

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055380.D
 Acq On : 3 May 2019 11:12
 Operator : JC/SP
 Sample : K2658-08 10X
 Misc : 5.17µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(17-20)

Quant Time: May 03 23:18:45 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	424837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	750113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	690477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	298994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	293599	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.59	113	235254	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.09	98	946135	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.40	95	505058	90.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.80%	

Target Compounds

					Qvalue	
16) Acetone	3.83	43	474	0.274	ug/l #	45
18) Methyl Acetate	4.34	43	2046	Below Cal	#	90
31) Cyclohexane	7.67	56	9852	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	32680	4.548	ug/l #	50
38) Carbon Tetrachloride	7.67	117	39961	5.766	ug/l #	15
39) Methylcyclohexane	9.09	83	18021	2.359	ug/l	95
41) Methacrylonitrile	7.24	41	100	0.773	ug/l #	50
43) Isopropyl Acetate	8.26	43	12339	1.394	ug/l #	56
51) 4-Methyl-2-Pentanone	10.02	43	1413	0.284	ug/l #	39
55) 1,1,2-Trichloroethane	10.53	97	54488	12.074	ug/l #	18
56) Ethyl methacrylate	10.43	69	27392	4.931	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.70	63	32	12.423	ug/l #	52
59) 2-Hexanone	10.72	43	308221	98.871	ug/l #	32
68) m/p-Xylenes	11.63	106	2494	0.287	ug/l #	1
73) Isopropylbenzene	12.25	105	683883	27.311	ug/l	99
74) N-amyl acetate	12.04	43	1962517	255.758	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.47	83	158084	25.101	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	13839	Below Cal	#	100
77) Bromobenzene	12.50	156	1369	Below Cal	#	1
78) n-propylbenzene	12.59	91	2051294	66.789	ug/l	100
79) 2-Chlorotoluene	12.59	91	2051294	130.899	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	4889	0.209	ug/l #	30
81) trans-1,4-Dichloro-2-buten	12.25	75	7847	4.974	ug/l #	1
82) 4-Chlorotoluene	12.59	91	2062931	115.521	ug/l #	42
83) tert-Butylbenzene	12.99	119	143893	6.118	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	34479	1.645	ug/l	99
85) sec-Butylbenzene	13.17	105	1129555	44.336	ug/l #	63
86) p-Isopropyltoluene	13.44	119	292114	13.950	ug/l	89
89) n-Butylbenzene	13.61	91	756672	50.853	ug/l	91
90) Hexachloroethane	13.89	117	152972	46.011	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.29	75	2220	2.822	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.92	180	265	3.374	ug/l #	1
95) Naphthalene	15.09	128	1317	3.476	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.32	180	350	2.699	ug/l #	76

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QLast Update : Tue Apr 30 07:16:52 2019
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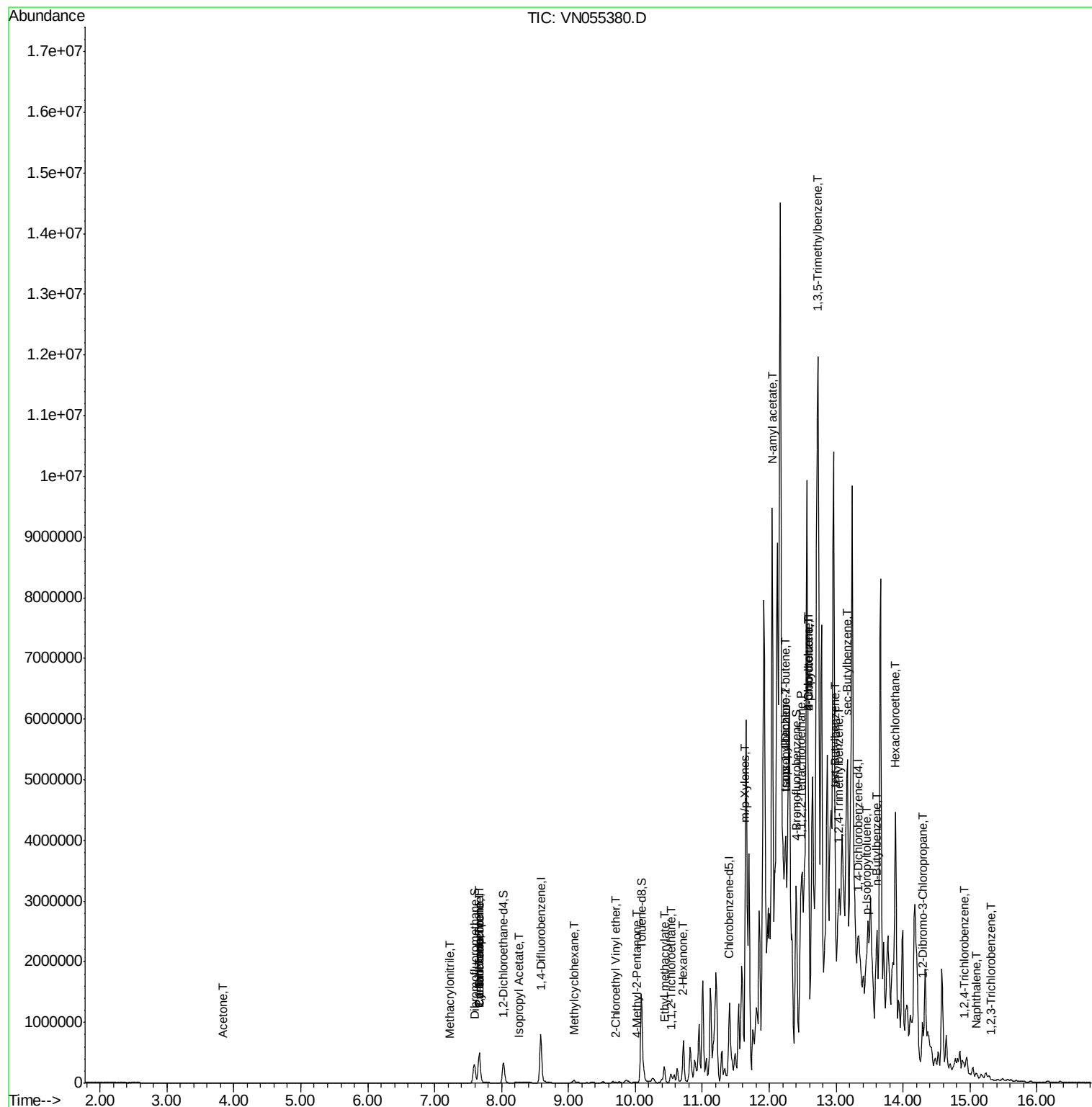
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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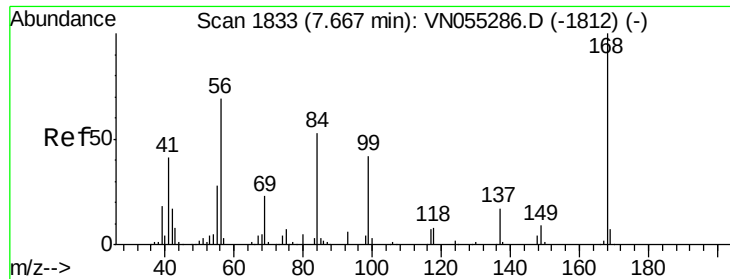
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

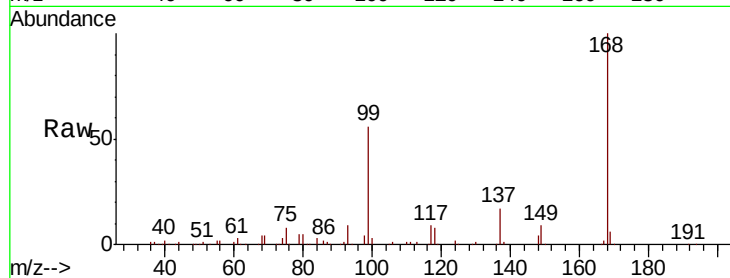
EP1-SB-E3-4(17-20)

Tot Ion:168 Resp: 424837

Ion Ratio Lower Upper

168 100

99 56.0 43.6 65.4



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

Ion 98.90 (98.60 to 99.60): VN055286.D

7.67

200000

150000

100000

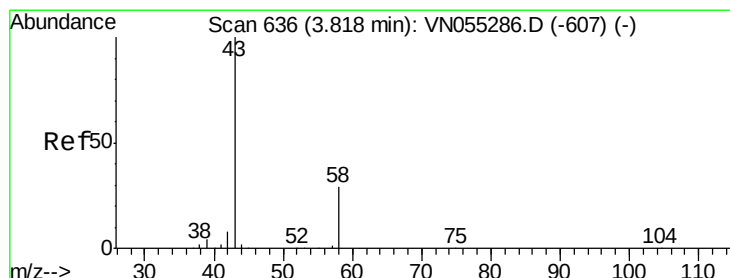
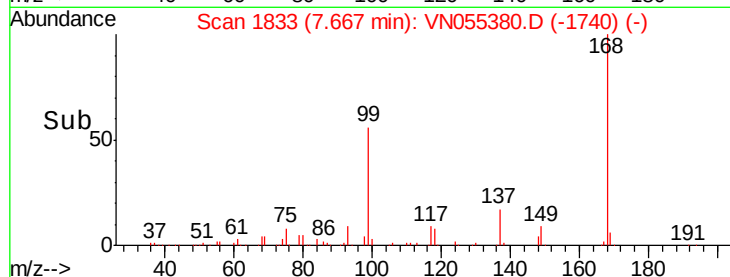
50000

0

7.60

7.70

Time-->



#16

Acetone

Concen: 0.274 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055380.D

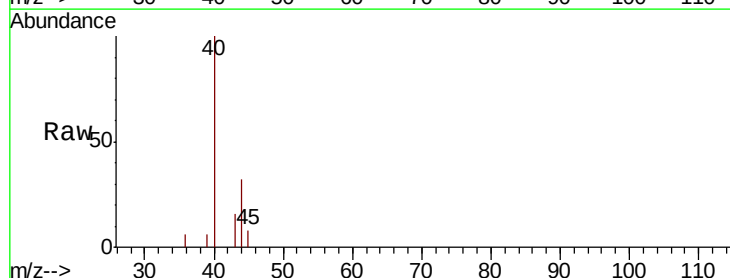
Acq: 3 May 2019 11:12

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D

Ion 58.00 (57.70 to 58.70): VN055286.D

3.83

600

400

200

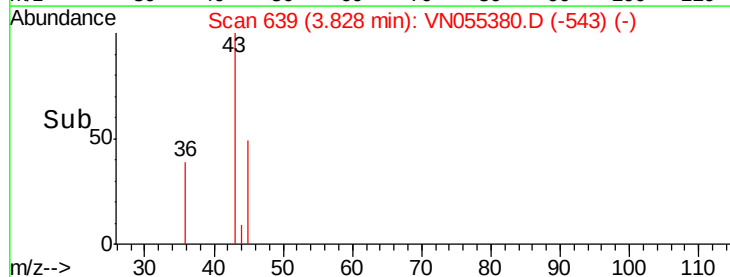
0

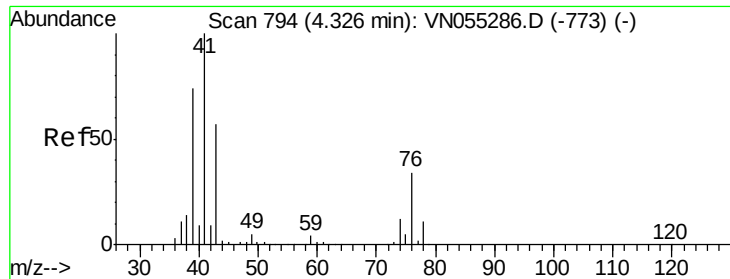
3.80

3.82

3.84

Time-->

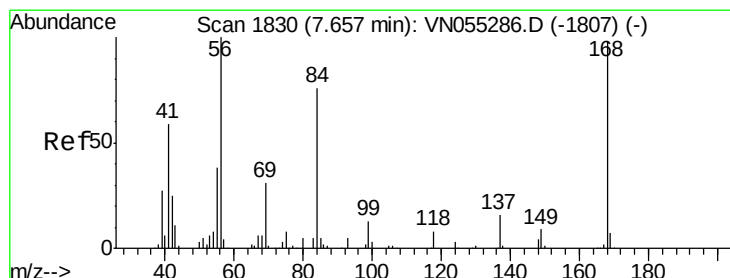
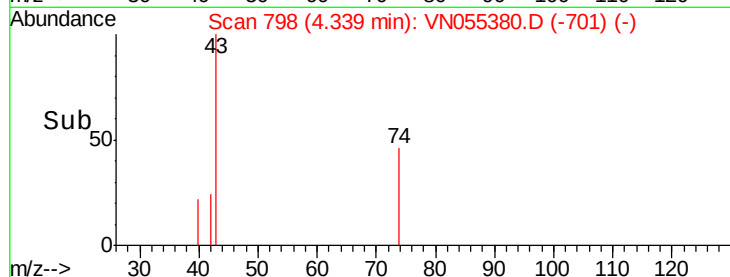
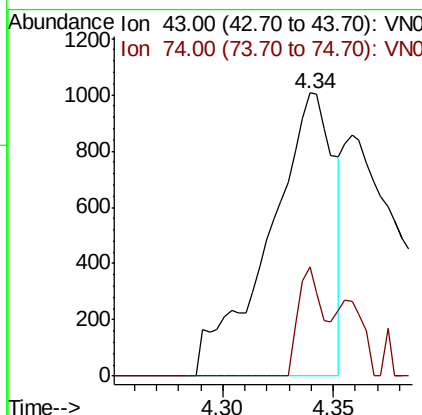
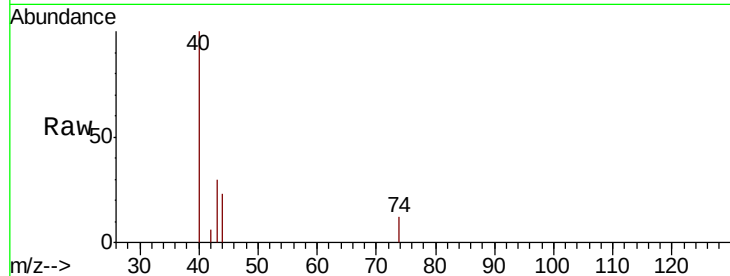




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

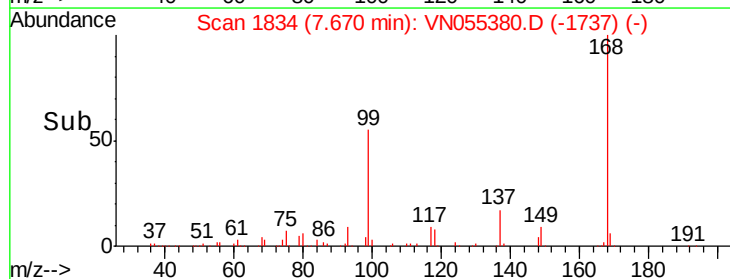
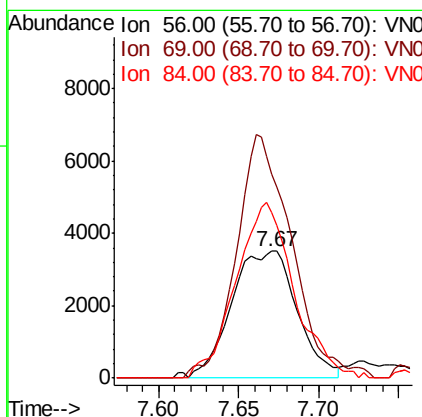
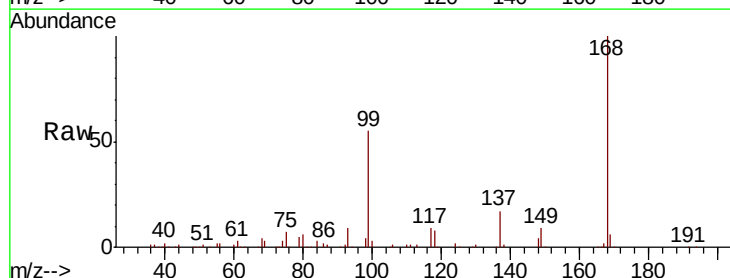
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

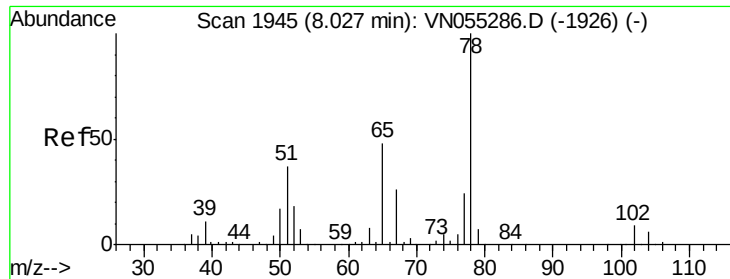
Tot Ion: 43 Resp: 2046
Ion Ratio Lower Upper
43 100
74 15.2 15.8 23.8#



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

Tgt Ion: 56 Resp: 9852
Ion Ratio Lower Upper
56 100
69 155.0 25.2 37.8#
84 129.9 61.1 91.7#

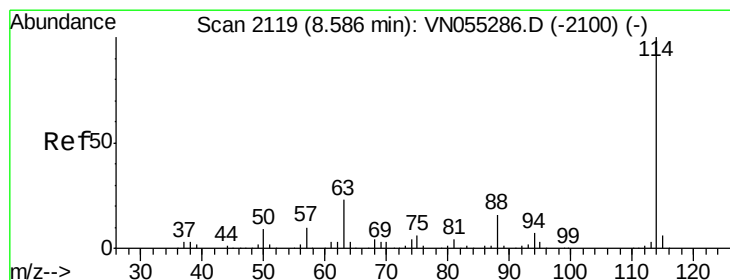
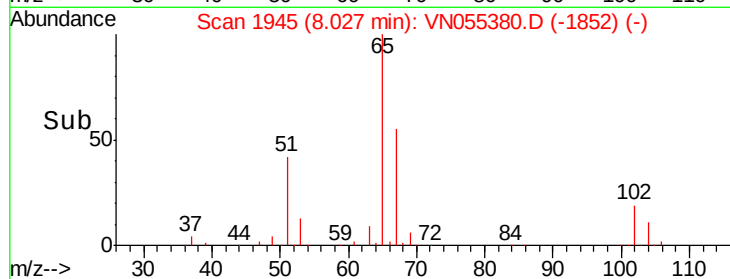
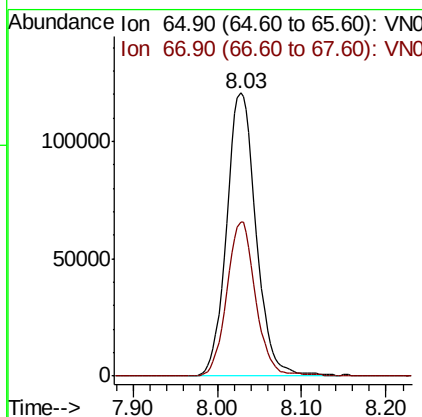
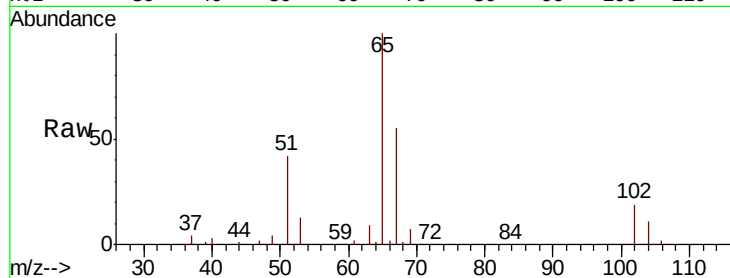




#33
 1,2-Dichloroethane-d4
 Concen: 52.826 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

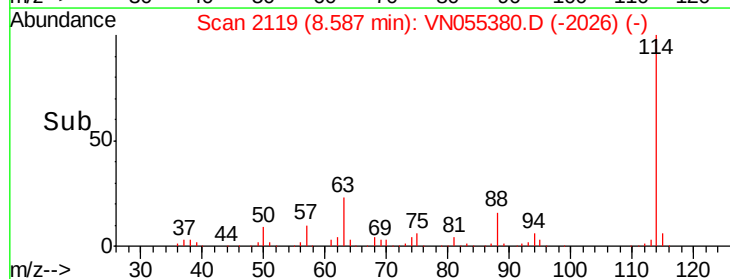
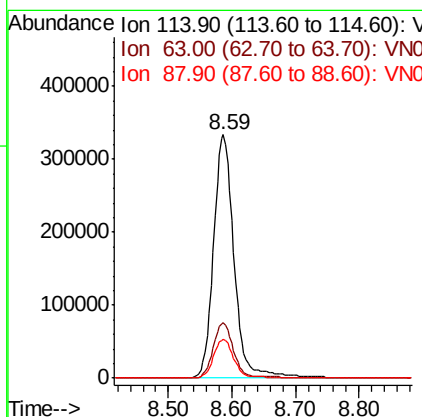
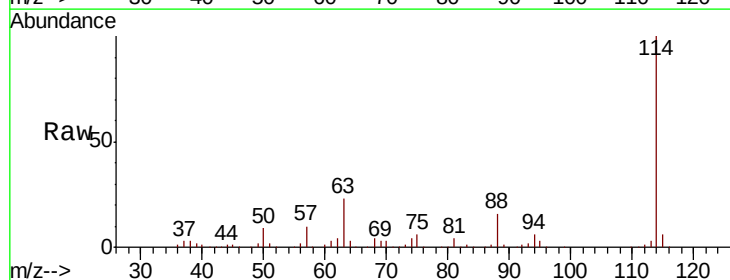
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(17-20)

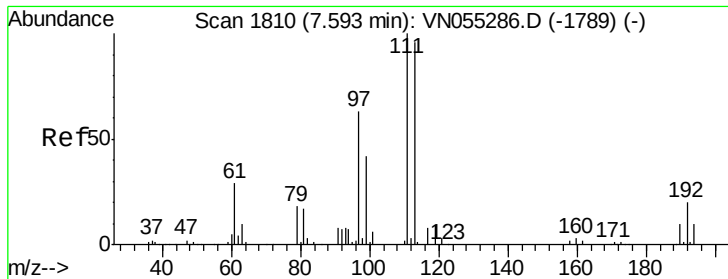
Tot Ion: 65 Resp: 293599
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

Tgt Ion: 114 Resp: 750113
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.782 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(17-20)

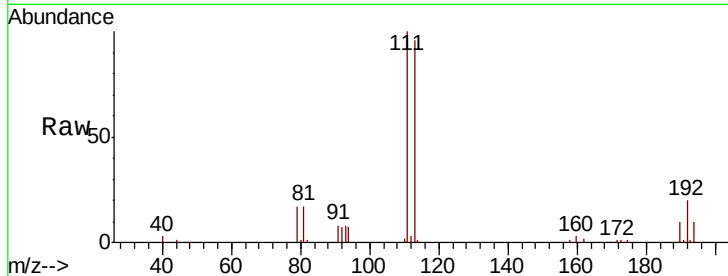
Tot Ion:113 Resp: 235254

Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

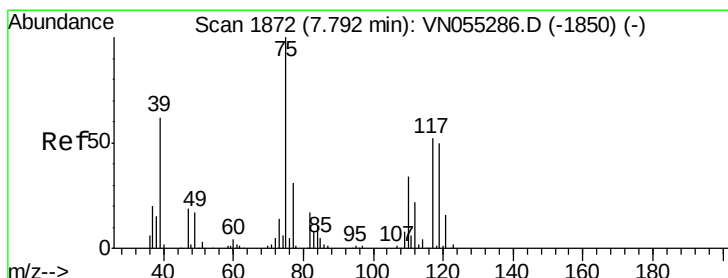
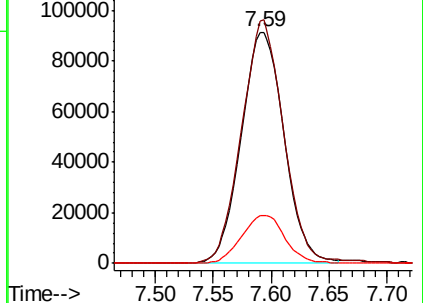
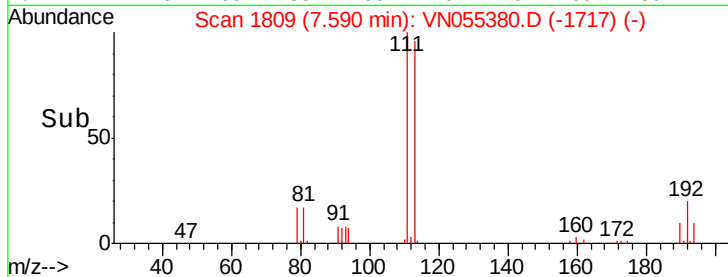
192 21.2 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.548 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

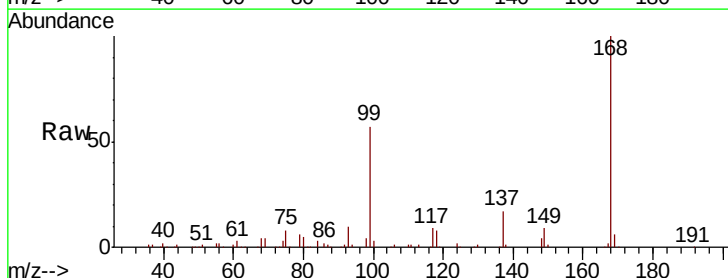
Tgt Ion: 75 Resp: 32680

Ion Ratio Lower Upper

75 100

110 8.2 16.8 50.4#

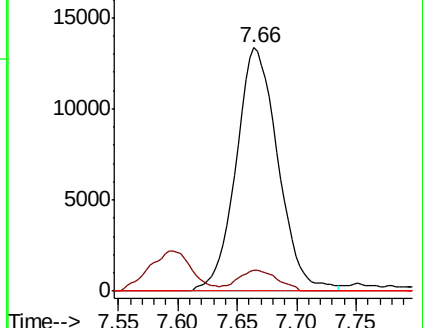
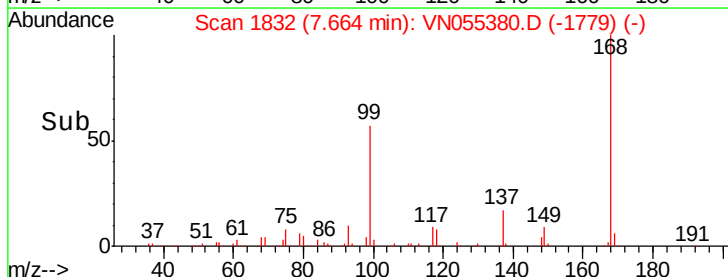
77 0.0 25.0 37.6#

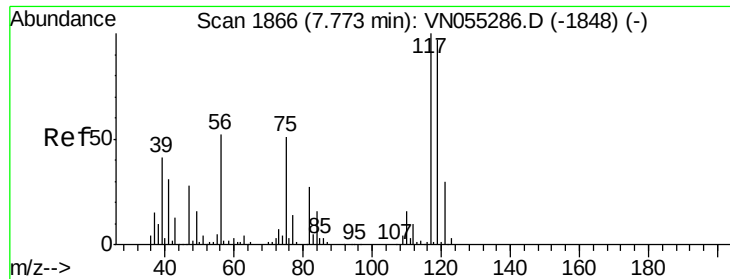


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.766 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

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EP1-SB-E3-4(17-20)

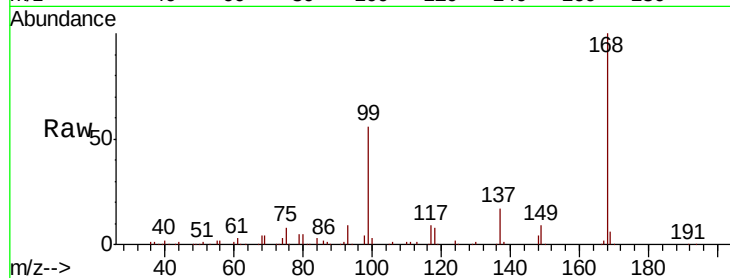
Tot Ion:117 Resp: 39961

Ion Ratio Lower Upper

117 100

119 4.1 77.0 115.6#

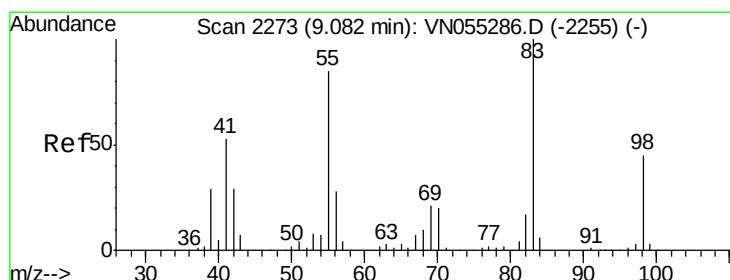
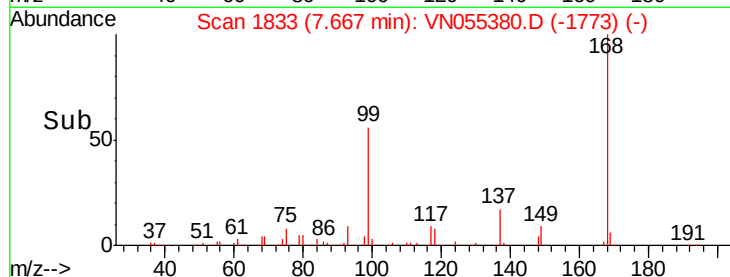
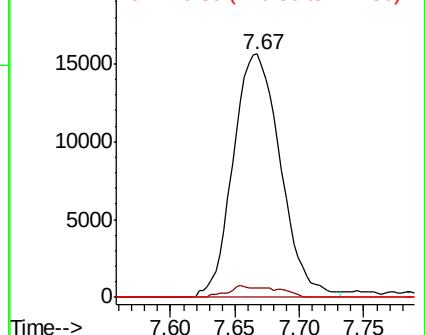
121 0.0 23.8 35.8#



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



#39

Methylcyclohexane

Concen: 2.359 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

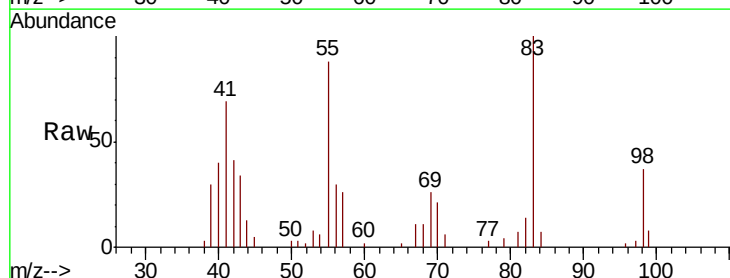
Tgt Ion: 83 Resp: 18021

Ion Ratio Lower Upper

83 100

55 83.6 67.8 101.6

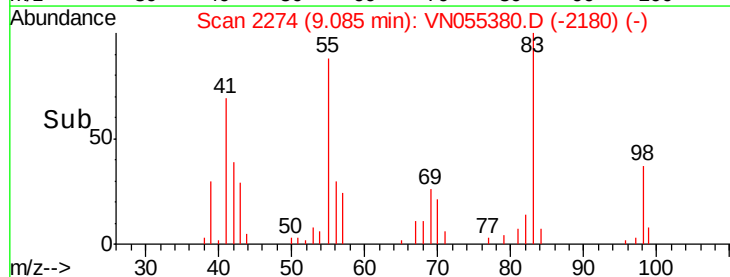
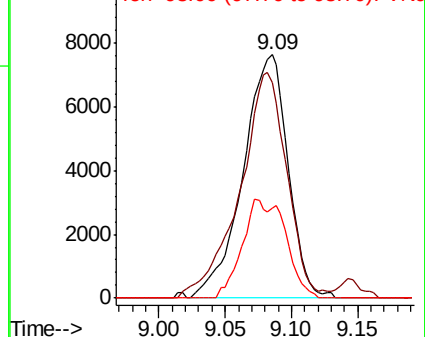
98 37.1 36.2 54.4

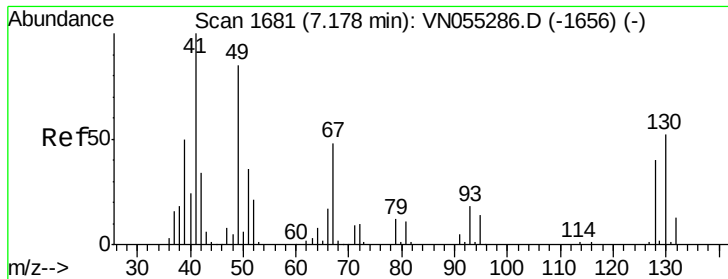


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

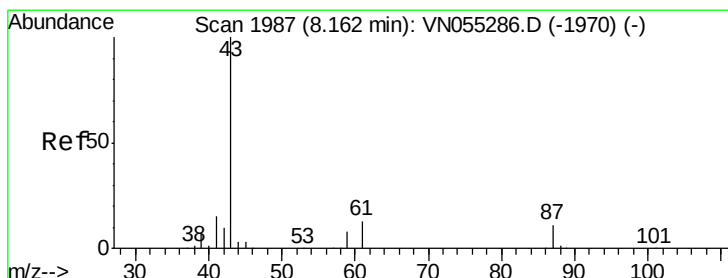
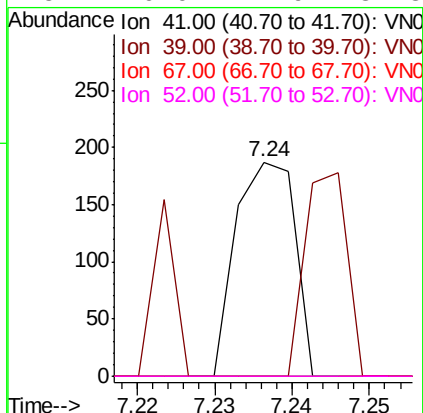
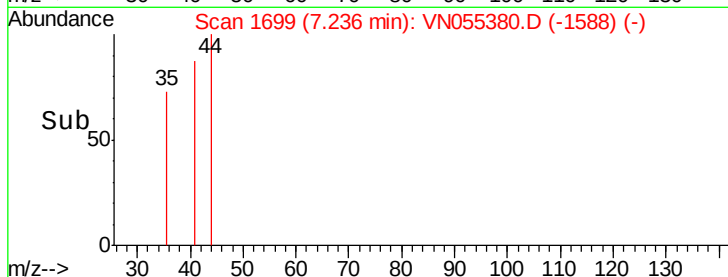
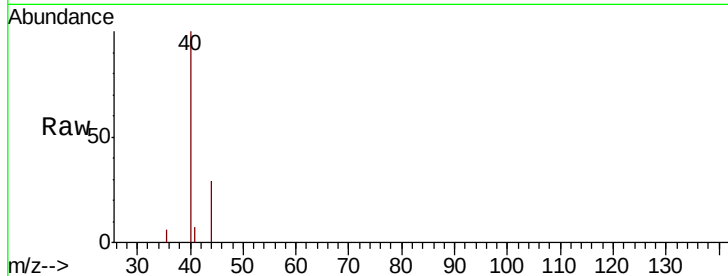




#41
Methacrylonitrile
Concen: 0.773 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.06 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

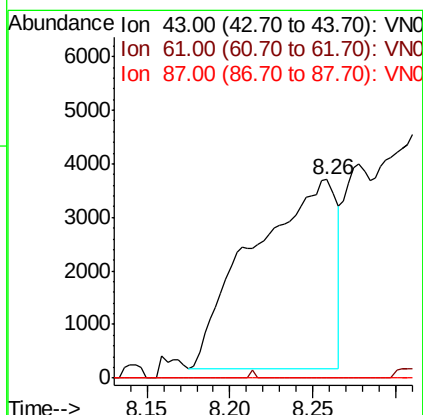
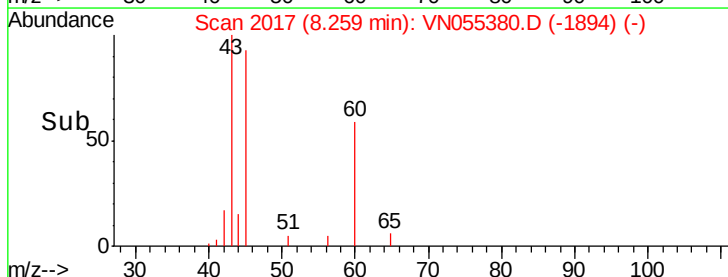
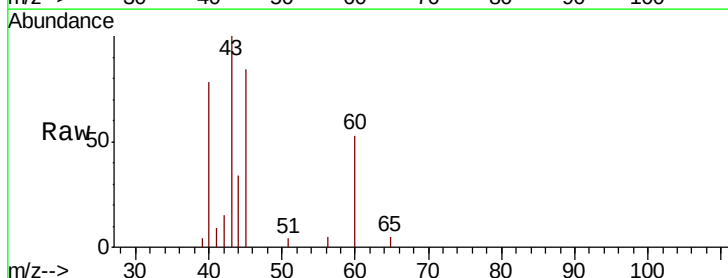
Instrument :
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EP1-SB-E3-4(17-20)

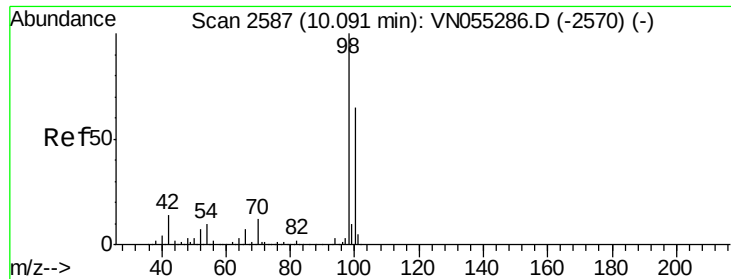
Tot Ion: 41 Resp: 100
Ion Ratio Lower Upper
41 100
39 67.0 48.5 72.7
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.394 ug/l
RT: 8.26 min Scan# 2017
Delta R.T. 0.10 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

Tgt Ion: 43 Resp: 12339
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 8.5 12.7#

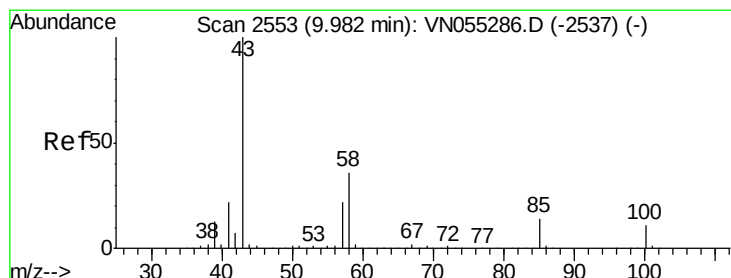
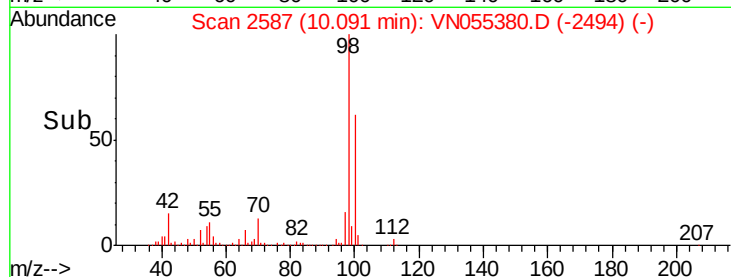
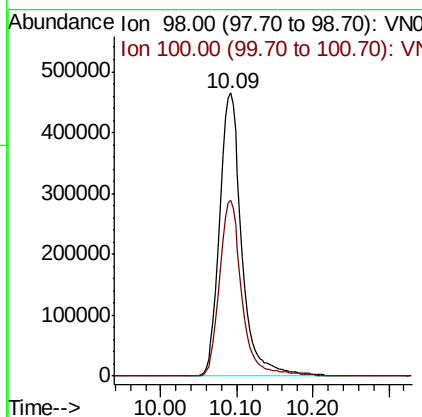
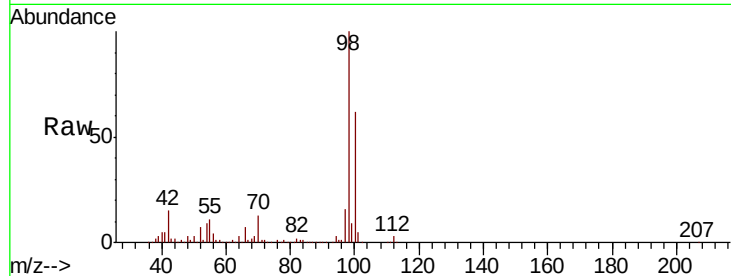




#50
Toluene-d8
Concen: 53.219 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

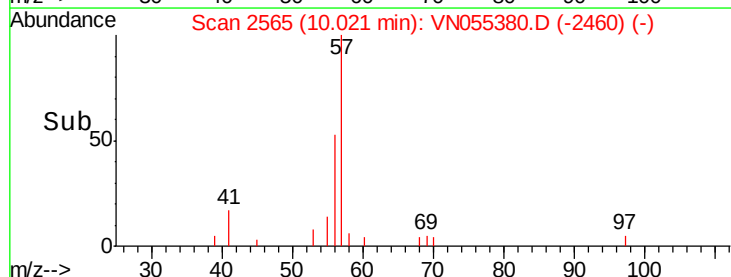
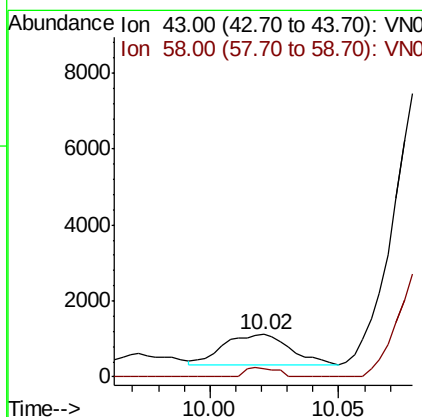
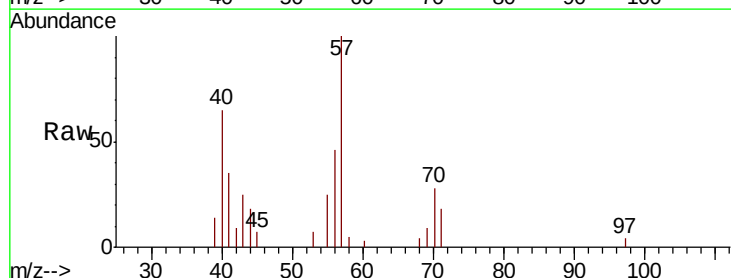
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

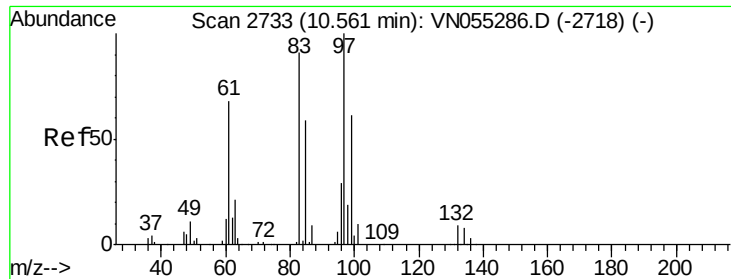
Tot Ion: 98 Resp: 946135
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.284 ug/l
RT: 10.02 min Scan# 2565
Delta R.T. 0.04 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#





#55

1,1,2-Trichloroethane

Concen: 12.074 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(17-20)

Tot Ion: 97 Resp: 54488

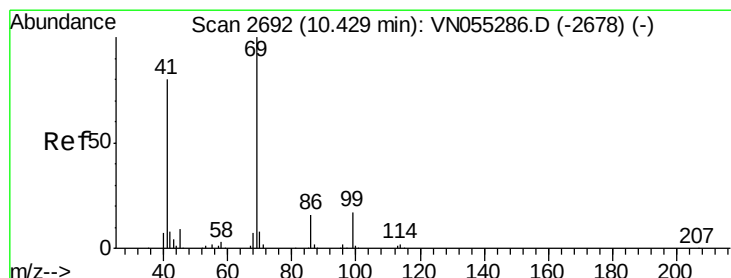
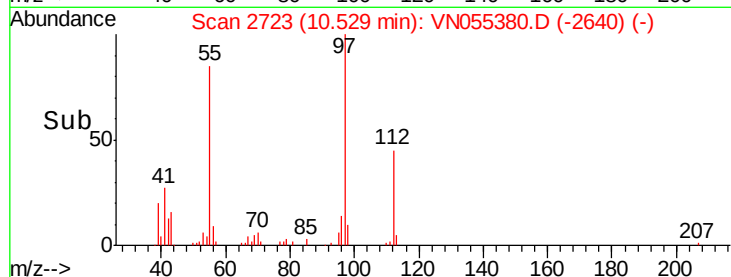
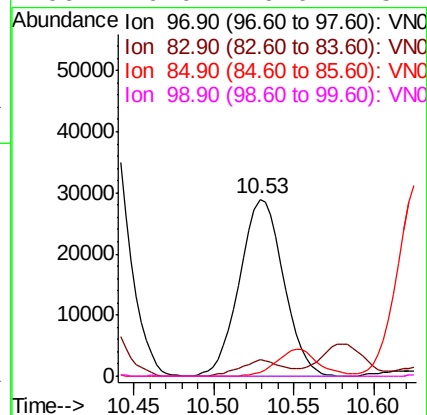
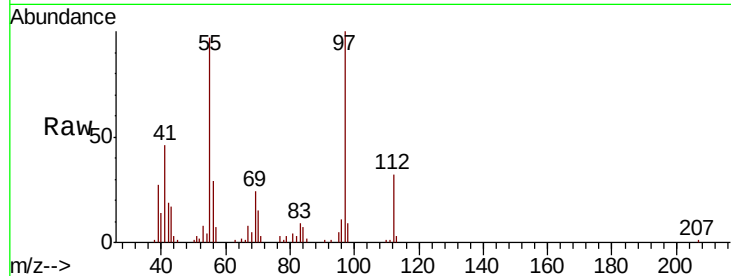
Ion Ratio Lower Upper

97 100

83 9.1 72.8 109.2#

85 2.3 47.0 70.6#

99 0.0 49.0 73.4#



#56

Ethyl methacrylate

Concen: 4.931 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

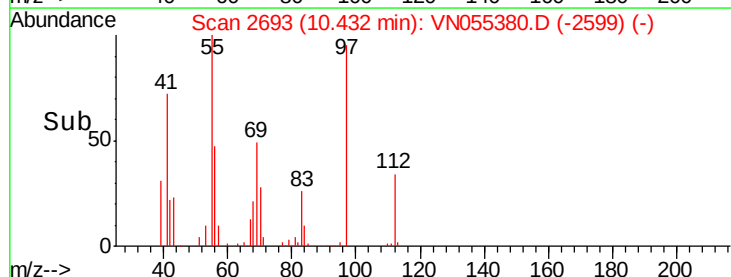
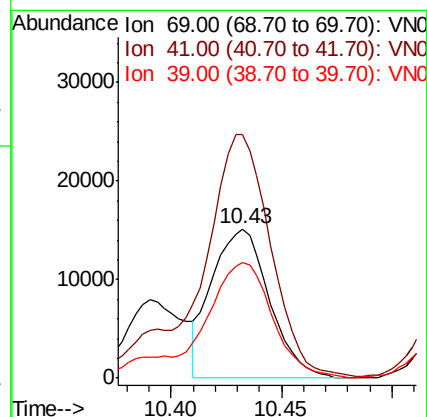
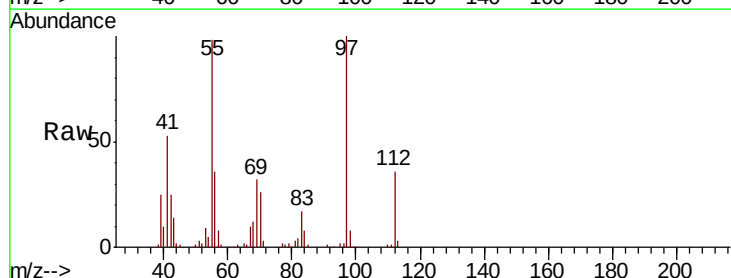
Tgt Ion: 69 Resp: 27392

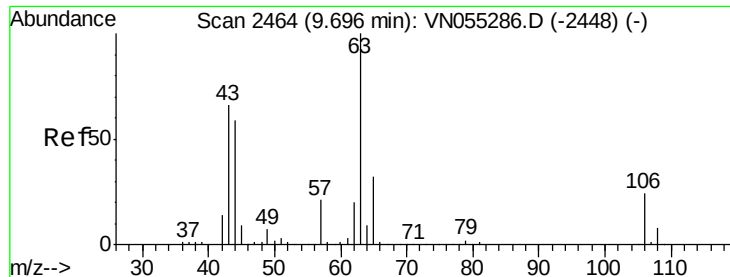
Ion Ratio Lower Upper

69 100

41 208.0 62.7 94.1#

39 101.5 32.0 48.0#





#58

2-Chloroethyl Vinyl ether

Concen: 12.423 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

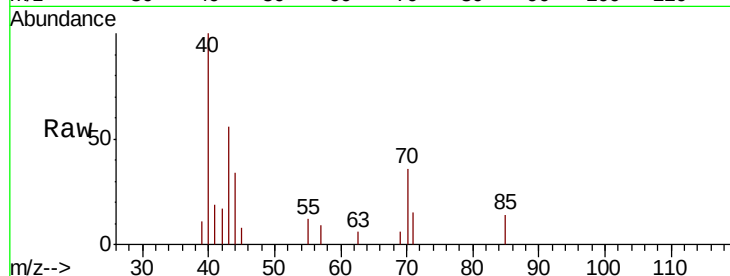
EP1-SB-E3-4(17-20)

Tot Ion: 63 Resp: 32

Ion Ratio Lower Upper

63 100

106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN0

9.70

150

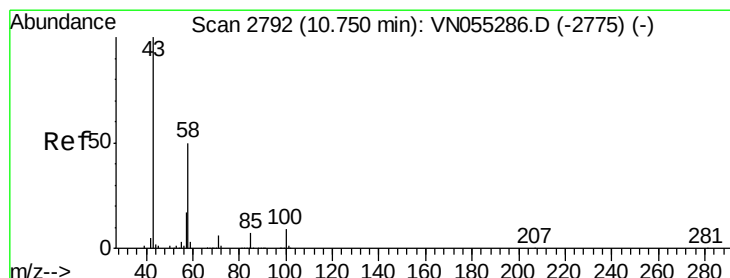
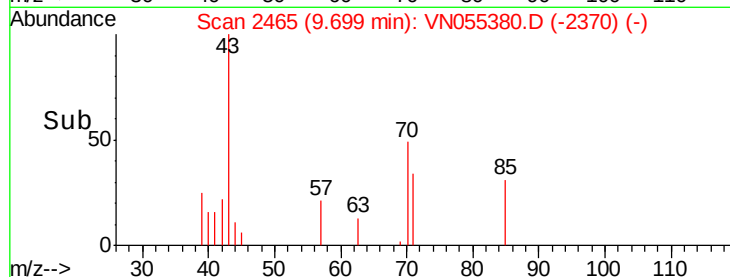
100

50

0

9.69 9.70 9.71

Time-->



#59

2-Hexanone

Concen: 98.871 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN055380.D

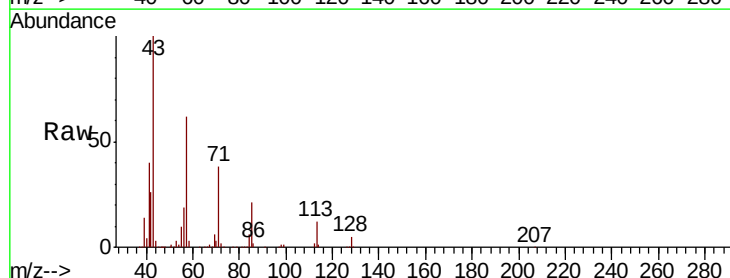
Acq: 3 May 2019 11:12

Tgt Ion: 43 Resp: 308221

Ion Ratio Lower Upper

43 100

58 3.1 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.72

200000

150000

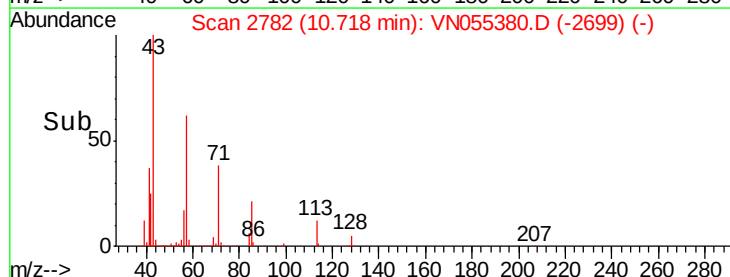
100000

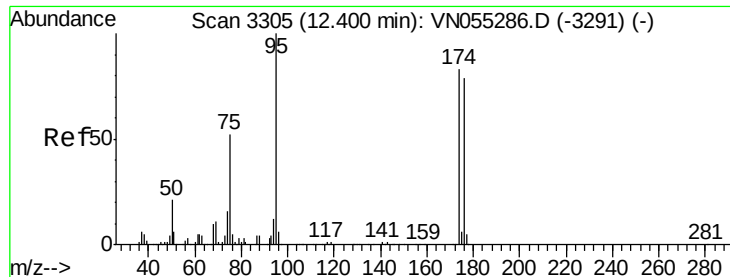
50000

0

10.65 10.70 10.75 10.80

Time-->

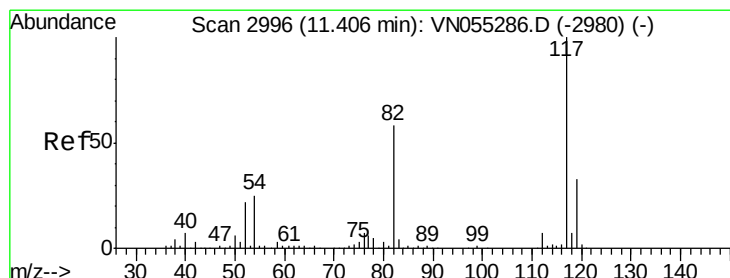
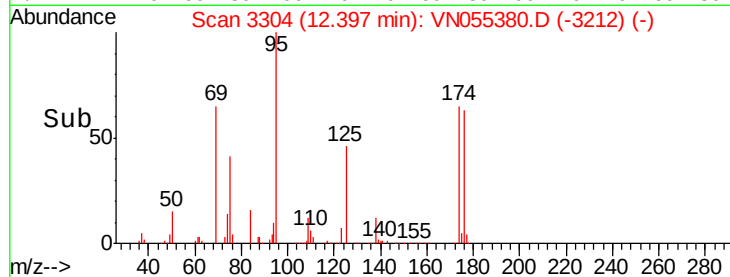
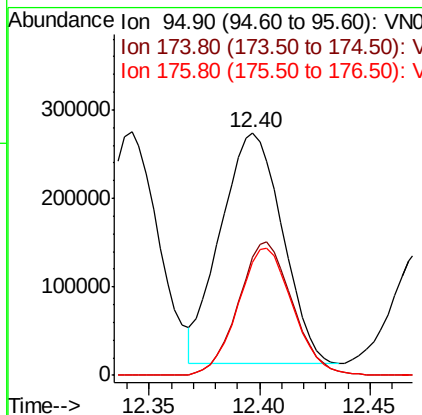
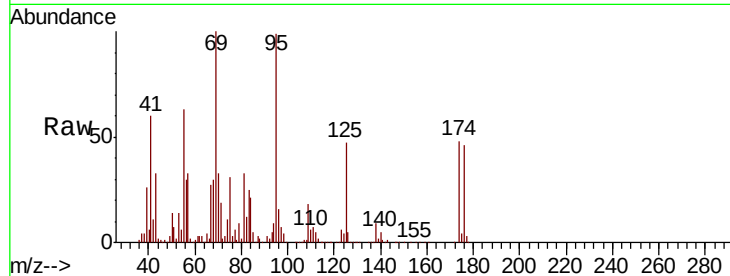




#62
4-Bromofluorobenzene
Concen: 90.898 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

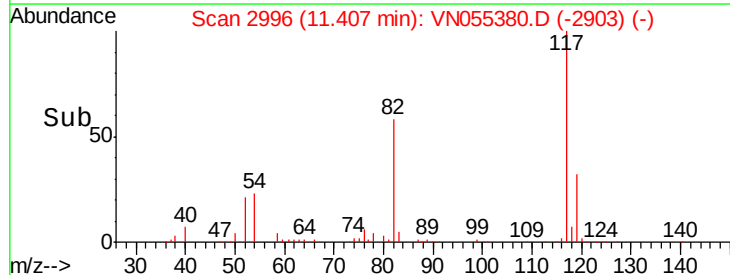
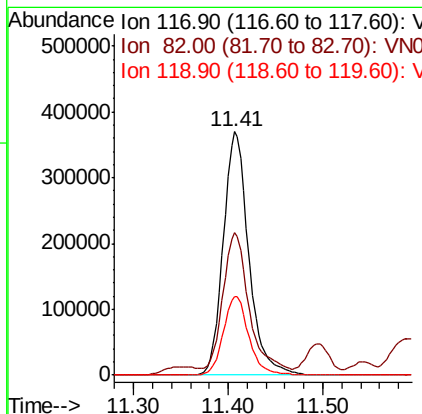
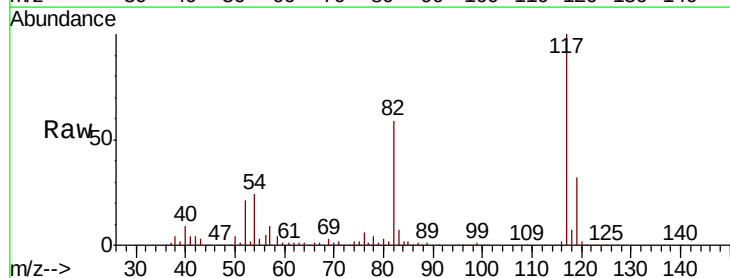
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

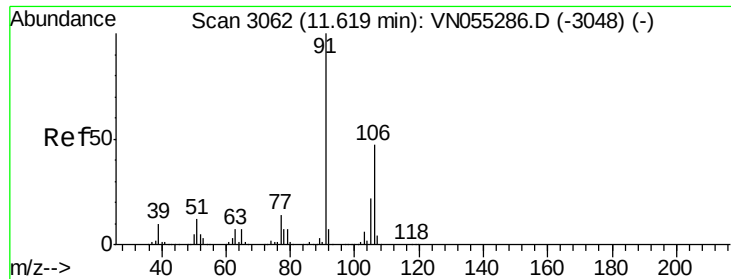
Tot Ion: 95 Resp: 505058
Ion Ratio Lower Upper
95 100
174 50.9 0.0 166.6
176 49.2 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

Tgt Ion: 117 Resp: 690477
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.4 26.6 40.0

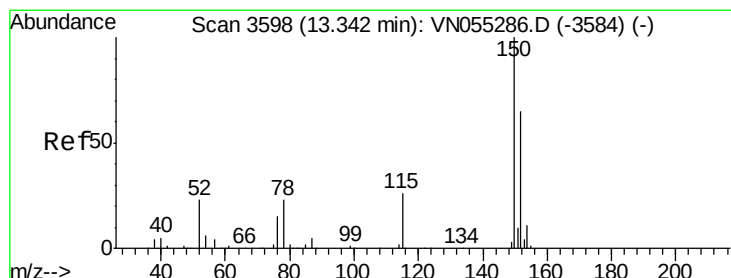
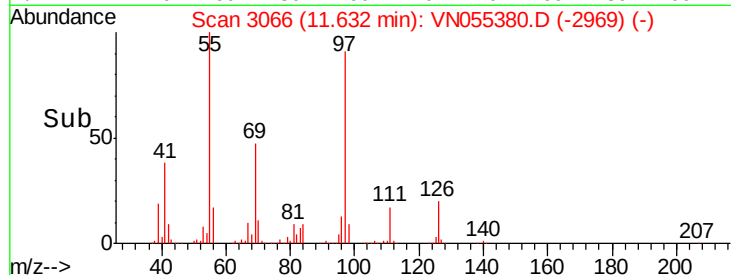
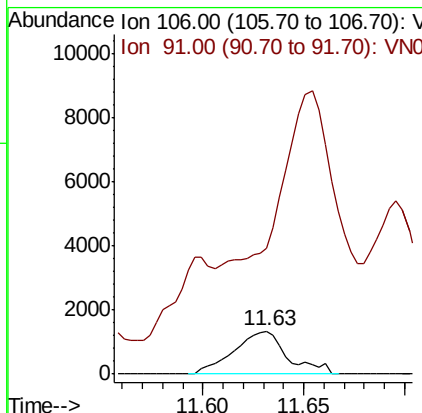
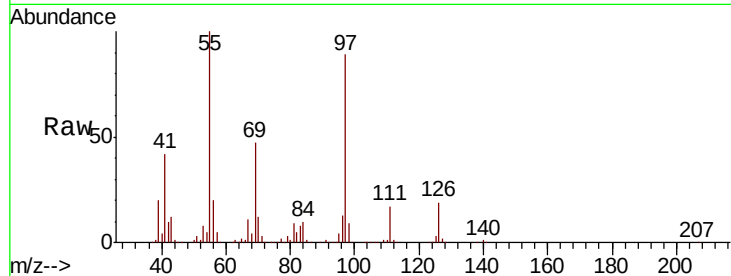




#68
m/p-Xvlenes
Concen: 0.287 ug/l
RT: 11.63 min Scan# 3066
Delta R.T. 0.01 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

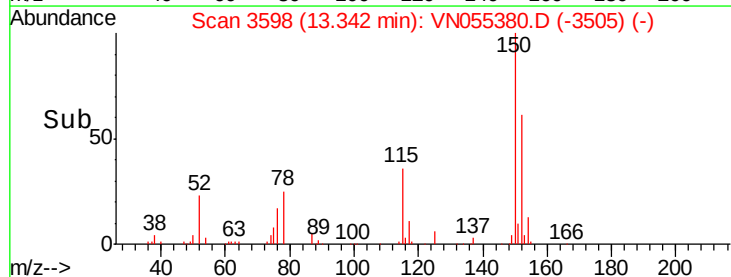
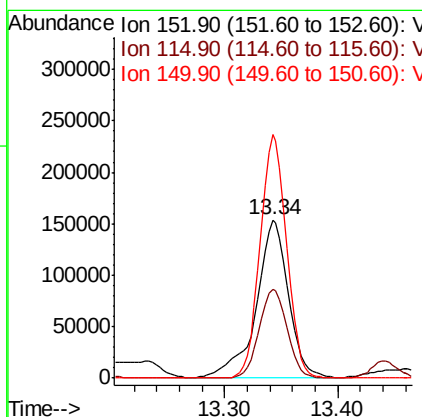
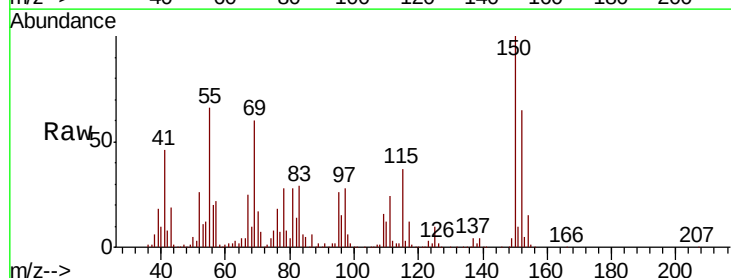
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

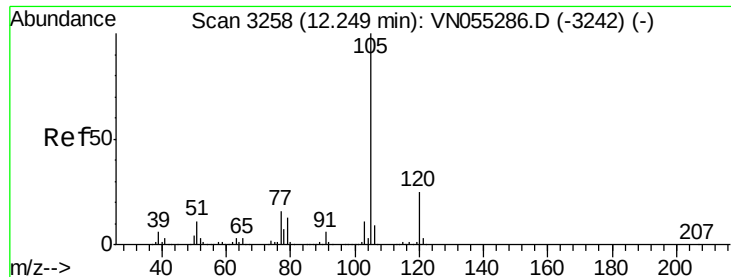
Tot Ion:106 Resp: 2494
Ion Ratio Lower Upper
106 100
91 0.0 169.5 254.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

Tgt Ion:152 Resp: 298994
Ion Ratio Lower Upper
152 100
115 48.7 29.0 87.0
150 128.4 0.0 345.6





#73

Isopropylbenzene

Concen: 27.311 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

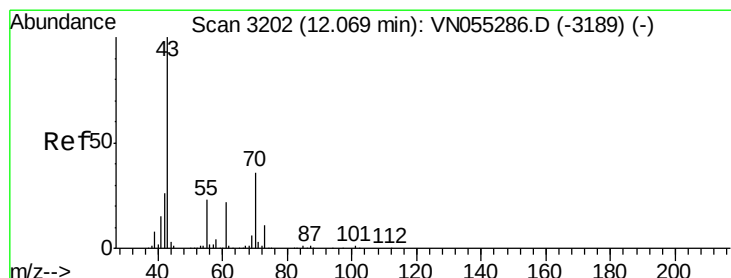
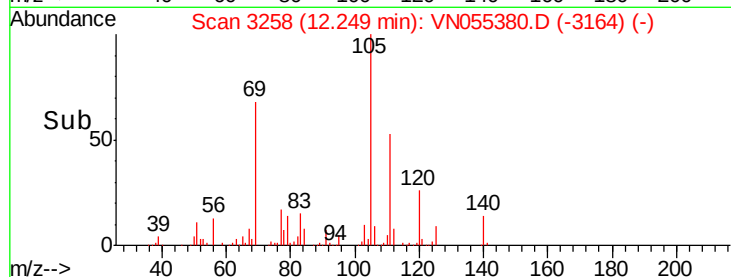
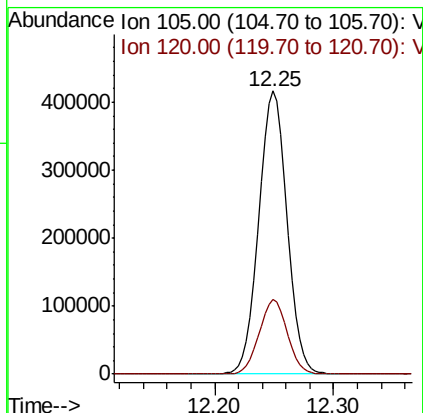
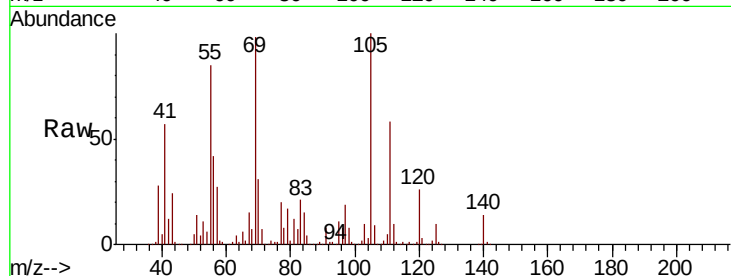
EP1-SB-E3-4(17-20)

Tot Ion:105 Resp: 683883

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.7



#74

N-ethyl acetate

Concen: 255.758 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Tgt Ion: 43 Resp: 1962517

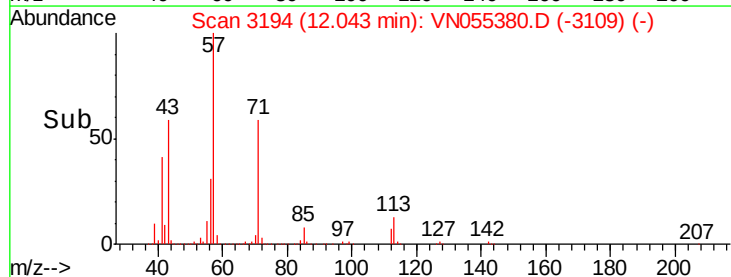
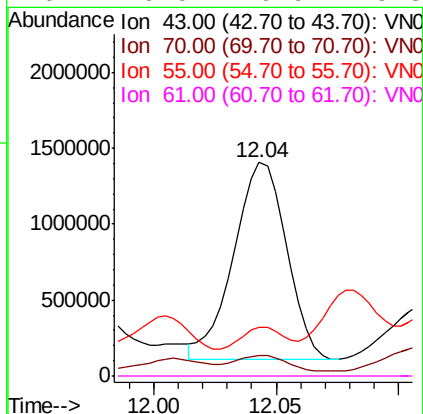
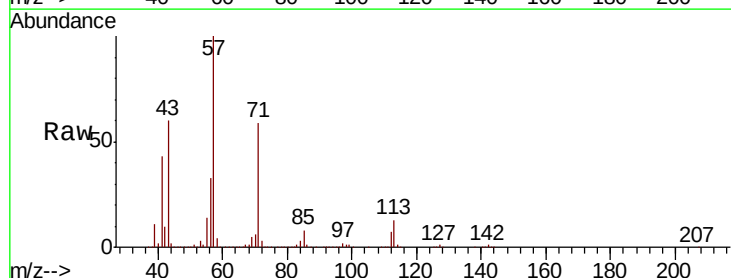
Ion Ratio Lower Upper

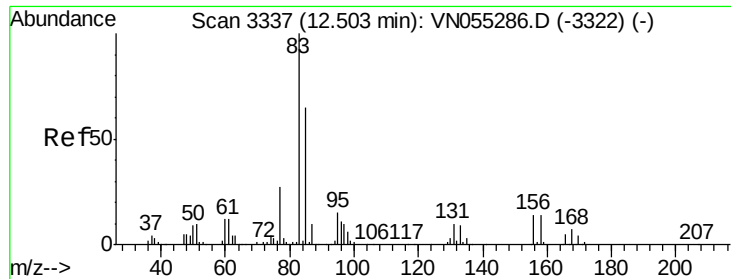
43 100

70 8.1 27.9 41.9#

55 8.7 18.2 27.2#

61 0.0 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 25.101 ug/l

RT: 12.47 min Scan# 3326

Delta R.T. -0.03 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(17-20)

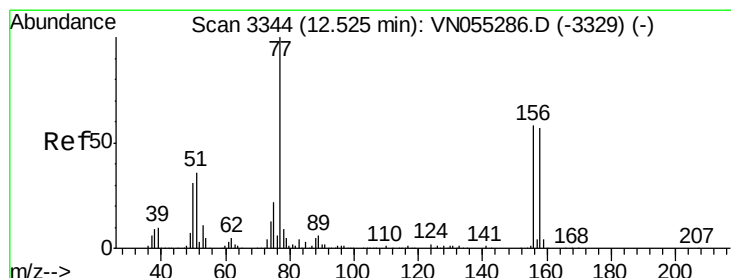
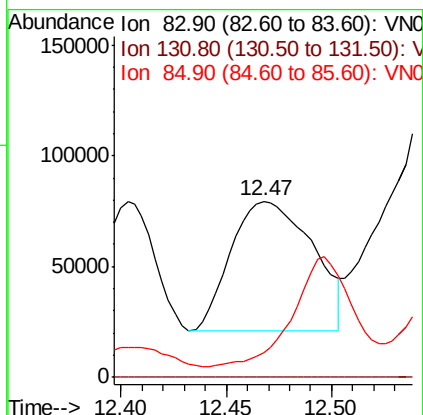
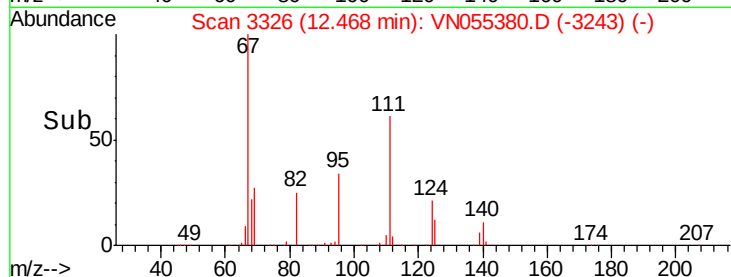
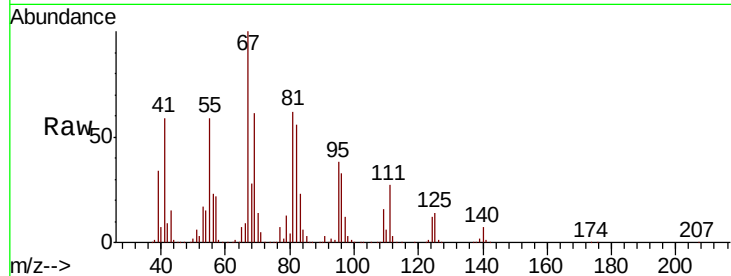
Tot Ion: 83 Resp: 158084

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 0.0 32.3 96.8#



#77

Bromobenzene

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. -0.02 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

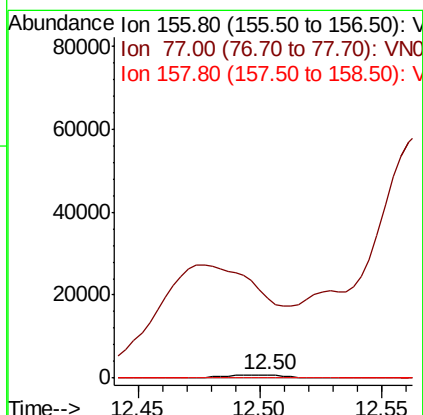
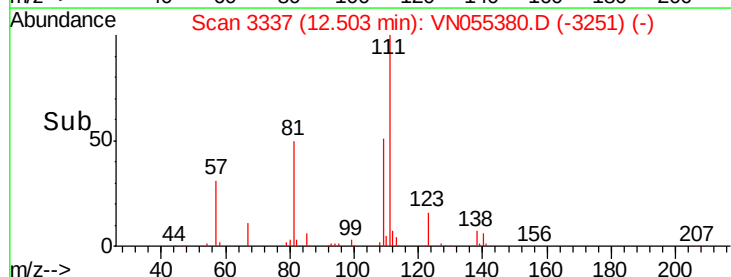
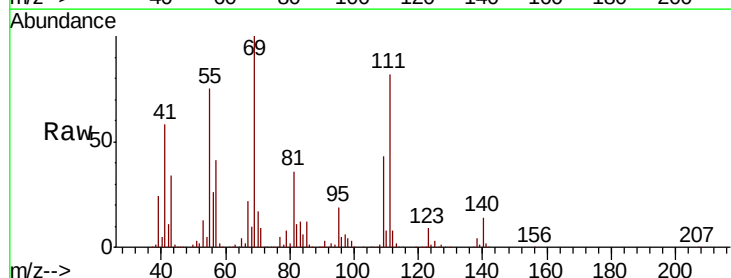
Tgt Ion: 156 Resp: 1369

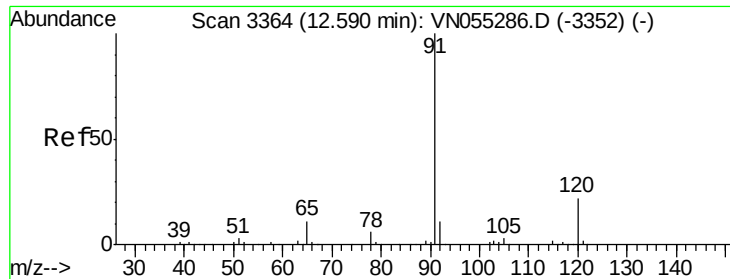
Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

158 0.0 49.3 147.8#





#78

n-propylbenzene

Concen: 66.789 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

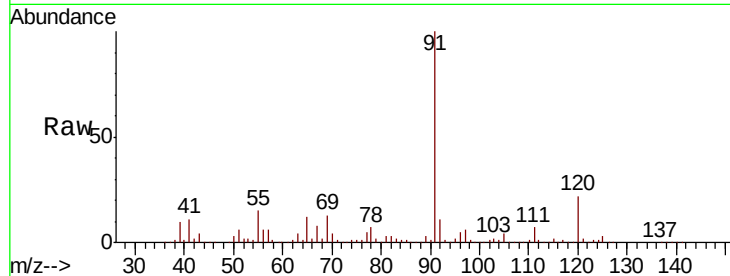
EP1-SB-E3-4(17-20)

Tot Ion: 91 Resp: 2051294

Ion Ratio Lower Upper

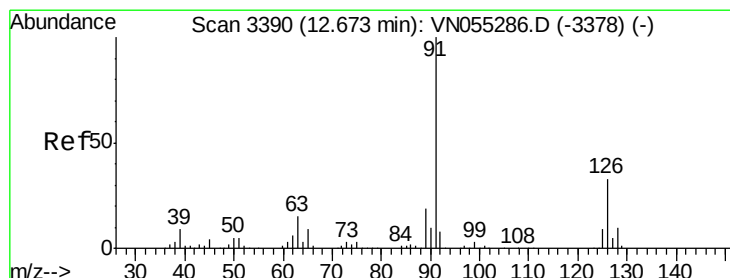
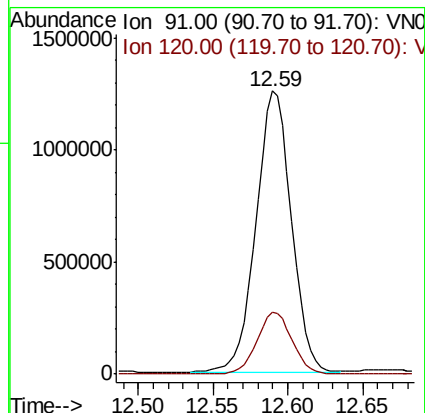
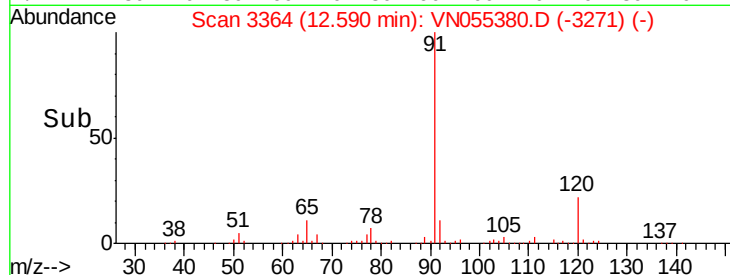
91 100

120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3352) (-)



#79

2-Chlorotoluene

Concen: 130.899 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN055380.D

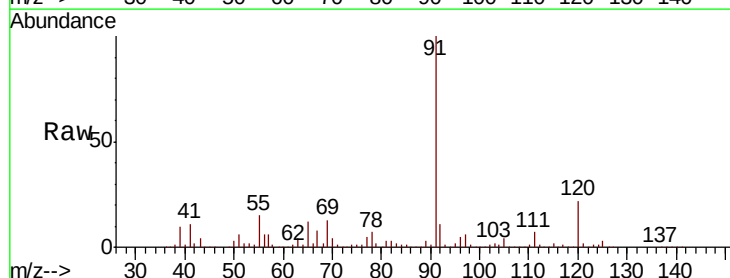
Acq: 3 May 2019 11:12

Tgt Ion: 91 Resp: 2051294

Ion Ratio Lower Upper

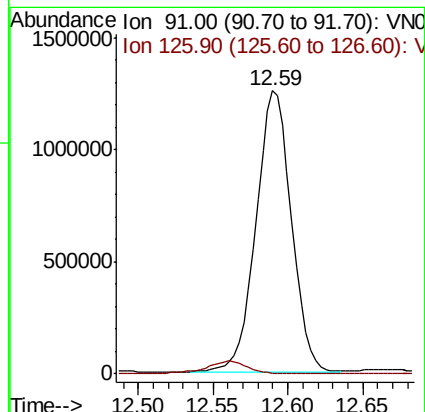
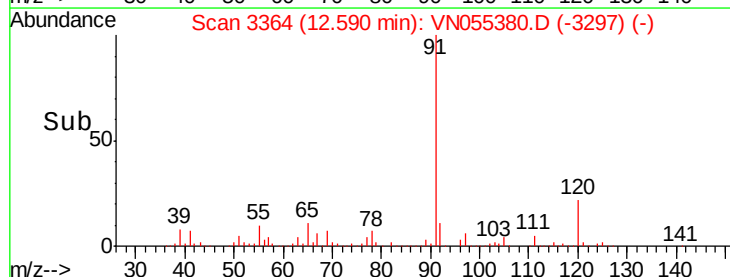
91 100

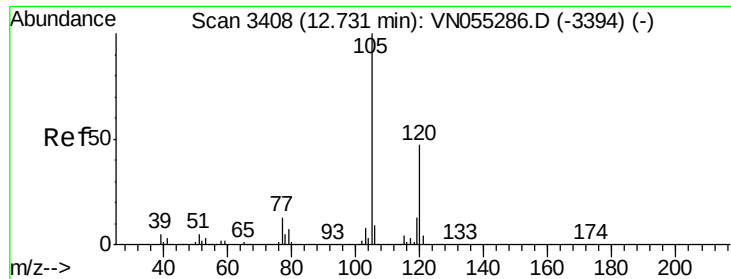
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)

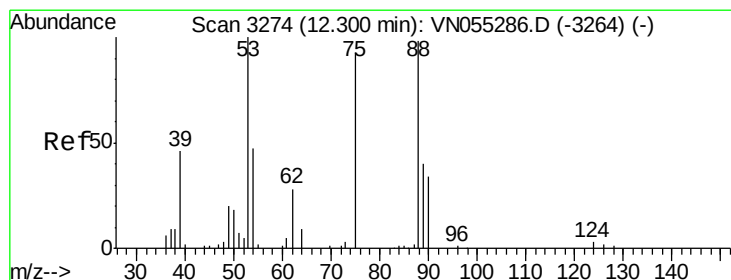
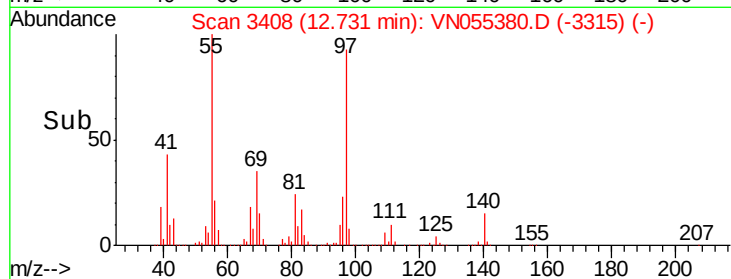
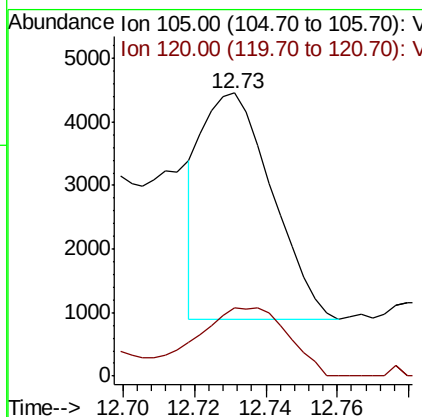
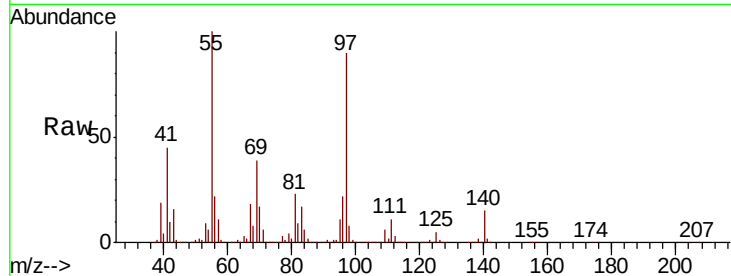




#80
 1,3,5-Trimethylbenzene
 Concen: 0.209 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

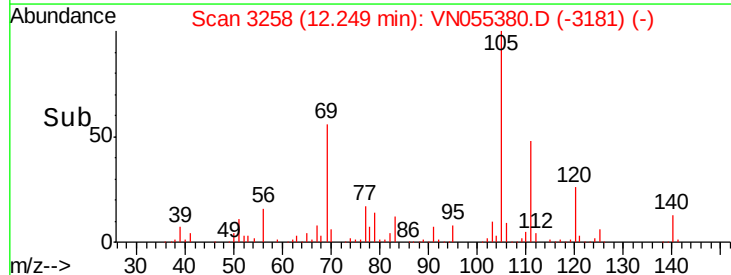
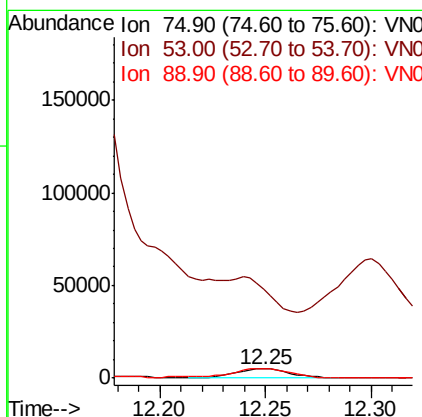
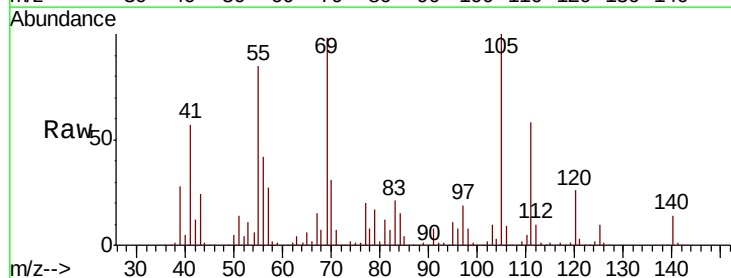
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(17-20)

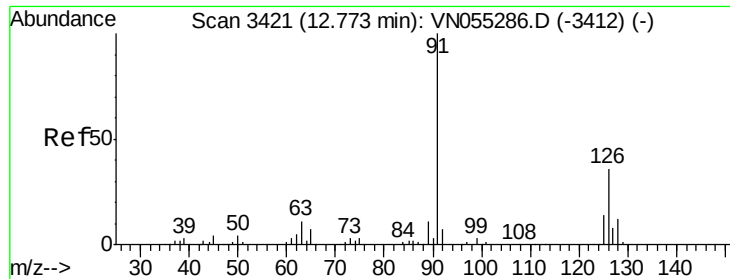
Tot Ion:105 Resp: 4889
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.4 70.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.974 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

Tgt Ion: 75 Resp: 7847
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 105.3 34.6 51.8#

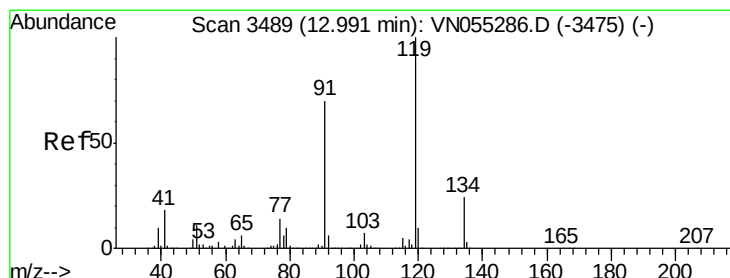
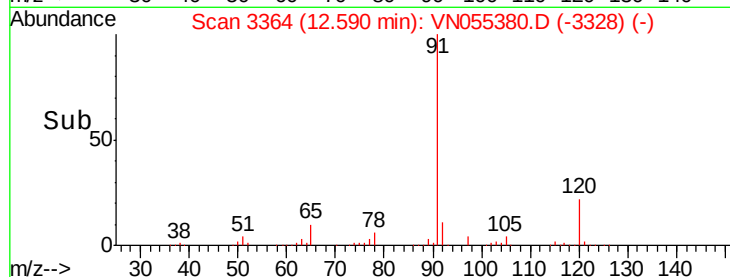
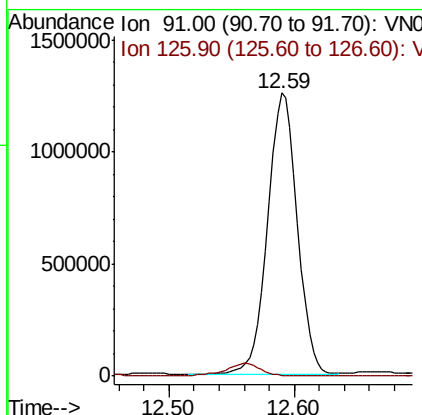
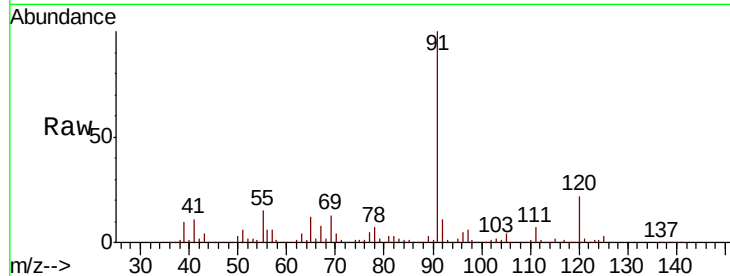




#82
4-Chlorotoluene
Concen: 115.521 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.18 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

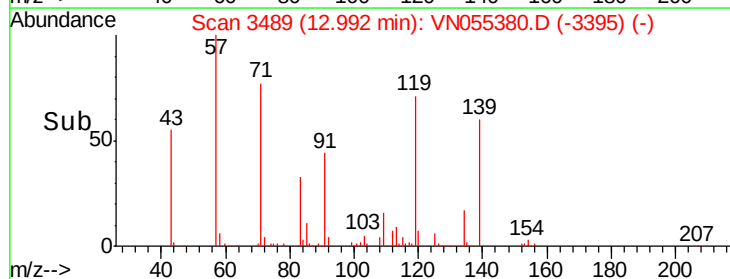
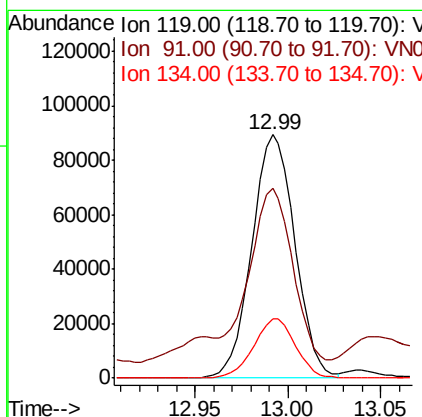
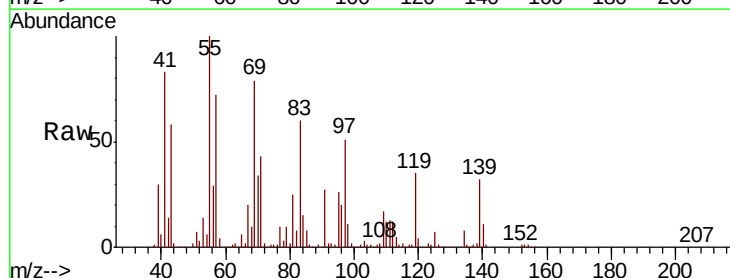
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

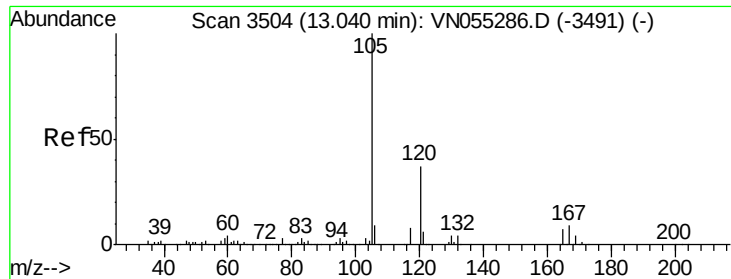
Tot Ion: 91 Resp: 2062931
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#83
tert-Butylbenzene
Concen: 6.118 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055380.D
Acq: 3 May 2019 11:12

Tgt Ion: 119 Resp: 143893
Ion Ratio Lower Upper
119 100
91 69.8 34.3 102.9
134 23.6 13.1 39.3





#84

1,2,4-Trimethylbenzene

Concen: 1.645 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

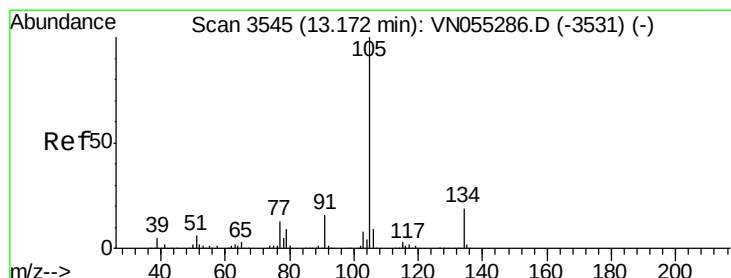
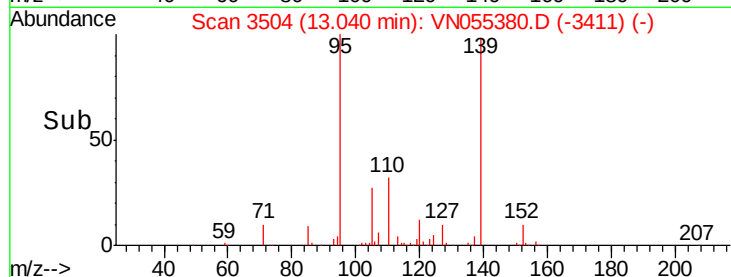
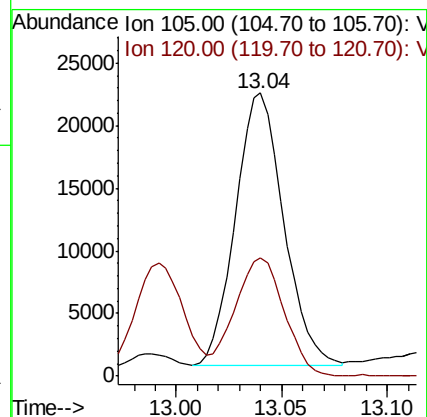
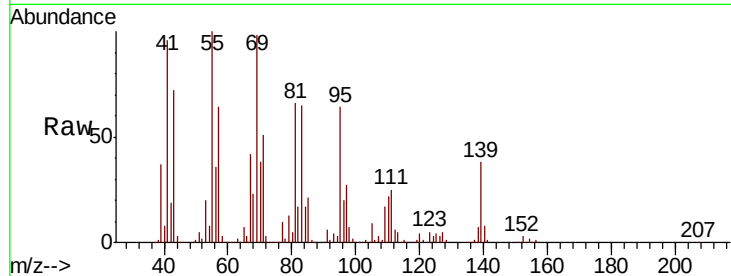
EP1-SB-E3-4(17-20)

Tot Ion:105 Resp: 34479

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.5



#85

sec-Butylbenzene

Concen: 44.336 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055380.D

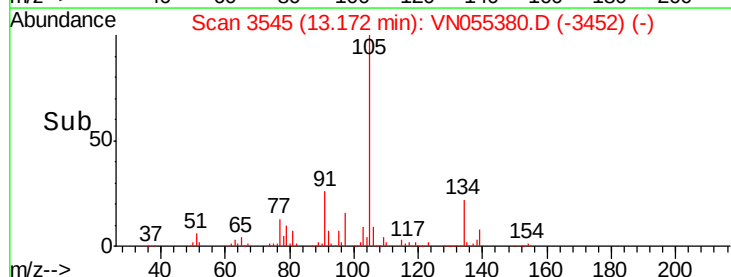
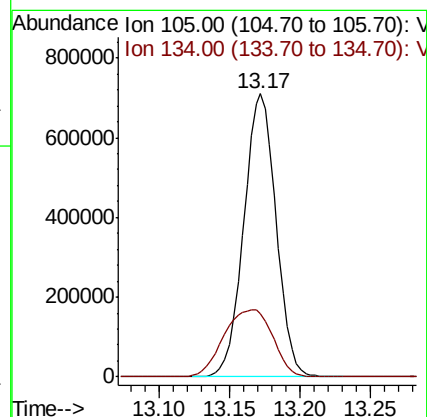
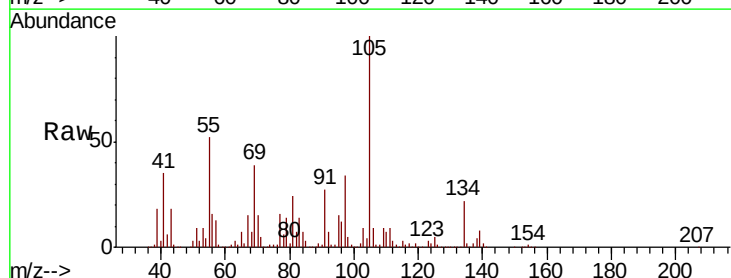
Acq: 3 May 2019 11:12

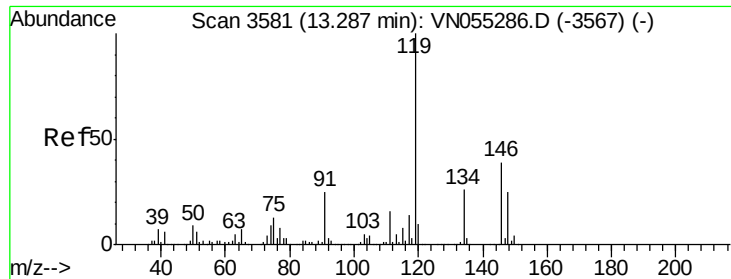
Tgt Ion:105 Resp: 1129555

Ion Ratio Lower Upper

105 100

134 36.0 9.6 28.8#

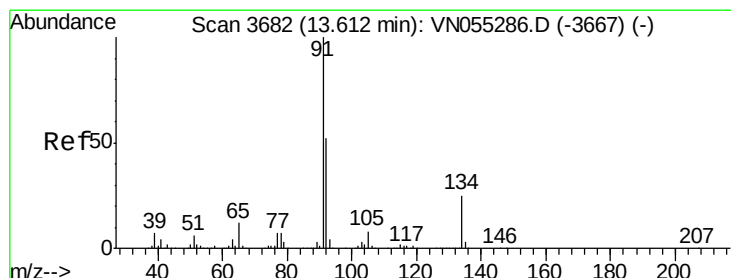
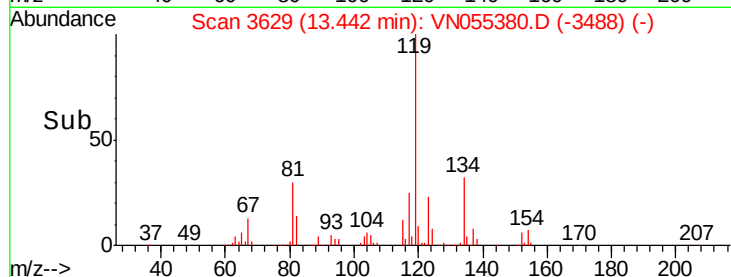
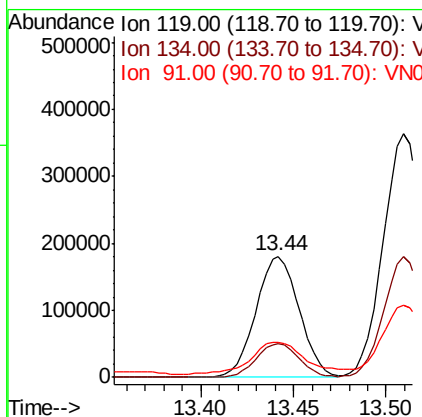
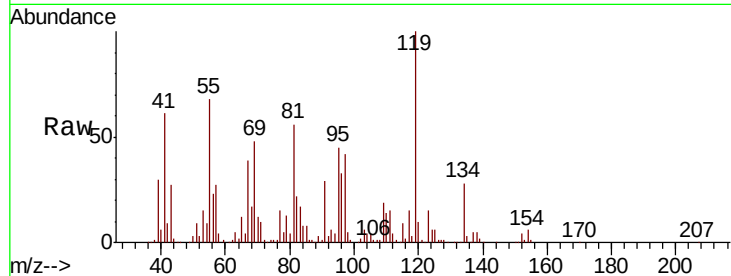




#86
 p-Isopropyltoluene
 Concen: 13.950 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

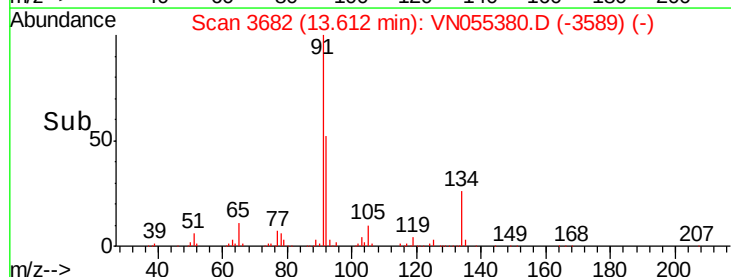
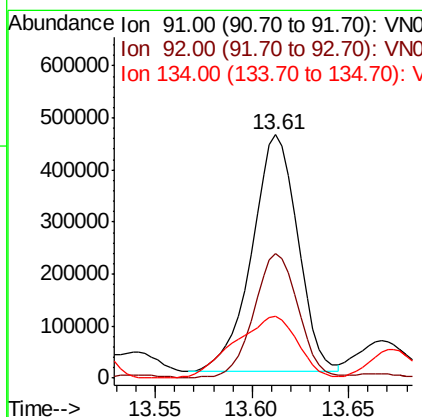
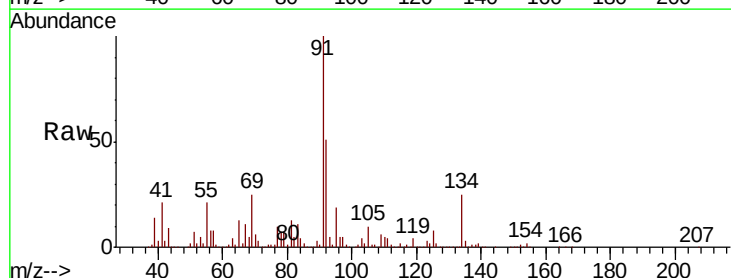
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(17-20)

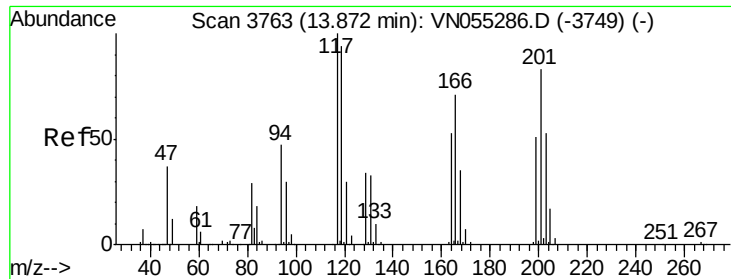
Tot Ion:119 Resp: 292114
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.0 38.9
 91 33.5 12.2 36.6



#89
 n-Butylbenzene
 Concen: 50.853 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

Tgt Ion: 91 Resp: 756672
 Ion Ratio Lower Upper
 91 100
 92 49.6 26.1 78.3
 134 35.2 12.4 37.4





#90

Hexachloroethane

Concen: 46.011 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

Instrument :

MSVOA_N

ClientSampleId :

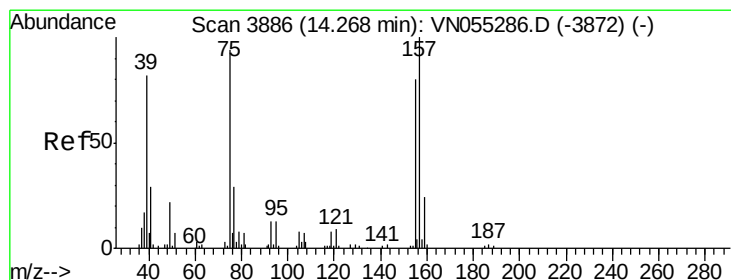
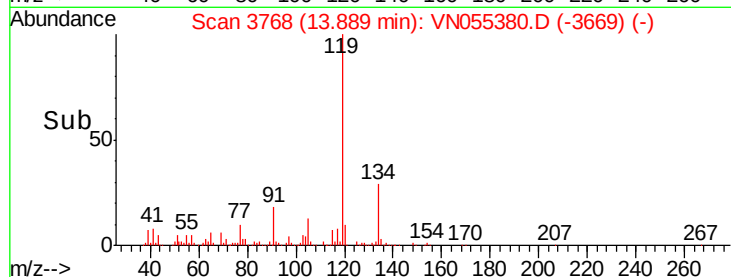
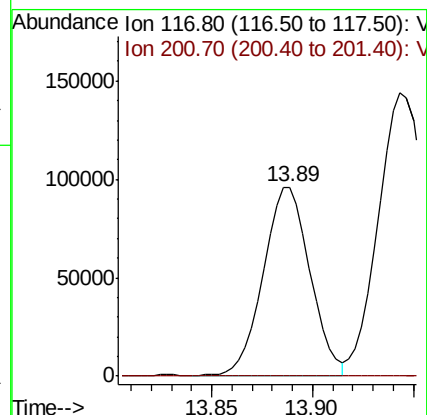
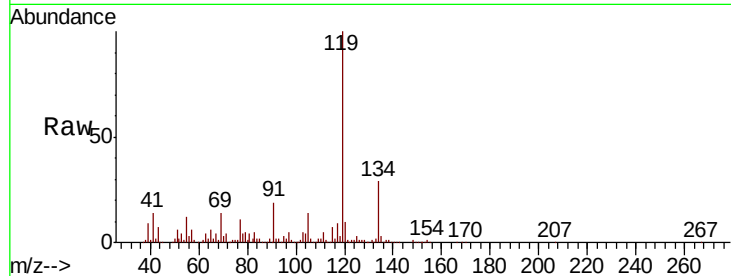
EP1-SB-E3-4(17-20)

Tot Ion:117 Resp: 152972

Ion Ratio Lower Upper

117 100

201 0.0 41.9 125.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.822 ug/l

RT: 14.29 min Scan# 3892

Delta R.T. 0.02 min

Lab File: VN055380.D

Acq: 3 May 2019 11:12

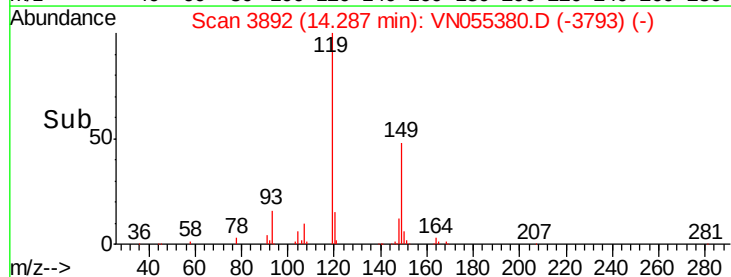
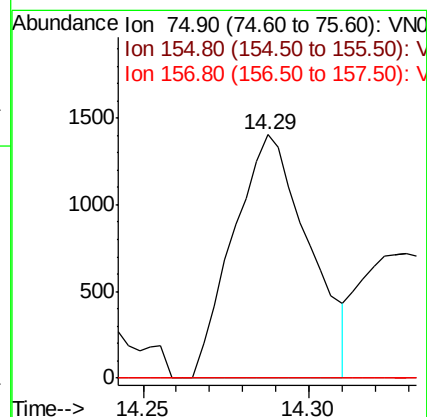
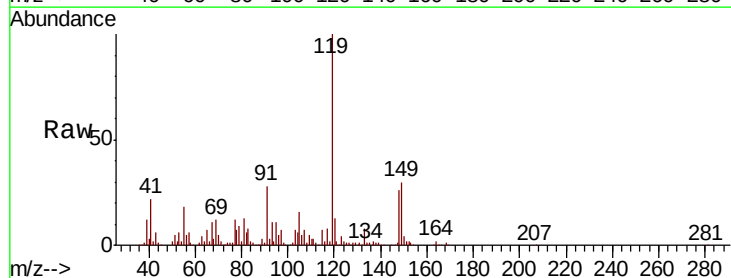
Tgt Ion: 75 Resp: 2220

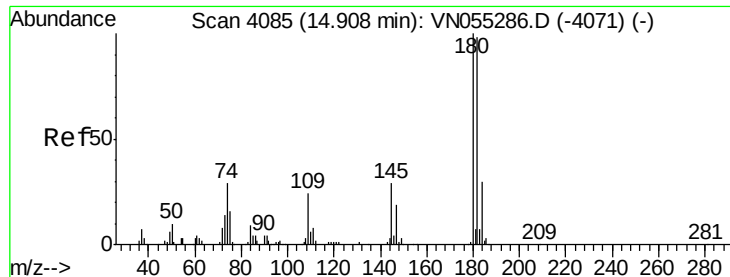
Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 54.0 162.2#

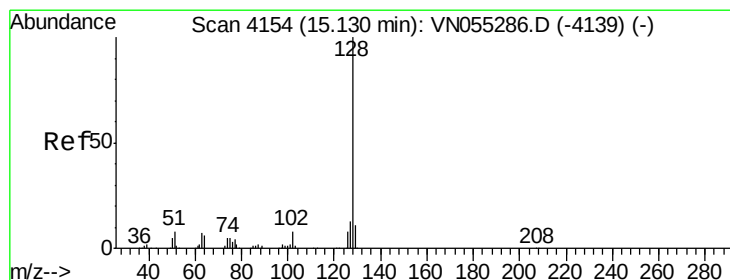
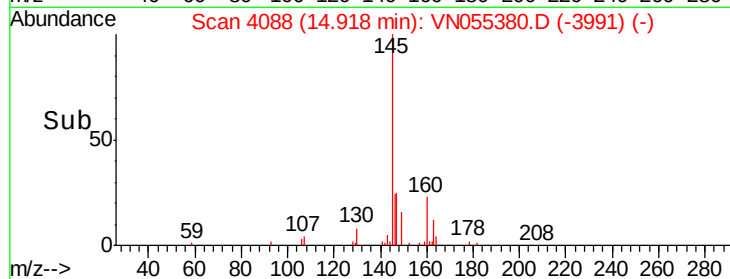
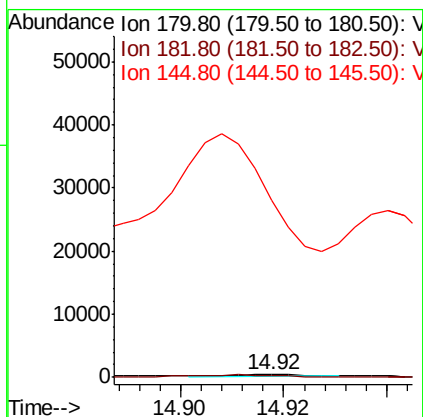
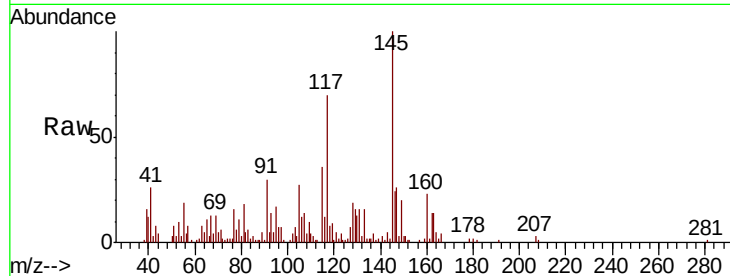




#93
 1,2,4-Trichlorobenzene
 Concen: 3.374 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

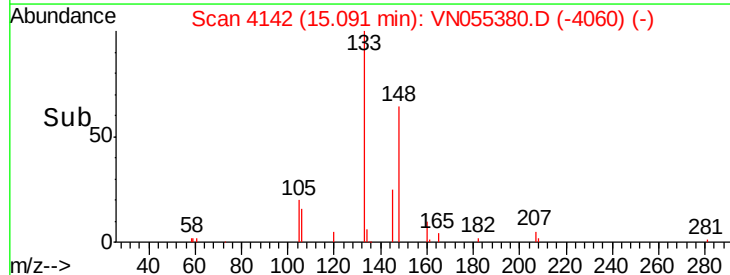
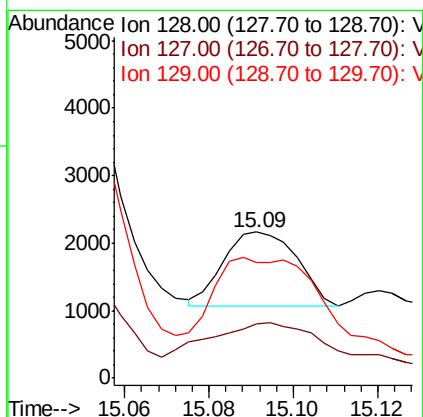
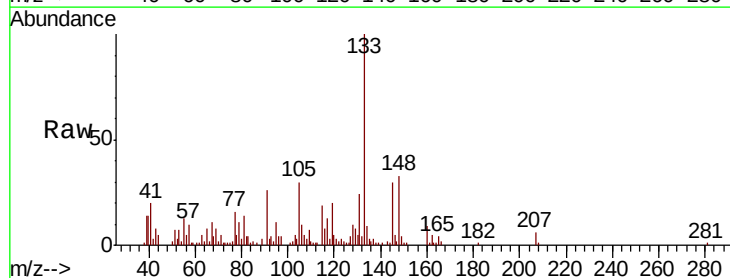
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(17-20)

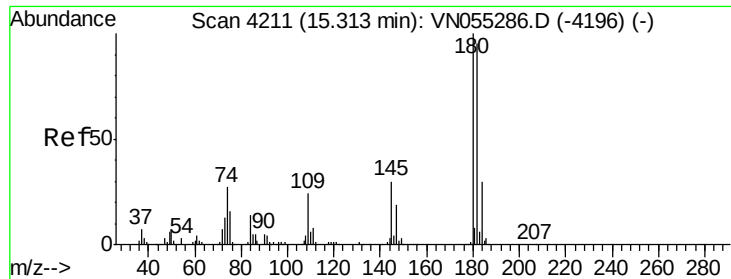
Tot Ion:180 Resp: 265
 Ion Ratio Lower Upper
 180 100
 182 203.0 48.3 144.9#
 145 35205.7 14.2 42.6#



#95
 Naphthalene
 Concen: 3.476 ug/l
 RT: 15.09 min Scan# 4142
 Delta R.T. -0.04 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

Tgt Ion:128 Resp: 1317
 Ion Ratio Lower Upper
 128 100
 127 97.2 10.7 16.1#
 129 206.2 8.6 13.0#

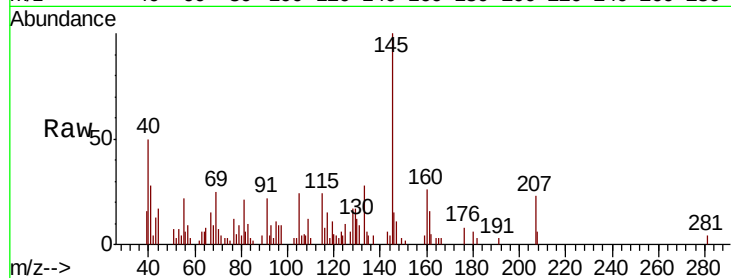




#96
 1,2,3-Trichlorobenzene
 Concen: 2.699 ug/l
 RT: 15.32 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN055380.D
 Acq: 3 May 2019 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(17-20)

Tot Ion	Ratio	Lower	Upper
180	100		
182	109.7	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

