

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055356.D
 Acq On : 2 May 2019 18:00
 Operator : JC/SP
 Sample : K2658-15DL 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E1-6DL

Quant Time: May 03 01:56:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	374417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	627483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	581152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	262275	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	7.59	113	206269	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.09	98	784357	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.40	95	261794	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

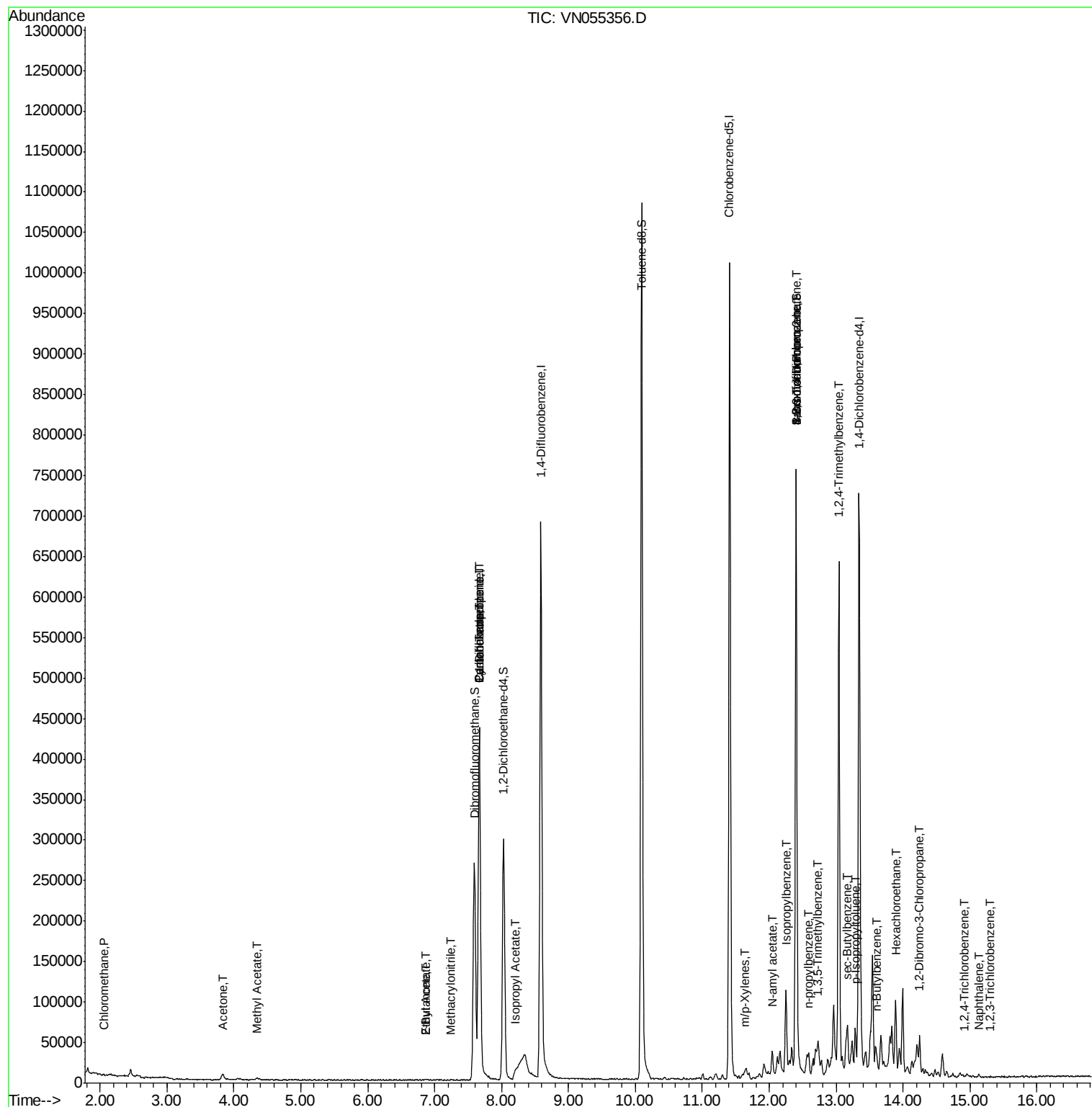
						Qvalue
3) Chloromethane	2.06	50	1377	0.242	ug/l #	88
16) Acetone	3.83	43	13906	9.111	ug/l	93
18) Methyl Acetate	4.35	43	5227	0.378	ug/l #	77
25) 2-Butanone	6.86	43	1294	0.663	ug/l #	53
31) Cyclohexane	7.66	56	8435	1.095	ug/l #	5
36) 1,1-Dichloropropene	7.67	75	29880	4.971	ug/l #	45
37) Ethyl Acetate	6.86	43	1294	0.281	ug/l #	71
38) Carbon Tetrachloride	7.67	117	33863	5.841	ug/l #	16
41) Methacrylonitrile	7.23	41	252	0.839	ug/l #	46
43) Isopropyl Acetate	8.21	43	7837	1.059	ug/l #	56
68) m/p-Xylenes	11.63	106	2470	0.337	ug/l	94
71) Bromoform	12.40	173	1224	0.496	ug/l #	1
73) Isopropylbenzene	12.25	105	67250	1.295	ug/l	99
74) N-amyl acetate	12.05	43	8305	1.675	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.52	83	72	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	134356	36.747	ug/l #	100
78) n-propylbenzene	12.59	91	22922	1.155	ug/l	96
79) 2-Chlorotoluene	12.69	91	2772	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	5843	0.386	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	134356	131.792	ug/l #	7
83) tert-Butylbenzene	12.99	119	7660	Below Cal		95
84) 1,2,4-Trimethylbenzene	13.04	105	350638	25.886	ug/l	99
85) sec-Butylbenzene	13.17	105	31382	1.906	ug/l	82
86) p-Isopropyltoluene	13.29	119	15084	1.115	ug/l	99
89) n-Butylbenzene	13.62	91	8587	0.893	ug/l #	77
90) Hexachloroethane	13.89	117	4412	0.500	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	218	0.429	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.92	180	239	3.399	ug/l #	1
94) Hexachlorobutadiene	15.00	225	62	Below Cal	#	6
95) Naphthalene	15.13	128	3097	3.867	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.31	180	63	2.637	ug/l #	1

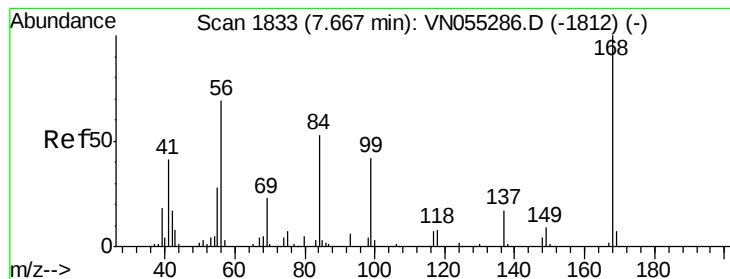
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

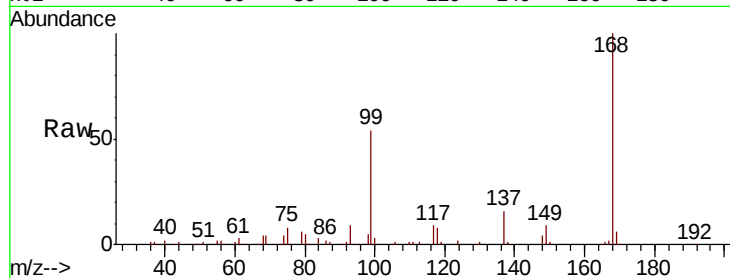
EP1-PZ-E1-6DL

Tot Ion:168 Resp: 374417

Ion Ratio Lower Upper

168 100

99 53.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

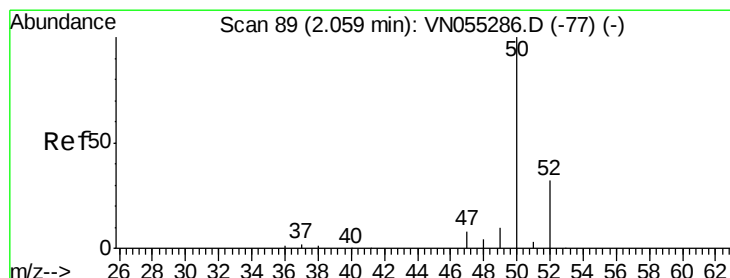
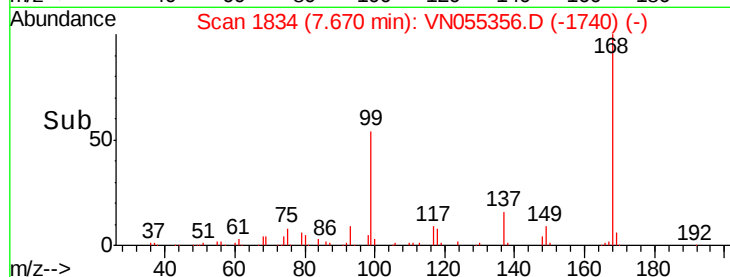
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.242 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055356.D

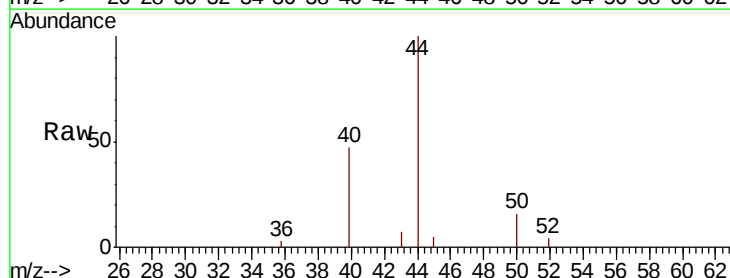
Acq: 2 May 2019 18:00

Tgt Ion: 50 Resp: 1377

Ion Ratio Lower Upper

50 100

52 25.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VN055286.D (-77) (-)

Ion 51.90 (51.60 to 52.60): VN055286.D (-77) (-)

2.06

1000

800

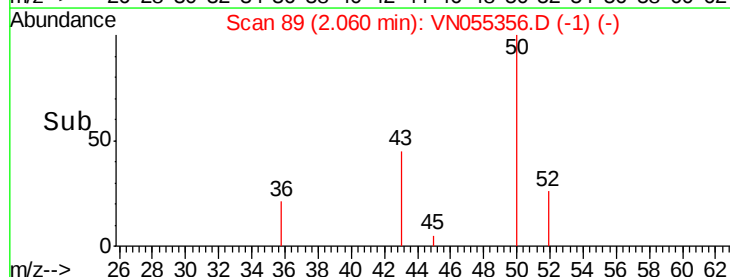
600

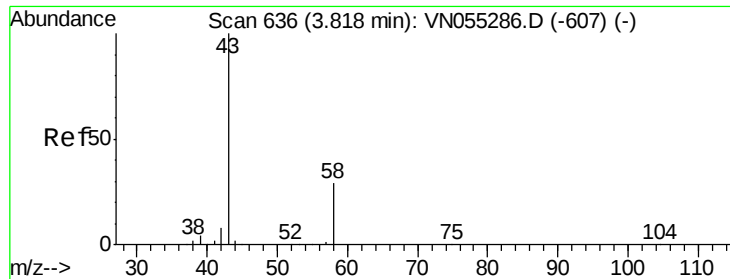
400

200

0

Time-->





#16

Acetone

Concen: 9.111 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

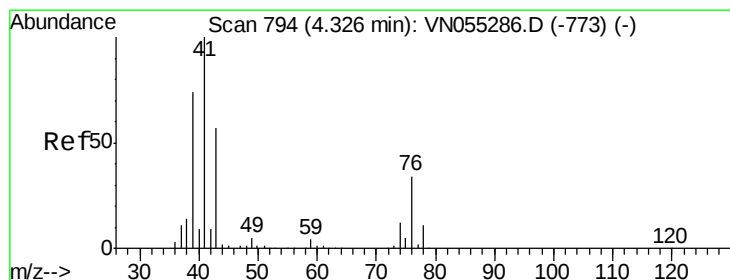
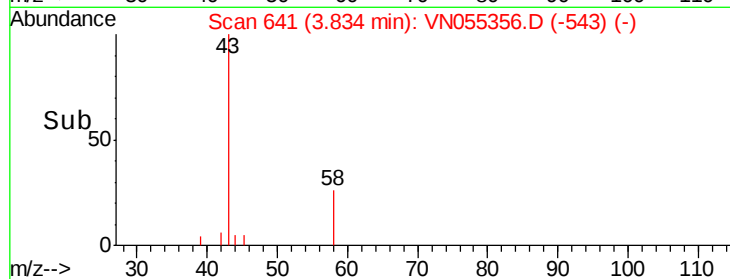
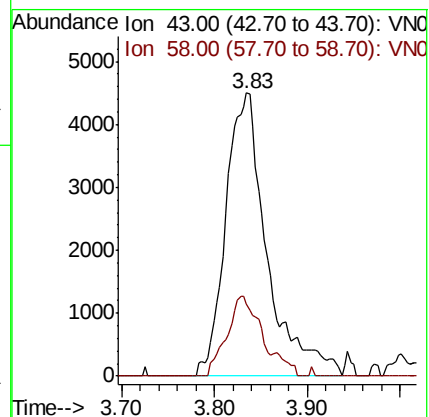
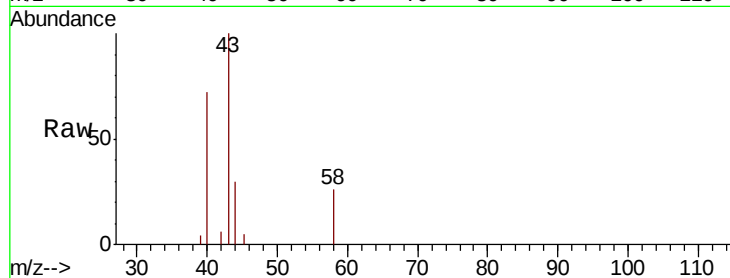
EP1-PZ-E1-6DL

Tot Ion: 43 Resp: 13906

Ion Ratio Lower Upper

43 100

58 25.7 23.6 35.4



#18

Methyl Acetate

Concen: 0.378 ug/l

RT: 4.35 min Scan# 800

Delta R.T. 0.02 min

Lab File: VN055356.D

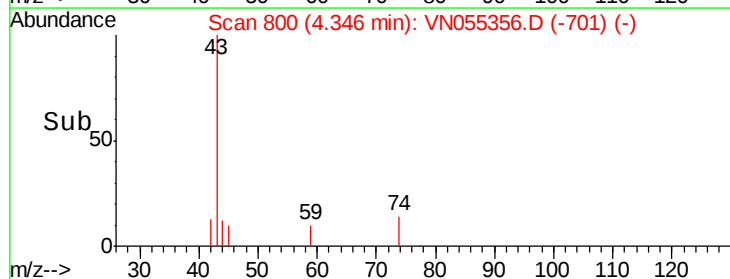
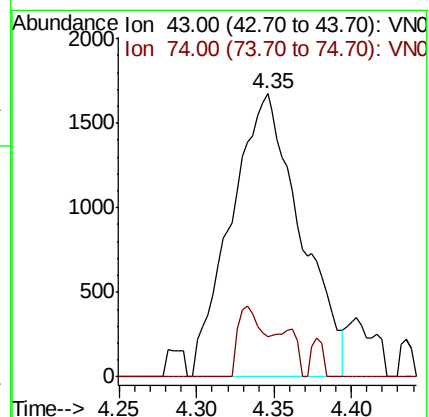
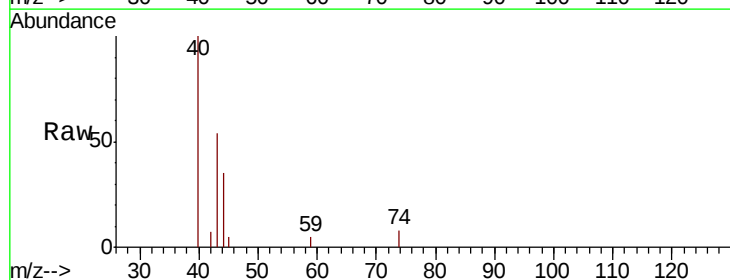
Acq: 2 May 2019 18:00

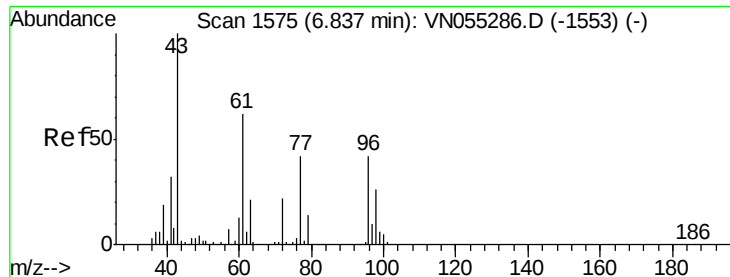
Tgt Ion: 43 Resp: 5227

Ion Ratio Lower Upper

43 100

74 9.3 15.8 23.8#

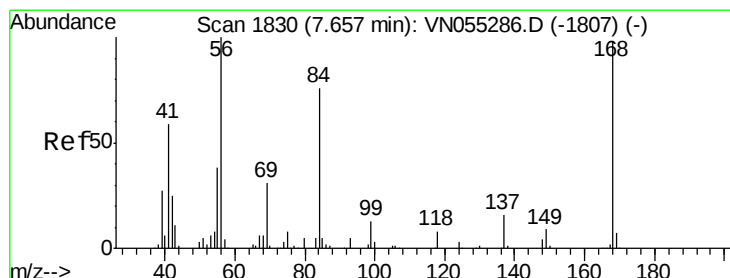
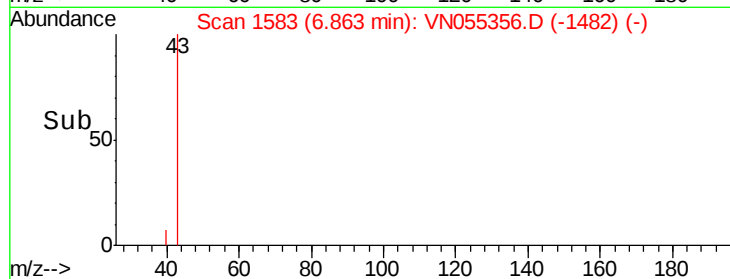
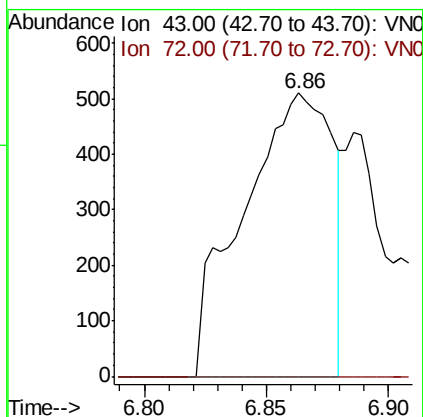
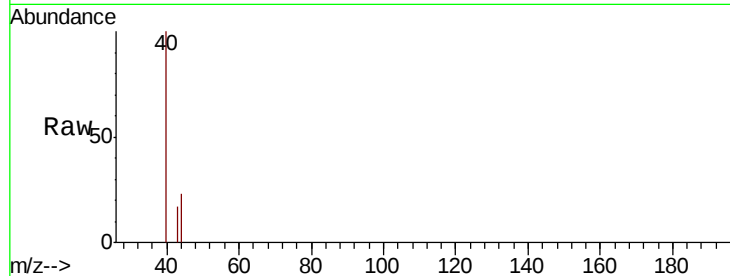




#25
2-Butanone
Concen: 0.663 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

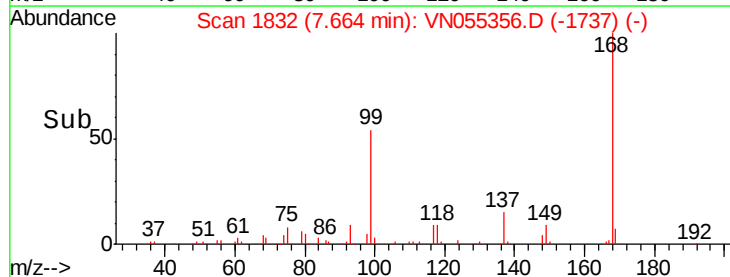
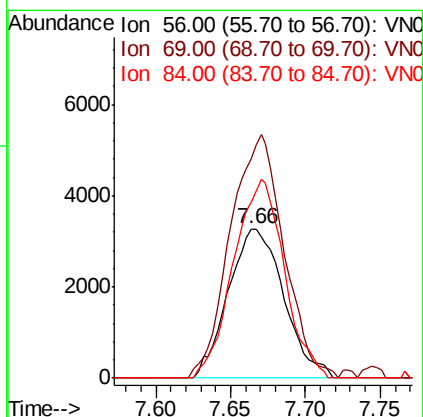
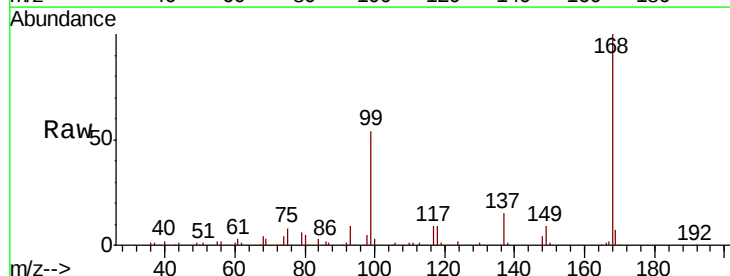
Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-E1-6DL

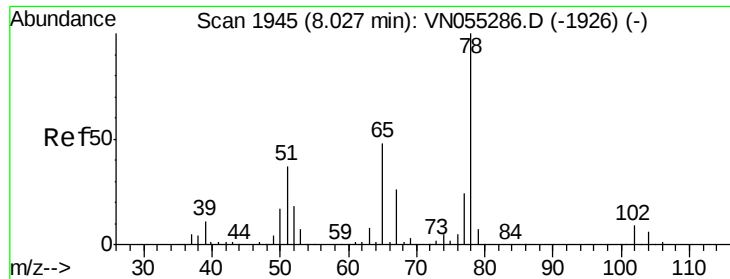
Tot Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

Tgt Ion: 56 Resp: 8435
Ion Ratio Lower Upper
56 100
69 147.2 25.2 37.8#
84 117.8 61.1 91.7#





#33

1,2-Dichloroethane-d4

Concen: 53.545 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

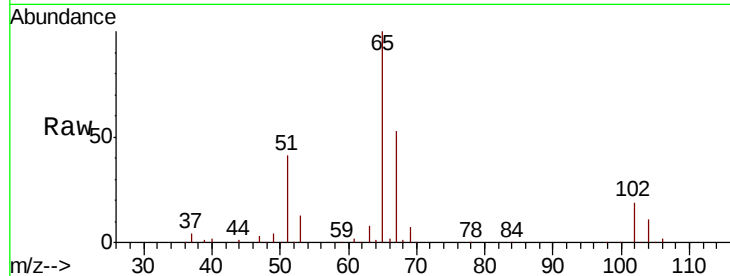
EP1-PZ-E1-6DL

Tot Ion: 65 Resp: 262275

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

120000

100000

80000

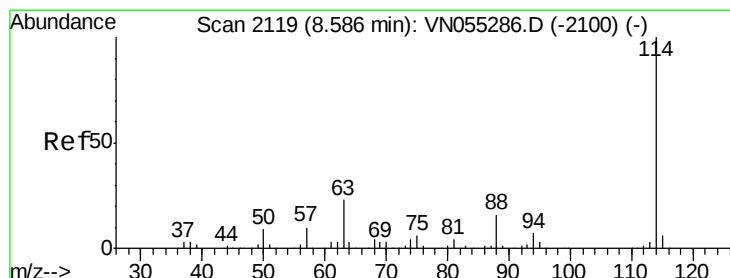
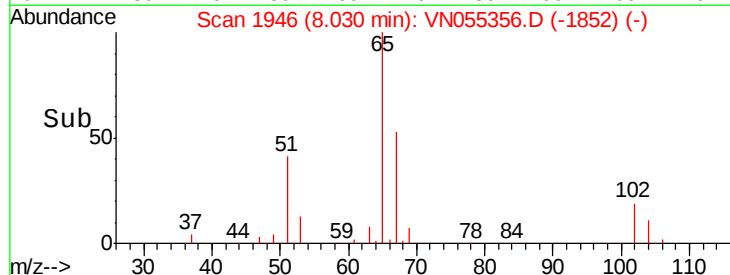
60000

40000

20000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

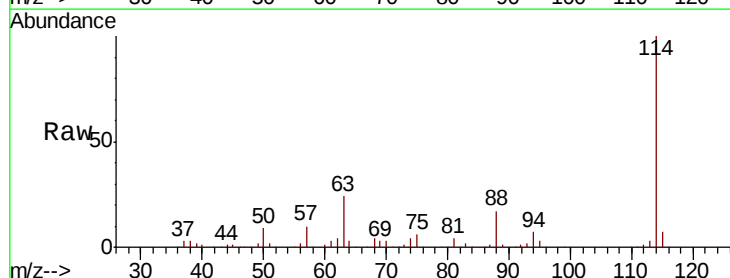
Tgt Ion:114 Resp: 627483

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.2

88 16.7 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

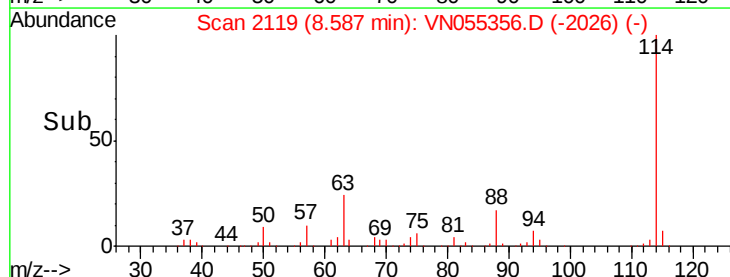
300000

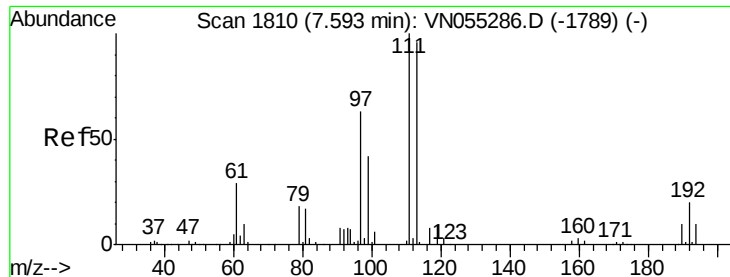
200000

100000

0

Time--> 8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 50.082 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E1-6DL

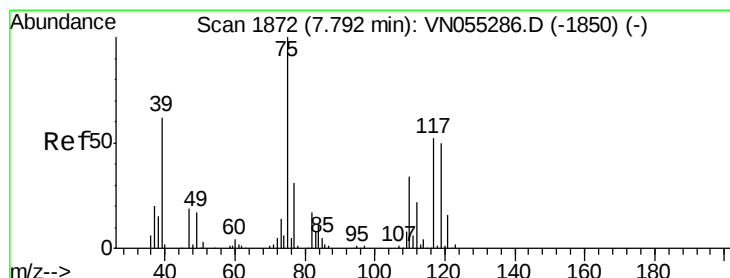
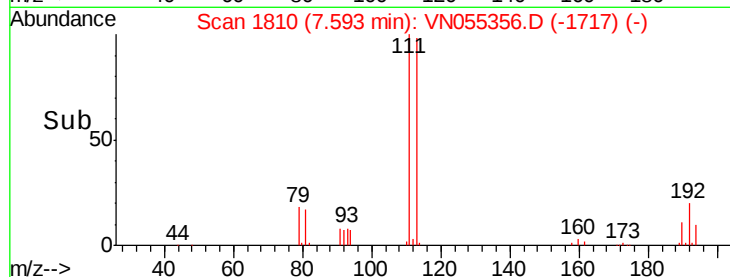
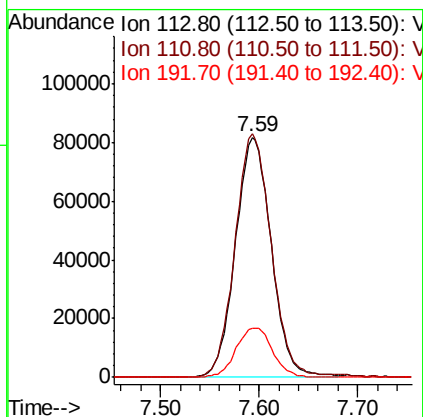
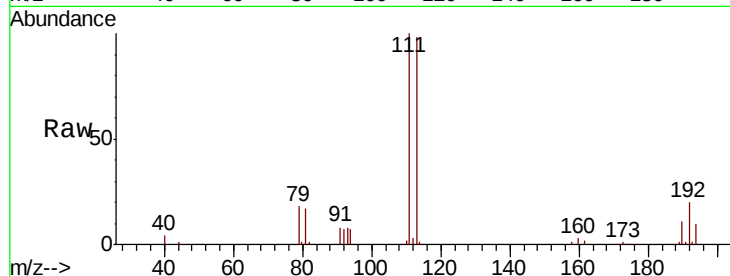
Tot Ion:113 Resp: 206269

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	21.1	17.0	25.6

113 100

111 102.0 82.3 123.5

192 21.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.971 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

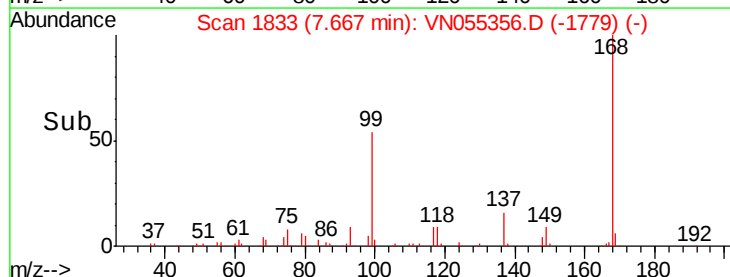
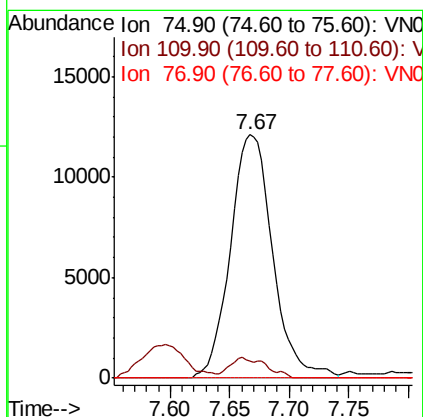
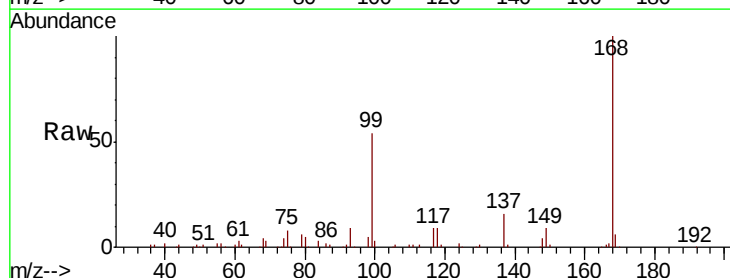
Tgt Ion: 75 Resp: 29880

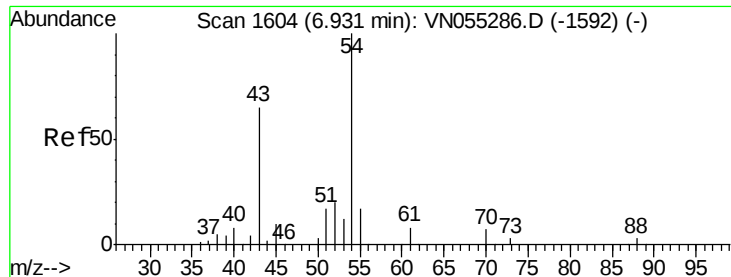
Ion	Ratio	Lower	Upper
75	100		
110	3.2	16.8	50.4#
77	0.0	25.0	37.6#

75 100

110 3.2 16.8 50.4#

77 0.0 25.0 37.6#

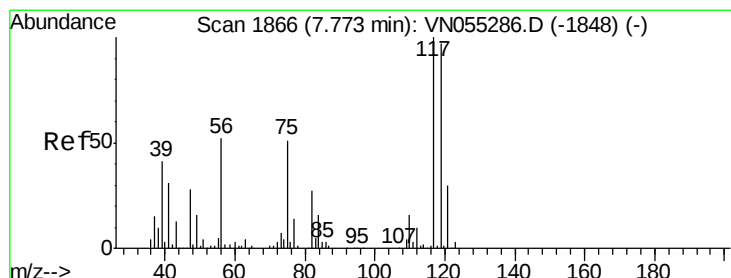
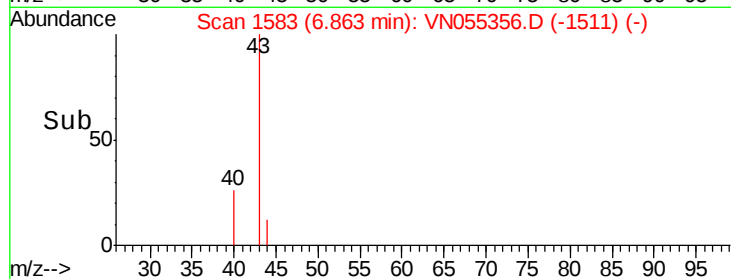
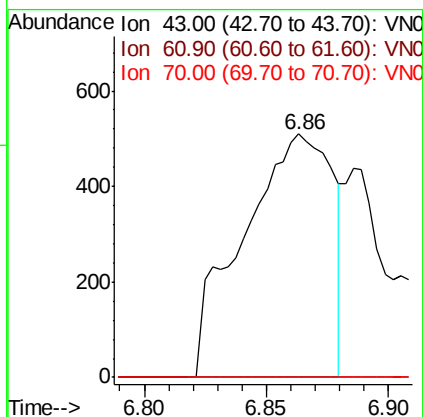
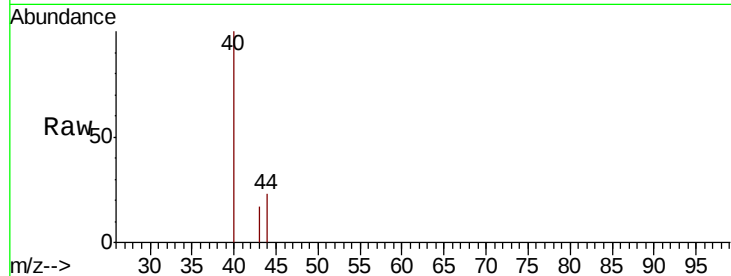




#37
Ethyl Acetate
Concen: 0.281 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. -0.07 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

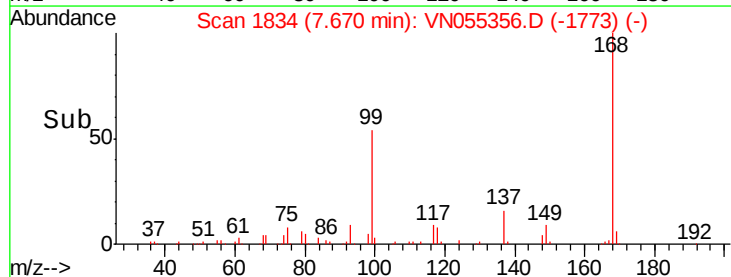
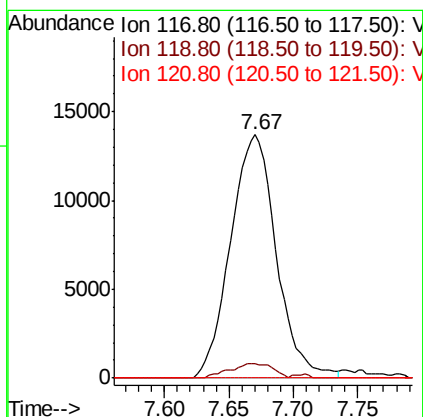
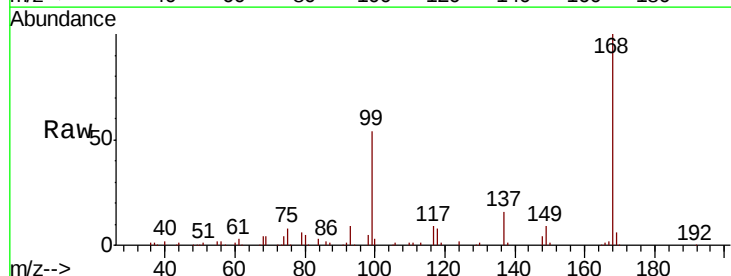
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E1-6DL

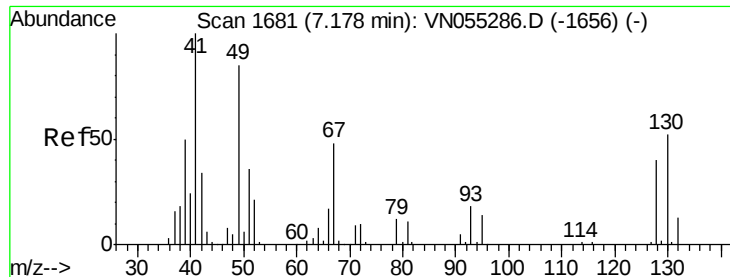
Tot Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 6.6 10.0#



#38
Carbon Tetrachloride
Concen: 5.841 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.10 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

Tgt Ion: 117 Resp: 33863
Ion Ratio Lower Upper
117 100
119 5.9 77.0 115.6#
121 0.0 23.8 35.8#

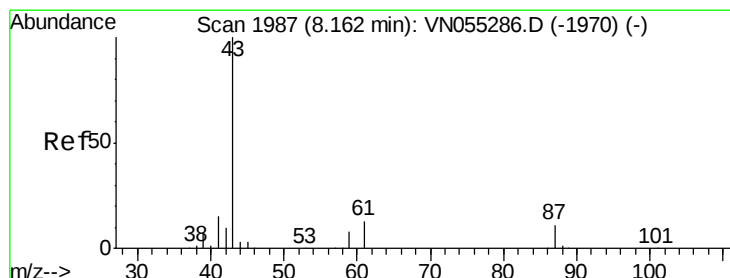
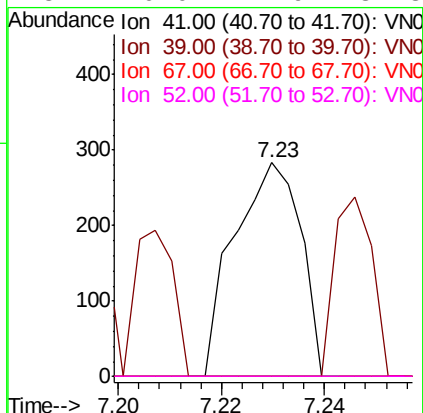
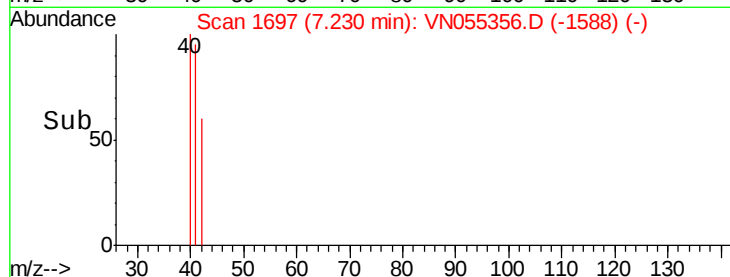
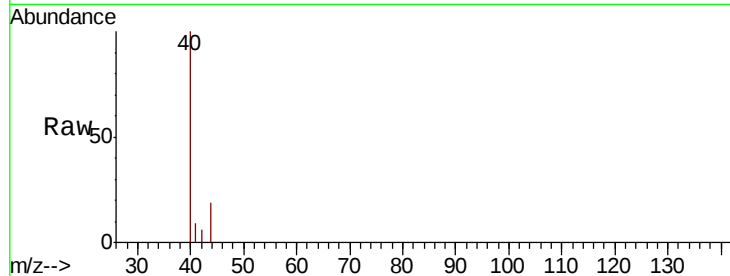




#41
Methacrylonitrile
Concen: 0.839 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.05 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

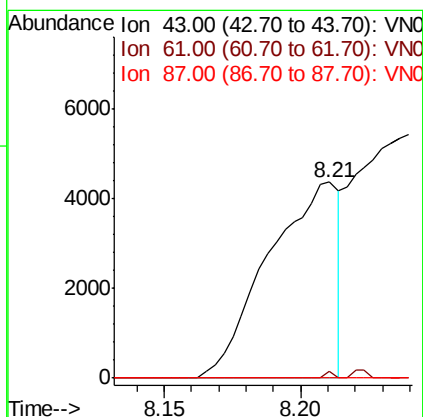
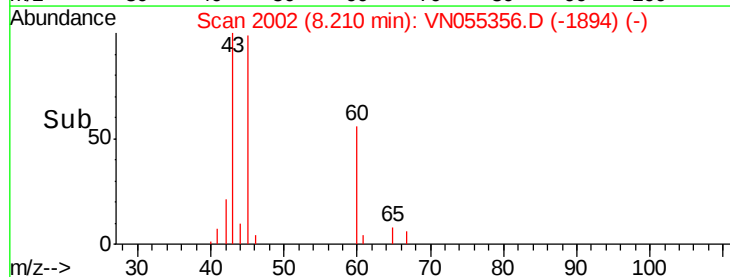
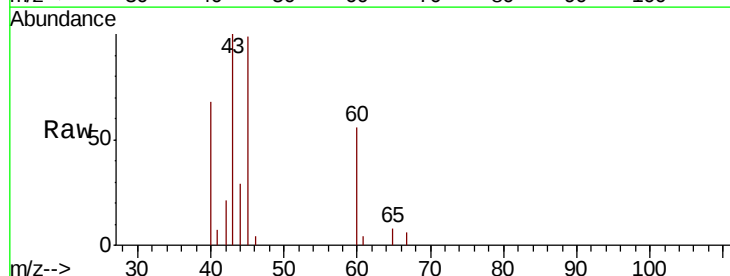
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E1-6DL

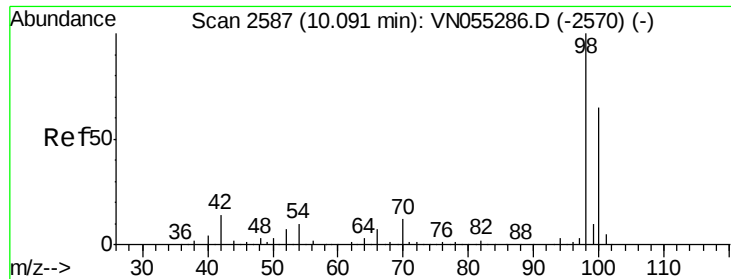
Tot Ion: 41 Resp: 252
Ion Ratio Lower Upper
41 100
39 47.2 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.059 ug/l
RT: 8.21 min Scan# 2002
Delta R.T. 0.05 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

Tgt Ion: 43 Resp: 7837
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 8.5 12.7#





#50

Toluene-d8

Concen: 52.741 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampled :

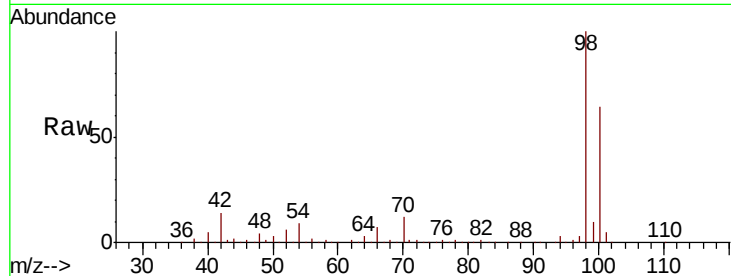
EP1-PZ-E1-6DL

Tot Ion: 98 Resp: 784357

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

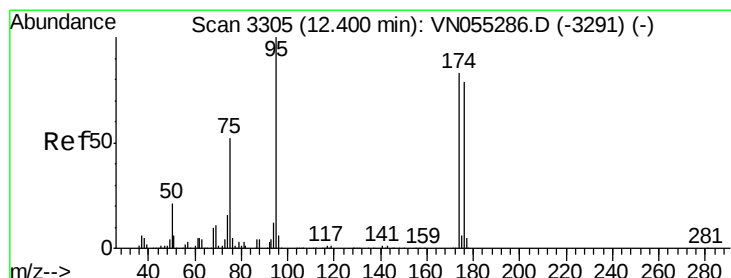
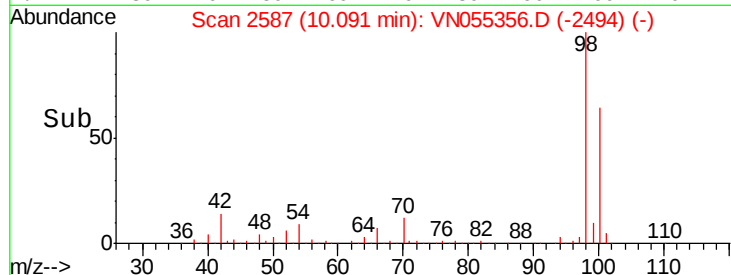
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.325 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

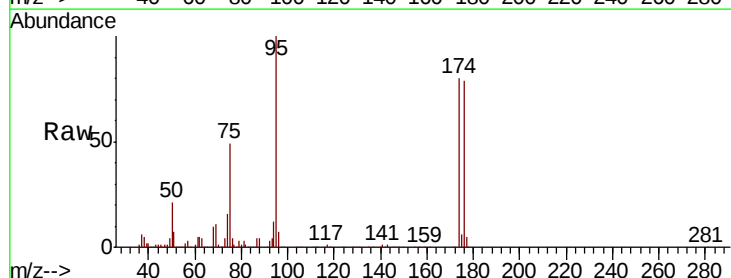
Tgt Ion: 95 Resp: 261794

Ion Ratio Lower Upper

95 100

174 81.7 0.0 166.6

176 80.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

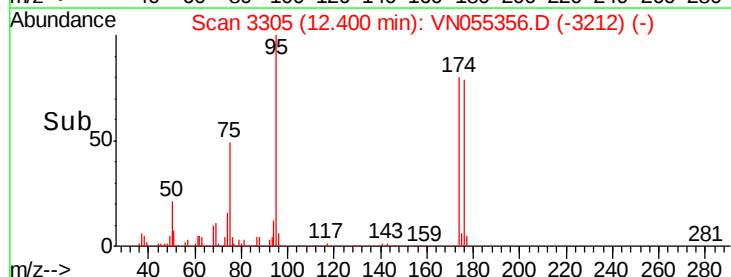
150000

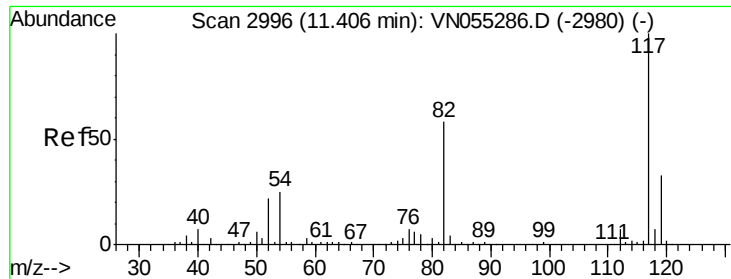
100000

50000

0

Time-->

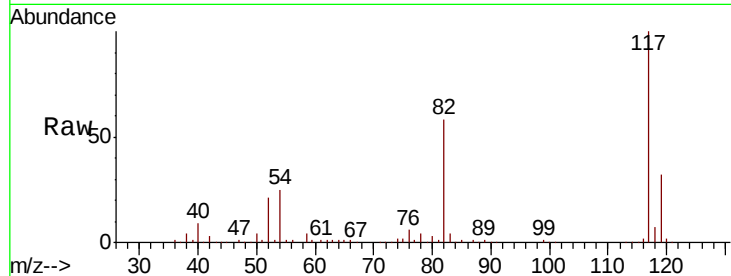




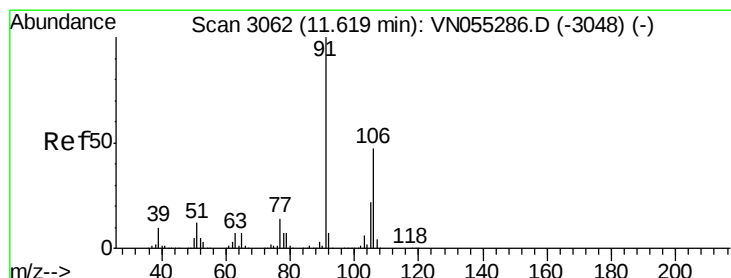
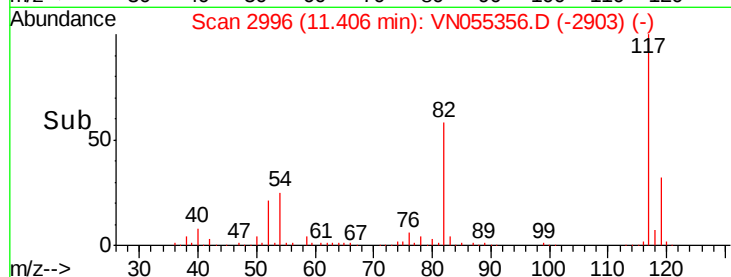
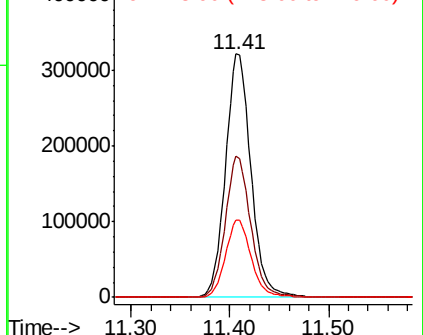
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E1-6DL

Tot Ion:117 Resp: 581152
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.9 26.6 40.0

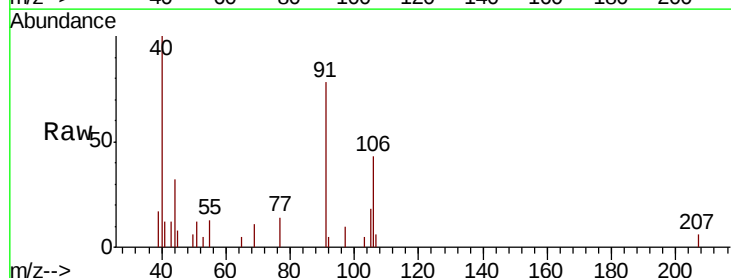


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

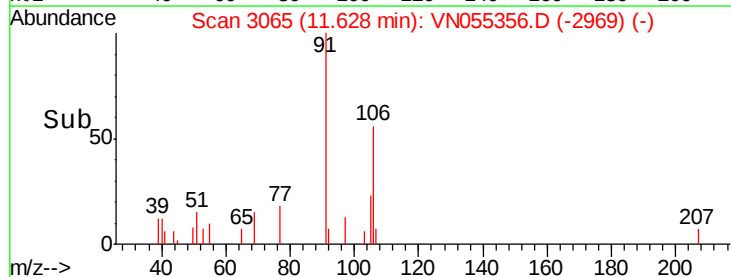
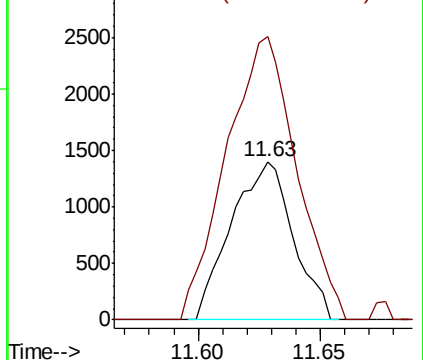


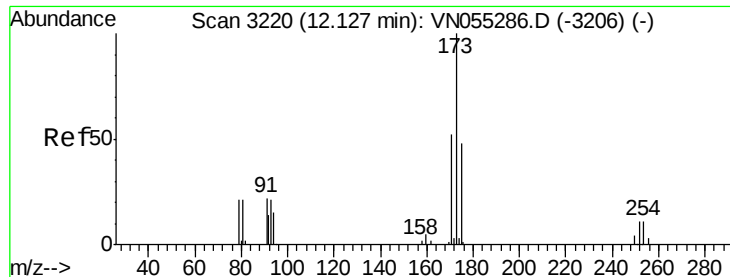
#68
m/p-Xylenes
Concen: 0.337 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

Tgt Ion:106 Resp: 2470
Ion Ratio Lower Upper
106 100
91 202.9 169.5 254.3



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





#71

Bromoform

Concen: 0.496 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E1-6DL

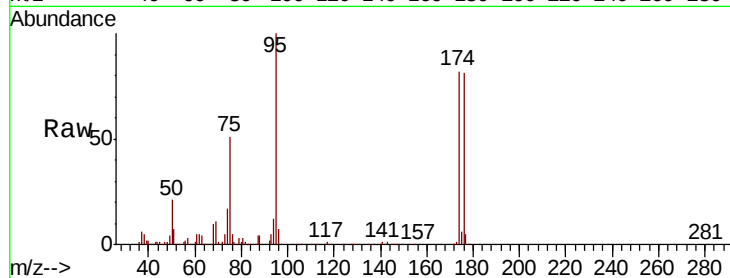
Tot Ion:173 Resp: 1224

Ion Ratio Lower Upper

173 100

175 1079.5 23.6 71.0#

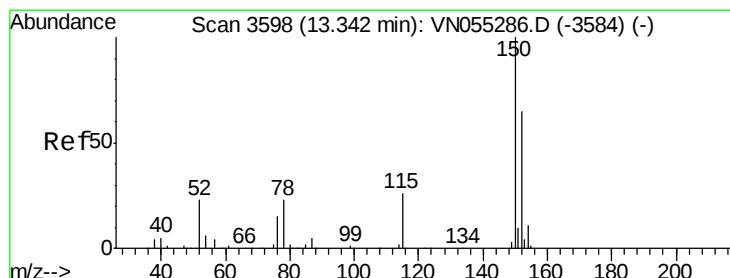
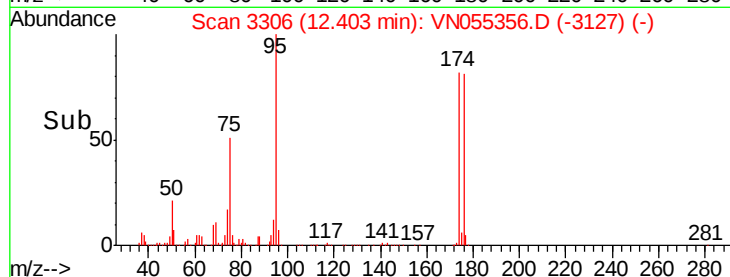
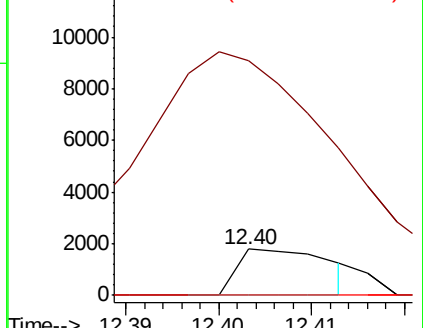
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

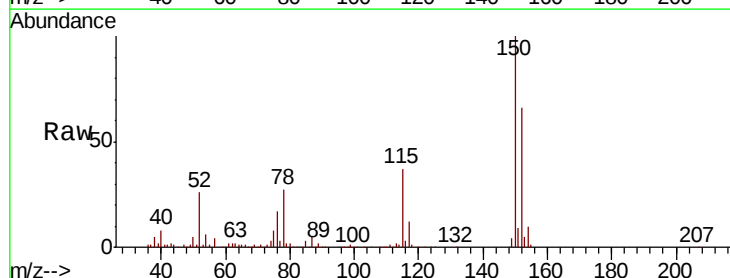
Tgt Ion:152 Resp: 193194

Ion Ratio Lower Upper

152 100

115 57.2 29.0 87.0

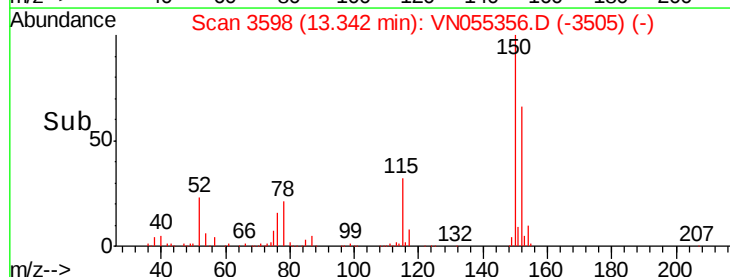
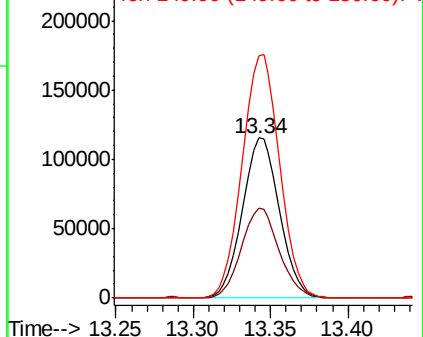
150 153.6 0.0 345.6

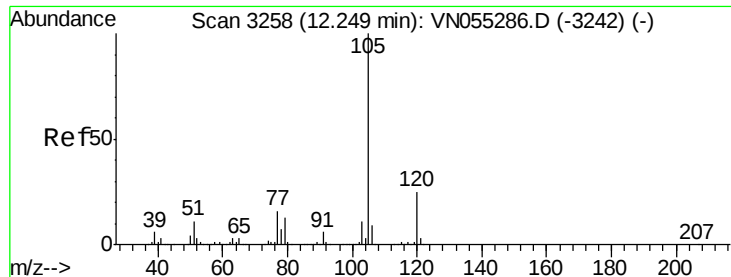


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.295 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

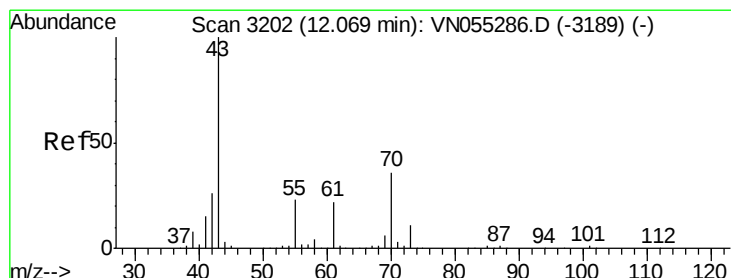
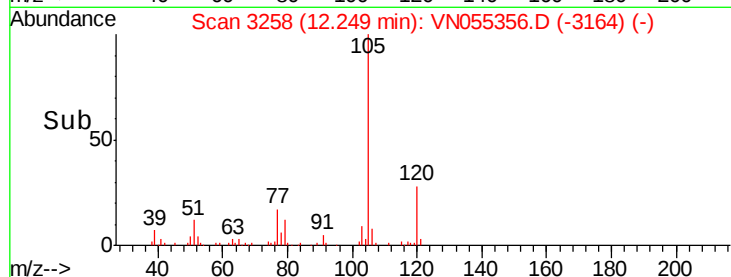
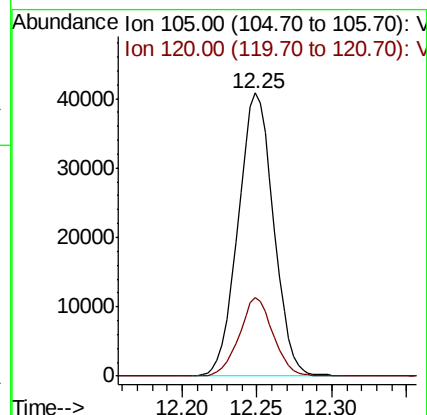
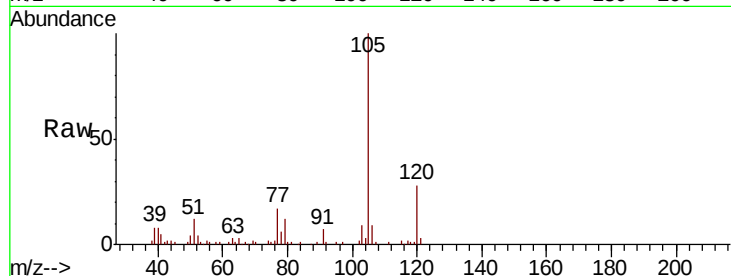
EP1-PZ-E1-6DL

Tot Ion:105 Resp: 67250

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7



#74

N-ethyl acetate

Concen: 1.675 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Tgt Ion: 43 Resp: 8305

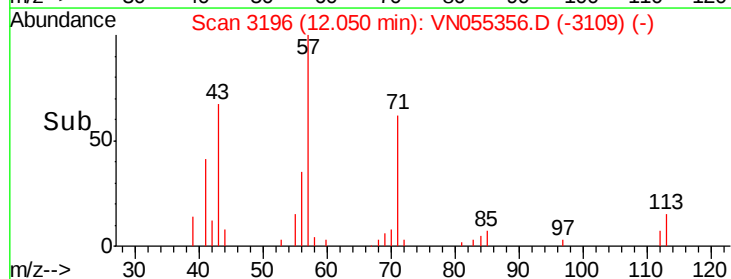
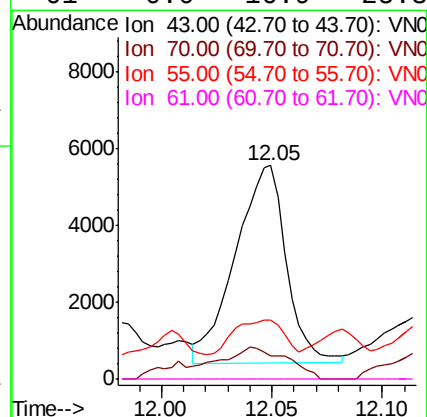
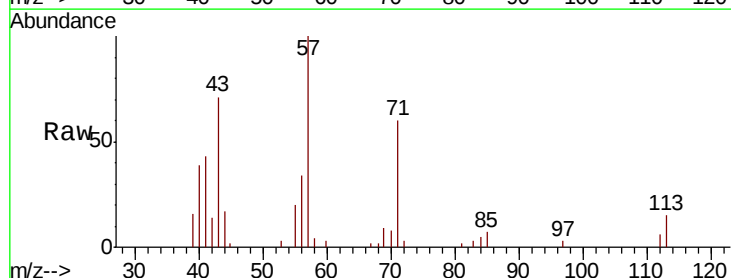
Ion Ratio Lower Upper

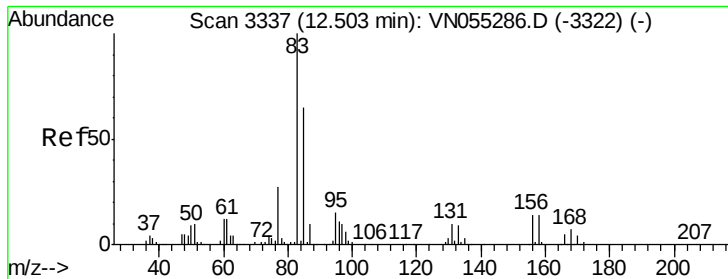
43 100

70 20.9 27.9 41.9#

55 19.7 18.2 27.2

61 0.0 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3341

Delta R.T. 0.01 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-E1-6DL

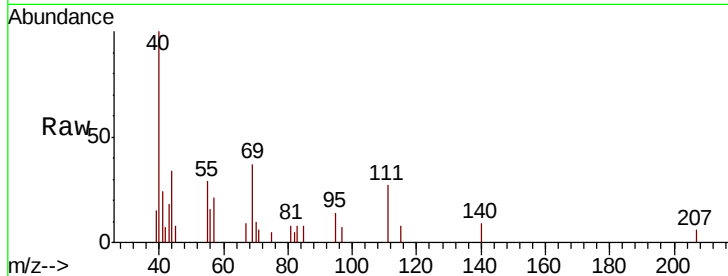
Tot Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

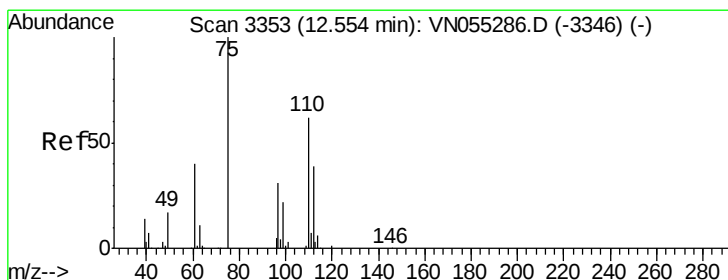
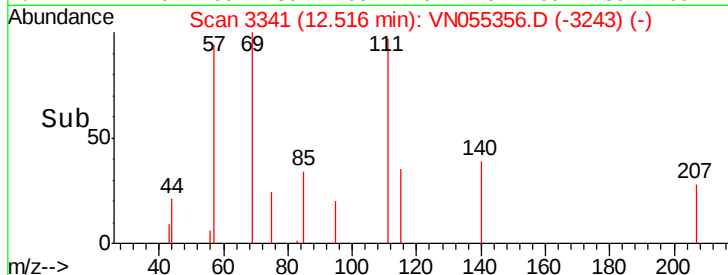
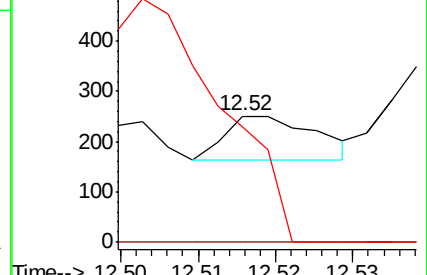
85 880.6 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 36.747 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055356.D

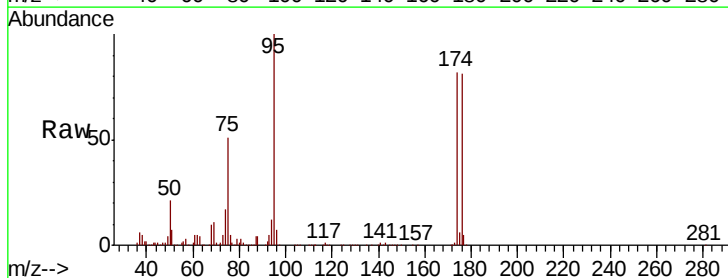
Acq: 2 May 2019 18:00

Tgt Ion: 75 Resp: 134356

Ion Ratio Lower Upper

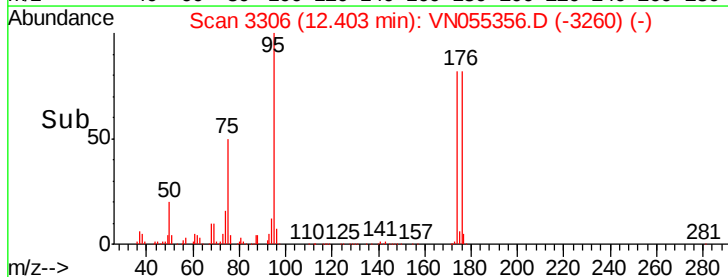
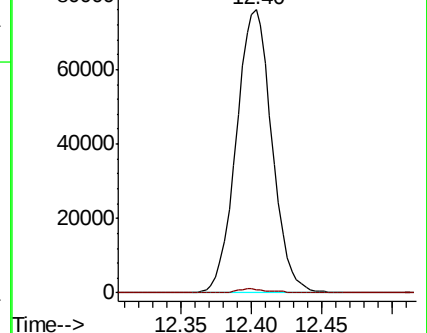
75 100

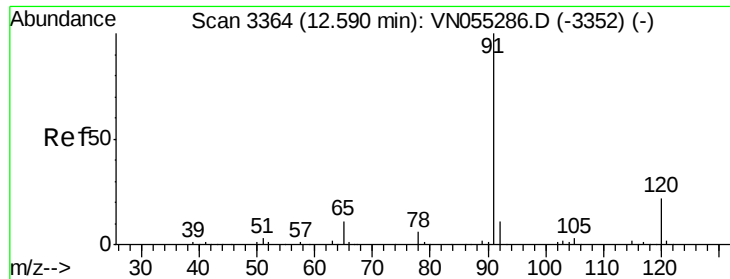
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 1.155 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

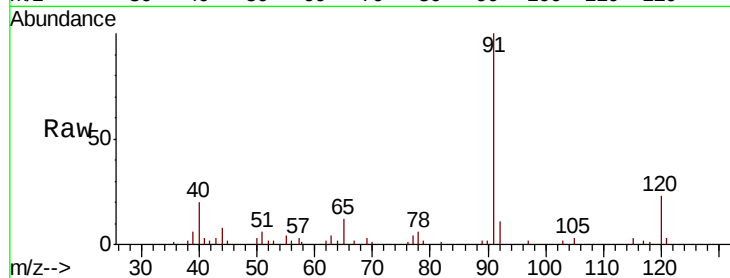
EP1-PZ-E1-6DL

Tot Ion: 91 Resp: 22922

Ion Ratio Lower Upper

91 100

120 20.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

15000

10000

5000

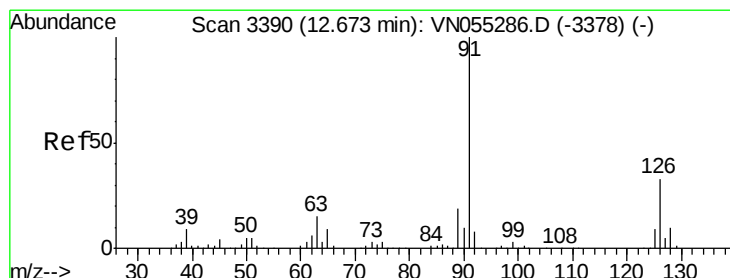
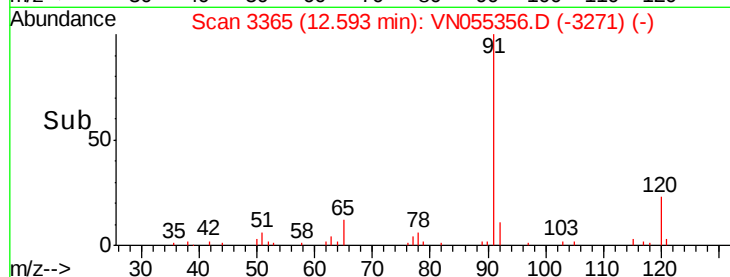
0

Time-->

12.55

12.60

12.65



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN055356.D

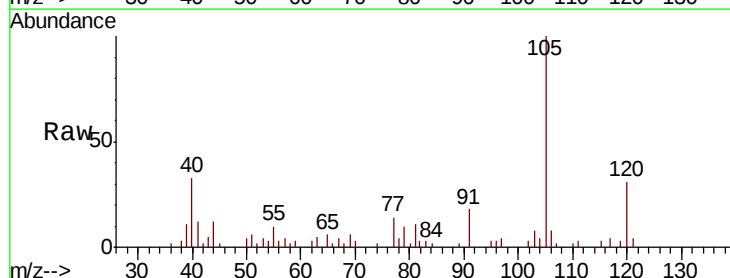
Acq: 2 May 2019 18:00

Tgt Ion: 91 Resp: 2772

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

2000

1500

1000

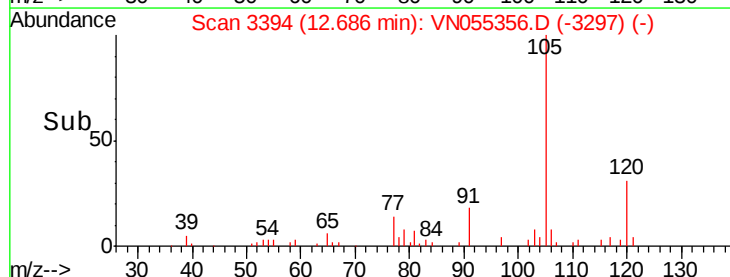
500

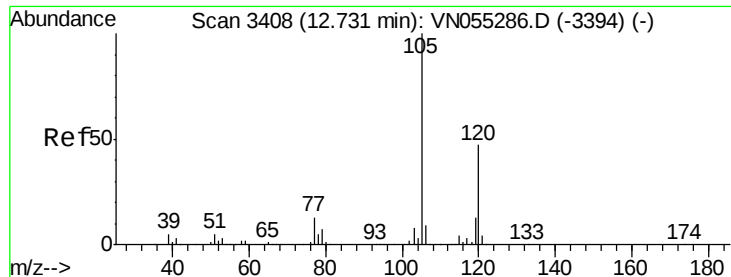
0

Time-->

12.65

12.70





#80

1,3,5-Trimethylbenzene

Concen: 0.386 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

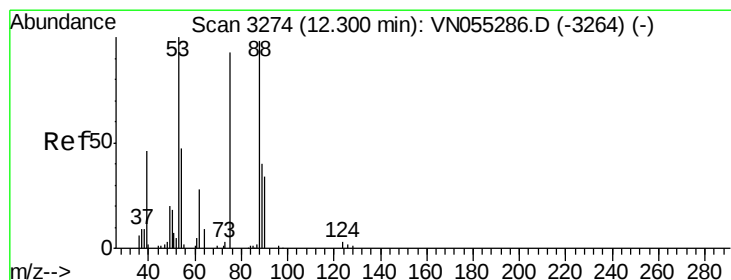
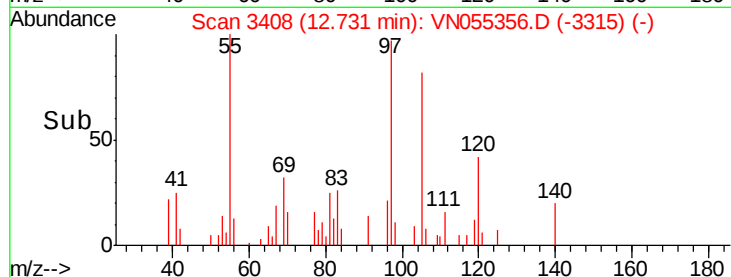
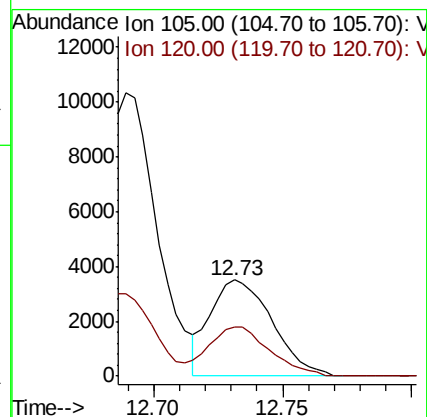
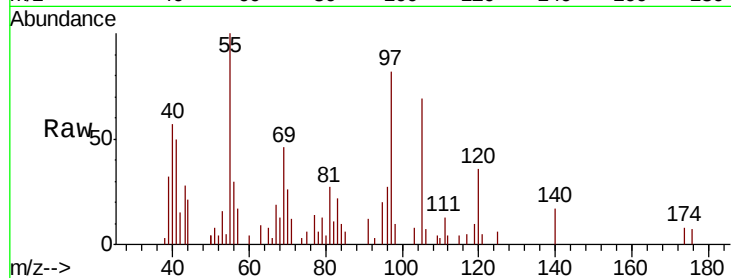
EP1-PZ-E1-6DL

Tot Ion:105 Resp: 5843

Ion Ratio Lower Upper

105 100

120 50.6 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 131.792 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

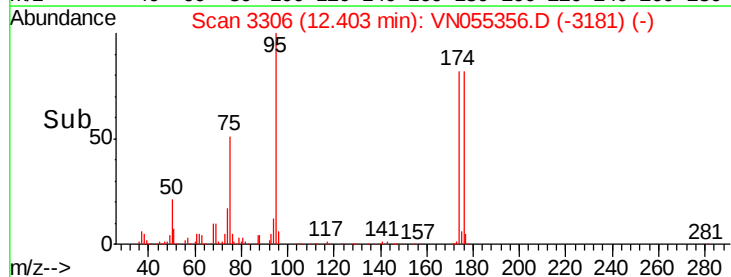
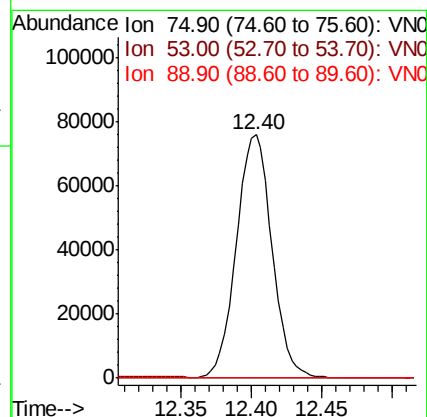
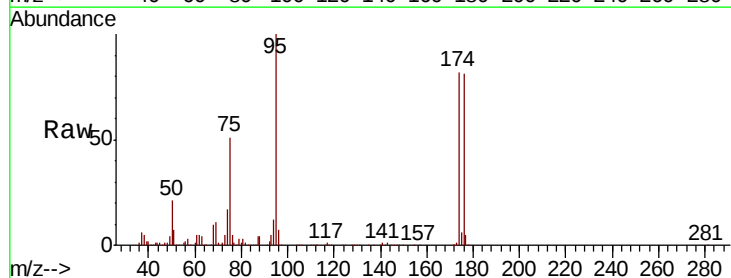
Tgt Ion: 75 Resp: 134356

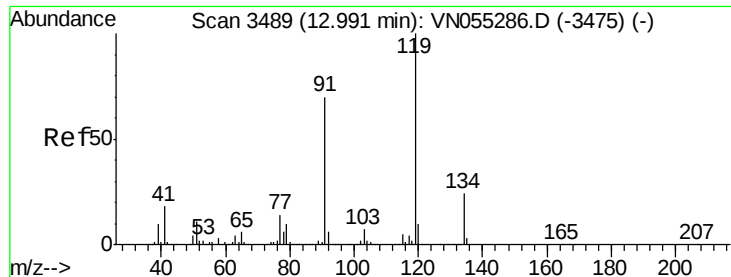
Ion Ratio Lower Upper

75 100

53 0.1 86.3 129.5#

89 0.0 34.6 51.8#

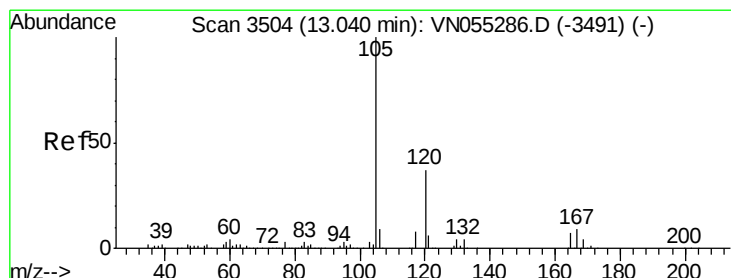
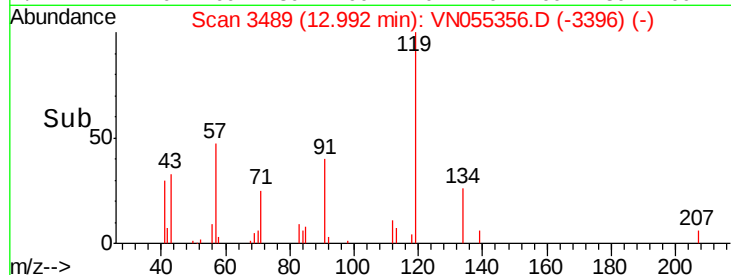
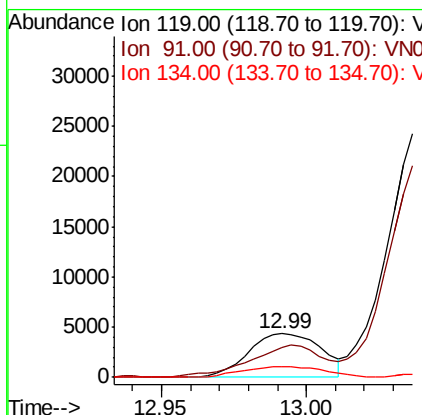
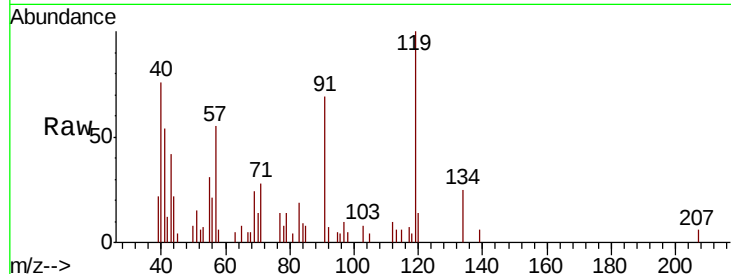




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055356.D
 Acq: 2 May 2019 18:00

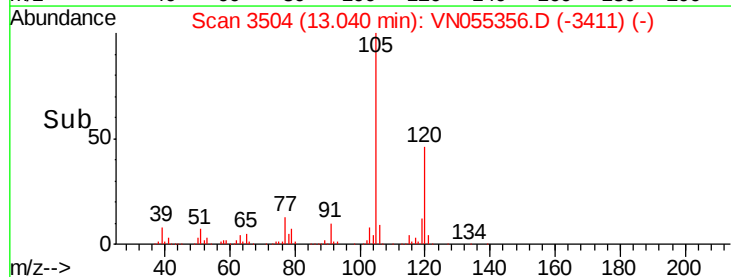
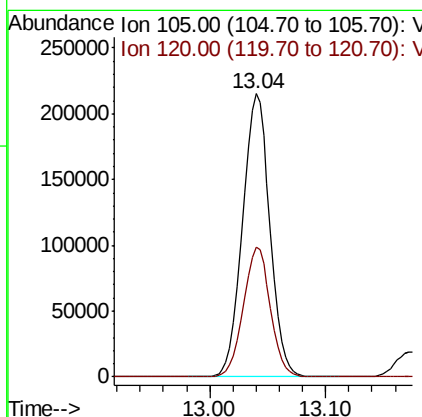
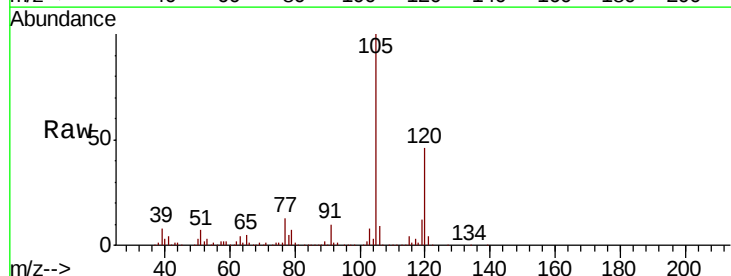
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E1-6DL

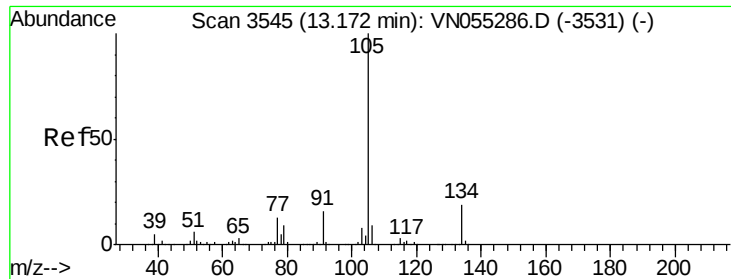
Tot Ion:119 Resp: 7660
 Ion Ratio Lower Upper
 119 100
 91 74.1 34.3 102.9
 134 26.7 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 25.886 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055356.D
 Acq: 2 May 2019 18:00

Tgt Ion:105 Resp: 350638
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 1.906 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

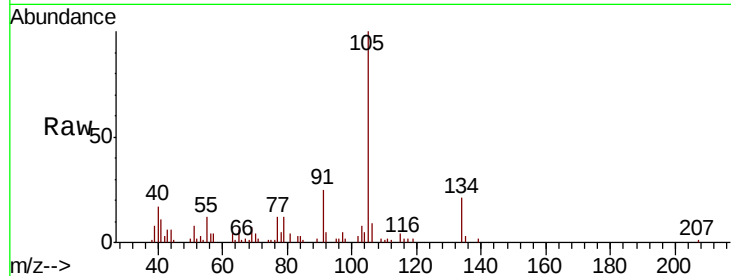
EP1-PZ-E1-6DL

Tot Ion:105 Resp: 31382

Ion Ratio Lower Upper

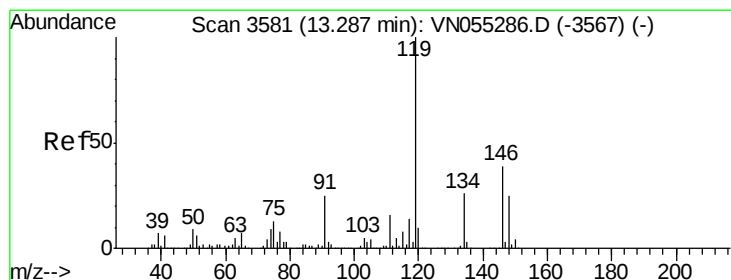
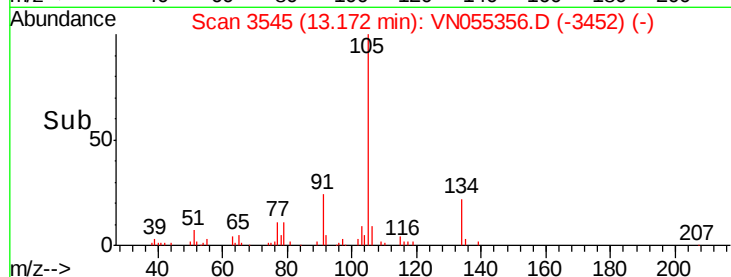
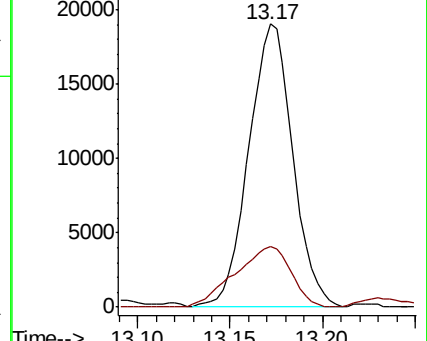
105 100

134 27.2 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.115 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

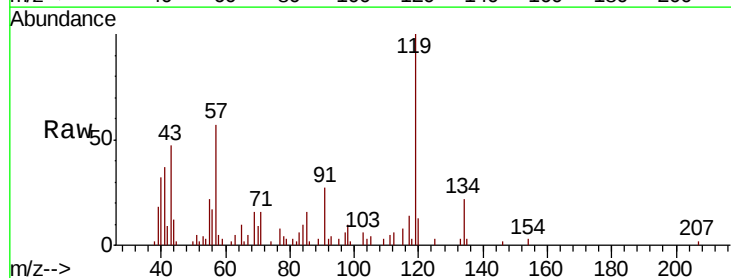
Tgt Ion:119 Resp: 15084

Ion Ratio Lower Upper

119 100

134 25.0 13.0 38.9

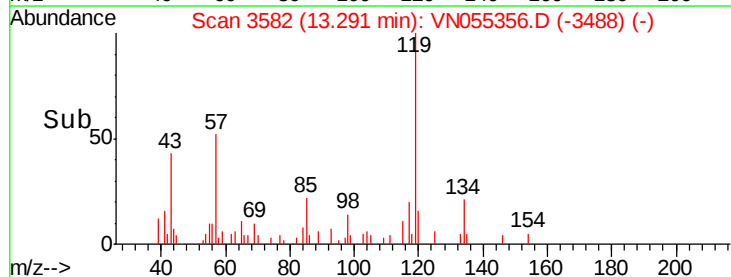
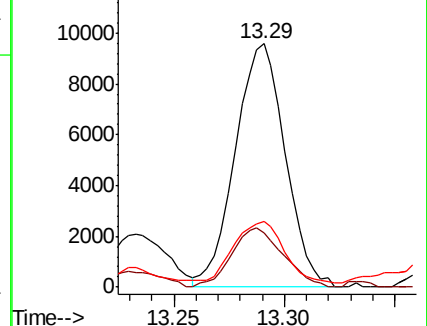
91 24.9 12.2 36.6

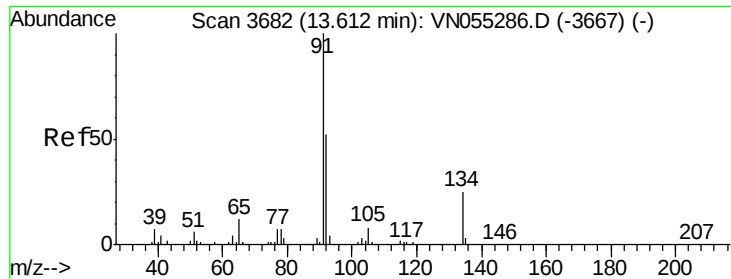


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

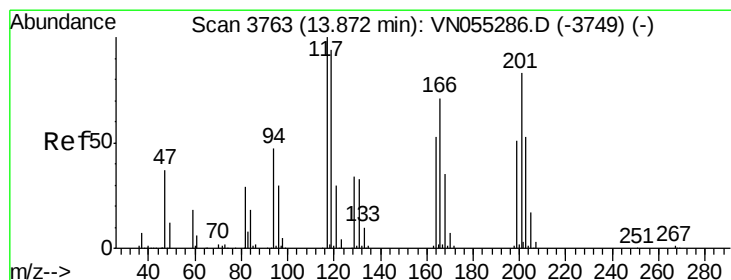
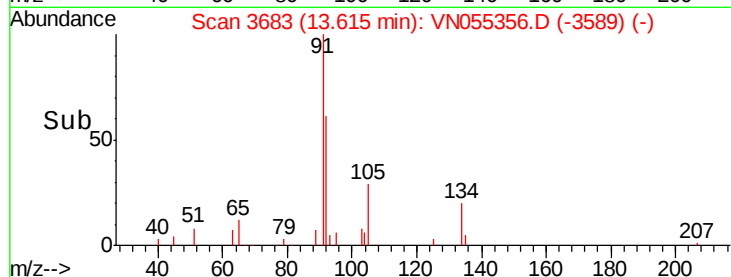
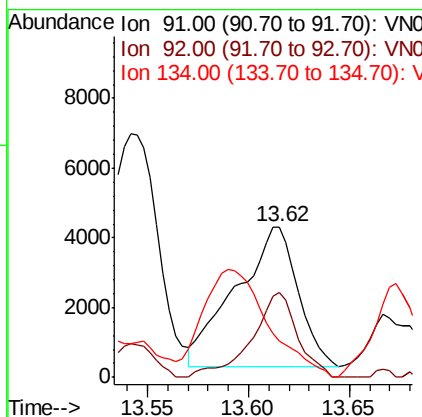
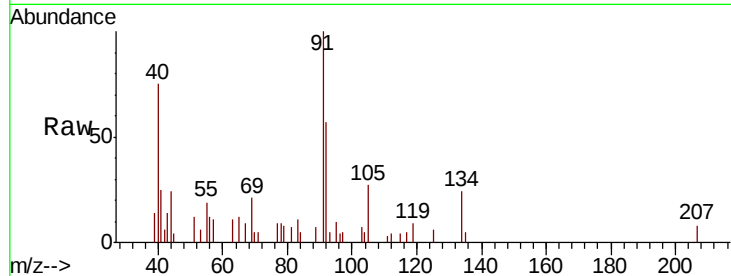




#89
n-Butylbenzene
Concen: 0.893 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

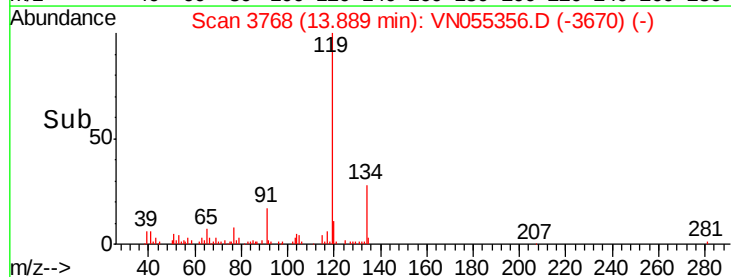
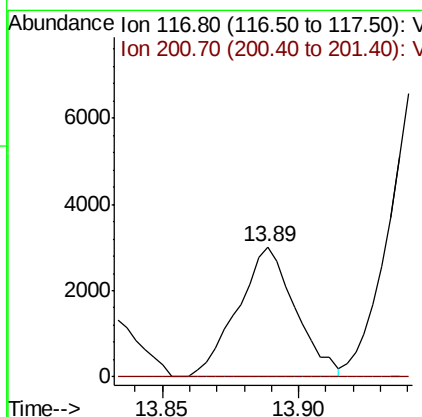
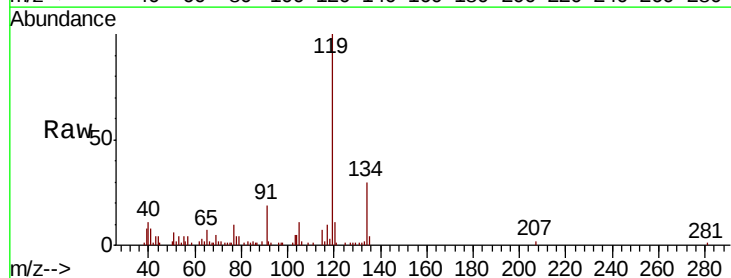
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E1-6DL

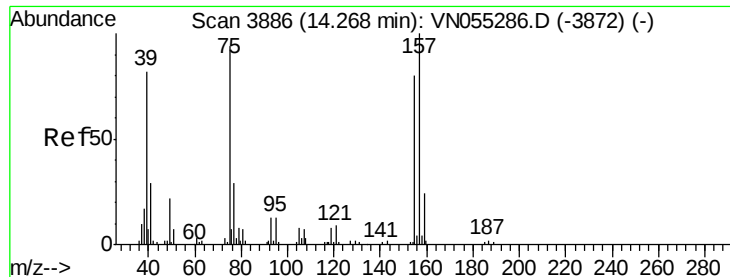
Tot Ion: 91 Resp: 8587
Ion Ratio Lower Upper
91 100
92 44.7 26.1 78.3
134 0.0 12.4 37.4#



#90
Hexachloroethane
Concen: 0.500 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055356.D
Acq: 2 May 2019 18:00

Tgt Ion: 117 Resp: 4412
Ion Ratio Lower Upper
117 100
201 0.0 41.9 125.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.429 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E1-6DL

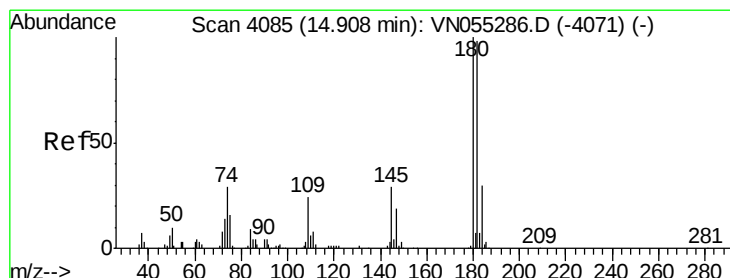
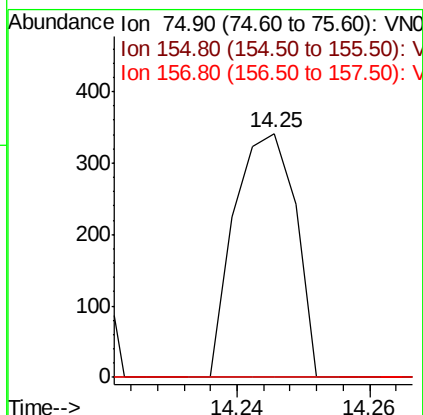
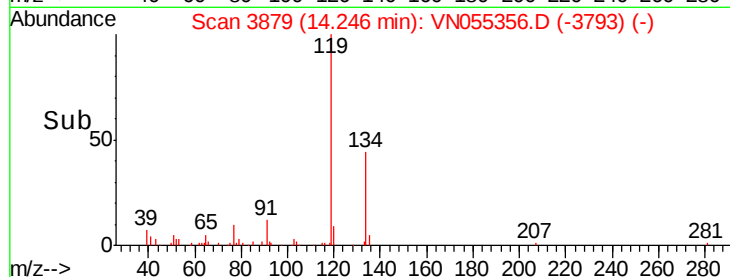
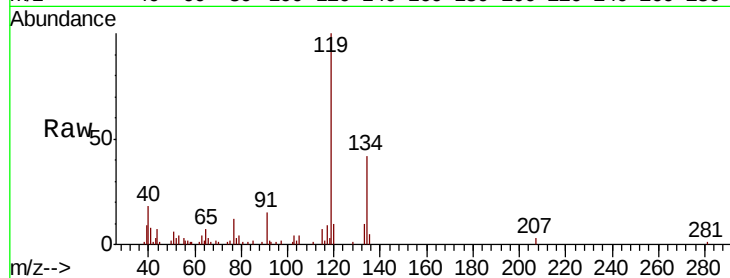
Tot Ion: 75 Resp: 218

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 54.0 162.2#



#93

1,2,4-Trichlorobenzene

Concen: 3.399 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

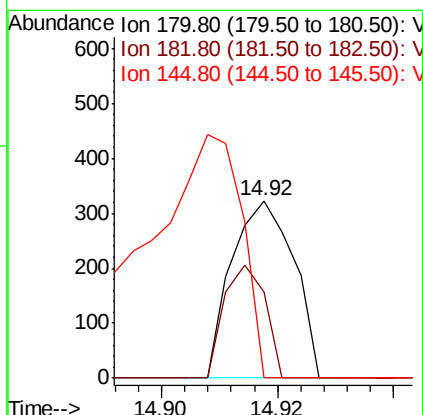
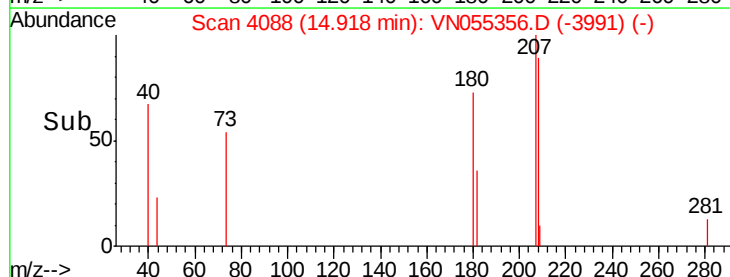
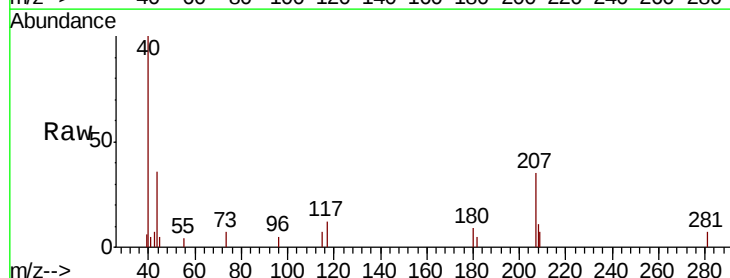
Tgt Ion: 180 Resp: 239

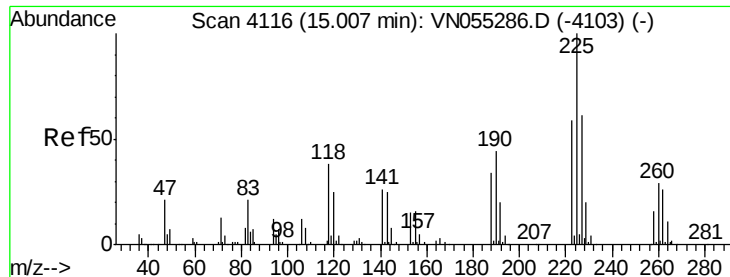
Ion Ratio Lower Upper

180 100

182 42.3 48.3 144.9#

145 199.2 14.2 42.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E1-6DL

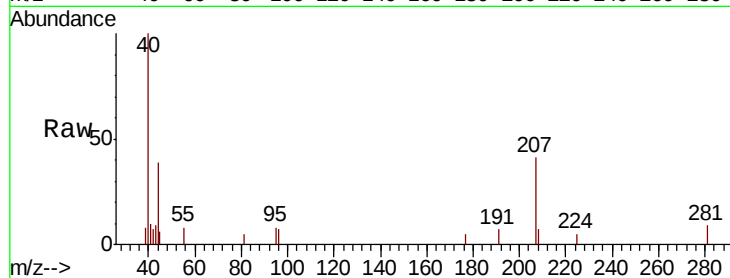
Tot Ion:225 Resp: 62

Ion Ratio Lower Upper

225 100

223 101.6 30.3 90.8#

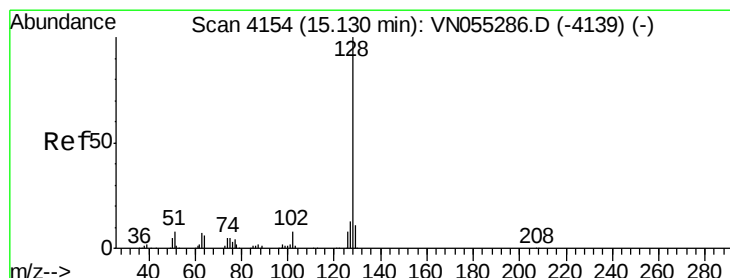
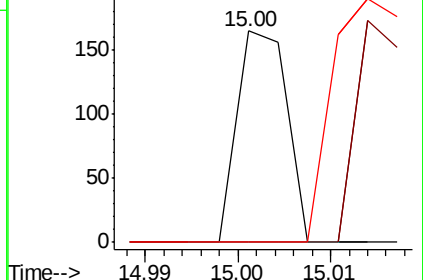
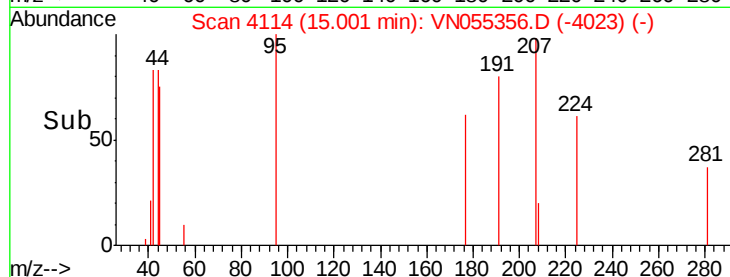
227 164.5 30.9 92.7#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.867 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055356.D

Acq: 2 May 2019 18:00

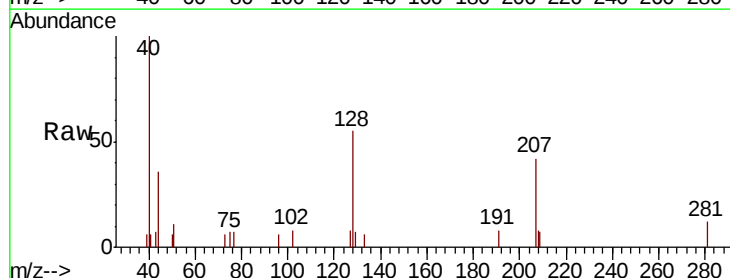
Tgt Ion:128 Resp: 3097

Ion Ratio Lower Upper

128 100

127 10.1 10.7 16.1#

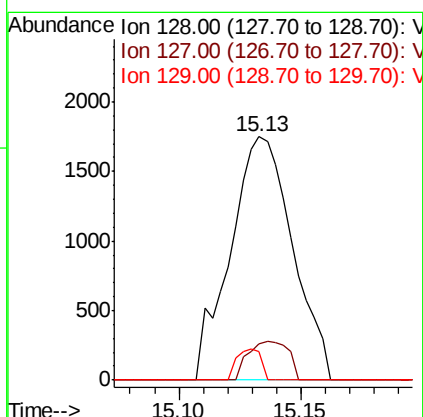
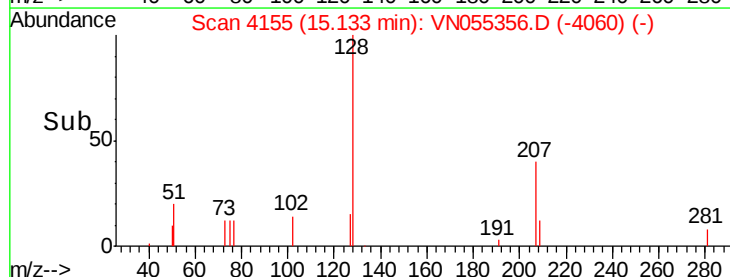
129 4.9 8.6 13.0#

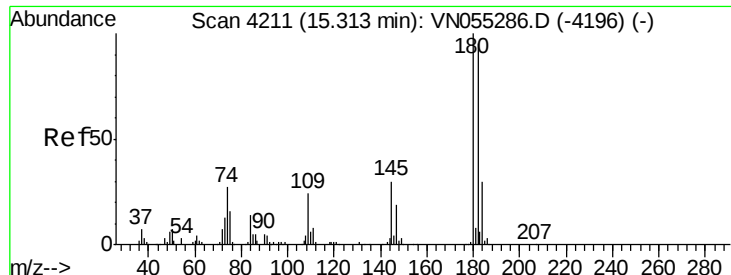


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

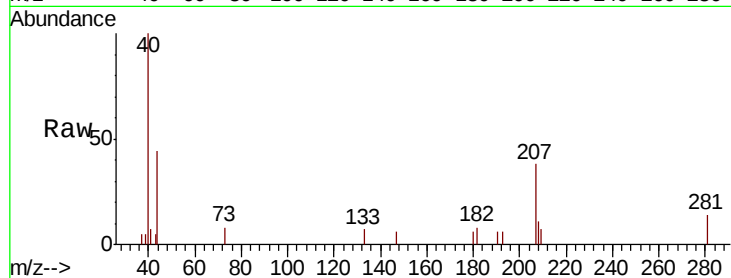




#96
 1,2,3-Trichlorobenzene
 Concen: 2.637 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN055356.D
 Acq: 2 May 2019 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E1-6DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	400.0	48.3	144.9#
145	0.0	15.2	45.6#



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

