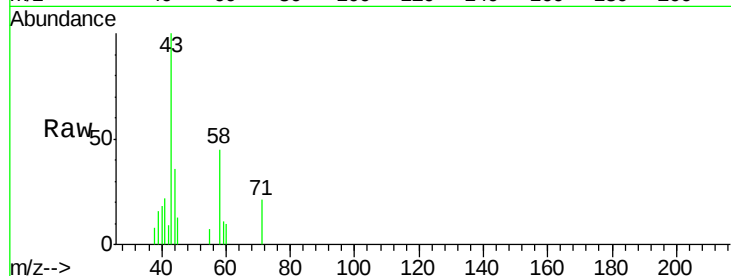
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 6.0 18.5 27.7#

61 0.0 18.2 27.2#



#76

1,2,3-Trichloropropane

Concen: 37.572 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058310.D

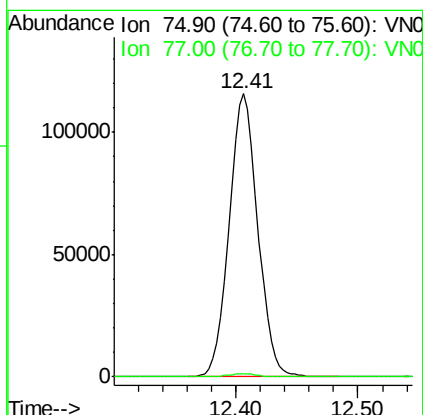
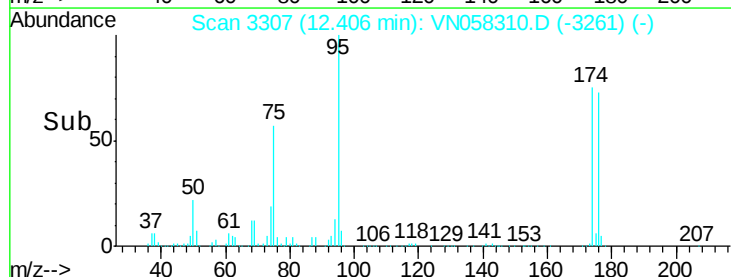
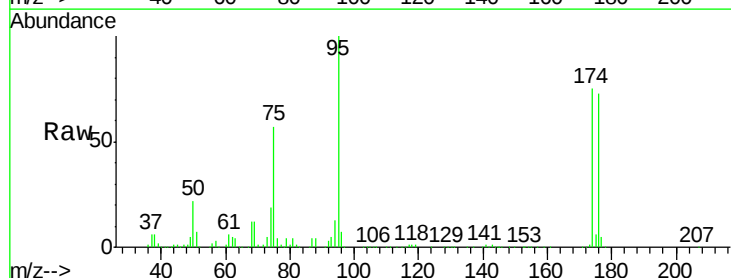
Acq: 23 Sep 2019 22:32

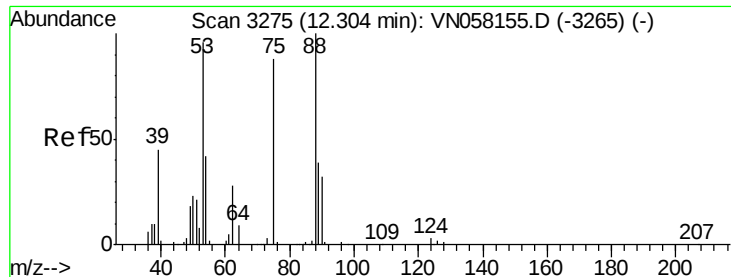
Tgt Ion: 75 Resp: 189486

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 104.677 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058310.D

Acq: 23 Sep 2019 22:32

Instrument :

MSVOA_N

ClientSampled :

PB123296TB

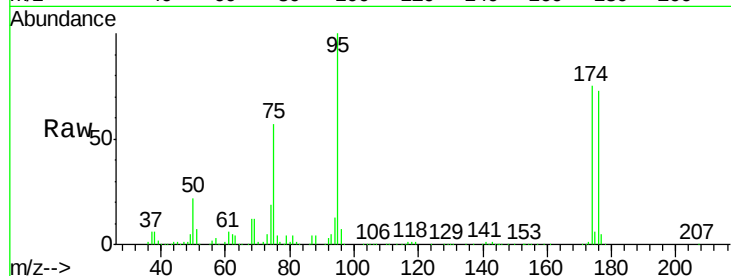
Tot Ion: 75 Resp: 189486

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

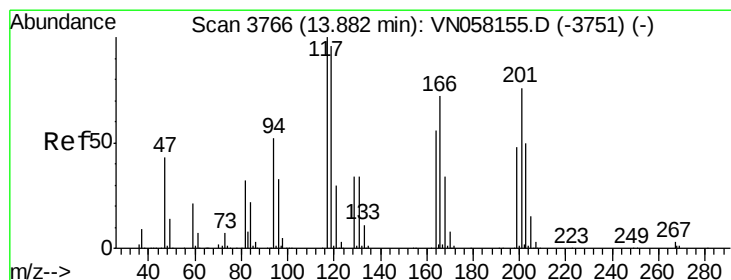
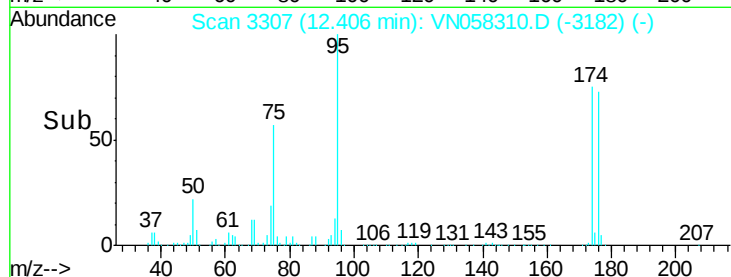
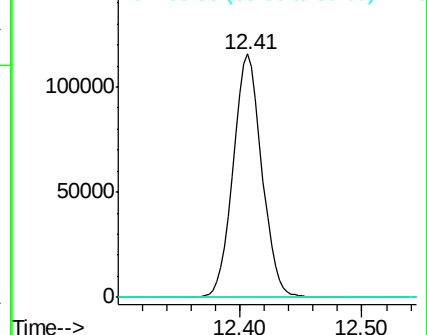
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN058310.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058310.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058310.D (-3182) (-)



#90

Hexachloroethane

Concen: 2.847 ug/l

RT: 13.69 min Scan# 3705

Delta R.T. -0.20 min

Lab File: VN058310.D

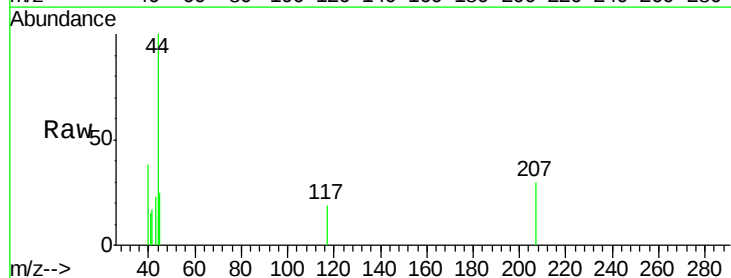
Acq: 23 Sep 2019 22:32

Tgt Ion: 117 Resp: 70

Ion Ratio Lower Upper

117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): VN058310.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN058310.D (-3673) (-)

