

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059404.D
 Acq On : 26 Nov 2019 14:24
 Operator : JC/SP
 Sample : PB125099TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125099TB

Quant Time: Nov 27 00:40:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	373705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	569171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	504269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	188856	50.00	ug/l	0.00

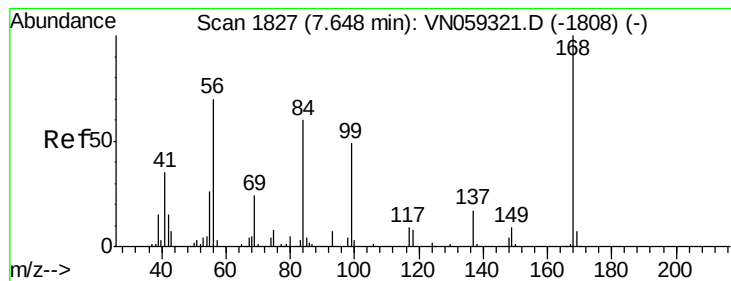
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	209881	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	7.57	113	169843	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.08	98	697201	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.40	95	225879	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.71	59	462	0.515	ug/l #	73
16) Acetone	3.79	43	7440	3.701	ug/l	92
17) Carbon Disulfide	4.03	76	2348	0.325	ug/l #	81
18) Methyl Acetate	4.30	43	5351	0.802	ug/l #	87
20) Methylene Chloride	4.52	84	7232	1.595	ug/l	91
29) Tetrahydrofuran	7.19	42	763	0.353	ug/l #	40
31) Cyclohexane	7.65	56	6734	0.853	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	26937	4.584	ug/l #	49
38) Carbon Tetrachloride	7.64	117	33987	6.042	ug/l #	16
43) Isopropyl Acetate	8.15	43	86059	8.917	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	1991	0.433	ug/l #	45
48) Methyl methacrylate	9.17	41	5265	1.200	ug/l #	14
49) 1,4-Dioxane	9.25	88	76	1.152	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5403	0.956	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	38821	5.448	ug/l #	60
56) Ethyl methacrylate	10.54	69	1227	2.365	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6560	0.934	ug/l #	42
59) 2-Hexanone	10.76	43	92658	22.401	ug/l #	54
71) Bromoform	12.40	173	1250	0.419	ug/l #	1
74) N-amyl acetate	12.06	43	1604	0.258	ug/l #	70
76) 1,2,3-Trichloropropane	12.40	75	108193	24.798	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11012	0.847	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	108193	62.023	ug/l #	14
89) n-Butylbenzene	13.62	91	2578	0.224	ug/l	90
91) 1,2-Dichlorobenzene	13.66	146	1295	0.200	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1041	0.957	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.91	180	3117	3.668	ug/l	89
94) Hexachlorobutadiene	15.01	225	645	0.277	ug/l	87
95) Naphthalene	15.13	128	11683	4.151	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	3631	2.786	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059404.D

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Instrument :

MSVOA_N

ClientSampleId :

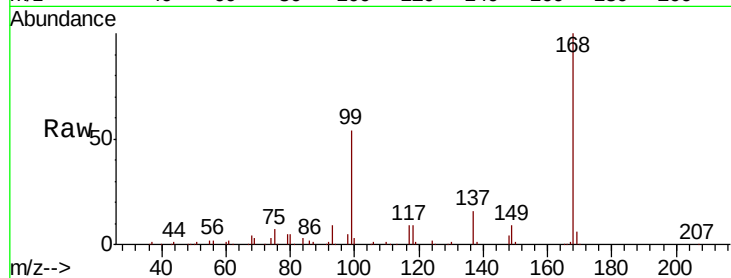
PB125099TB

Tot Ion:168 Resp: 373705

Ion Ratio Lower Upper

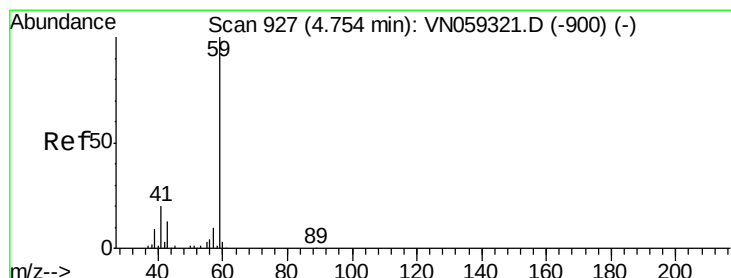
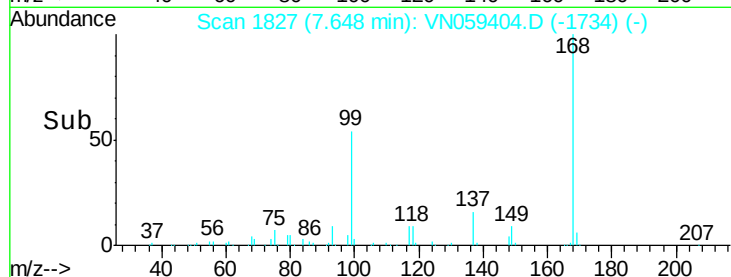
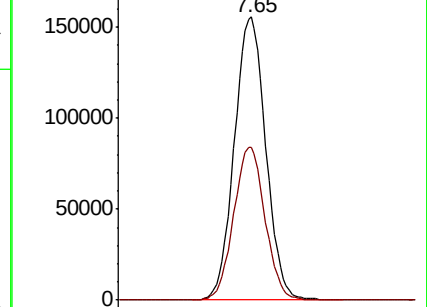
168 100

99 54.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.515 ug/l

RT: 4.71 min Scan# 914

Delta R.T. -0.04 min

Lab File: VN059404.D

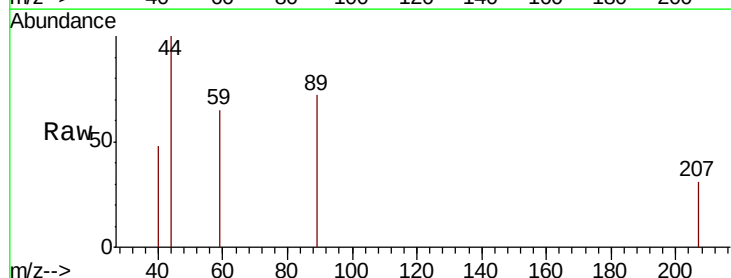
Acq: 26 Nov 2019 14:24

Tgt Ion: 59 Resp: 462

Ion Ratio Lower Upper

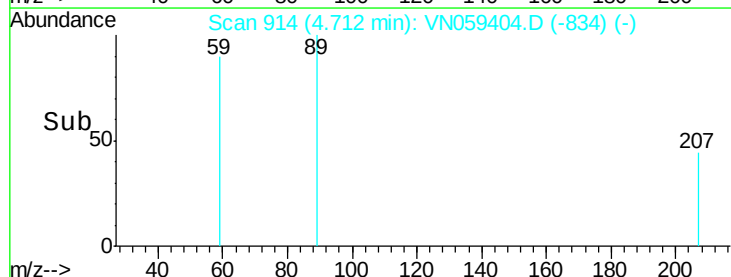
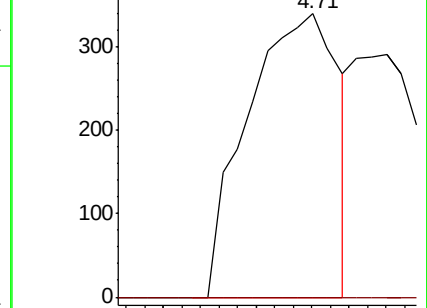
59 100

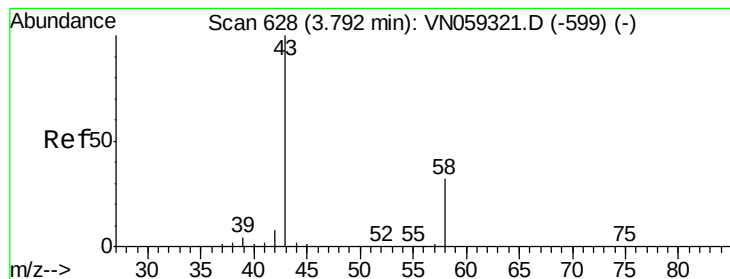
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 3.701 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

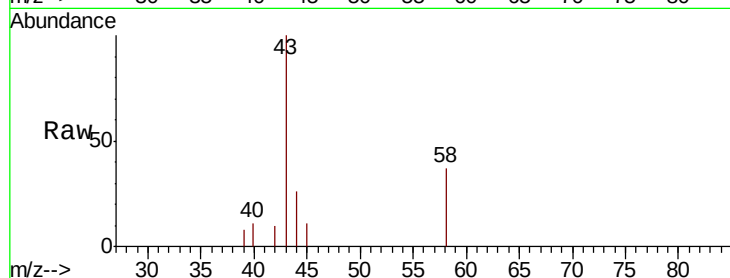
PB125099TB

Tot Ion: 43 Resp: 7440

Ion Ratio Lower Upper

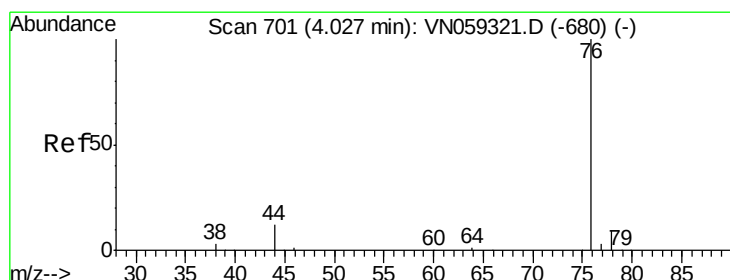
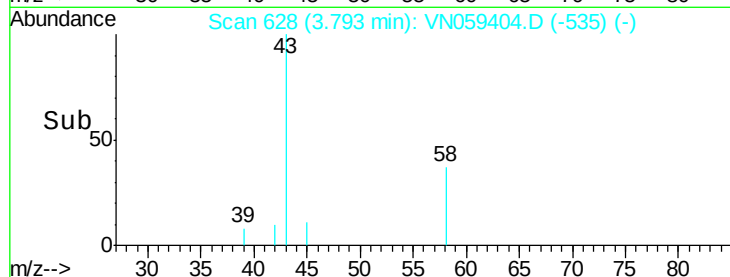
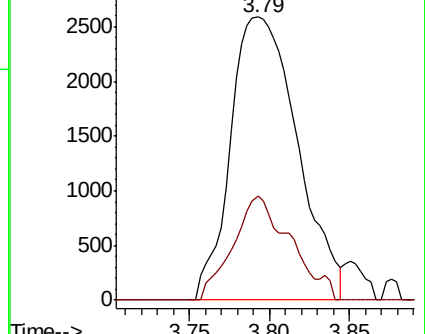
43 100

58 36.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.325 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059404.D

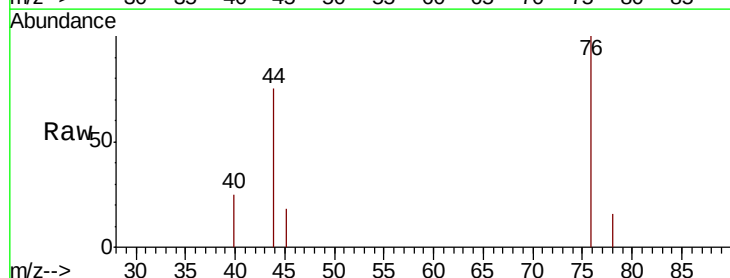
Acq: 26 Nov 2019 14:24

Tgt Ion: 76 Resp: 2348

Ion Ratio Lower Upper

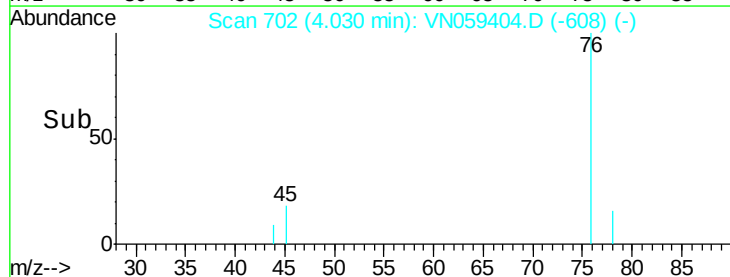
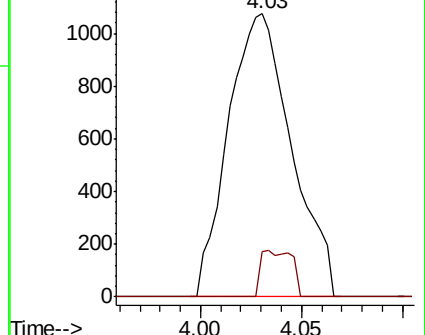
76 100

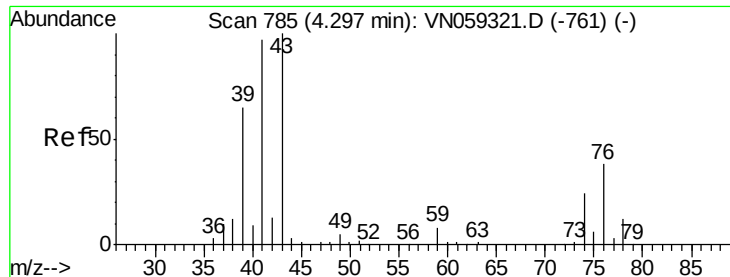
78 16.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#18

Methyl Acetate

Concen: 0.802 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

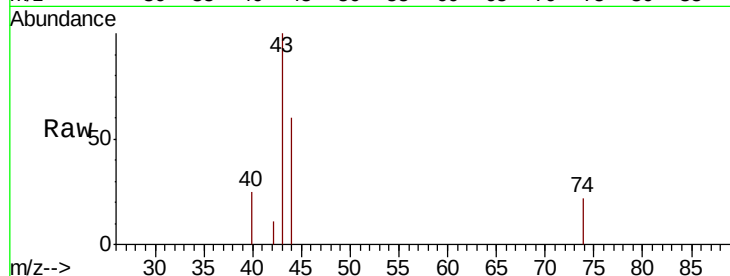
PB125099TB

Tot Ion: 43 Resp: 5351

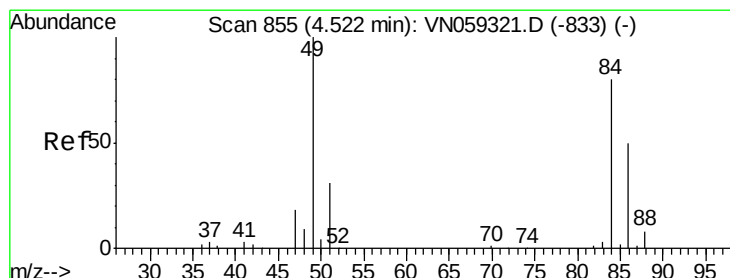
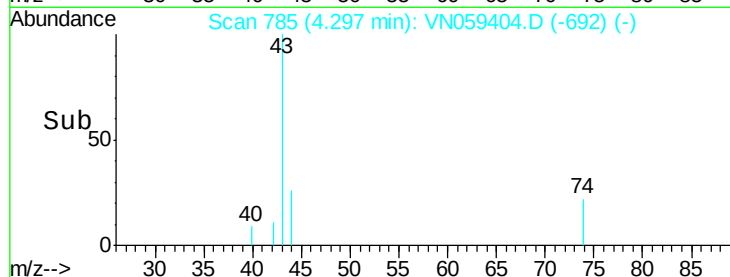
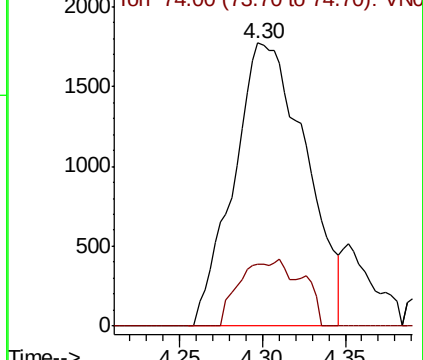
Ion Ratio Lower Upper

43 100

74 16.5 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VN059404.D (-692) (-)



#20

Methylene Chloride

Concen: 1.595 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Tgt Ion: 84 Resp: 7232

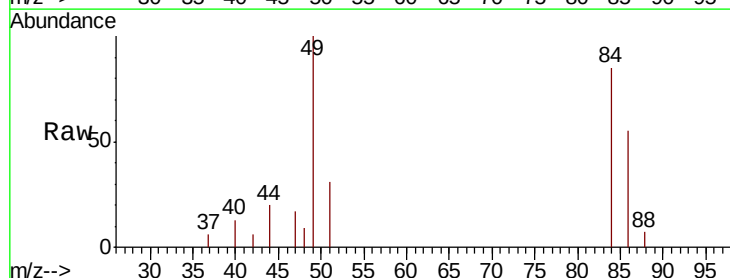
Ion Ratio Lower Upper

84 100

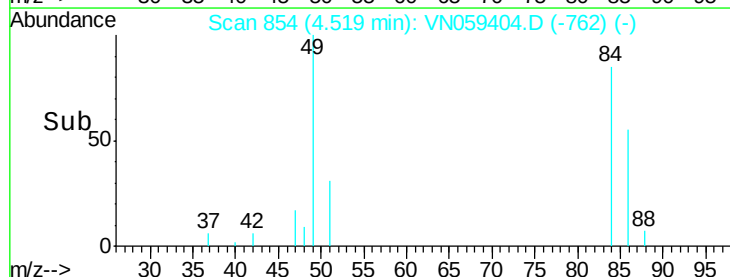
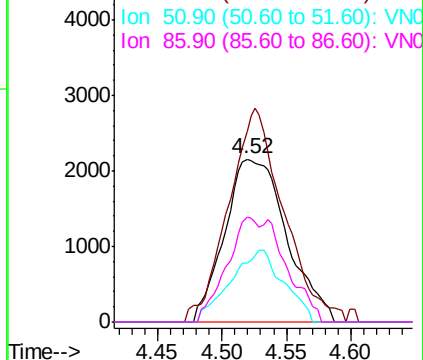
49 109.1 99.5 149.3

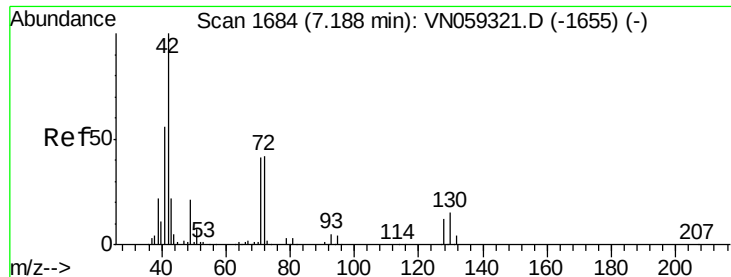
51 36.4 31.1 46.7

86 64.2 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VN059404.D (-762) (-)





#29

Tetrahydrofuran

Concen: 0.353 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

PB125099TB

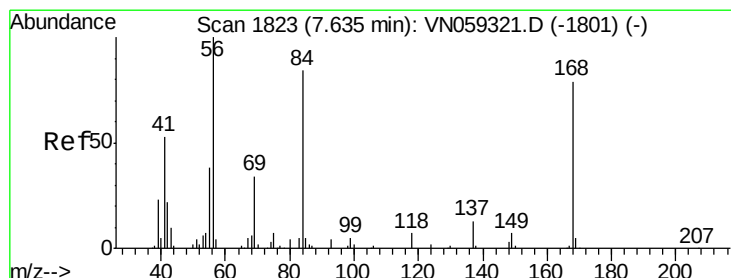
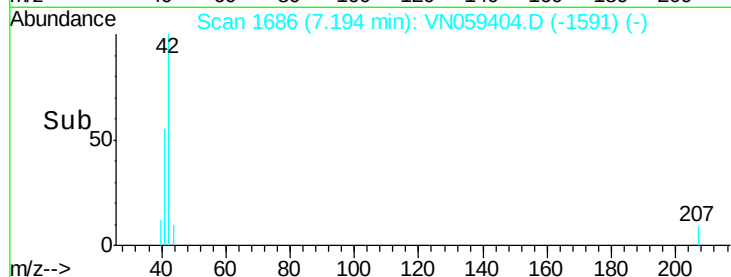
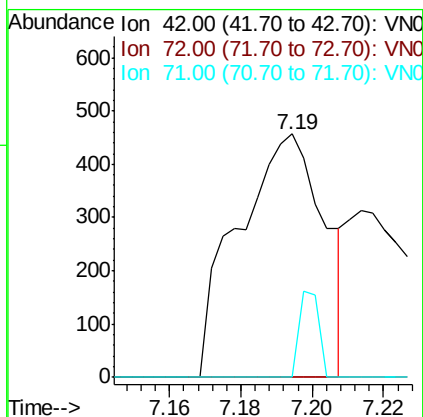
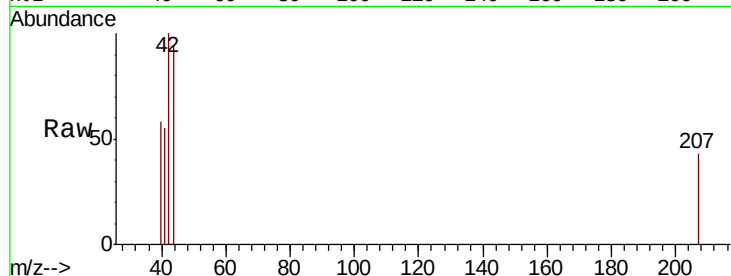
Tot Ion: 42 Resp: 763

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 8.0 32.6 48.8#



#31

Cyclohexane

Concen: 0.853 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

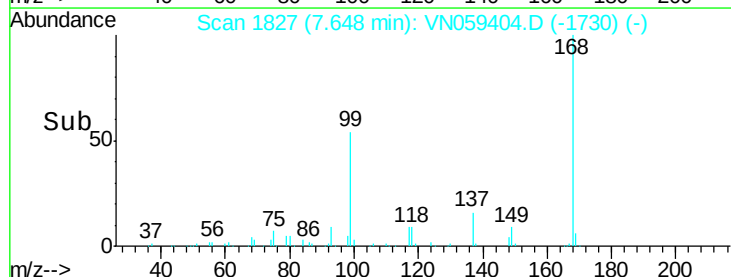
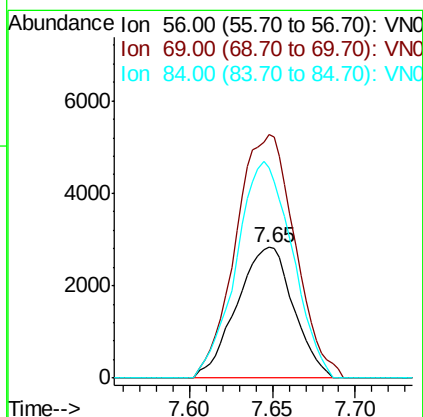
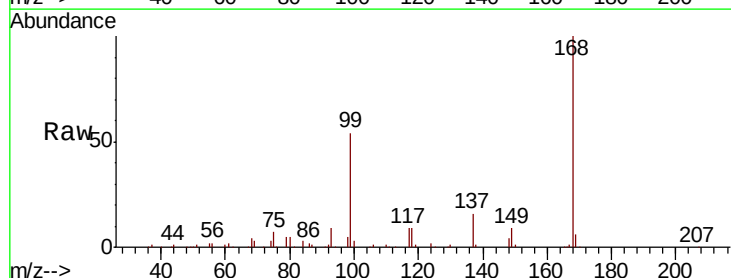
Tgt Ion: 56 Resp: 6734

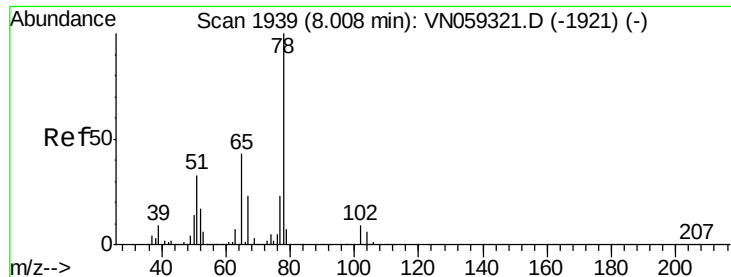
Ion Ratio Lower Upper

56 100

69 186.0 26.6 40.0#

84 160.8 67.0 100.4#

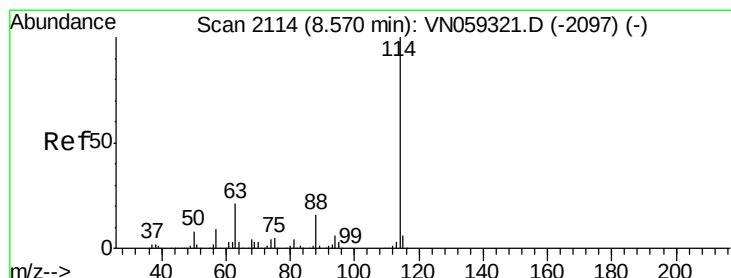
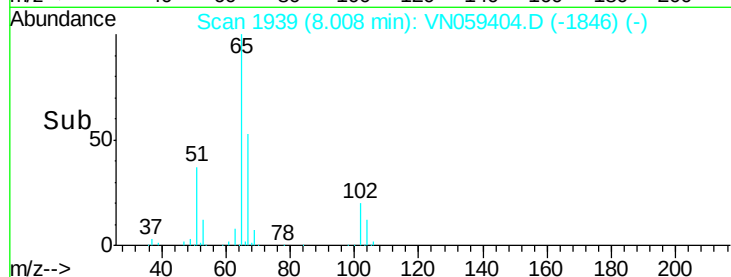
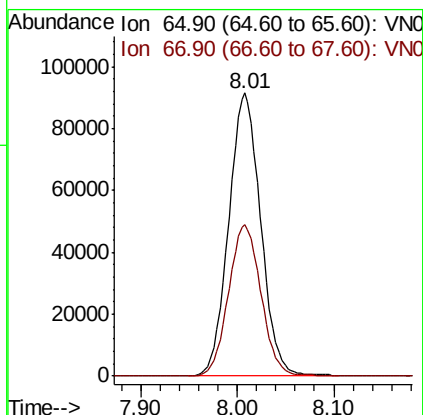
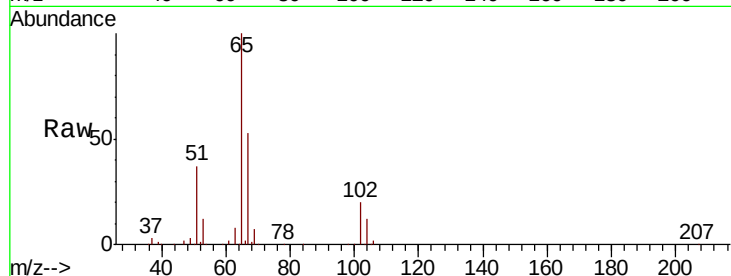




#33
 1,2-Dichloroethane-d4
 Concen: 46.808 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

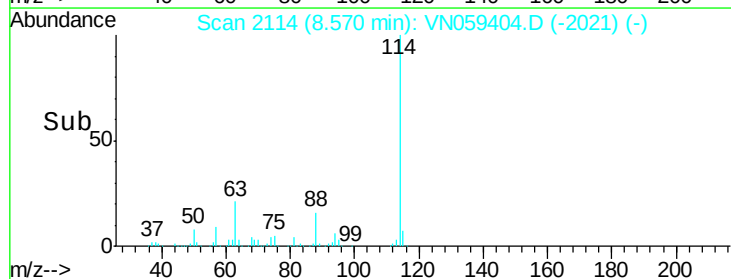
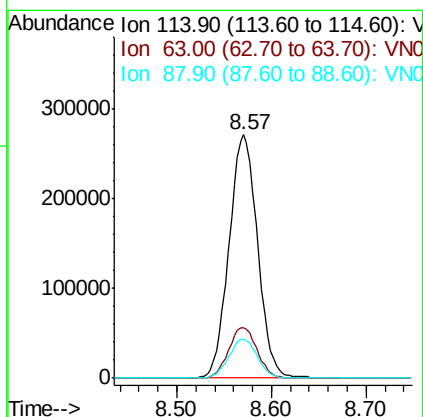
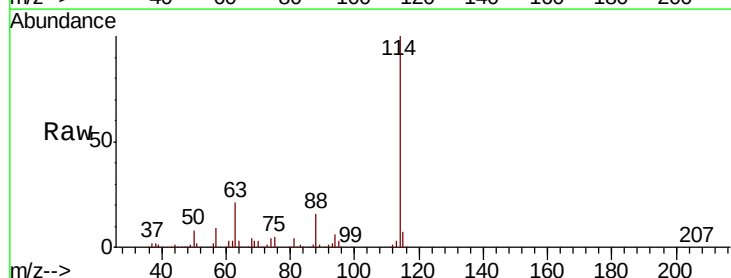
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125099TB

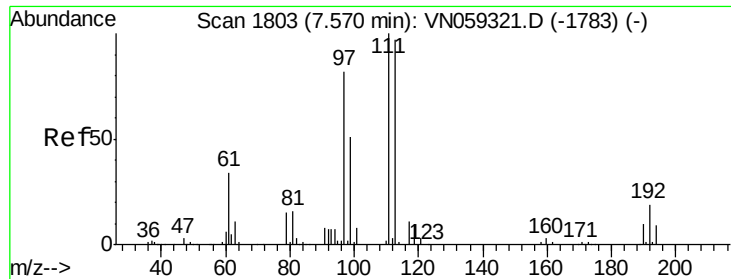
Tot Ion: 65 Resp: 209881
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

Tgt Ion: 114 Resp: 569171
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.2
 88 16.1 0.0 32.2

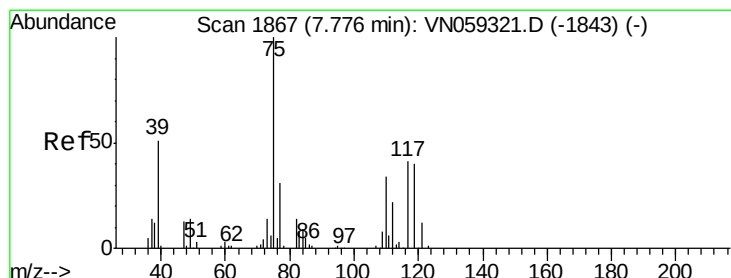
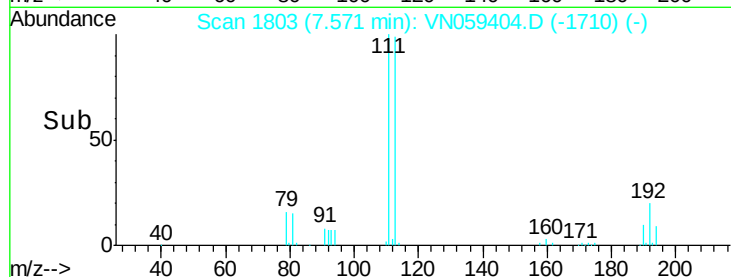
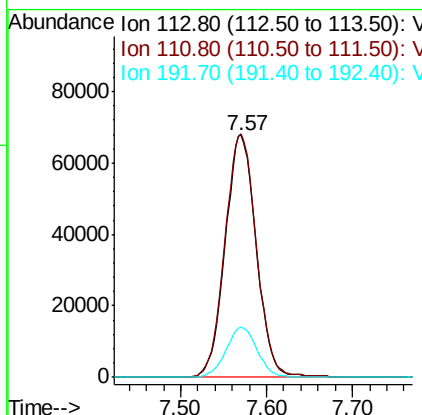
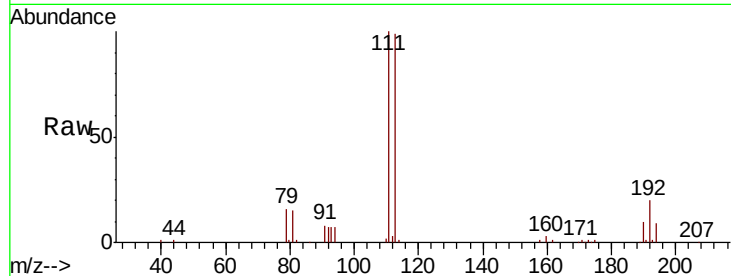




#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

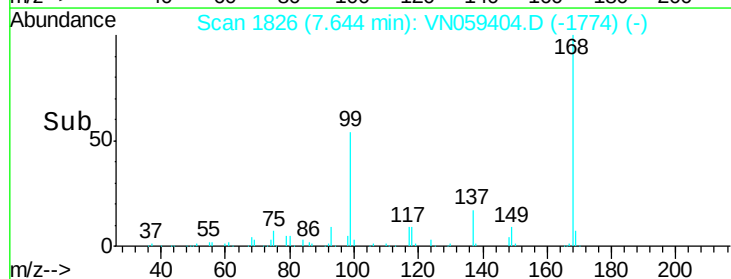
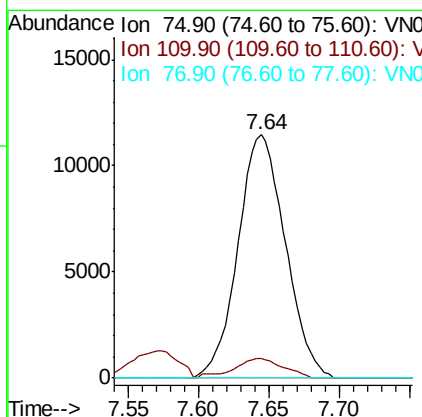
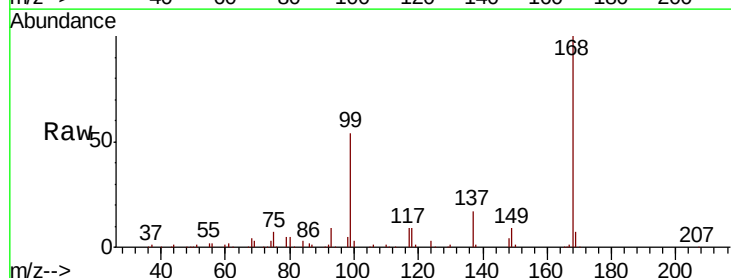
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125099TB

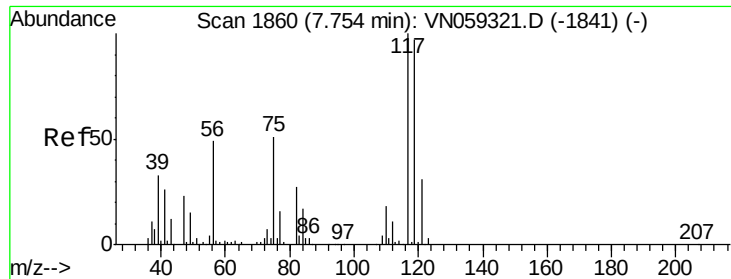
Tot Ion:113 Resp: 169843
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 20.7 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

Tgt Ion: 75 Resp: 26937
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.0 51.0#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.042 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

PB125099TB

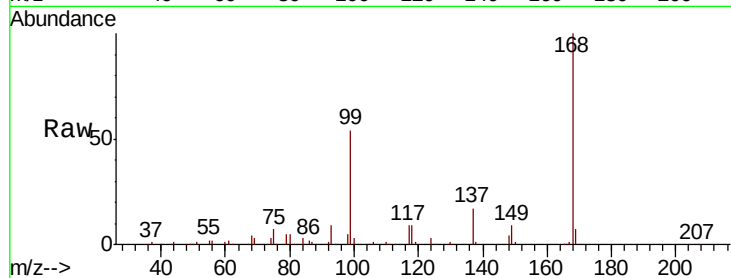
Tot Ion:117 Resp: 33987

Ion Ratio Lower Upper

117 100

119 5.7 77.0 115.4#

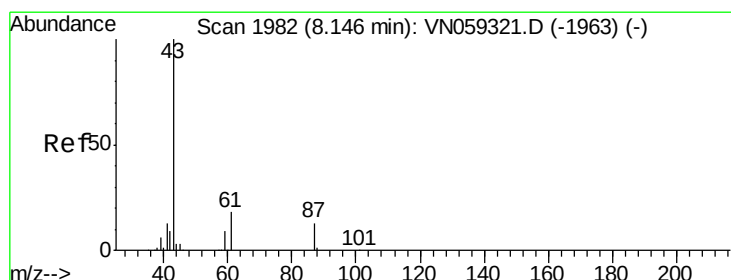
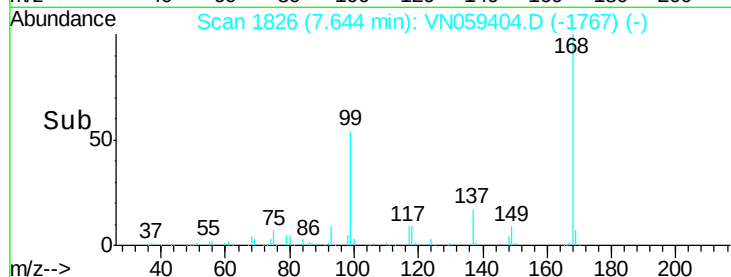
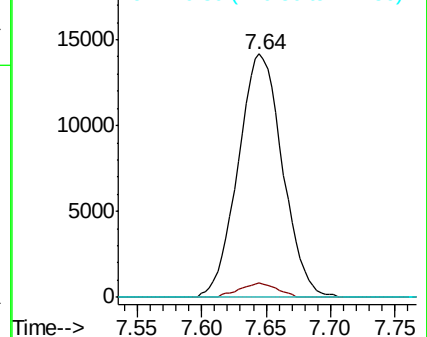
121 0.0 24.4 36.6#



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



#43

Isopropyl Acetate

Concen: 8.917 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

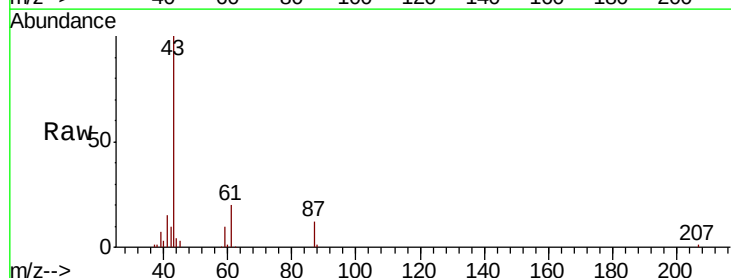
Tgt Ion: 43 Resp: 86059

Ion Ratio Lower Upper

43 100

61 21.0 21.7 32.5#

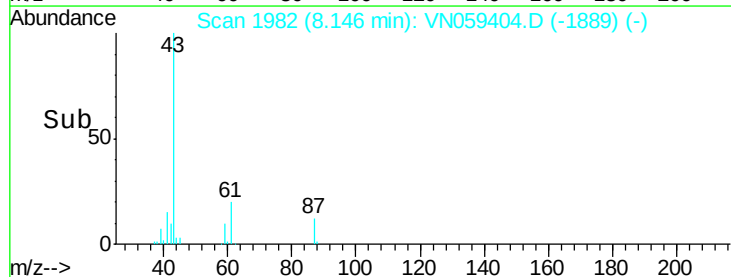
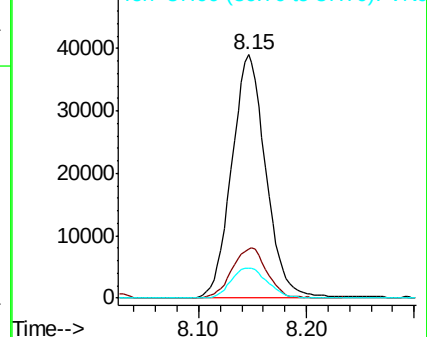
87 13.1 10.2 15.4

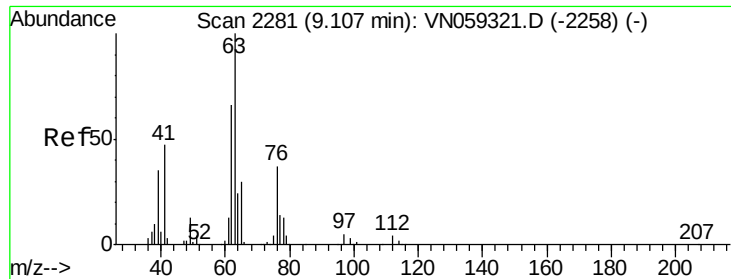


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.433 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.14 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

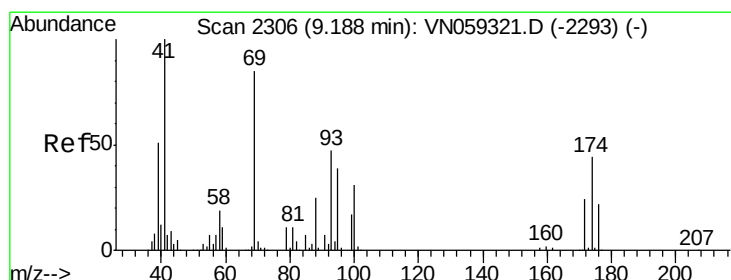
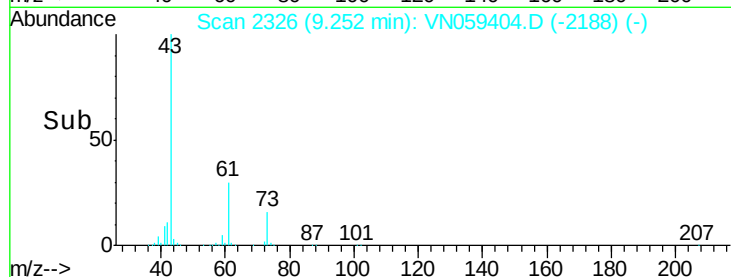
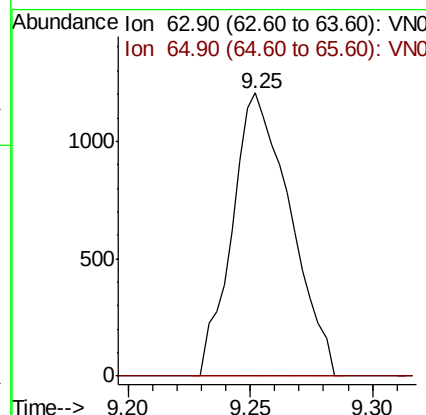
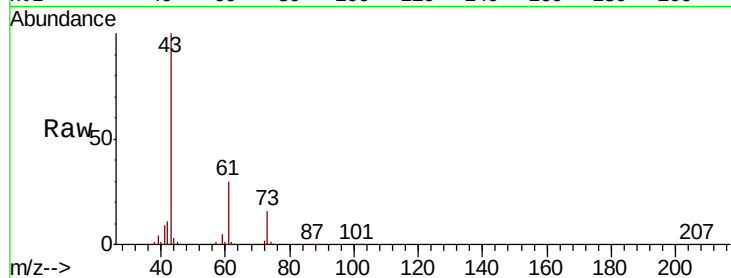
PB125099TB

Tot Ion: 63 Resp: 1991

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.200 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.02 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

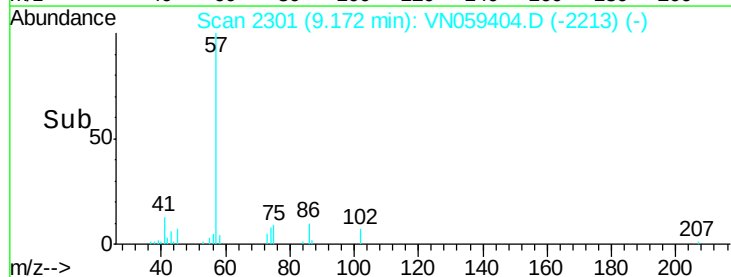
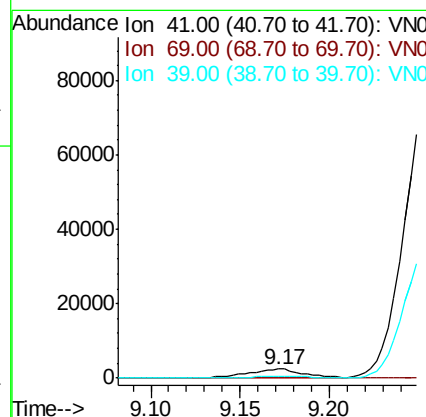
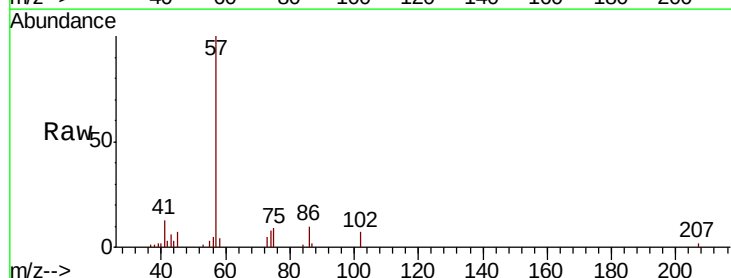
Tgt Ion: 41 Resp: 5265

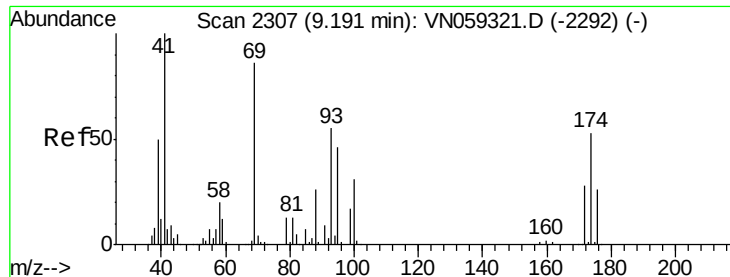
Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 0.0 42.1 63.1#





#49

1,4-Dioxane

Concen: 1.152 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.06 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

PB125099TB

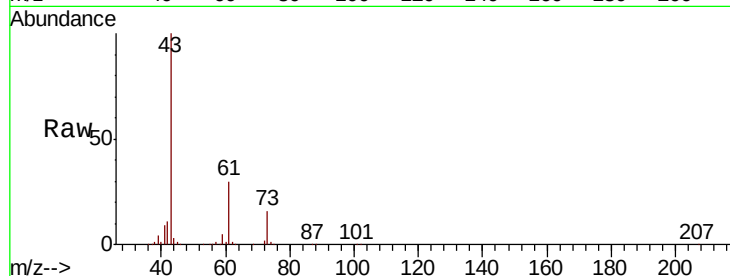
Tot Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

43 2020919.7 26.9 40.3#

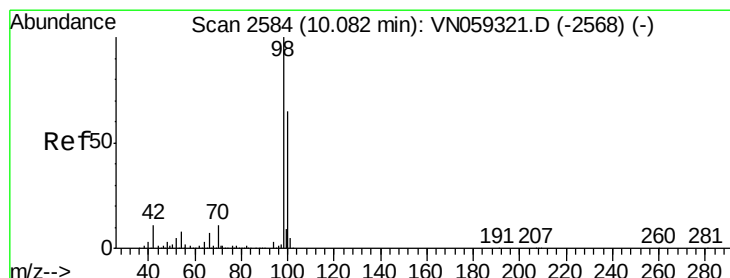
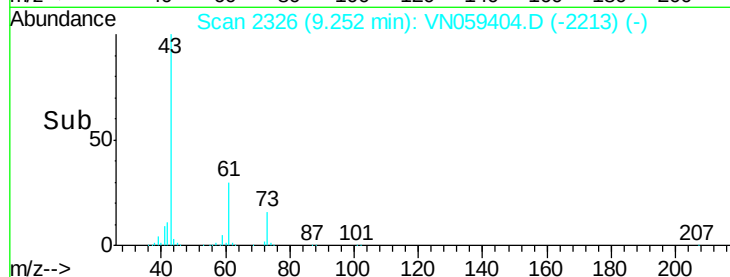
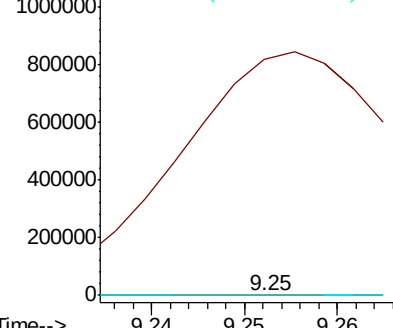
58 8661.8 59.2 88.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.359 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059404.D

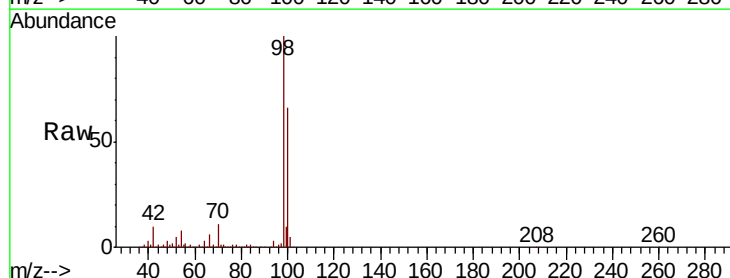
Acq: 26 Nov 2019 14:24

Tgt Ion: 98 Resp: 697201

Ion Ratio Lower Upper

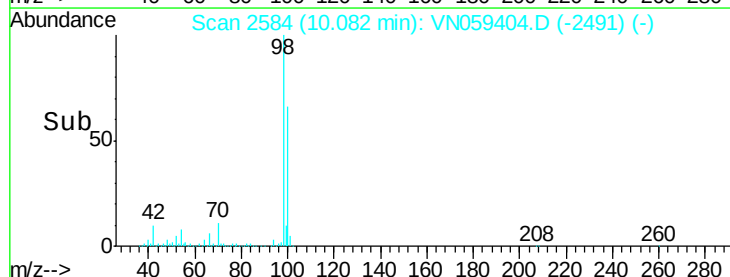
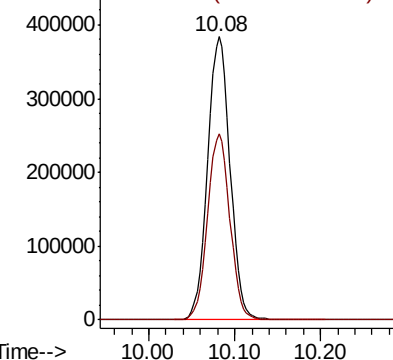
98 100

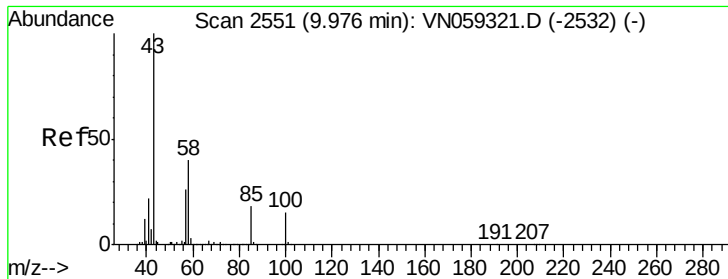
100 65.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.956 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

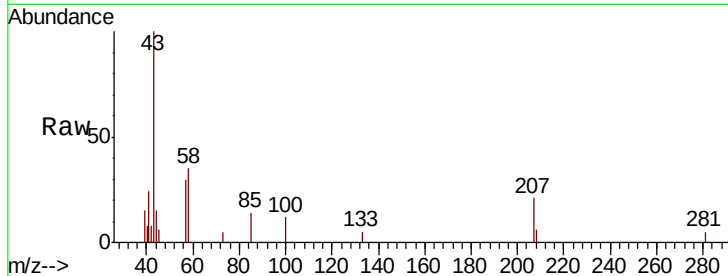
PB125099TB

Tot Ion: 43 Resp: 5403

Ion Ratio Lower Upper

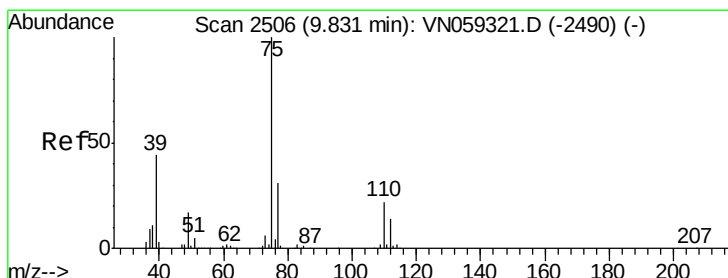
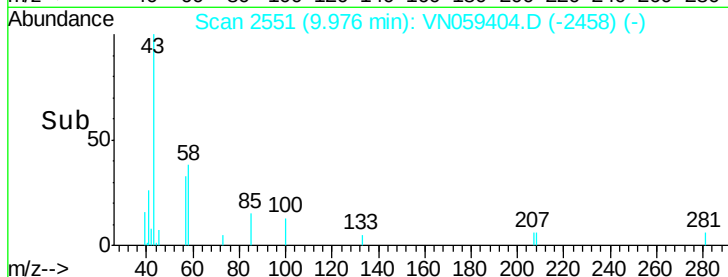
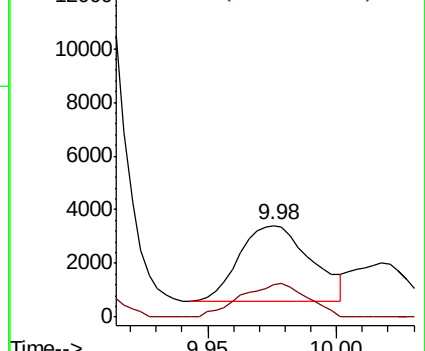
43 100

58 41.6 31.8 47.8



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: 5.448 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

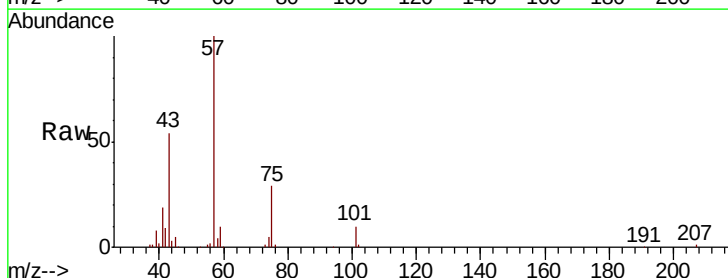
Tgt Ion: 75 Resp: 38821

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

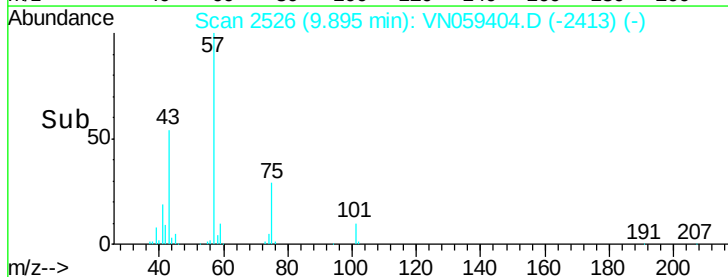
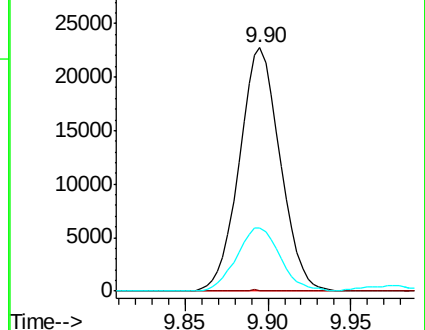
39 26.1 35.5 53.3#

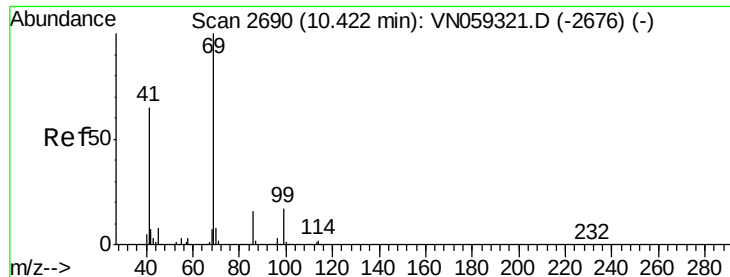


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.365 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

PB125099TB

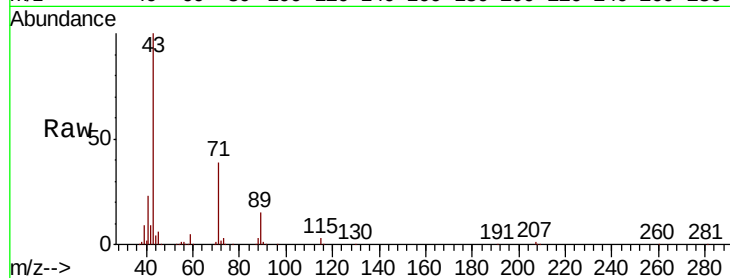
Tot Ion: 69 Resp: 1227

Ion Ratio Lower Upper

69 100

41 5844.3 51.7 77.5#

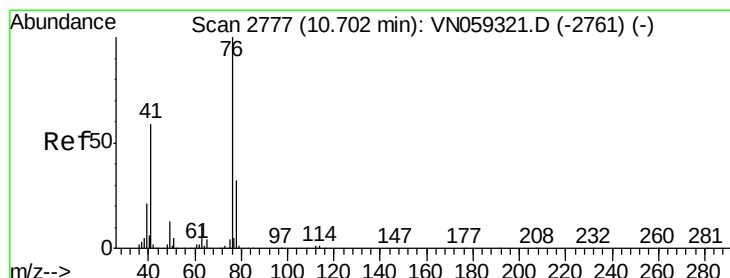
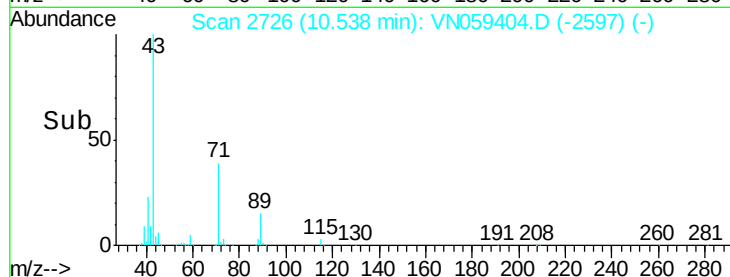
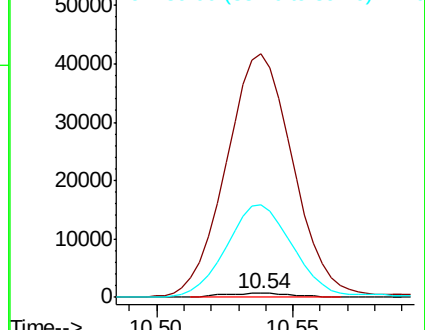
39 2227.2 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.934 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059404.D

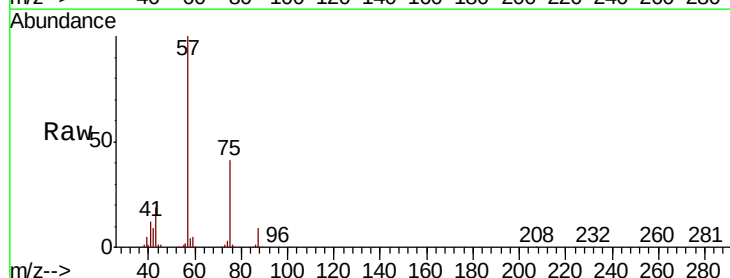
Acq: 26 Nov 2019 14:24

Tgt Ion: 76 Resp: 6560

Ion Ratio Lower Upper

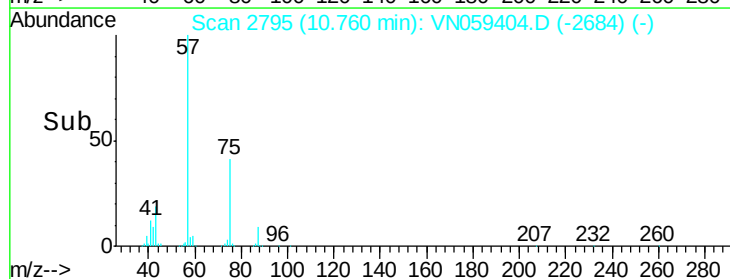
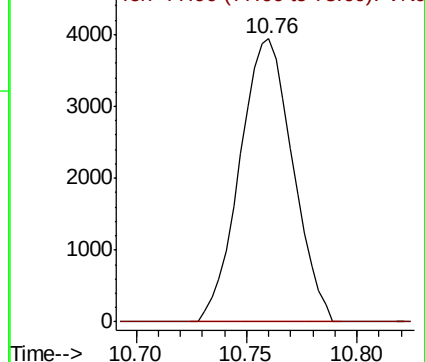
76 100

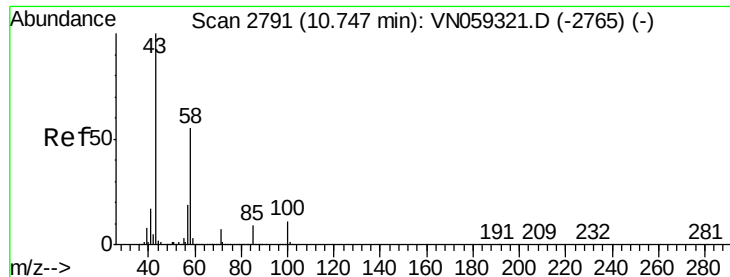
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

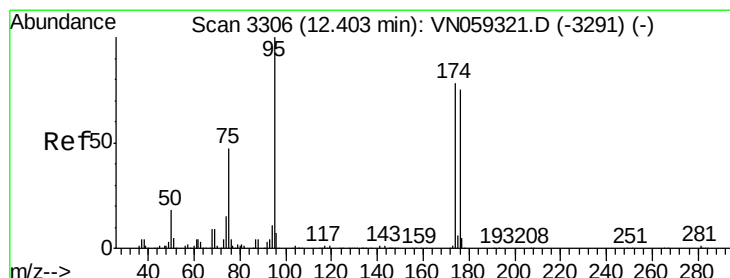
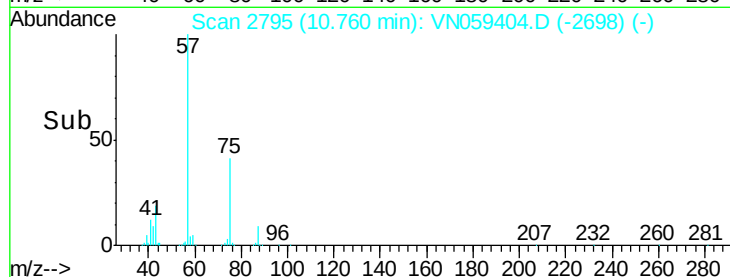
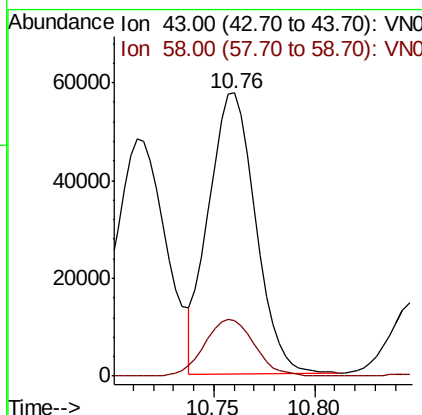
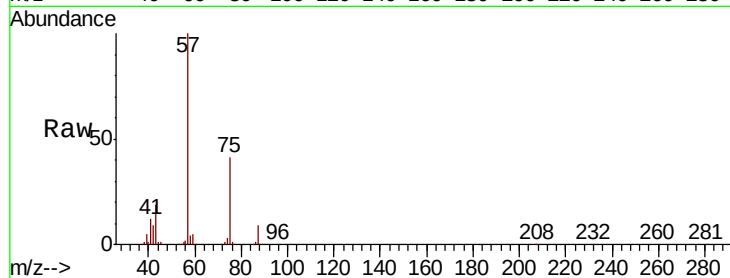




#59
2-Hexanone
Concen: 22.401 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

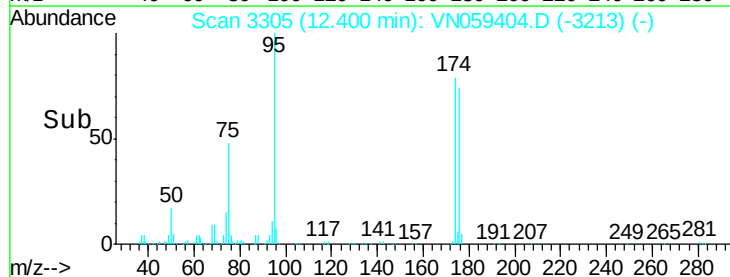
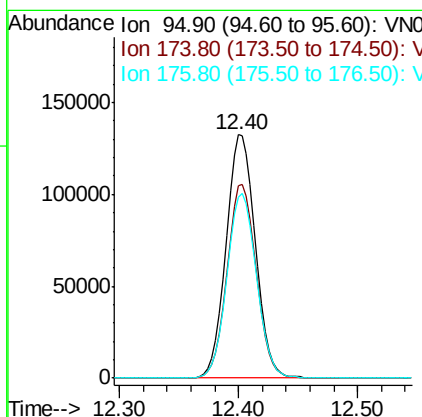
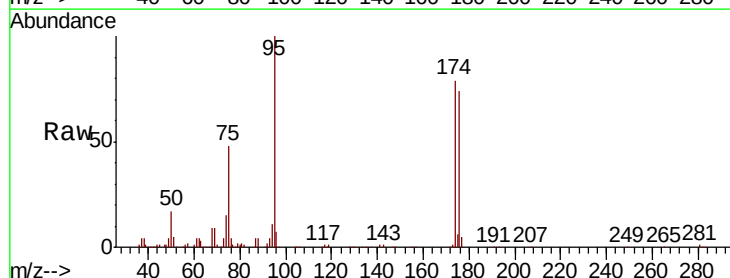
Instrument :
MSVOA_N
ClientSampled :
PB125099TB

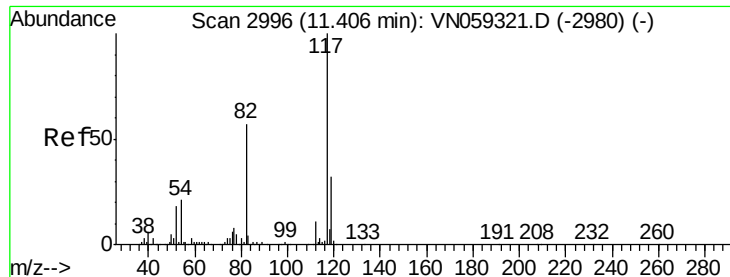
Tot Ion: 43 Resp: 92658
Ion Ratio Lower Upper
43 100
58 21.6 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 47.588 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

Tgt Ion: 95 Resp: 225879
Ion Ratio Lower Upper
95 100
174 79.3 0.0 157.4
176 76.6 0.0 151.2

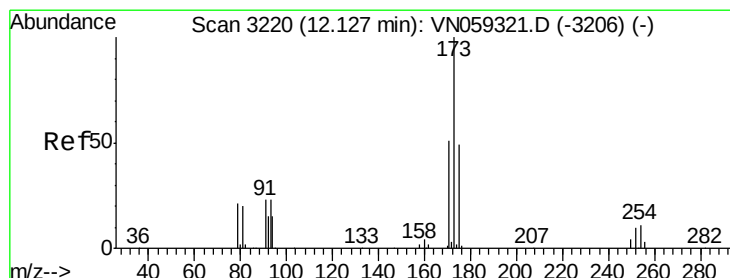
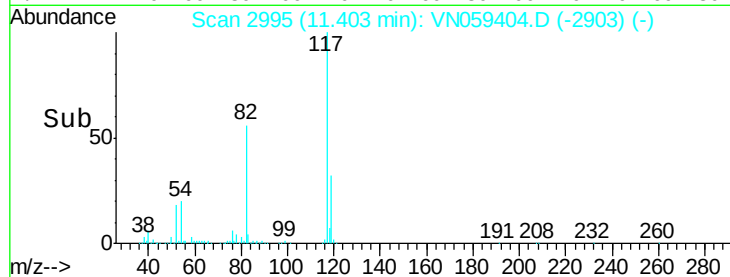
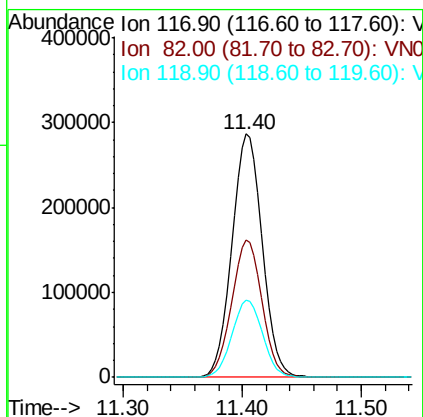
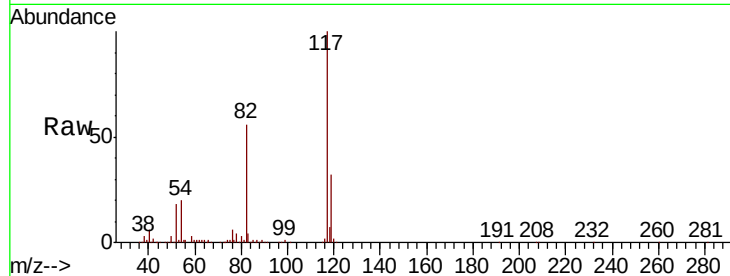




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

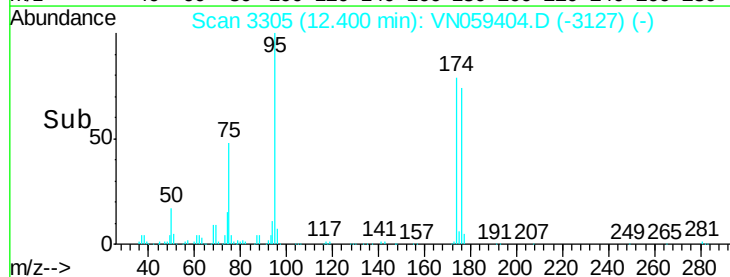
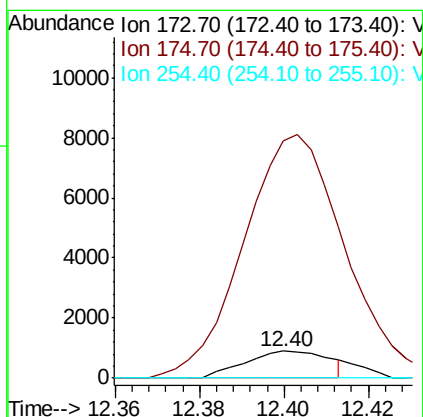
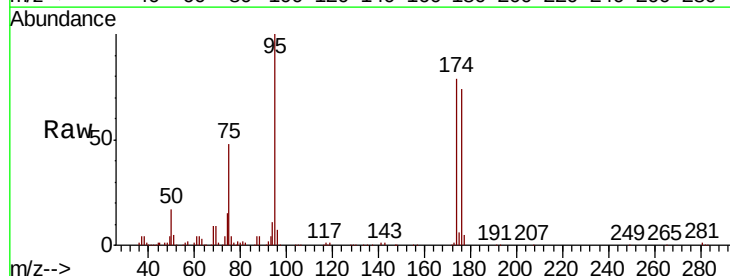
Instrument :
MSVOA_N
ClientSampleId :
PB125099TB

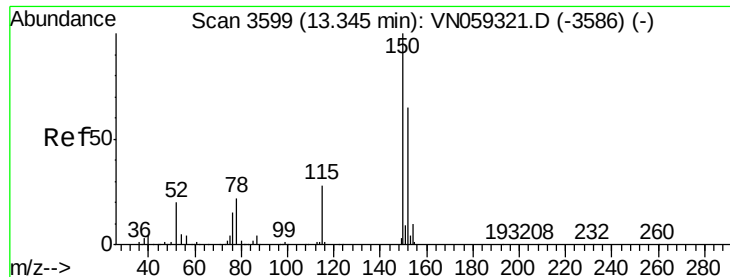
Tot Ion:117 Resp: 504269
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 31.9 25.8 38.6



#71
Bromoform
Concen: 0.419 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

Tgt Ion:173 Resp: 1250
Ion Ratio Lower Upper
173 100
175 920.2 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

PB125099TB

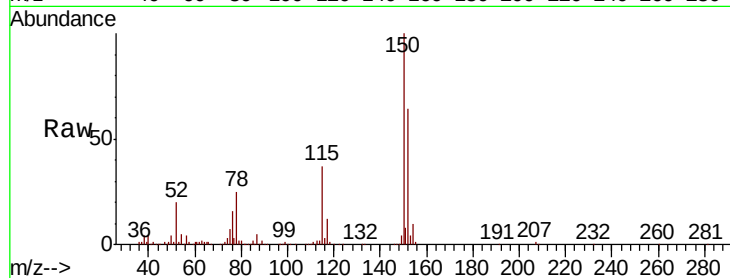
Tot Ion:152 Resp: 188856

Ion Ratio Lower Upper

152 100

115 58.8 29.3 88.0

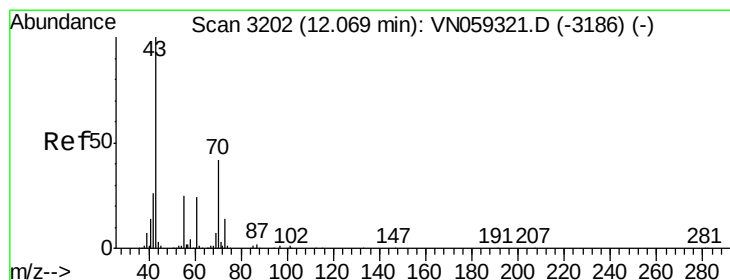
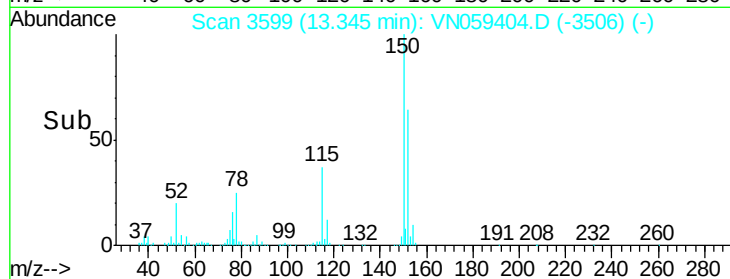
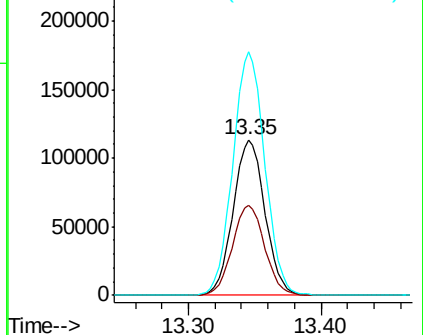
150 157.4 0.0 346.0



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: 0.258 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Tgt Ion: 43 Resp: 1604

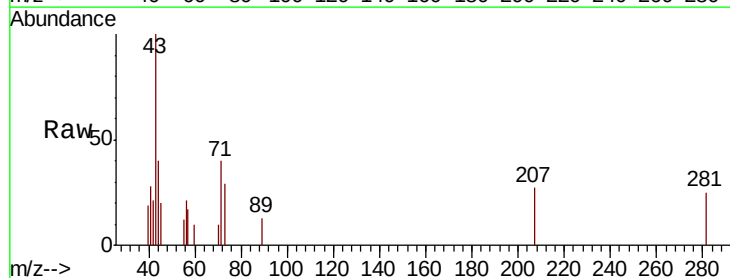
Ion Ratio Lower Upper

43 100

70 21.8 33.8 50.6#

55 21.9 20.3 30.5

61 0.0 19.9 29.9#

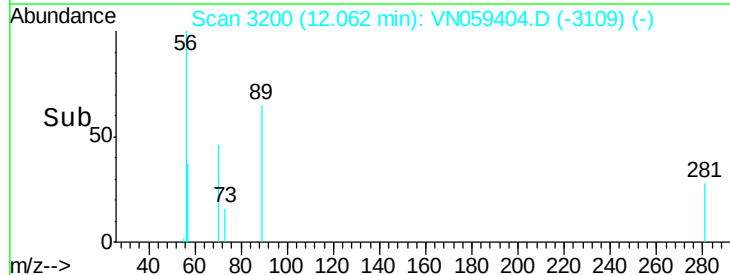
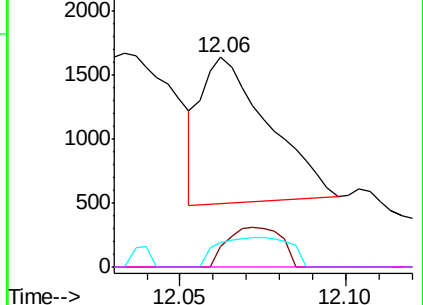


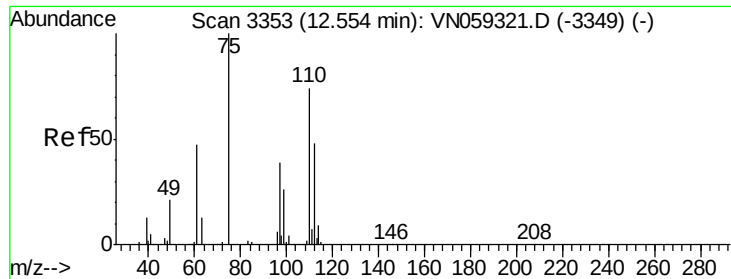
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 24.798 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

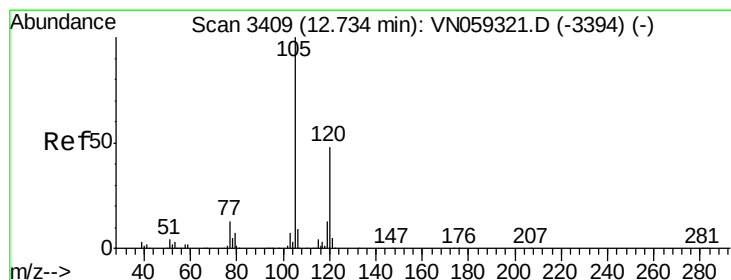
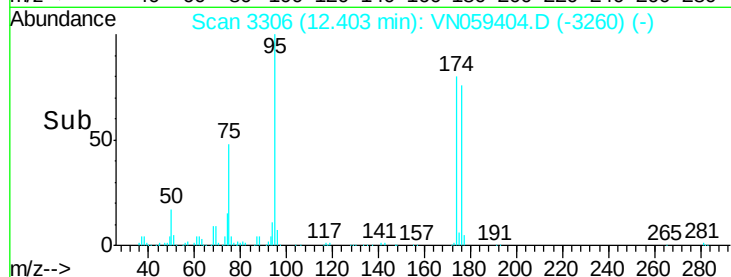
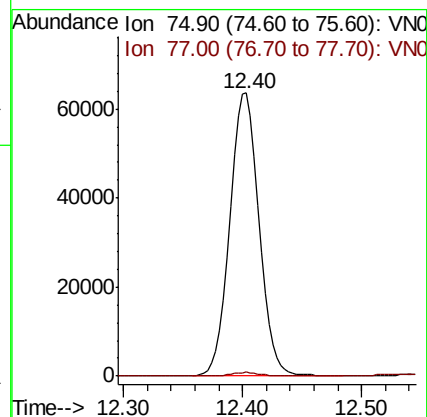
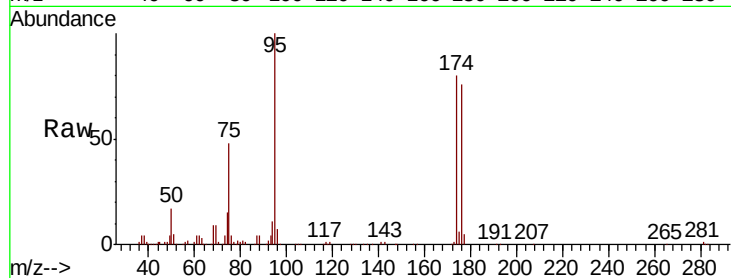
PB125099TB

Tot Ion: 75 Resp: 108193

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.847 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059404.D

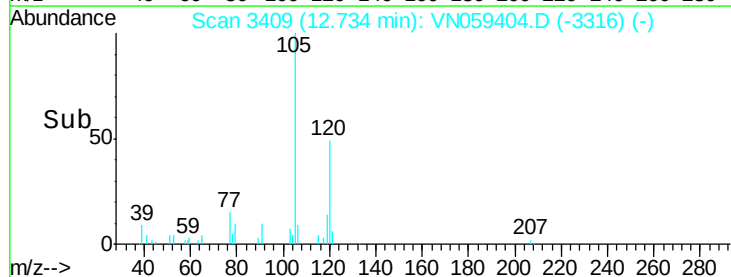
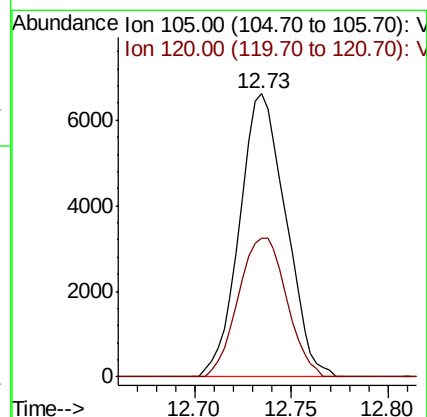
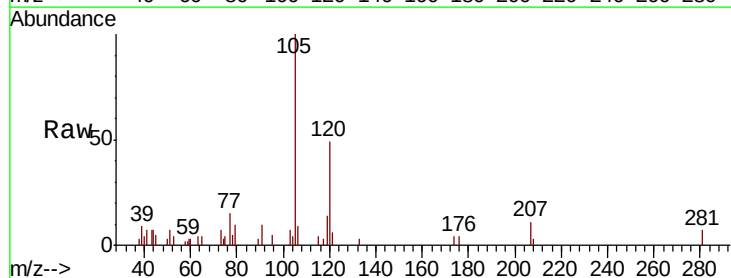
Acq: 26 Nov 2019 14:24

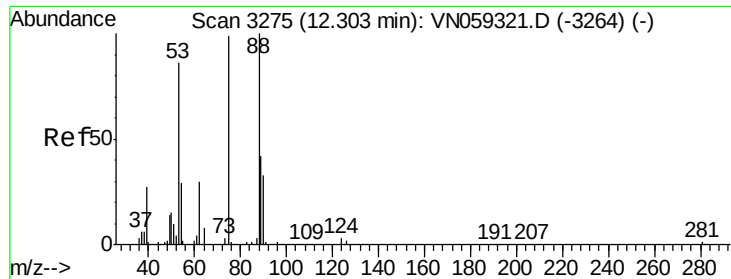
Tgt Ion: 105 Resp: 11012

Ion Ratio Lower Upper

105 100

120 51.3 24.1 72.4

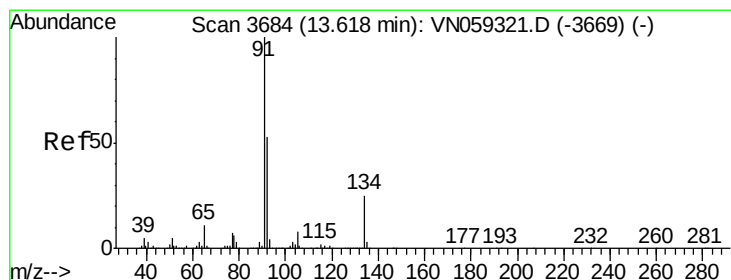
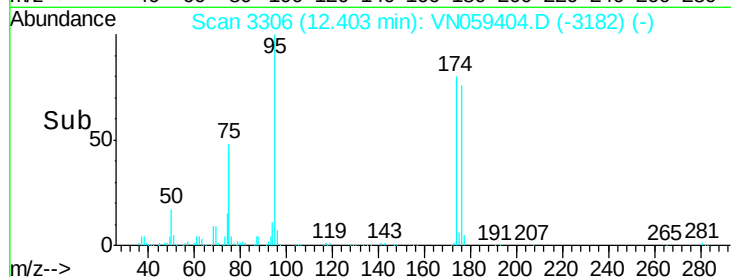
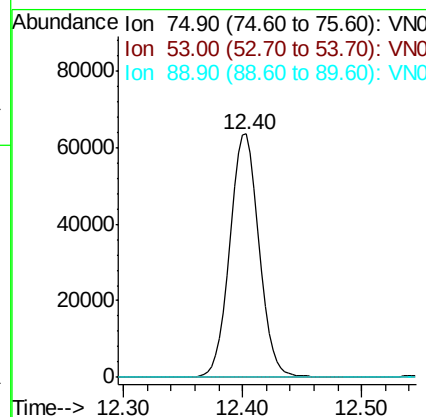
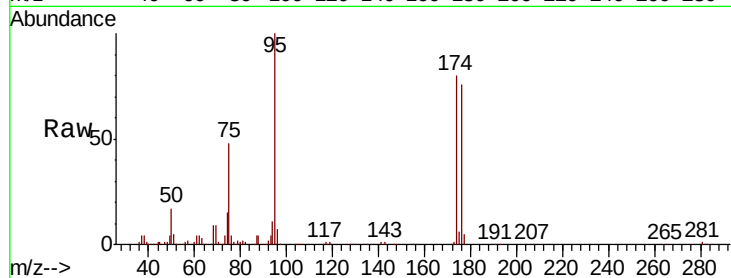




#81
trans-1,4-Dichloro-2-butene
Concen: 62.023 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

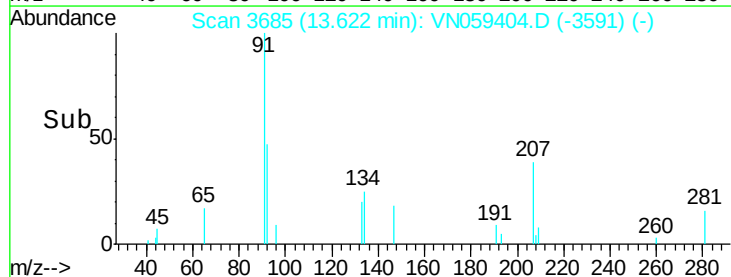
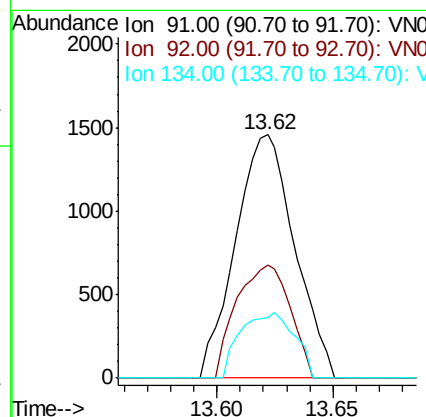
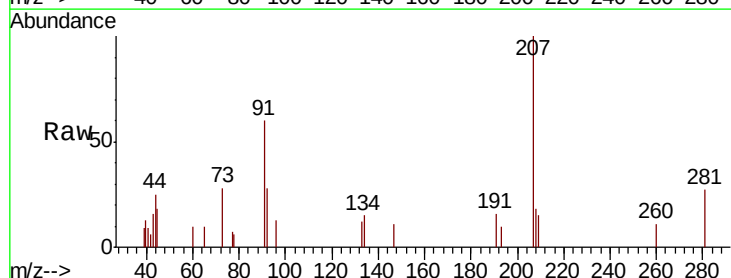
Instrument :
MSVOA_N
ClientSampled :
PB125099TB

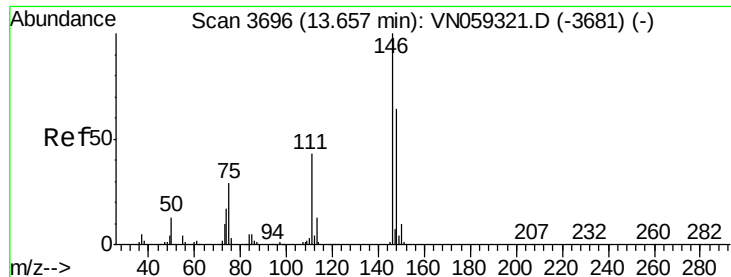
Tot Ion: 75 Resp: 108193
Ion Ratio Lower Upper
75 100
53 0.0 70.7 106.1#
89 0.0 35.4 53.0#



#89
n-Butylbenzene
Concen: 0.224 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

Tgt Ion: 91 Resp: 2578
Ion Ratio Lower Upper
91 100
92 42.2 26.0 78.0
134 24.4 12.7 38.1

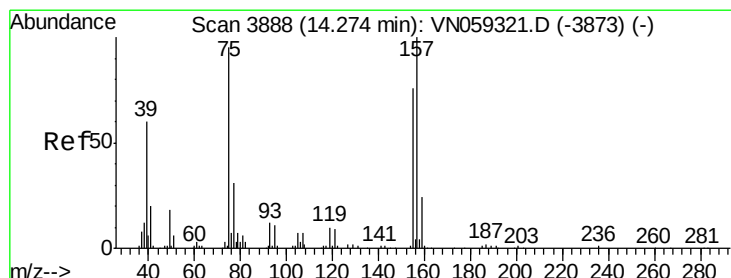
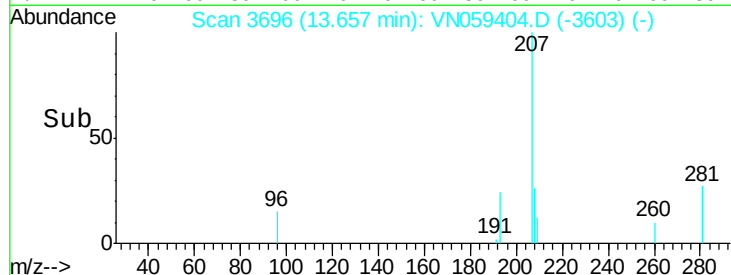
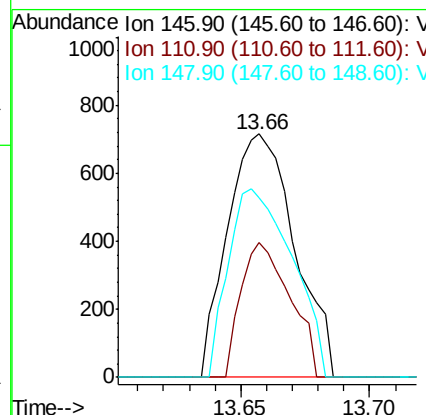
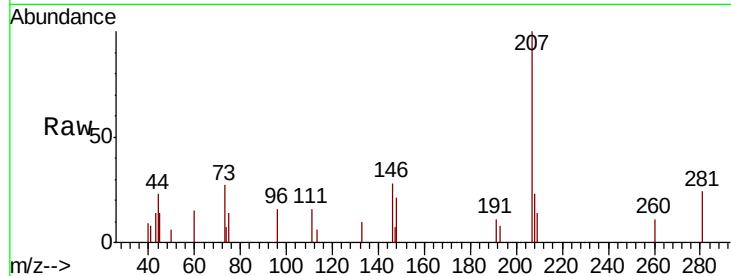




#91
 1,2-Dichlorobenzene
 Concen: 0.200 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

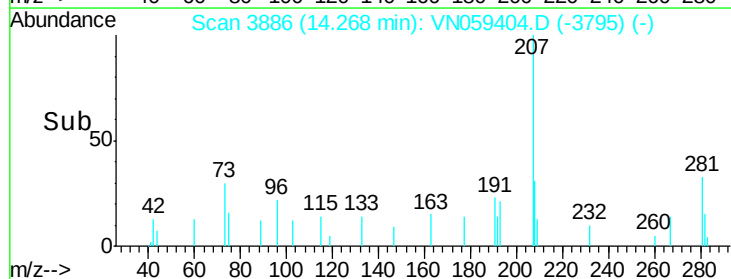
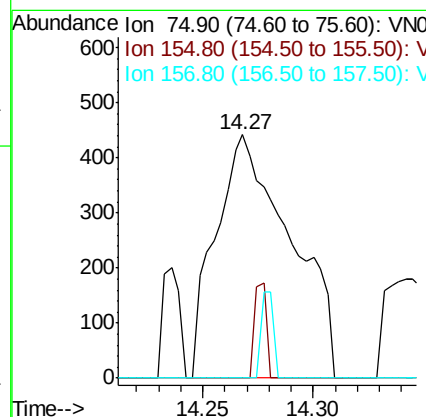
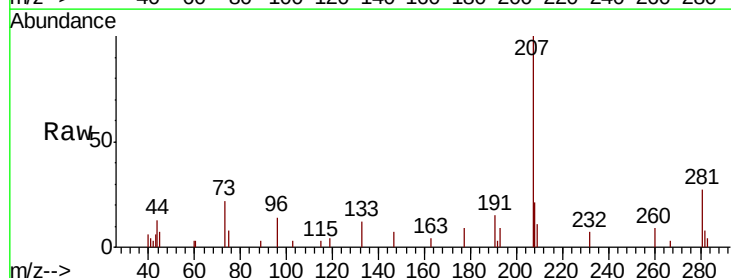
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125099TB

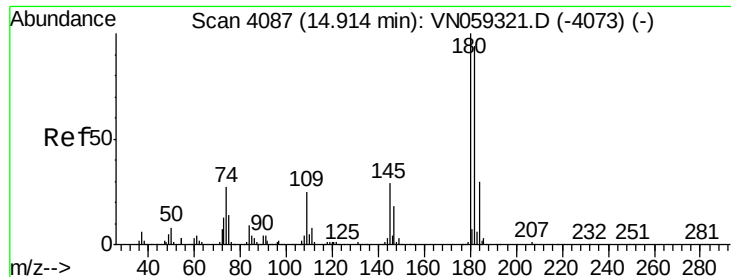
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.3	64.0
148	73.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.957 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.01 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	6.2	40.5	121.5#
157	5.9	52.7	158.1#

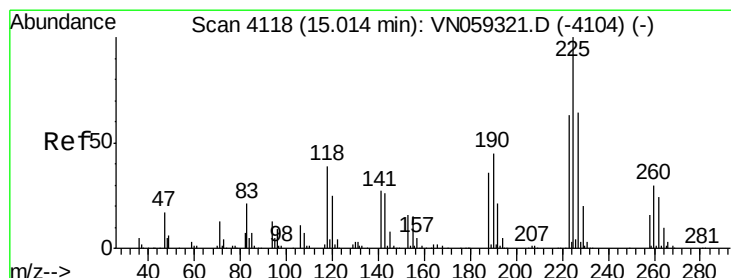
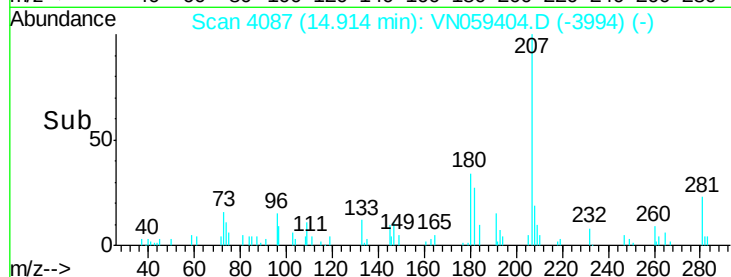
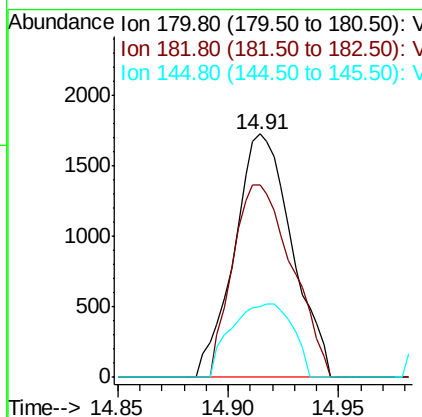
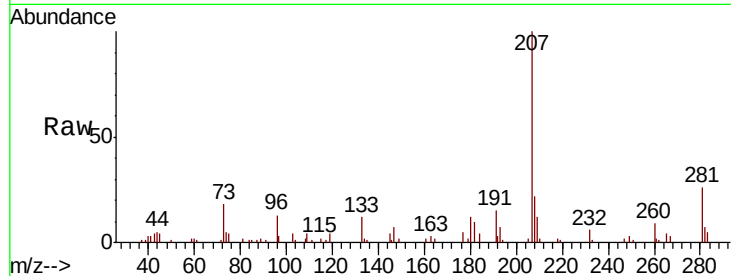




#93
 1,2,4-Trichlorobenzene
 Concen: 3.668 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

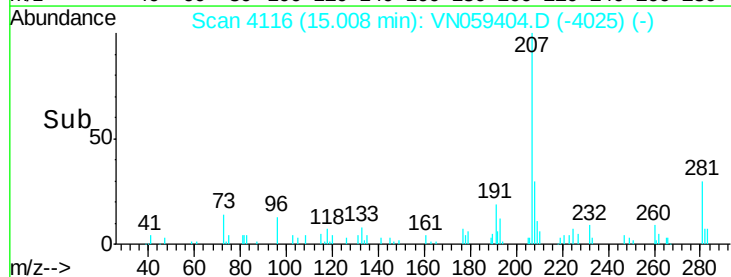
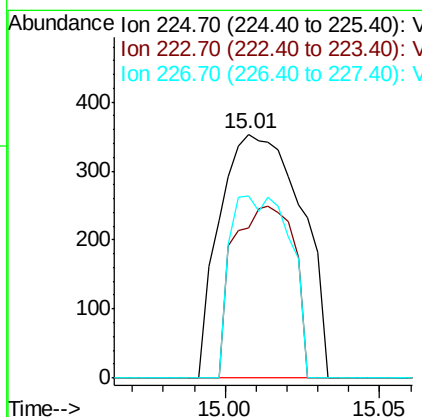
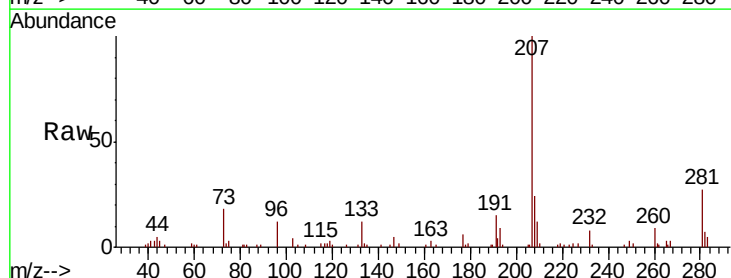
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125099TB

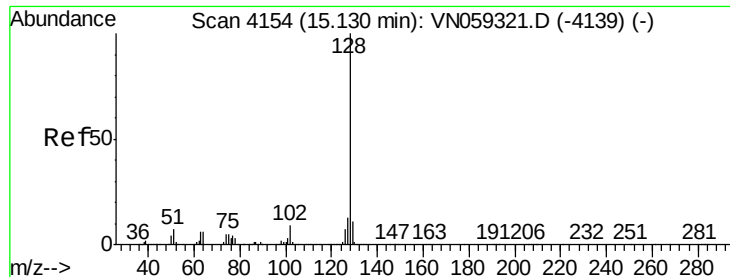
Tot Ion:180 Resp: 3117
 Ion Ratio Lower Upper
 180 100
 182 81.5 47.2 141.6
 145 32.1 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 0.277 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.01 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

Tgt Ion:225 Resp: 645
 Ion Ratio Lower Upper
 225 100
 223 52.6 31.6 94.8
 227 55.2 32.6 97.7





#95

Naphthalene

Concen: 4.151 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

PB125099TB

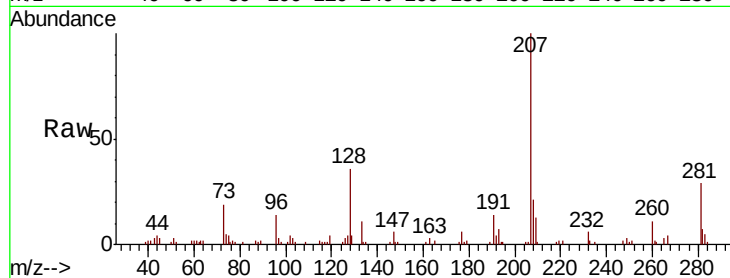
Tot Ion:128 Resp: 11683

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.2

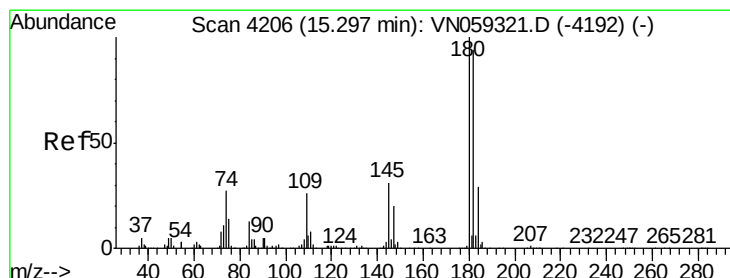
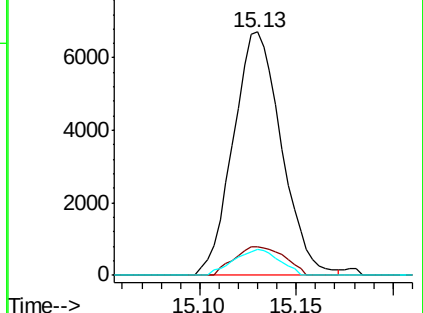
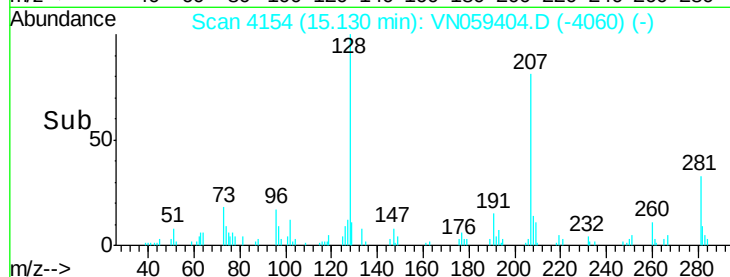
129 10.0 8.6 13.0



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: 2.786 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

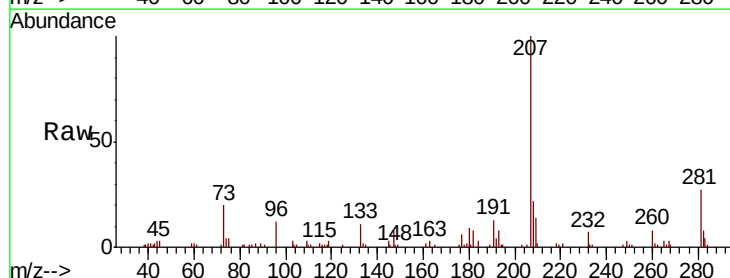
Tgt Ion:180 Resp: 3631

Ion Ratio Lower Upper

180 100

182 90.0 47.1 141.4

145 35.2 15.6 46.8



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

