

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064129.D
 Acq On : 14 Oct 2020 22:07
 Operator : JC/MD
 Sample : PB132343ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132343ZHE#01

Quant Time: Oct 15 06:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	298553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	568497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	626560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	232502	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
35) Dibromofluoromethane	7.55	113	194397	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	10.06	98	767488	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.38	95	270692	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

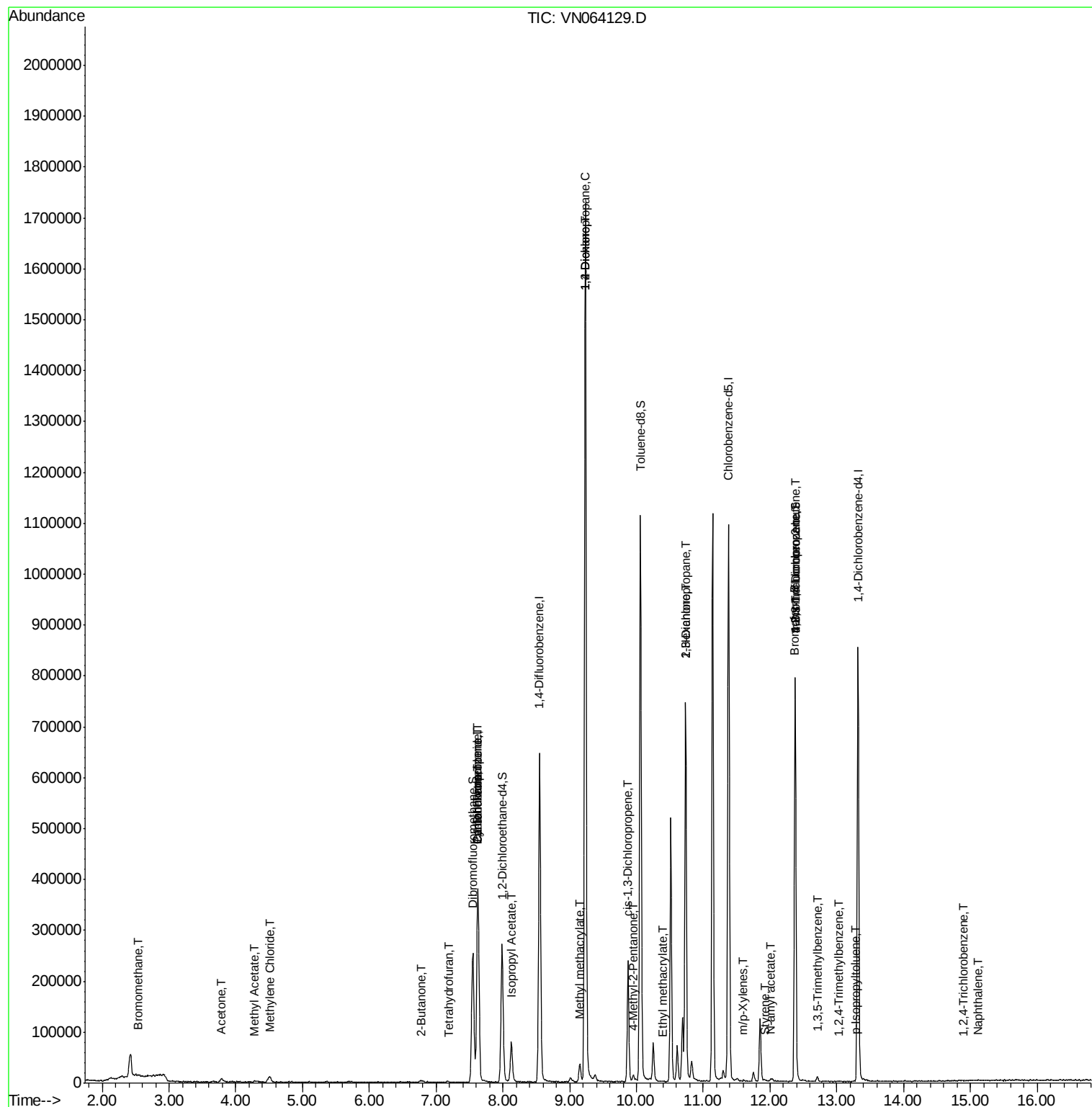
						Qvalue
5) Bromomethane	2.54	94	655	0.200	ug/l	99
16) Acetone	3.79	43	11941	9.468	ug/l	97
18) Methyl Acetate	4.28	43	932	0.295	ug/l #	24
20) Methylene Chloride	4.51	84	8410	2.155	ug/l	91
25) 2-Butanone	6.78	43	522	0.269	ug/l #	53
29) Tetrahydrofuran	7.18	42	563	0.497	ug/l #	63
31) Cyclohexane	7.62	56	7339	1.561	ug/l #	21
36) 1,1-Dichloropropene	7.63	75	25256	4.609	ug/l #	50
38) Carbon Tetrachloride	7.62	117	30788	5.225	ug/l #	16
43) Isopropyl Acetate	8.13	43	91244	11.307	ug/l #	89
45) 1,2-Dichloropropane	9.23	63	2718	0.625	ug/l #	43
48) Methyl methacrylate	9.14	41	5333	1.431	ug/l #	11
49) 1,4-Dioxane	9.24	88	213	3.763	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	6162	1.290	ug/l #	68
54) cis-1,3-Dichloropropene	9.87	75	41497	6.099	ug/l #	69
56) Ethyl methacrylate	10.38	69	203	2.330	ug/l #	26
57) 1,3-Dichloropropane	10.73	76	8364	1.202	ug/l #	42
59) 2-Hexanone	10.74	43	102301	33.796	ug/l #	55
68) m/p-Xylenes	11.60	106	784	2.276	ug/l	77
70) Styrene	11.94	104	101	2.043	ug/l #	50
71) Bromoform	12.36	173	438	2.332	ug/l #	1
74) N-amyl acetate	12.01	43	2397	0.391	ug/l #	56
76) 1,2,3-Trichloropropane	12.38	75	138739	26.191	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3961	0.302	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	138739	80.017	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.03	105	277	0.205	ug/l	88
86) p-Isopropyltoluene	13.27	119	253	0.681	ug/l #	50
93) 1,2,4-Trichlorobenzene	14.90	180	29	3.188	ug/l #	14
95) Naphthalene	15.12	128	281	3.821	ug/l #	70

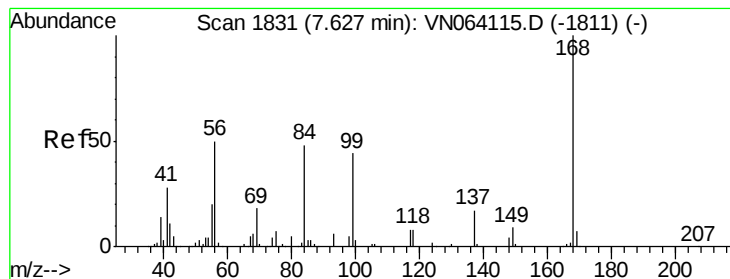
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101420\
Data File : VN064129.D
Acq On : 14 Oct 2020 22:07
Operator : JC/MD
Sample : PB132343ZHE#01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132343ZHE#01

Quant Time: Oct 15 06:00:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

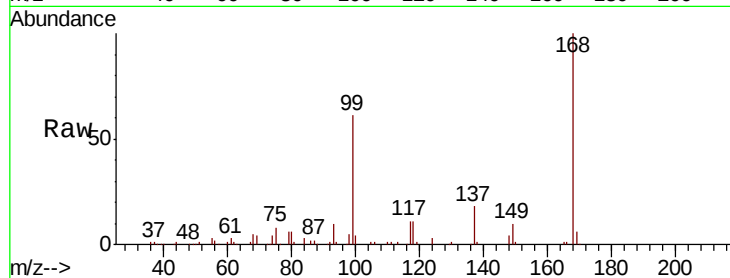
PB132343ZHE#01

Tot Ion:168 Resp: 298553

Ion Ratio Lower Upper

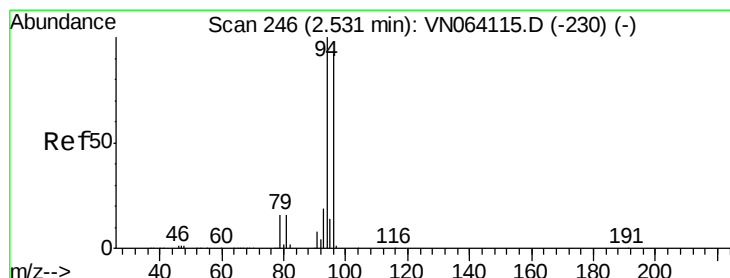
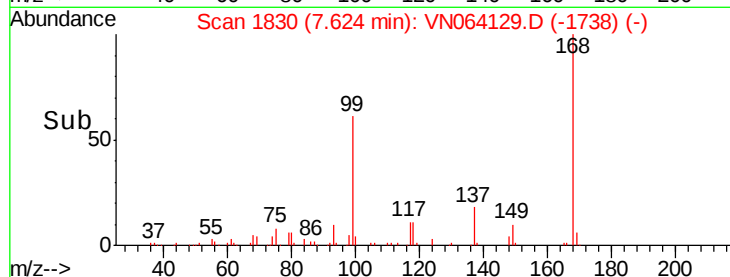
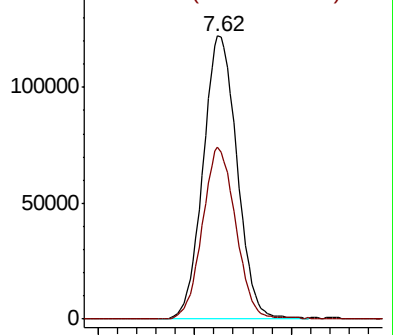
168 100

99 60.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#5

Bromomethane

Concen: 0.200 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064129.D

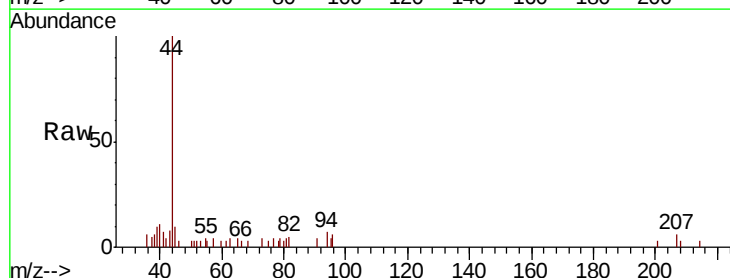
Acq: 14 Oct 2020 22:07

Tgt Ion: 94 Resp: 655

Ion Ratio Lower Upper

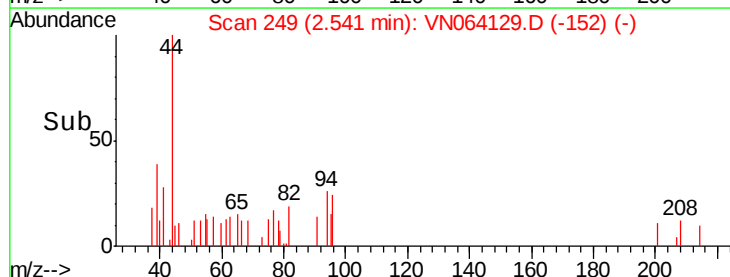
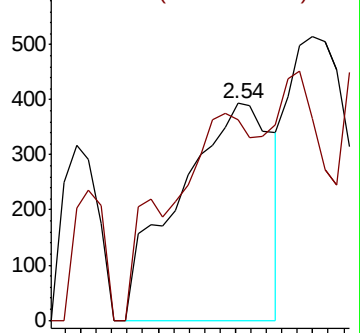
94 100

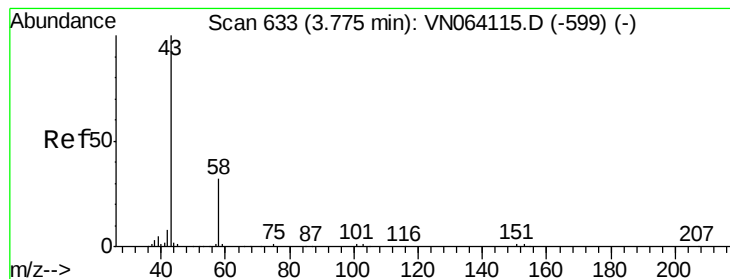
96 92.6 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN





#16

Acetone

Concen: 9.468 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

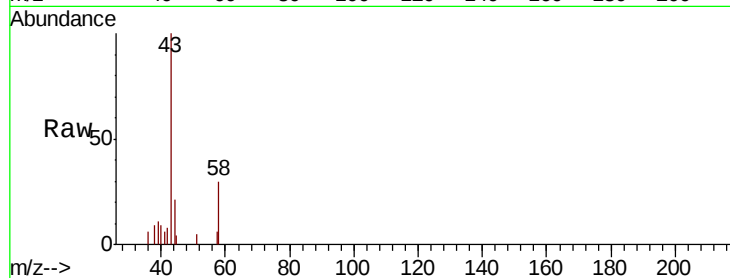
PB132343ZHE#01

Tot Ion: 43 Resp: 11941

Ion Ratio Lower Upper

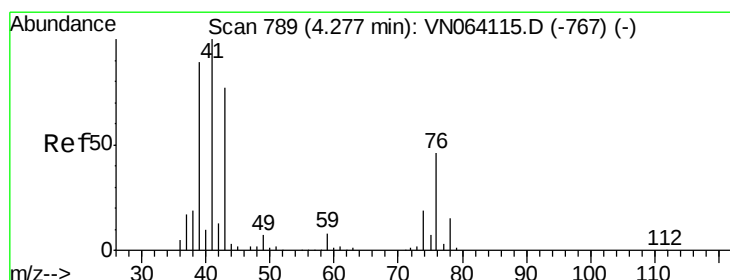
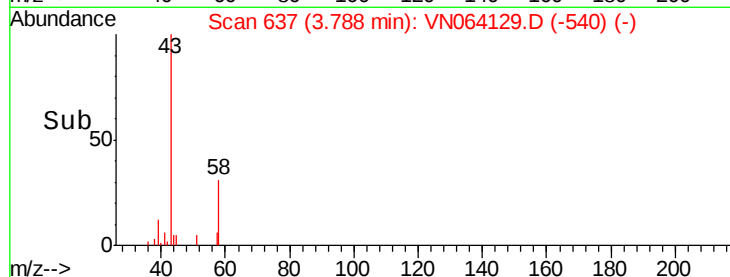
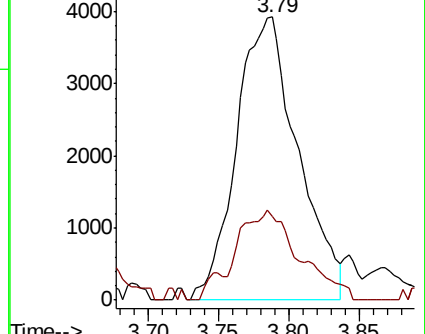
43 100

58 29.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN064129.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064129.D (-540) (-)



#18

Methyl Acetate

Concen: 0.295 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064129.D

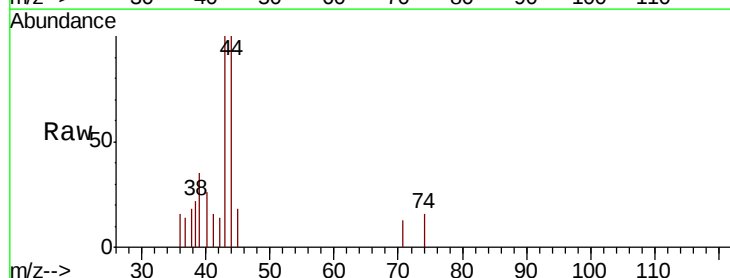
Acq: 14 Oct 2020 22:07

Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

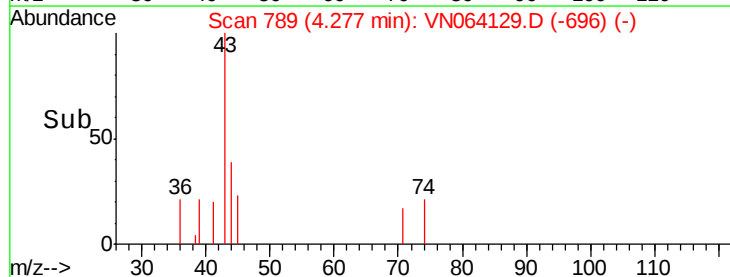
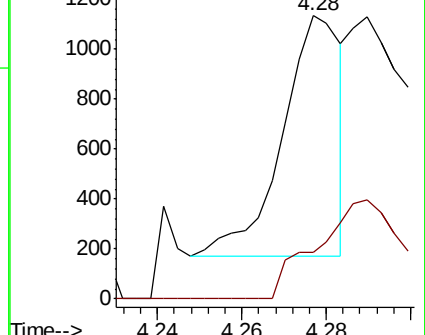
43 100

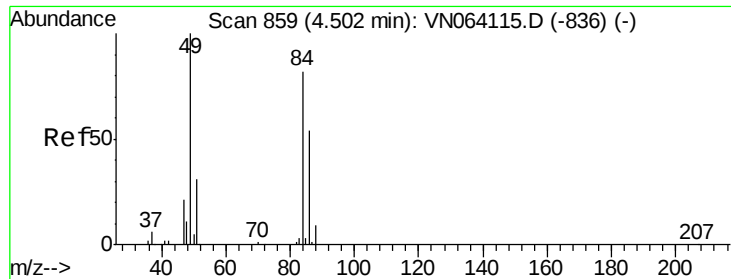
74 62.7 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064129.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN064129.D (-696) (-)

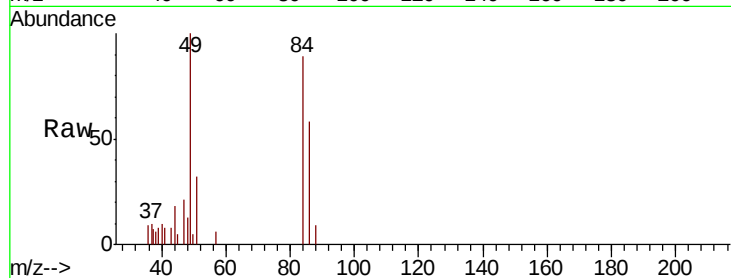




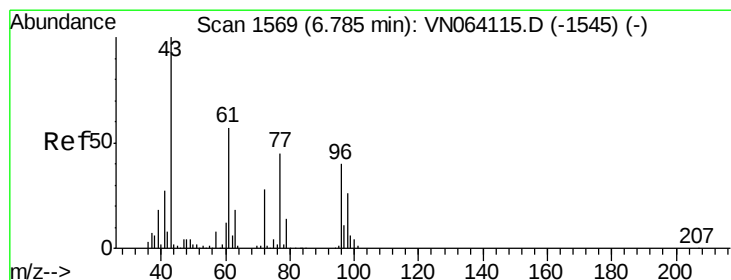
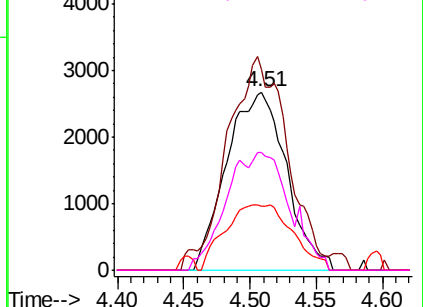
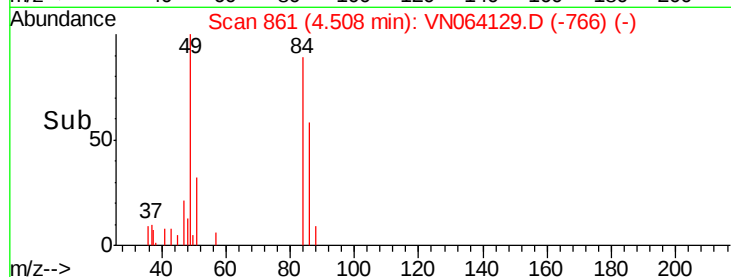
#20
Methvlene Chloride
Concen: 2.155 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064129.D
Acq: 14 Oct 2020 22:07

Instrument :
MSVOA_N
ClientSampleId :
PB132343ZHE#01

Tot Ion: 84 Resp: 8410
Ion Ratio Lower Upper
84 100
49 103.4 97.4 146.0
51 35.9 29.7 44.5
86 65.8 52.5 78.7

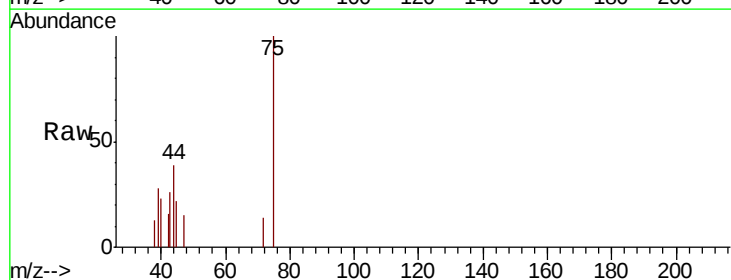


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

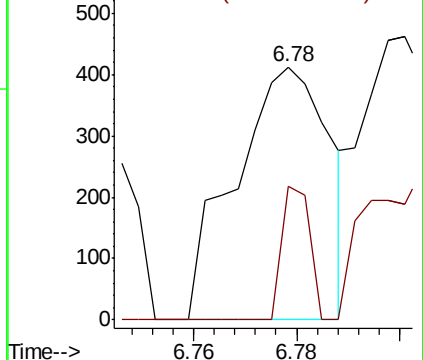
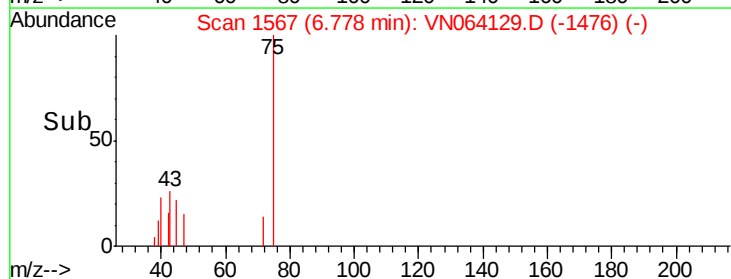


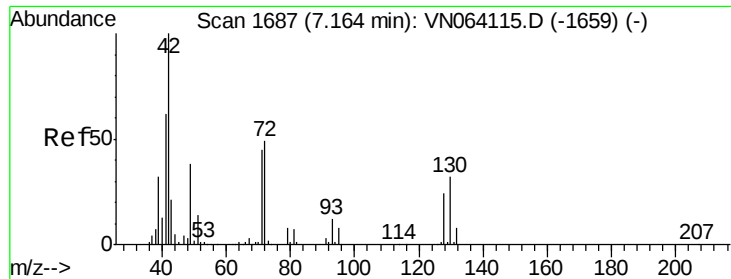
#25
2-Butanone
Concen: 0.269 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VN064129.D
Acq: 14 Oct 2020 22:07

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
72 52.5 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.497 ug/l

RT: 7.18 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

PB132343ZHE#01

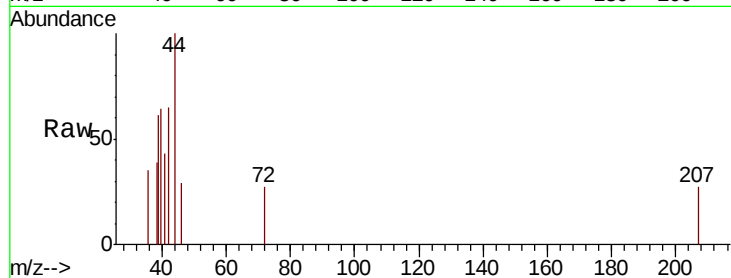
Tot Ion: 42 Resp: 563

Ion Ratio Lower Upper

42 100

72 30.7 37.8 56.6#

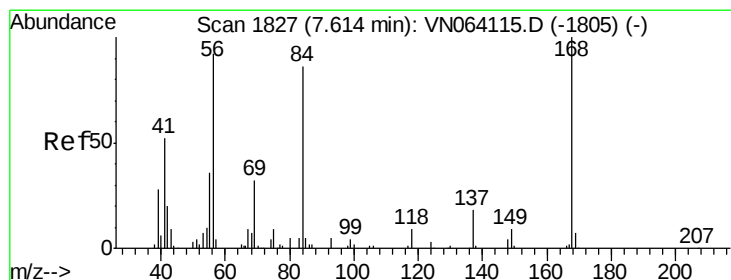
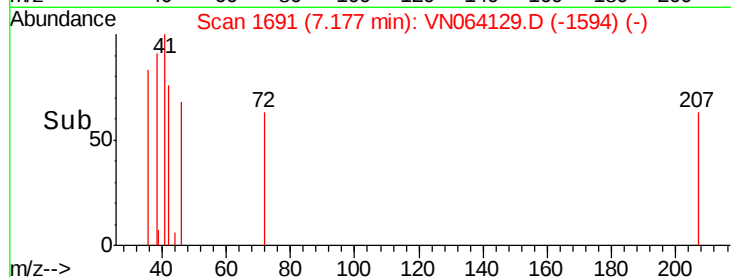
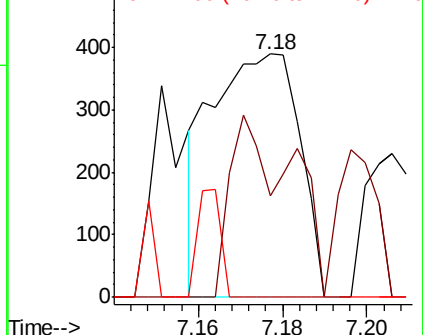
71 11.7 35.3 52.9#



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



#31

Cyclohexane

Concen: 1.561 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

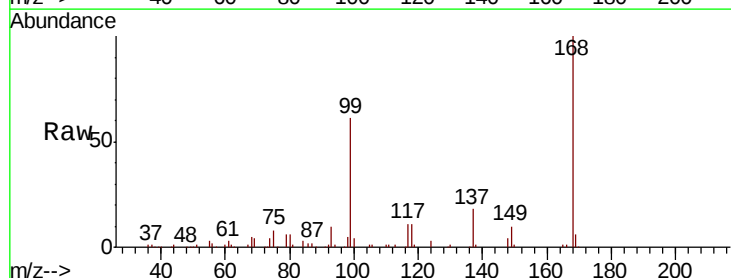
Tgt Ion: 56 Resp: 7339

Ion Ratio Lower Upper

56 100

69 177.0 27.8 41.6#

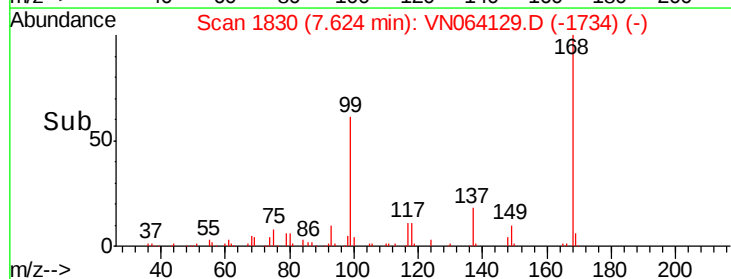
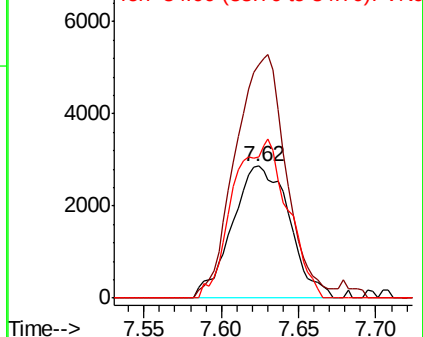
84 106.8 73.2 109.8

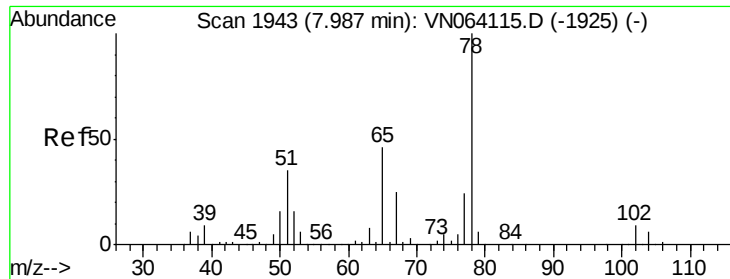


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 54.680 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

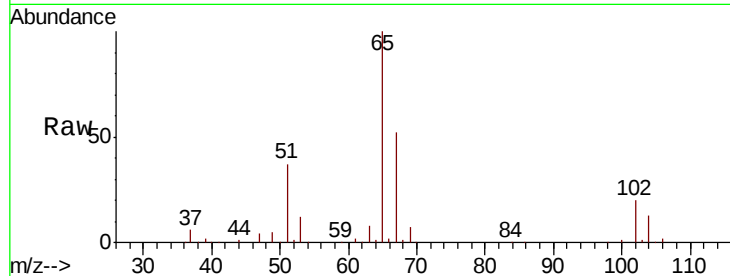
PB132343ZHE#01

Tot Ion: 65 Resp: 232502

Ion Ratio Lower Upper

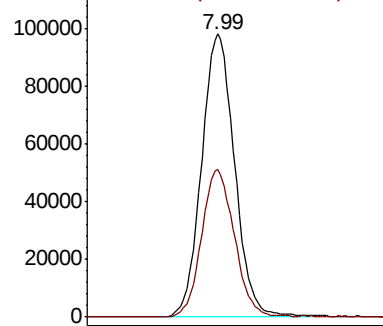
65 100

67 51.9 0.0 105.6

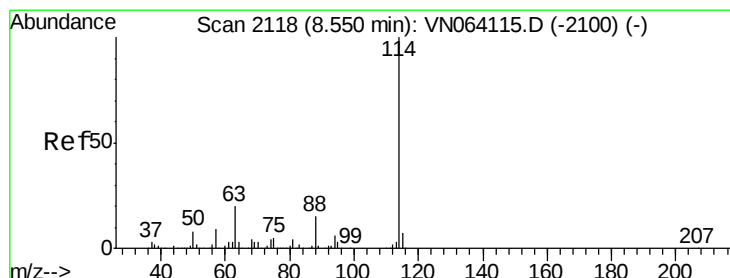
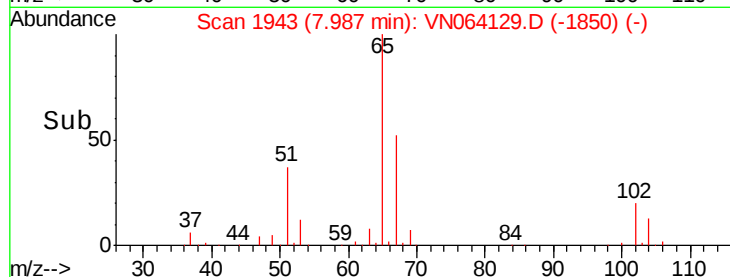


Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

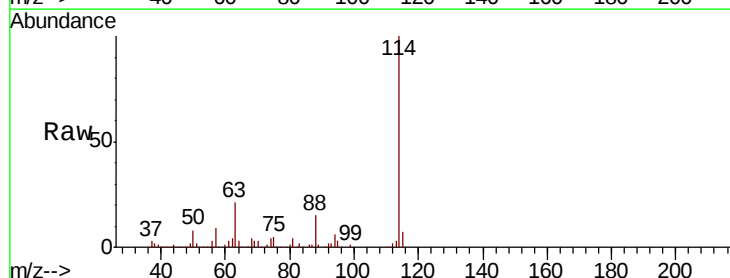
Tgt Ion: 114 Resp: 568497

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

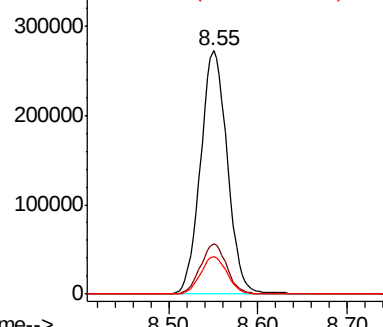
88 15.4 0.0 29.2



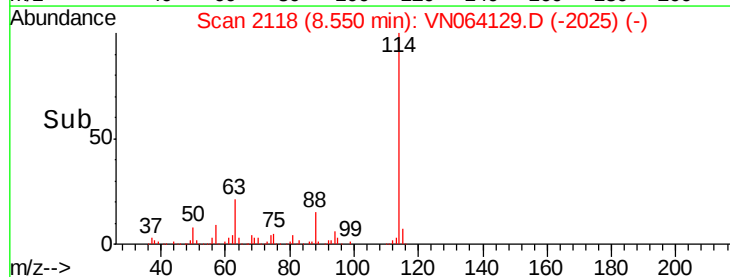
Abundance Ion 113.90 (113.60 to 114.60): V

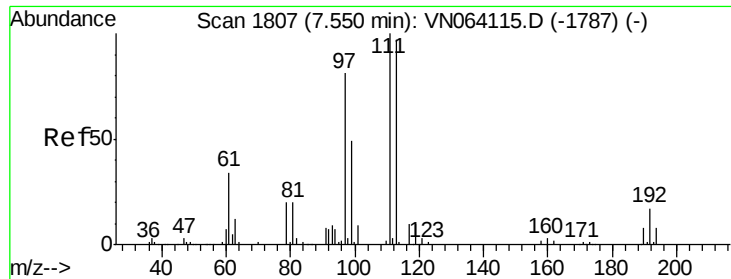
Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



Time-->

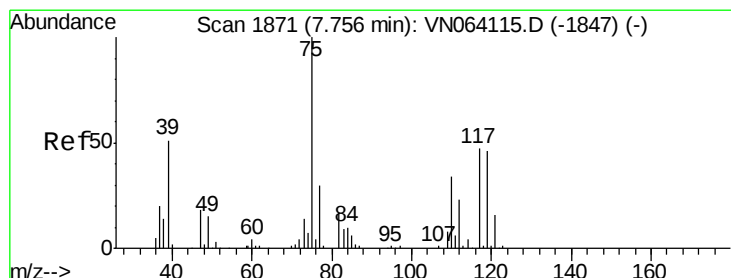
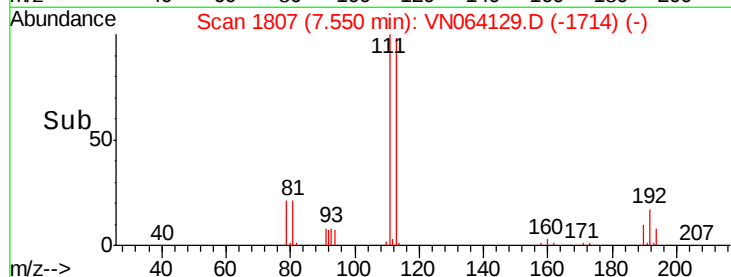
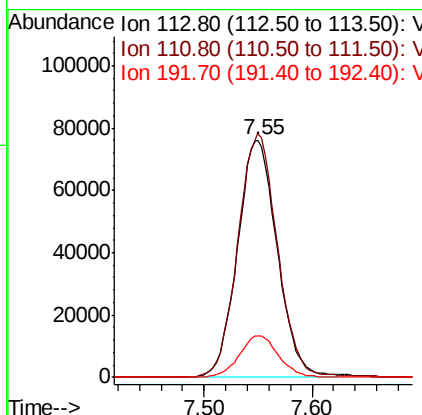
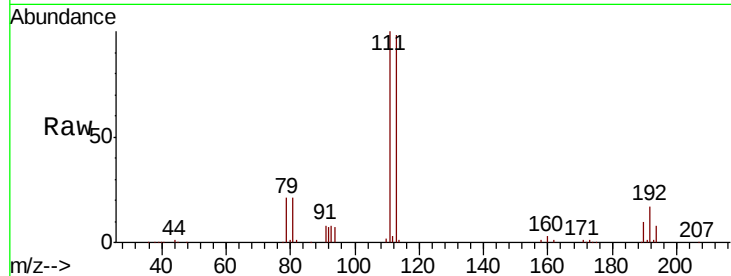




#35
 Dibromofluoromethane
 Concen: 49.404 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064129.D
 Acq: 14 Oct 2020 22:07

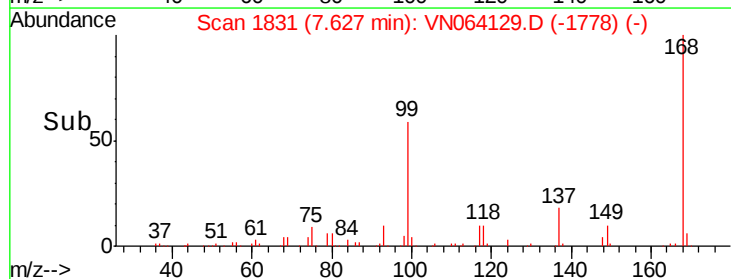
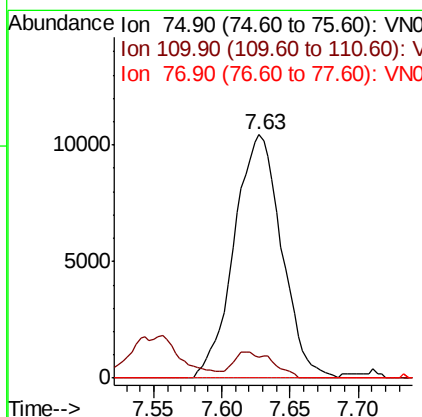
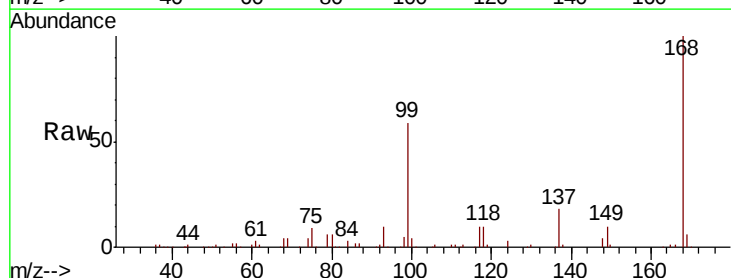
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132343ZHE#01

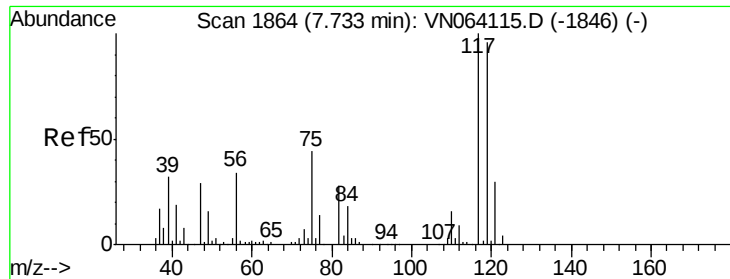
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	17.4	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.609 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064129.D
 Acq: 14 Oct 2020 22:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.8	53.3#
77	0.0	24.9	37.3#

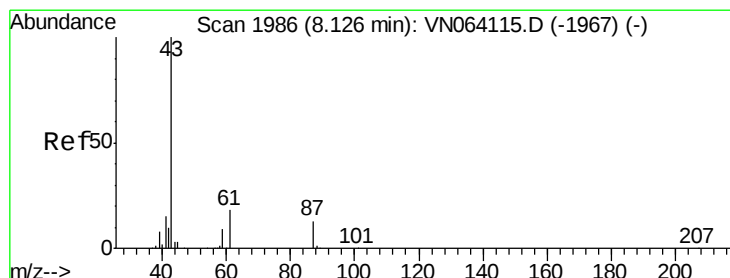
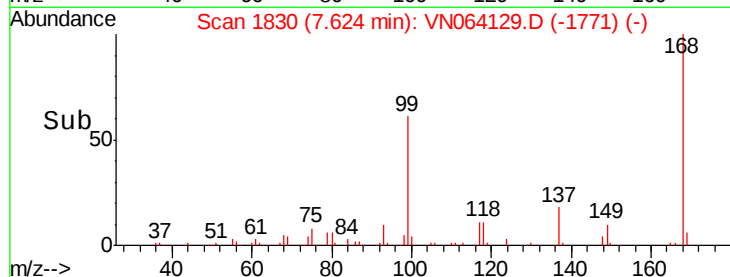
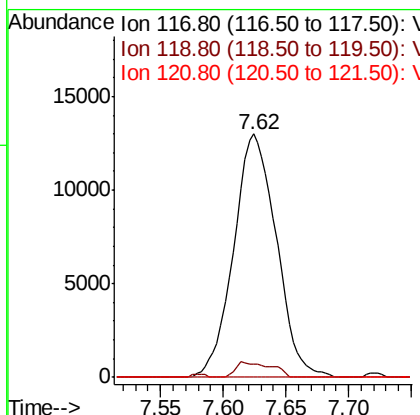
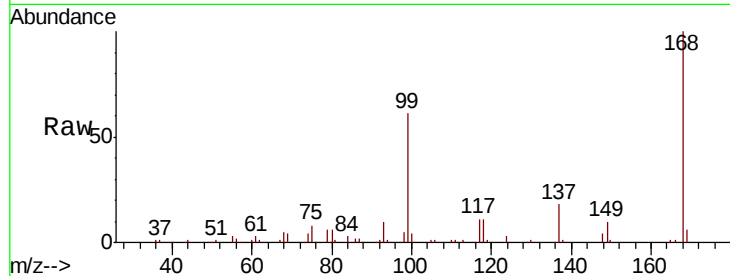




#38
Carbon Tetrachloride
Concen: 5.225 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064129.D
Acq: 14 Oct 2020 22:07

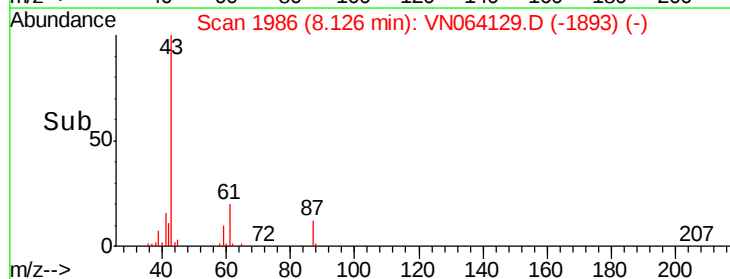
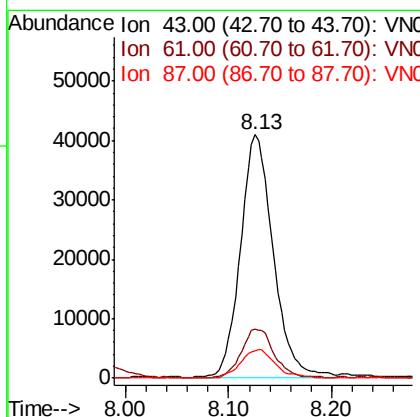
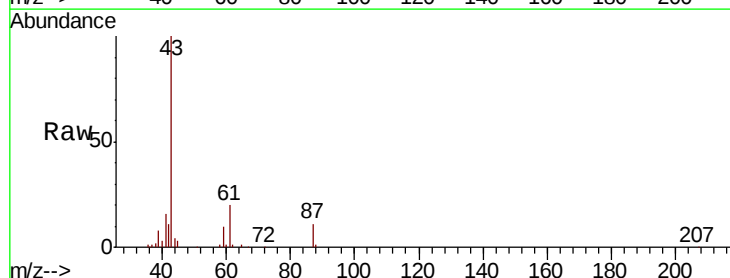
Instrument :
MSVOA_N
ClientSampleId :
PB132343ZHE#01

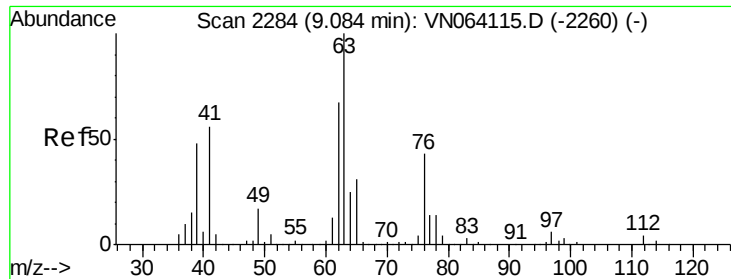
Tot Ion:117 Resp: 30788
Ion Ratio Lower Upper
117 100
119 5.4 77.0 115.4#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 11.307 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064129.D
Acq: 14 Oct 2020 22:07

Tgt Ion: 43 Resp: 91244
Ion Ratio Lower Upper
43 100
61 19.9 21.9 32.9#
87 12.4 11.0 16.4





#45

1,2-Dichloropropane

Concen: 0.625 ug/l

RT: 9.23 min Scan# 2329

Delta R.T. 0.14 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

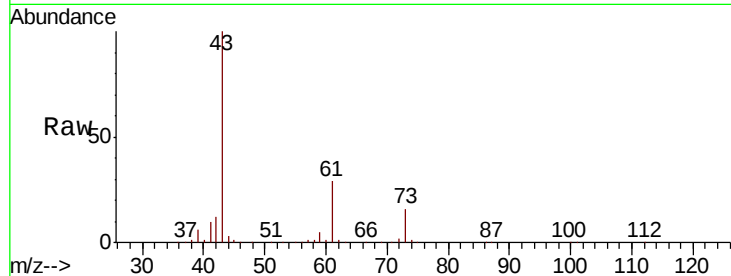
PB132343ZHE#01

Tot Ion: 63 Resp: 2718

Ion Ratio Lower Upper

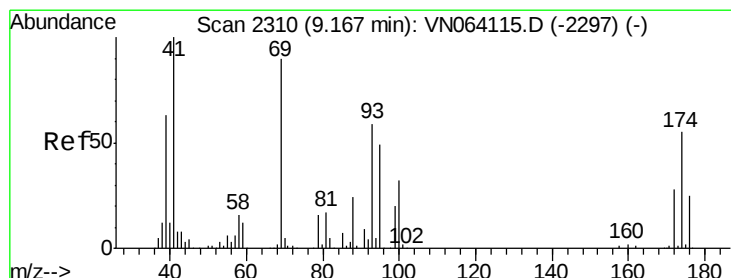
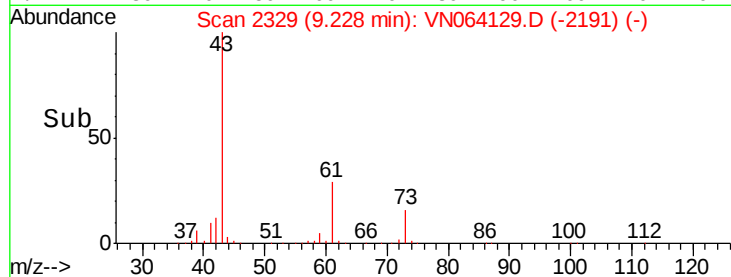
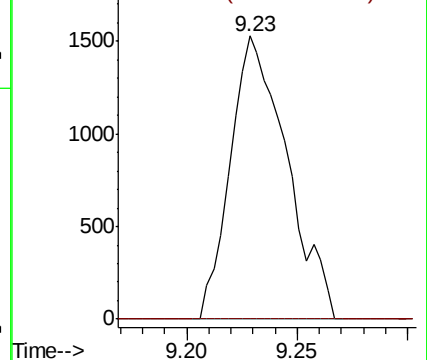
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.431 ug/l

RT: 9.14 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

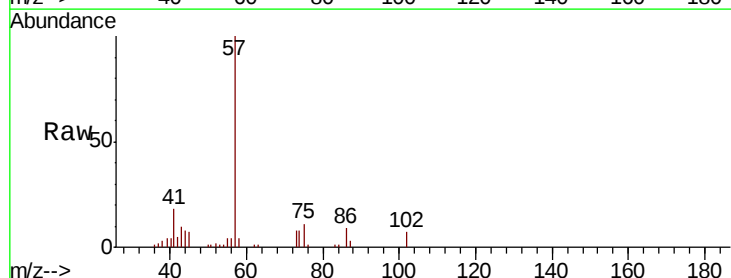
Tgt Ion: 41 Resp: 5333

Ion Ratio Lower Upper

41 100

69 1.3 71.4 107.2#

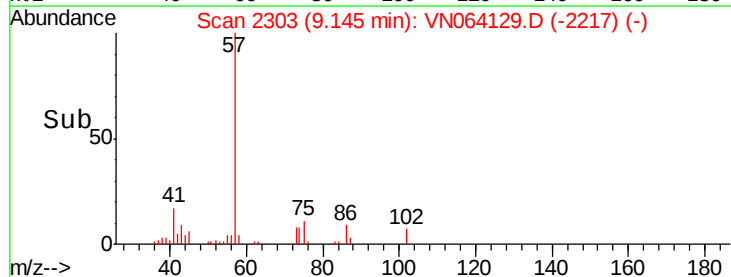
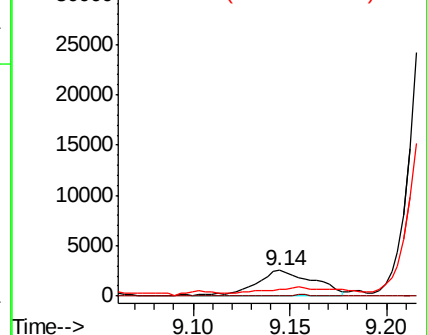
39 0.0 52.5 78.7#

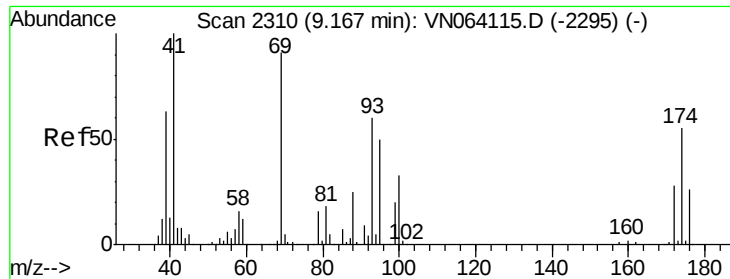


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 3.763 ug/l

RT: 9.24 min Scan# 2334

Delta R.T. 0.08 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

PB132343ZHE#01

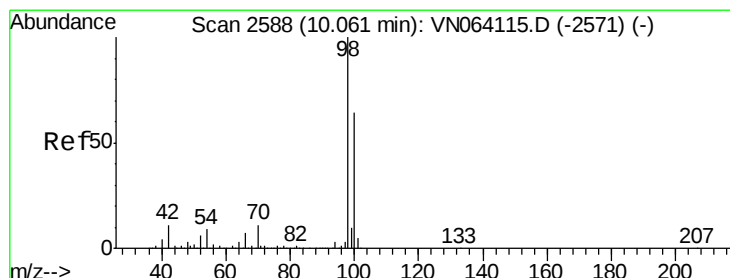
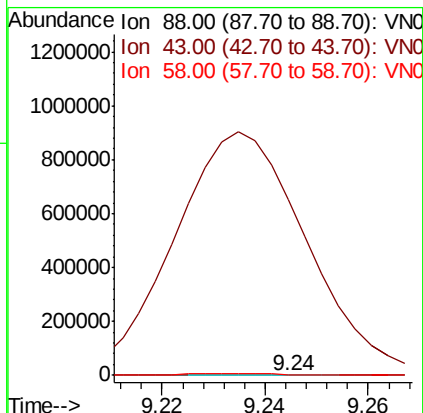
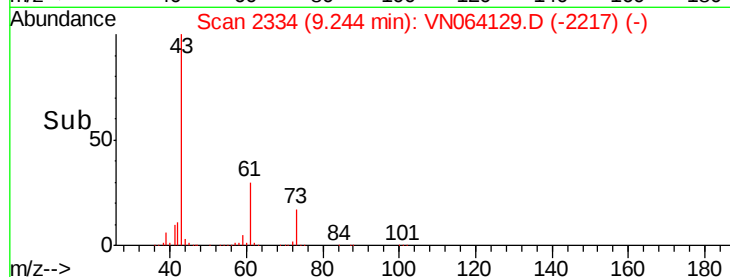
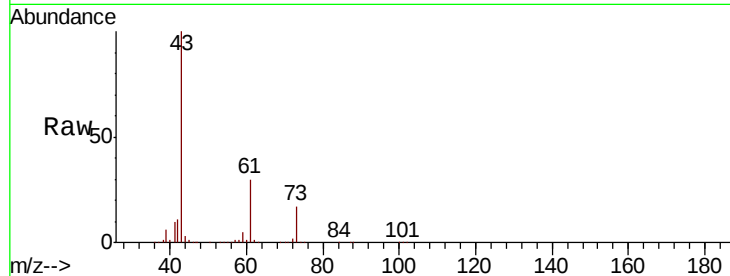
Tot Ion: 88 Resp: 213

Ion Ratio Lower Upper

88 100

43 775425.8 27.2 40.8#

58 4839.9 52.6 78.8#



#50

Toluene-d8

Concen: 51.694 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064129.D

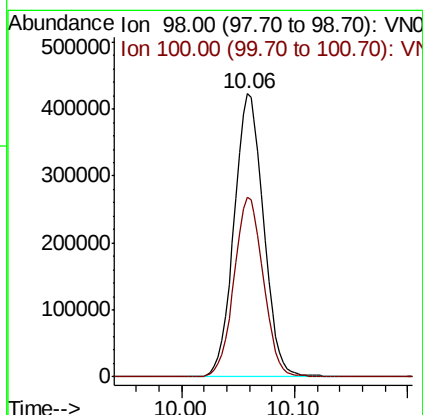
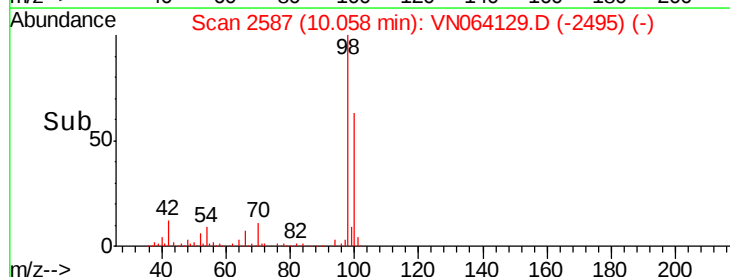
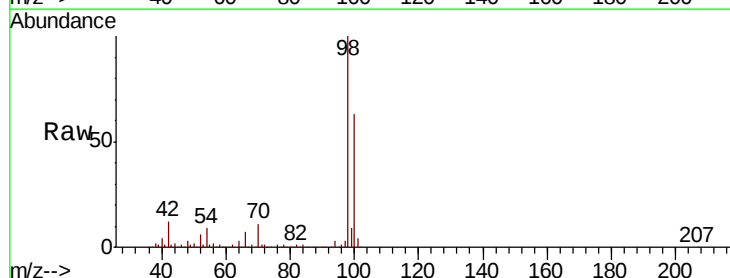
Acq: 14 Oct 2020 22:07

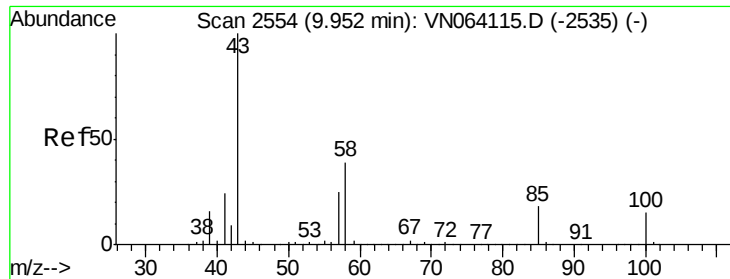
Tgt Ion: 98 Resp: 767488

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 1.290 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

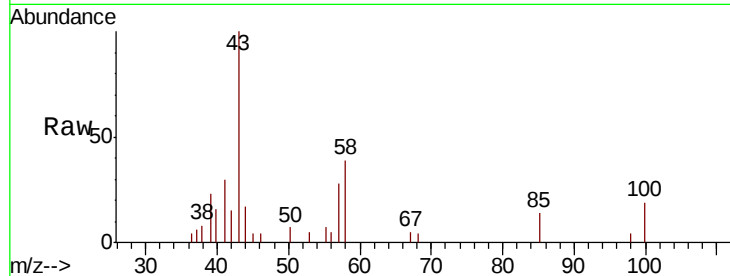
PB132343ZHE#01

Tot Ion: 43 Resp: 6162

Ion Ratio Lower Upper

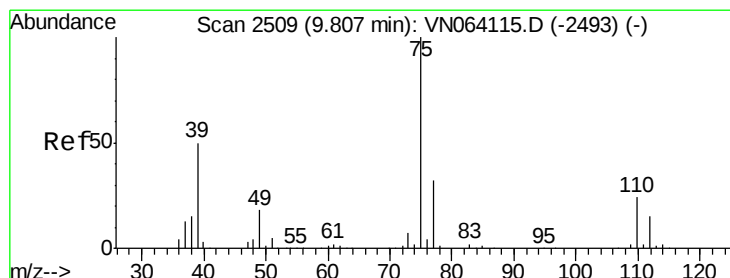
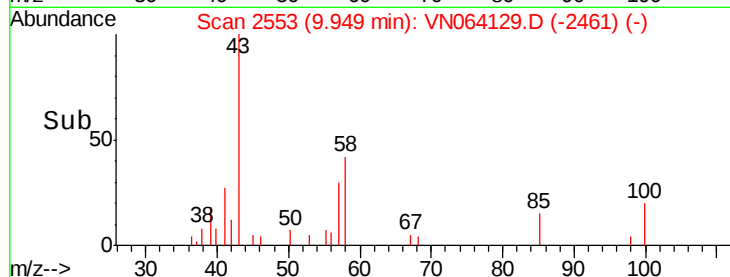
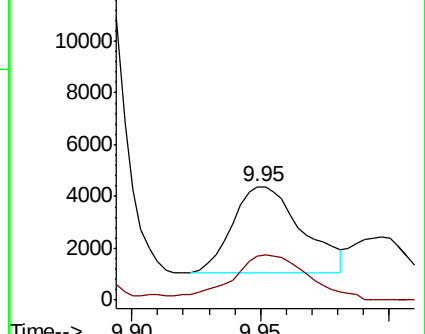
43 100

58 58.7 31.2 46.8#



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: 6.099 ug/l

RT: 9.87 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

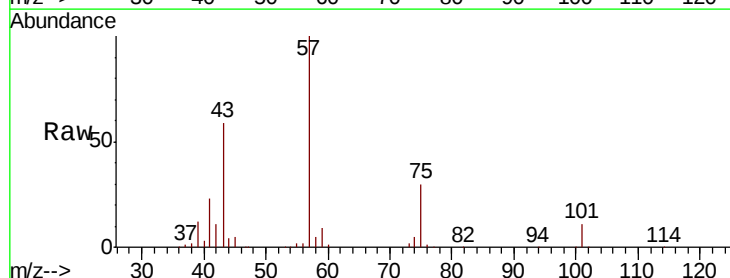
Tgt Ion: 75 Resp: 41497

Ion Ratio Lower Upper

75 100

77 0.9 25.2 37.8#

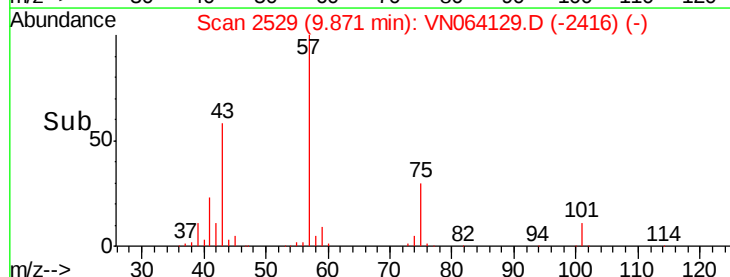
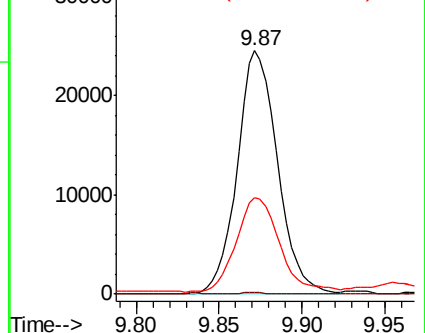
39 38.6 39.8 59.8#

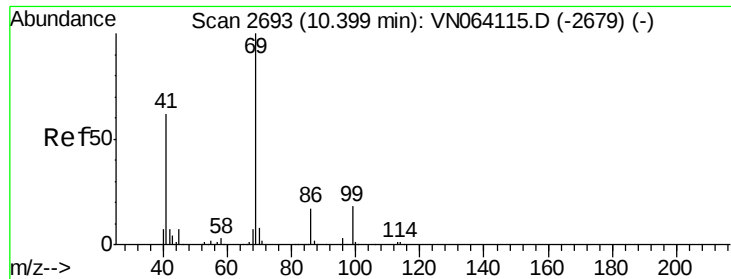


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.330 ug/l

RT: 10.38 min Scan# 2687

Delta R.T. -0.02 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

PB132343ZHE#01

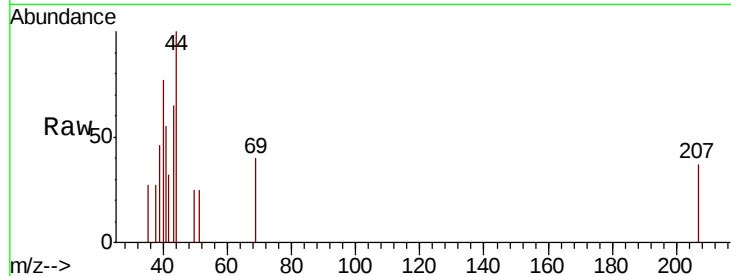
Tot Ion: 69 Resp: 203

Ion Ratio Lower Upper

69 100

41 0.0 49.3 73.9#

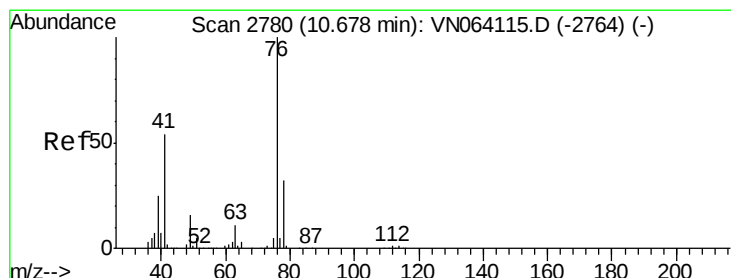
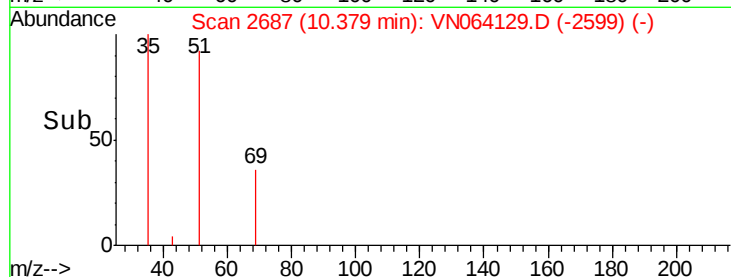
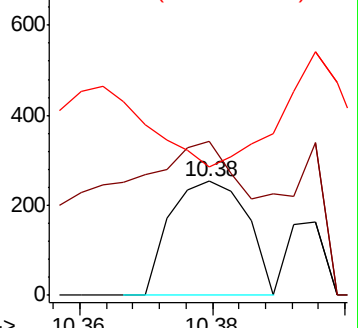
39 0.0 32.7 49.1#



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: 1.202 ug/l

RT: 10.73 min Scan# 2797

Delta R.T. 0.05 min

Lab File: VN064129.D

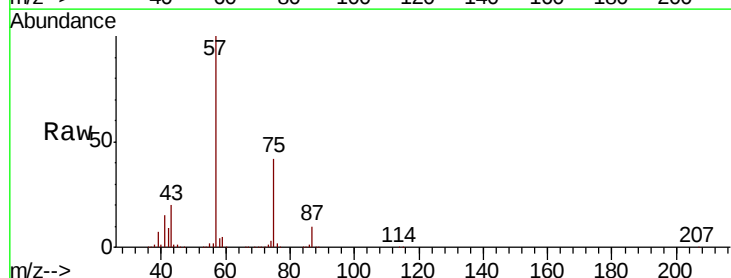
Acq: 14 Oct 2020 22:07

Tgt Ion: 76 Resp: 8364

Ion Ratio Lower Upper

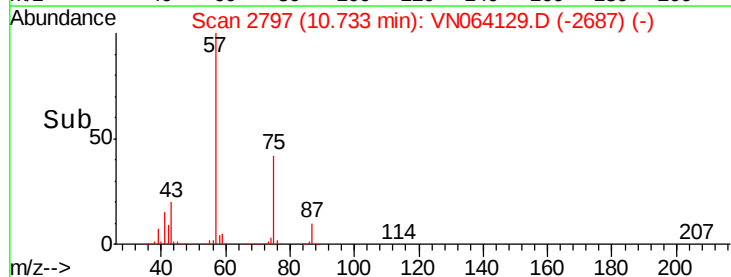
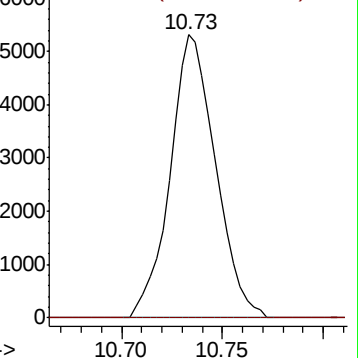
76 100

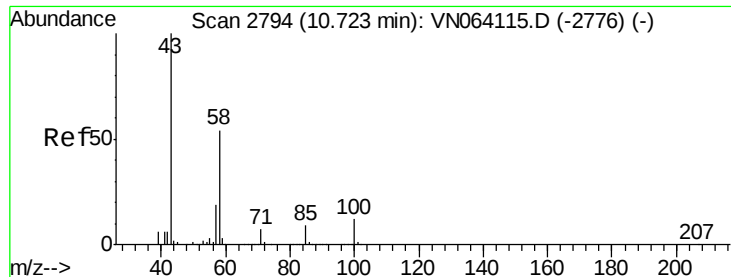
78 0.0 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 33.796 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

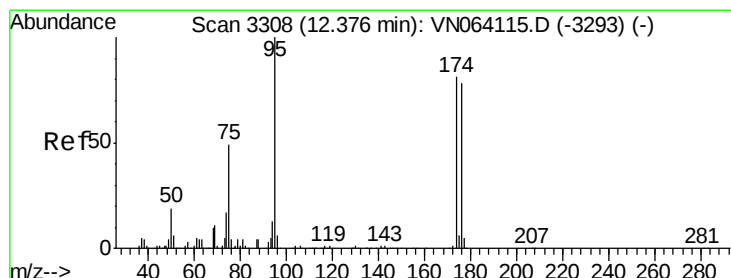
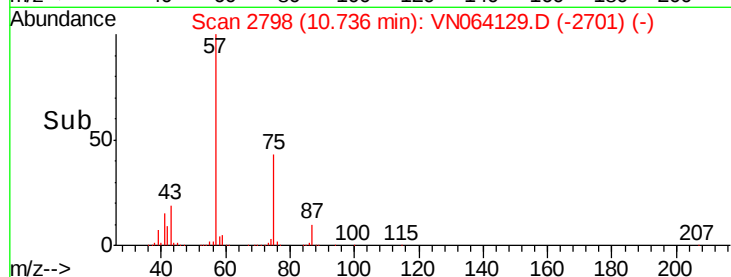
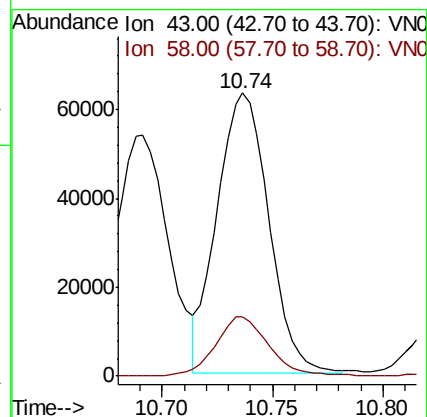
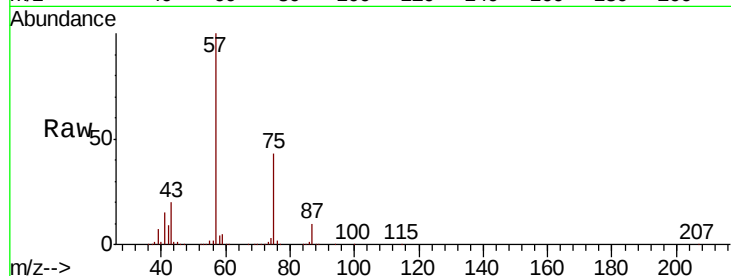
PB132343ZHE#01

Tot Ion: 43 Resp: 102301

Ion Ratio Lower Upper

43 100

58 22.0 27.2 81.6#



#62

4-Bromofluorobenzene

Concen: 53.043 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

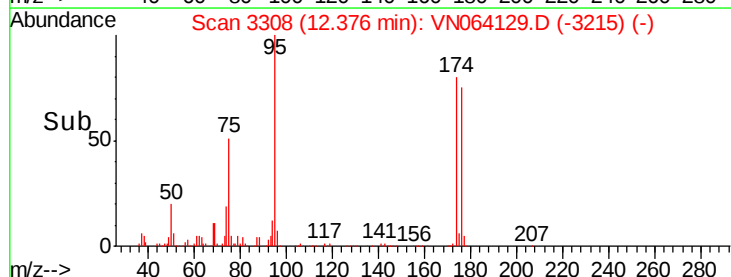
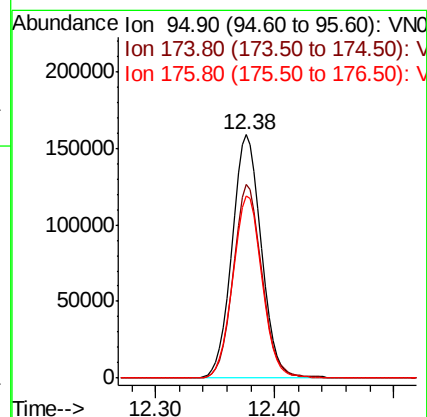
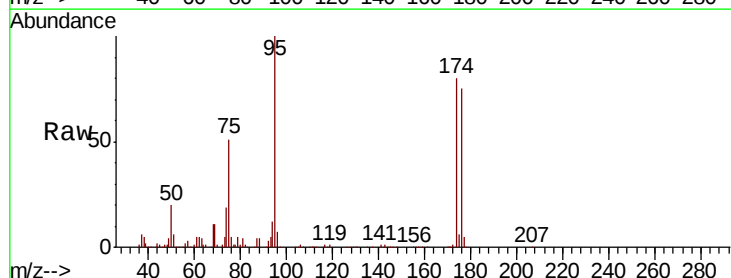
Tgt Ion: 95 Resp: 270692

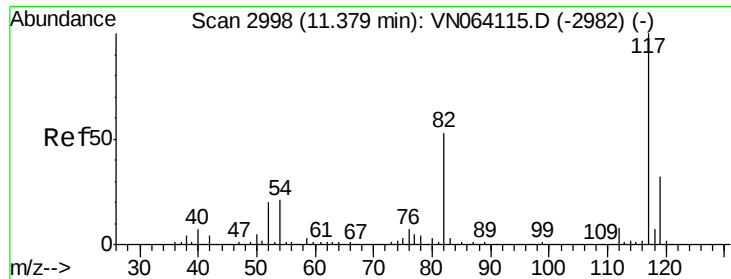
Ion Ratio Lower Upper

95 100

174 78.1 0.0 164.8

176 74.8 0.0 157.8

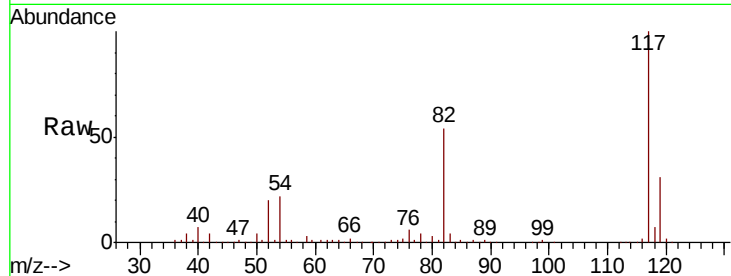




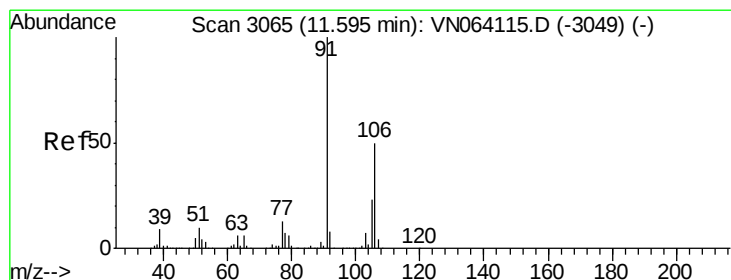
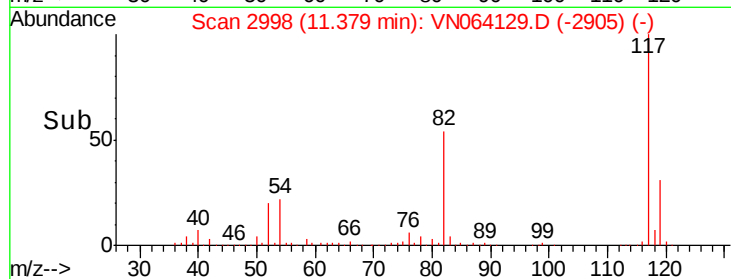
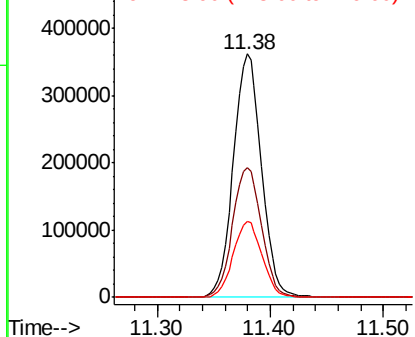
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064129.D
Acq: 14 Oct 2020 22:07

Instrument :
MSVOA_N
ClientSampleId :
PB132343ZHE#01

Tot Ion:117 Resp: 626560
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 31.4 25.5 38.3

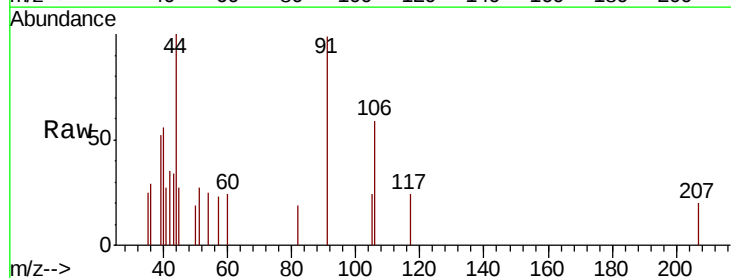


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

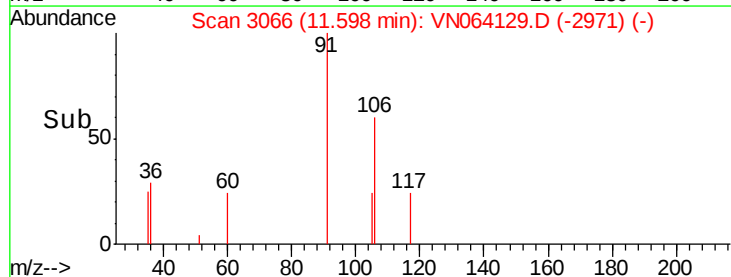
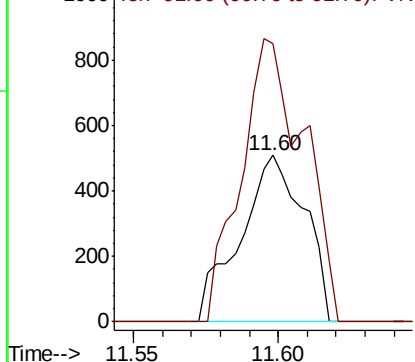


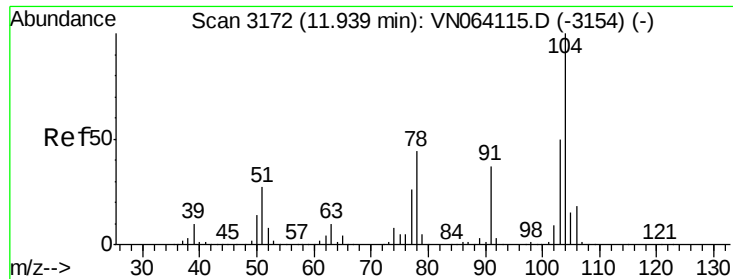
#68
m/p-Xylenes
Concen: 2.276 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064129.D
Acq: 14 Oct 2020 22:07

Tgt Ion:106 Resp: 784
Ion Ratio Lower Upper
106 100
91 167.0 162.1 243.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 2.043 ug/l

RT: 11.94 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

PB132343ZHE#01

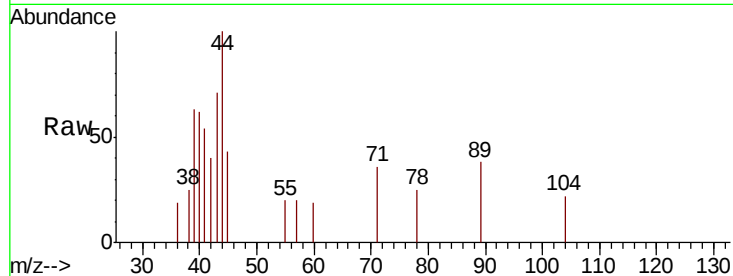
Tot Ion:104 Resp: 101

Ion Ratio Lower Upper

104 100

78 108.9 39.7 59.5#

103 68.3 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V

250

200

150

100

50

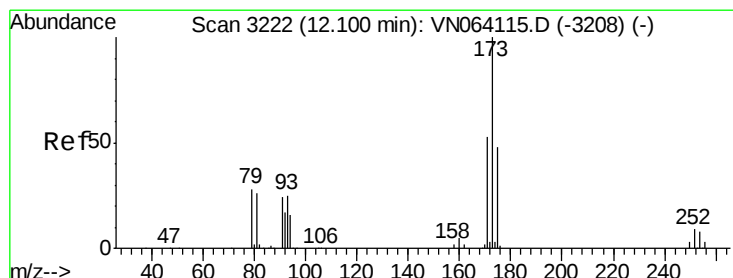
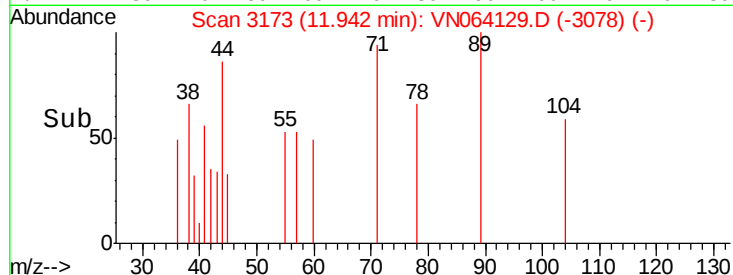
0

11.93

11.94

11.95

Time-->



#71

Bromoform

Concen: 2.332 ug/l

RT: 12.36 min Scan# 3304

Delta R.T. 0.26 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

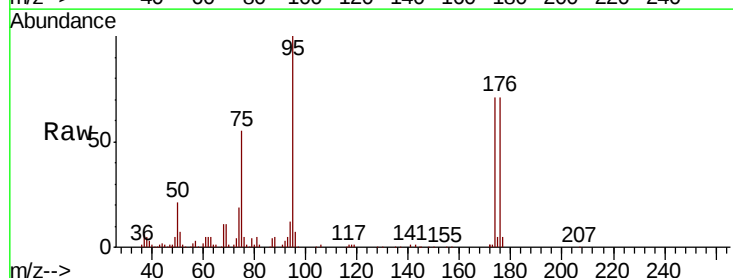
Tgt Ion:173 Resp: 438

Ion Ratio Lower Upper

173 100

175 3150.5 23.4 70.2#

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

10000

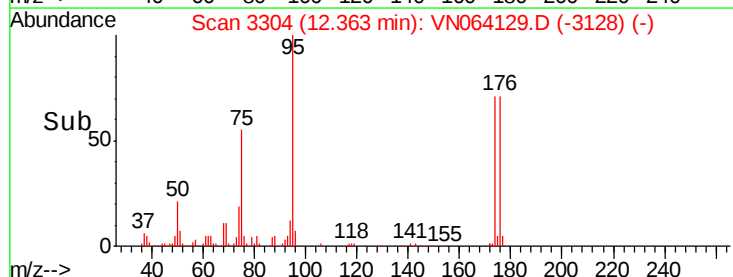
5000

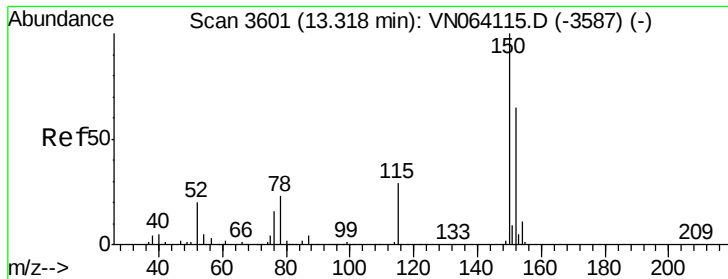
0

12.34

12.36

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

PB132343ZHE#01

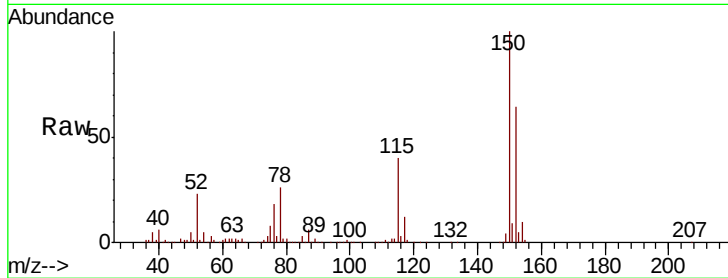
Tot Ion:152 Resp: 225794

Ion Ratio Lower Upper

152 100

115 61.3 29.3 87.8

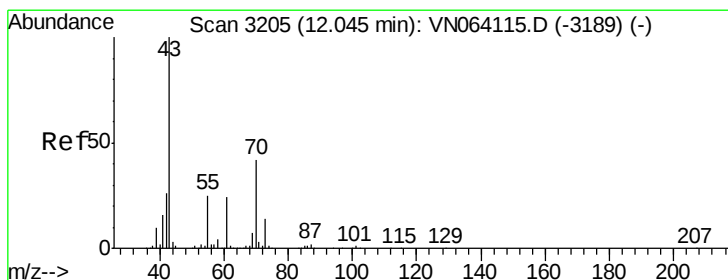
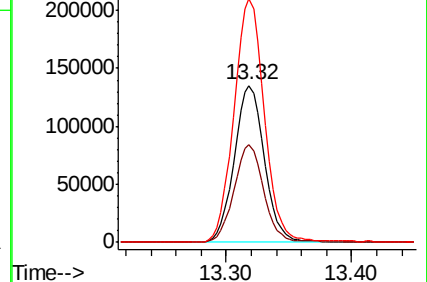
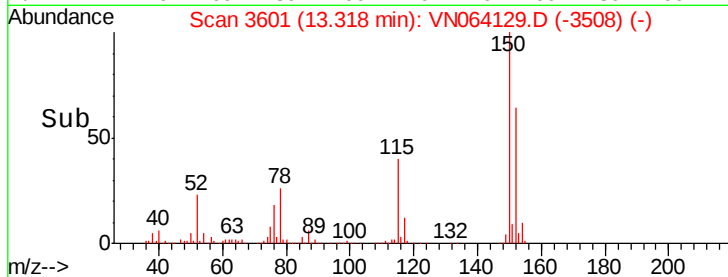
150 156.2 0.0 346.0



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: 0.391 ug/l

RT: 12.01 min Scan# 3195

Delta R.T. -0.03 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Tgt Ion: 43 Resp: 2397

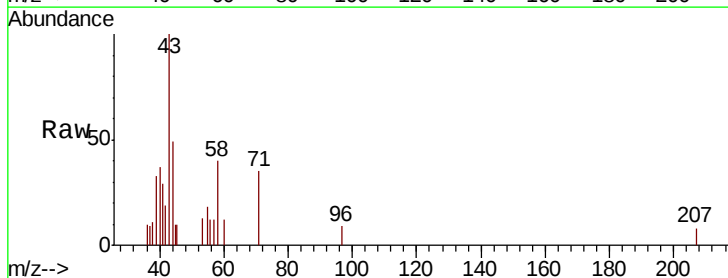
Ion Ratio Lower Upper

43 100

70 0.0 33.2 49.8#

55 22.7 19.9 29.9

61 0.0 18.8 28.2#

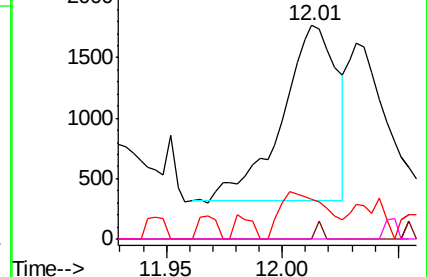
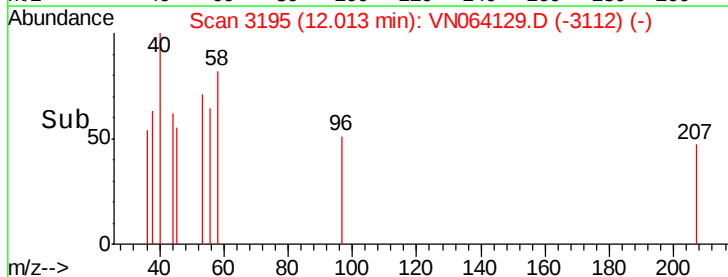


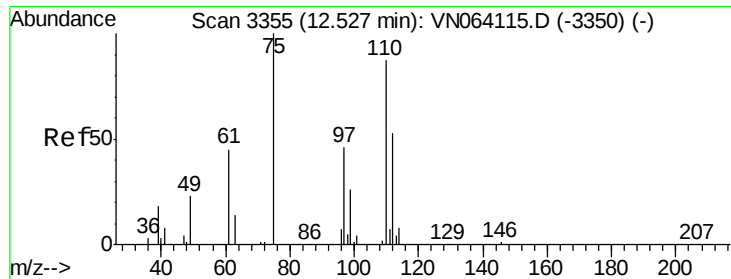
Abundance Ion 43.00 (42.70 to 43.70): VNO

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

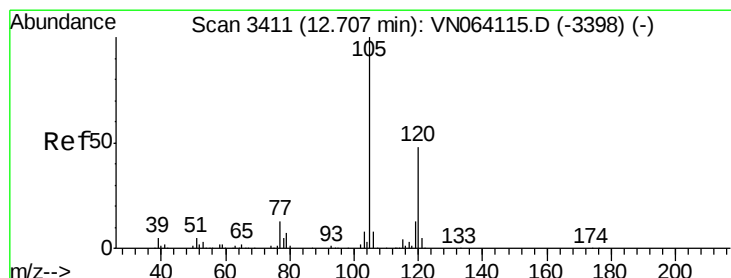
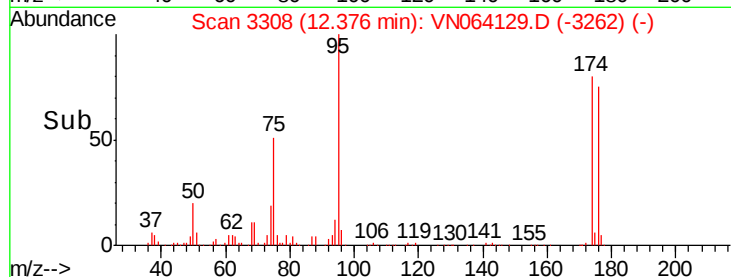
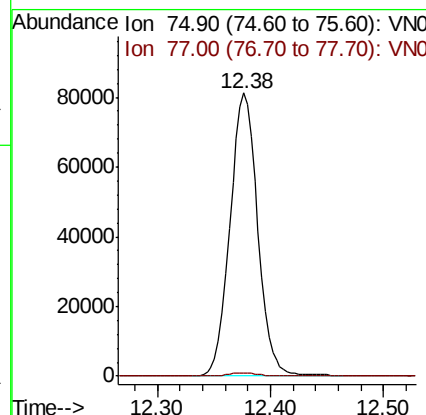
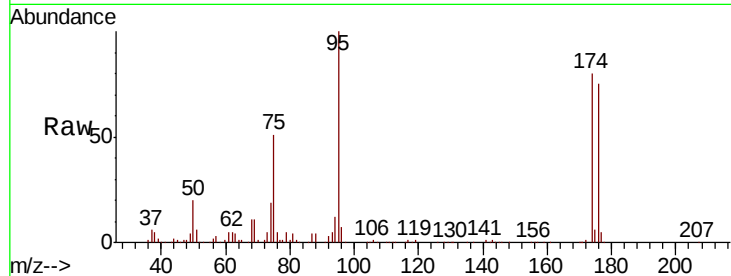




#76
 1,2,3-Trichloropropane
 Concen: 26.191 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN064129.D
 Acq: 14 Oct 2020 22:07

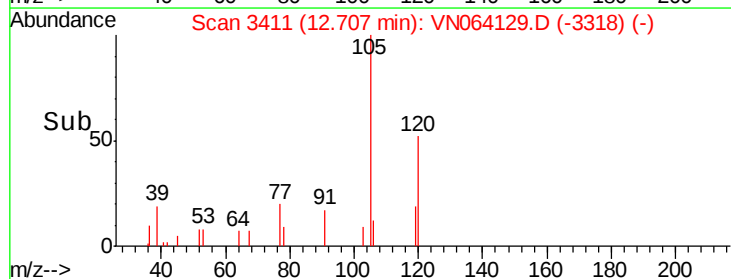
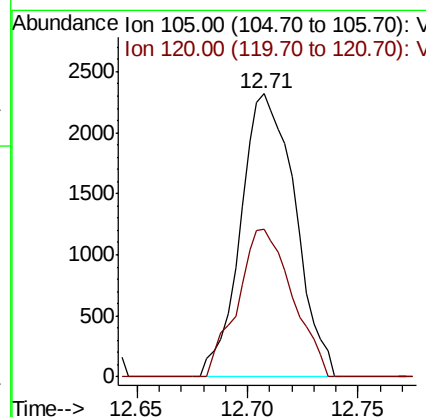
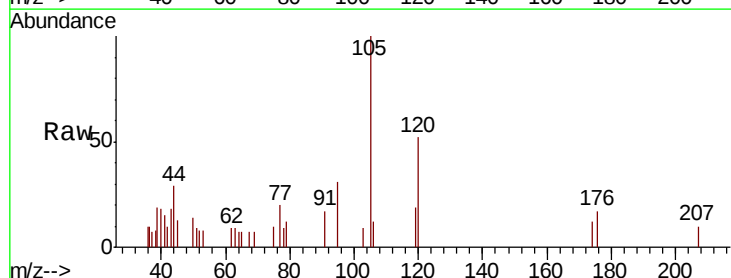
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132343ZHE#01

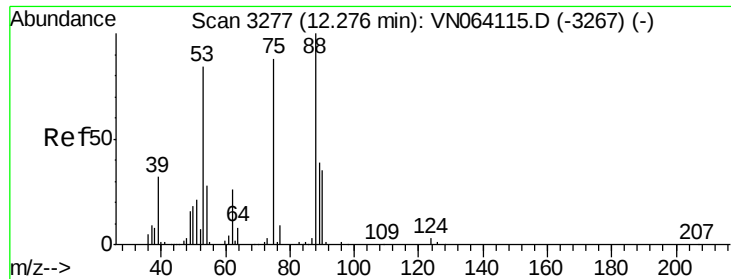
Tot Ion: 75 Resp: 138739
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.302 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064129.D
 Acq: 14 Oct 2020 22:07

Tgt Ion: 105 Resp: 3961
 Ion Ratio Lower Upper
 105 100
 120 52.4 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 80.017 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

PB132343ZHE#01

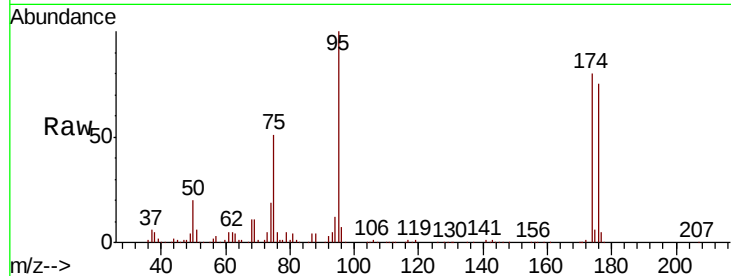
Tot Ion: 75 Resp: 138739

Ion Ratio Lower Upper

75 100

53 0.2 75.7 113.5#

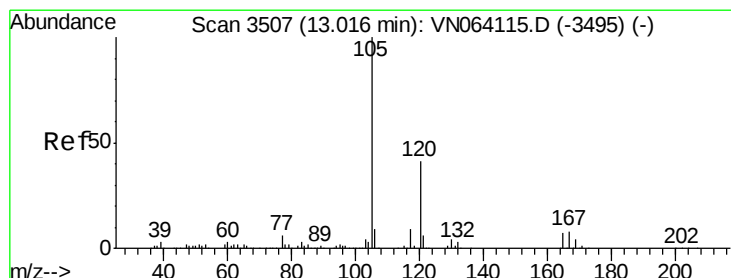
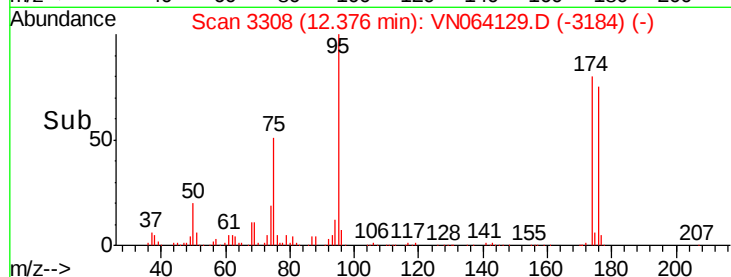
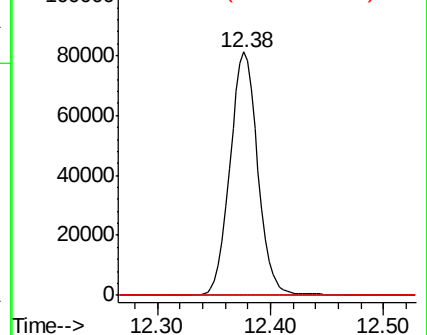
89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064115.D (-3267) (-)

Ion 53.00 (52.70 to 53.70): VN064115.D (-3267) (-)

Ion 88.90 (88.60 to 89.60): VN064115.D (-3267) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.205 ug/l

RT: 13.03 min Scan# 3511

Delta R.T. 0.01 min

Lab File: VN064129.D

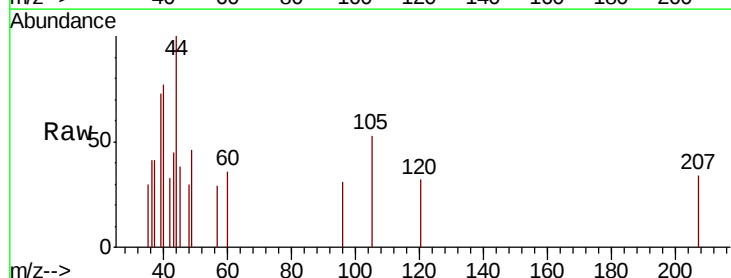
Acq: 14 Oct 2020 22:07

Tgt Ion: 105 Resp: 277

Ion Ratio Lower Upper

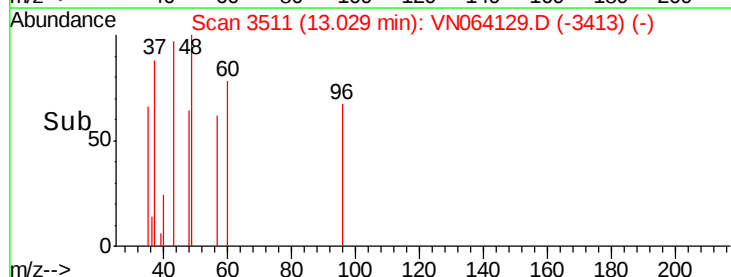
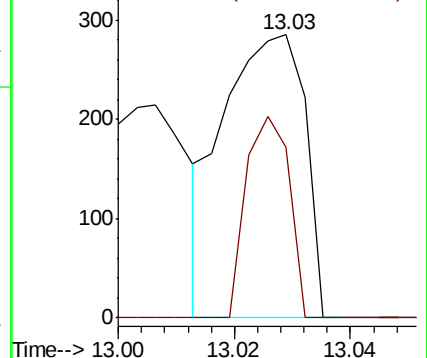
105 100

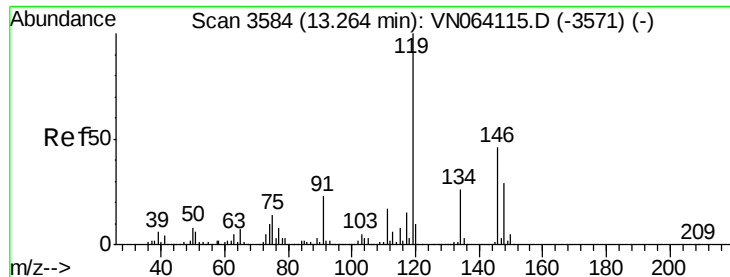
120 37.5 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3495) (-)

Ion 120.00 (119.70 to 120.70): VN064115.D (-3495) (-)





#86

p-Isopropyltoluene

Concen: 0.681 ug/l

RT: 13.27 min Scan# 3587

Delta R.T. 0.01 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

PB132343ZHE#01

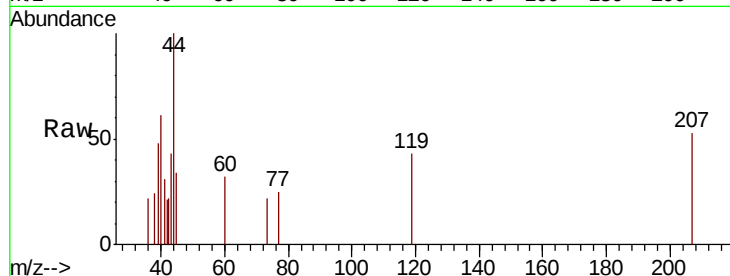
Tot Ion:119 Resp: 253

Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

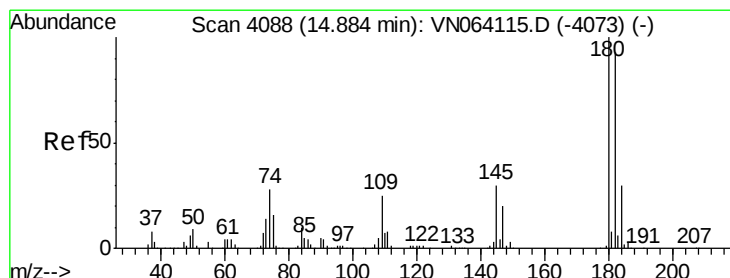
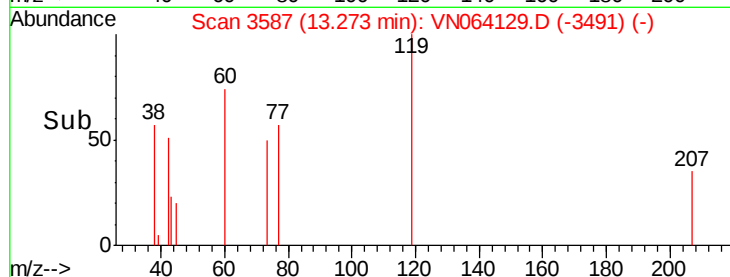
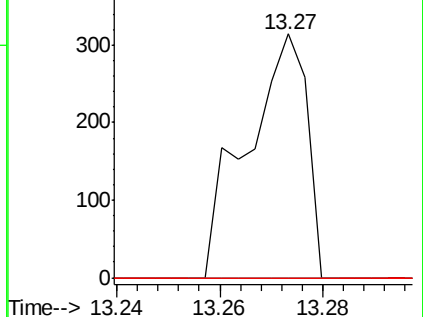
91 0.0 12.0 36.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.188 ug/l

RT: 14.90 min Scan# 4093

Delta R.T. 0.02 min

Lab File: VN064129.D

Acq: 14 Oct 2020 22:07

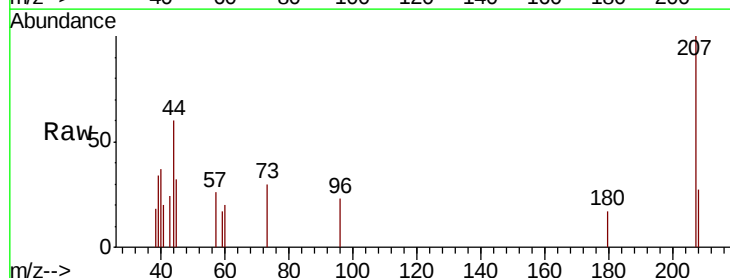
Tgt Ion:180 Resp: 29

Ion Ratio Lower Upper

180 100

182 0.0 45.8 137.4#

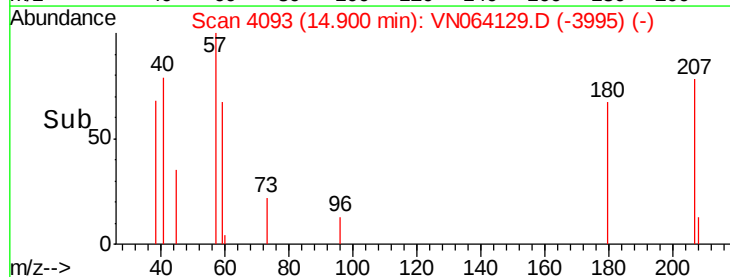
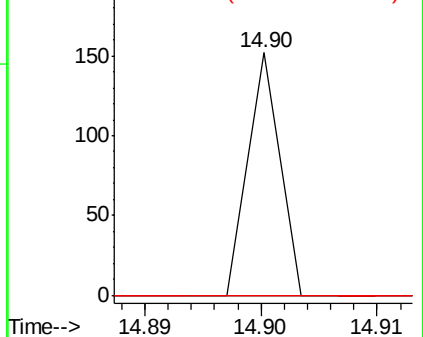
145 0.0 15.4 46.1#

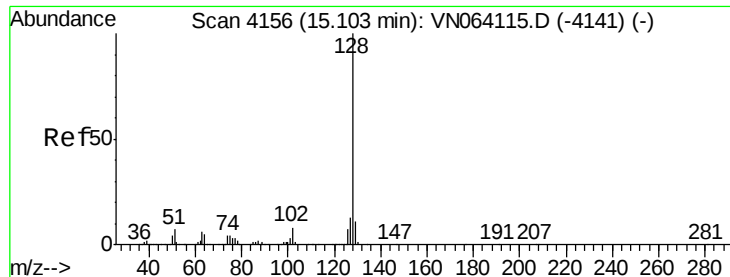


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.821 ug/l

RT: 15.12 min Scan# 4162

Delta R.T. 0.02 min

Lab File: VN064129.D

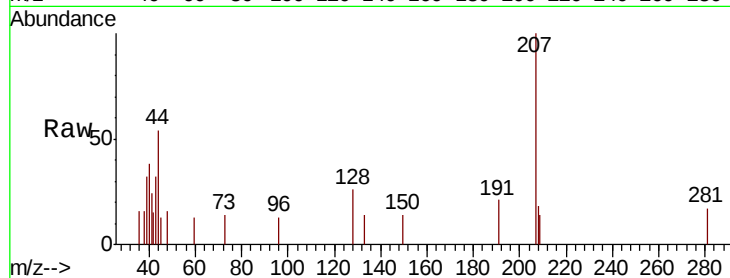
Acq: 14 Oct 2020 22:07

Instrument :

MSVOA_N

ClientSampleId :

PB132343ZHE#01



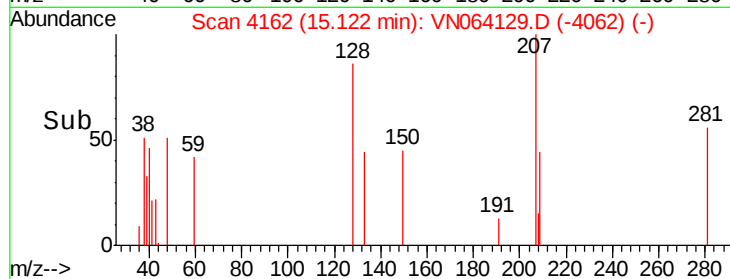
Tot Ion:128 Resp: 281

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

400

300

200

100

0

15.10 15.12 15.14

Time-->