

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055384.D
 Acq On : 3 May 2019 12:52
 Operator : JC/SP
 Sample : K2658-06 10X
 Misc : 5.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(17-20)

Quant Time: May 03 23:20:11 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	438645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	762052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	301969	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	296101	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	239788	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.09	98	955609	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	506059	89.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.30%	

Target Compounds

						Qvalue
17) Carbon Disulfide	4.05	76	2283	0.202	ug/l #	74
18) Methyl Acetate	4.34	43	2585	Below Cal		93
31) Cyclohexane	7.67	56	9823	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	33032	4.525	ug/l #	49
38) Carbon Tetrachloride	7.67	117	41277	5.862	ug/l #	16
39) Methylcyclohexane	9.05	83	5573	0.718	ug/l #	37
41) Methacrylonitrile	7.19	41	138	0.785	ug/l #	1
43) Isopropyl Acetate	8.15	43	1946	0.216	ug/l #	56
48) Methyl methacrylate	9.22	41	988	0.224	ug/l #	28
49) 1,4-Dioxane	9.21	88	30	0.657	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	1565	0.309	ug/l	93
55) 1,1,2-Trichloroethane	10.53	97	78908	17.211	ug/l #	19
56) Ethyl methacrylate	10.43	69	42132	7.466	ug/l #	1
59) 2-Hexanone	10.72	43	310561	98.060	ug/l #	32
73) Isopropylbenzene	12.25	105	905116	36.838	ug/l	100
74) N-amyl acetate	12.04	43	2028538	261.758	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.47	83	169662	26.887	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	16150	0.379	ug/l #	100
77) Bromobenzene	12.50	156	968	Below Cal	#	1
78) n-propylbenzene	12.59	91	2576120	83.051	ug/l	99
79) 2-Chlorotoluene	12.59	91	2576120	163.454	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.25	75	10531	6.609	ug/l #	1
82) 4-Chlorotoluene	12.59	91	2576120	142.838	ug/l #	42
83) tert-Butylbenzene	12.99	119	184418	8.596	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	51478	2.431	ug/l	98
85) sec-Butylbenzene	13.17	105	1232701	47.908	ug/l #	65
86) p-Isopropyltoluene	13.44	119	325903	15.410	ug/l	91
89) n-Butylbenzene	13.61	91	732866	48.767	ug/l	90
90) Hexachloroethane	13.89	117	150849	44.887	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.29	75	3217	4.049	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	3272	4.084	ug/l #	1
94) Hexachlorobutadiene	15.01	225	1573	Below Cal		84
95) Naphthalene	15.13	128	11351	4.591	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.31	180	4183	3.632	ug/l #	38

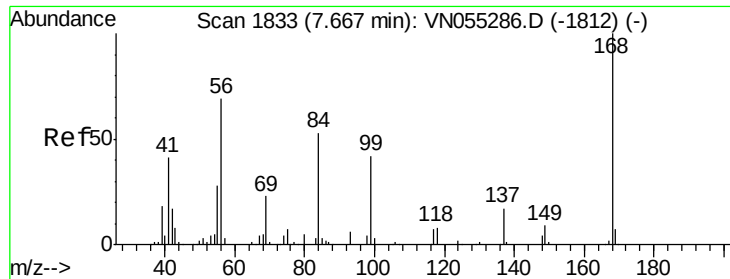
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
Data File : VN055384.D
Acq On : 3 May 2019 12:52
Operator : JC/SP
Sample : K2658-06 10X
Misc : 5.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(17-20)

Quant Time: May 03 23:20:11 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)
--------------------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

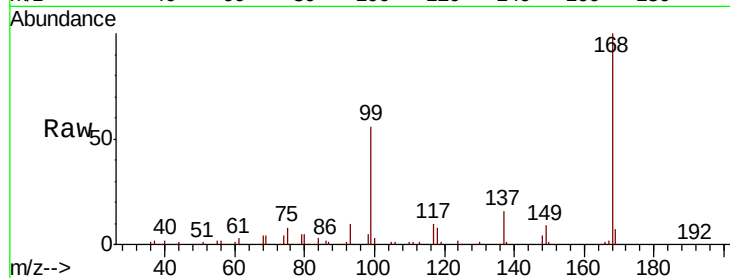
EP1-SB-E7(17-20)

Tot Ion:168 Resp: 438645

Ion Ratio Lower Upper

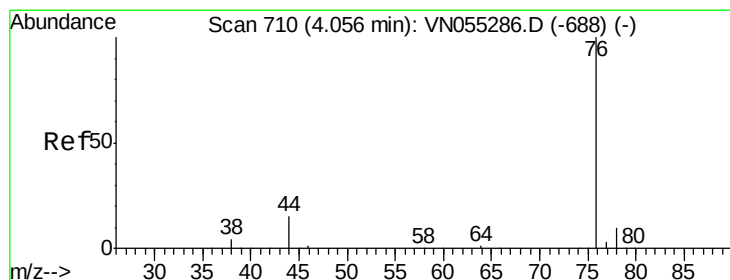
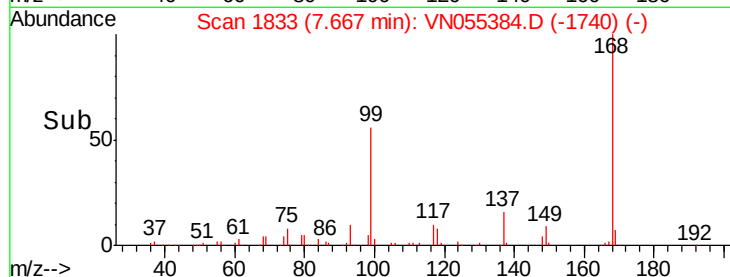
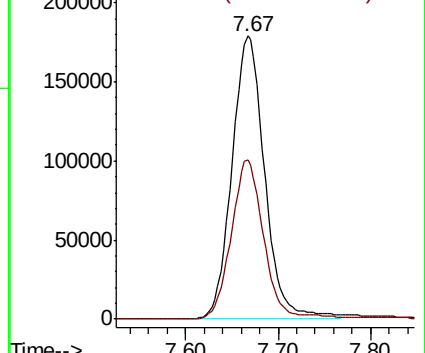
168 100

99 56.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055384.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055384.D (-1740) (-)



#17

Carbon Disulfide

Concen: 0.202 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN055384.D

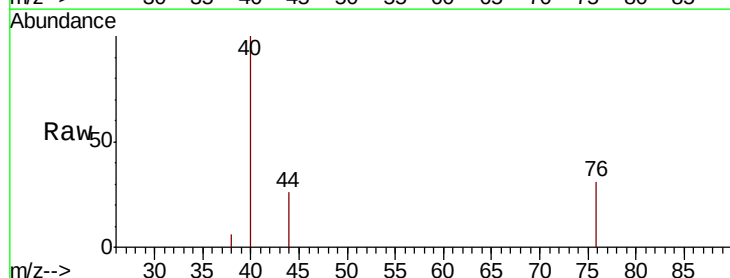
Acq: 3 May 2019 12:52

Tgt Ion: 76 Resp: 2283

Ion Ratio Lower Upper

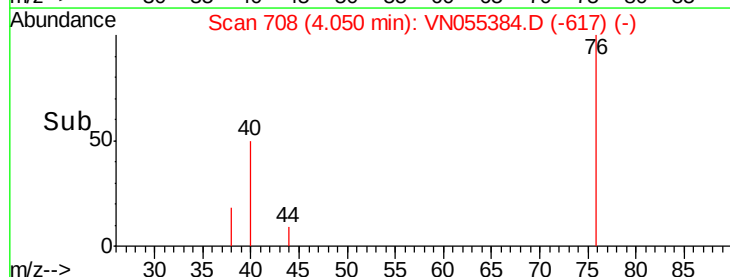
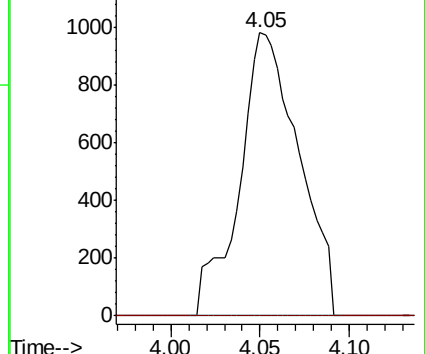
76 100

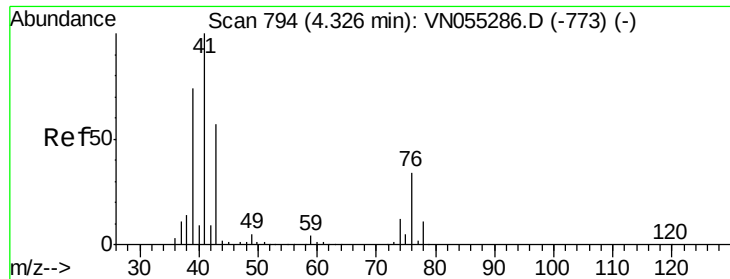
78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN055384.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN055384.D (-617) (-)

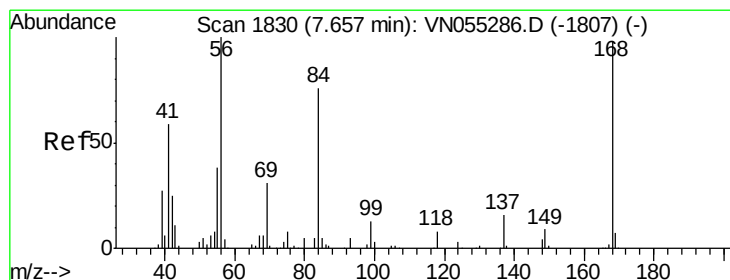
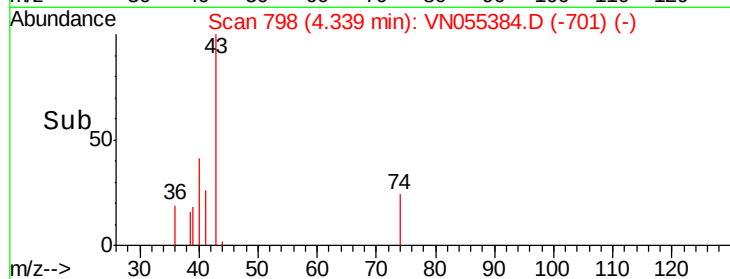
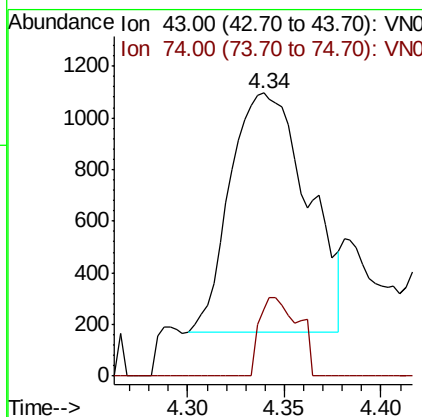
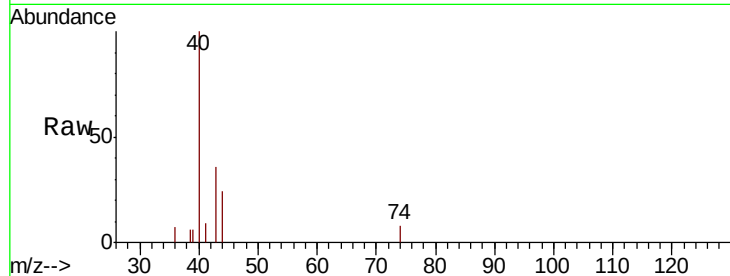




#18
Methvl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

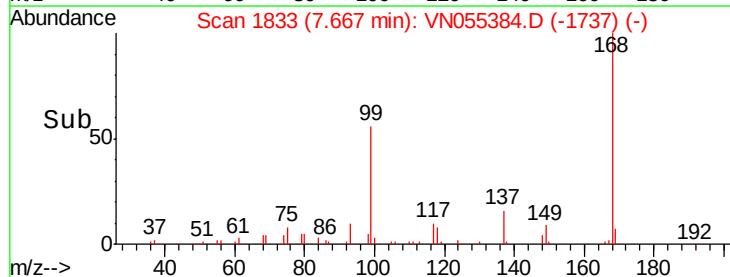
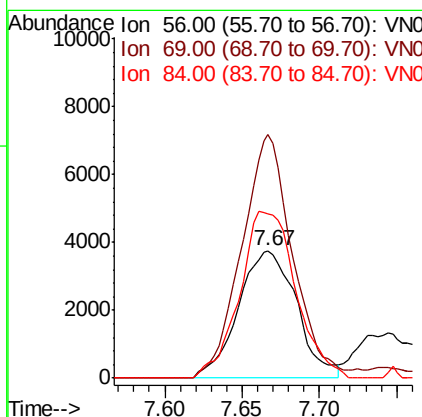
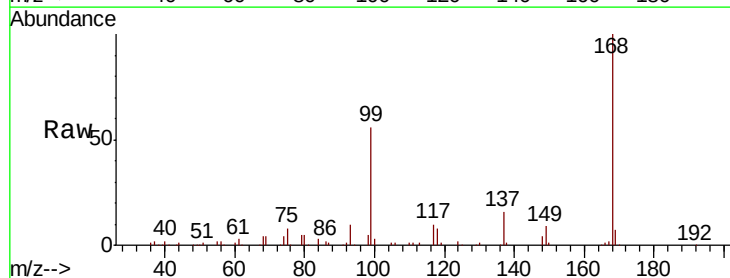
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(17-20)

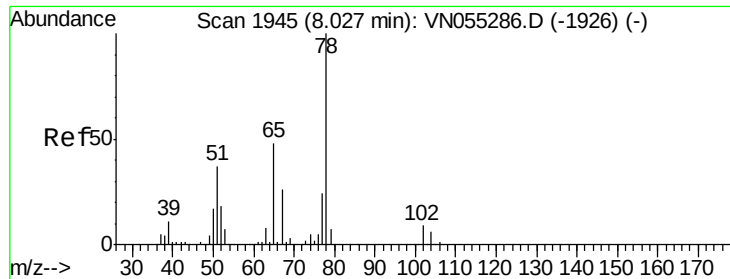
Tot Ion: 43 Resp: 2585
Ion Ratio Lower Upper
43 100
74 16.5 15.8 23.8



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Tgt Ion: 56 Resp: 9823
Ion Ratio Lower Upper
56 100
69 191.1 25.2 37.8#
84 128.7 61.1 91.7#

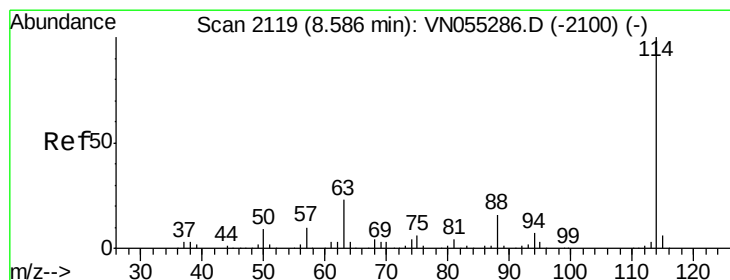
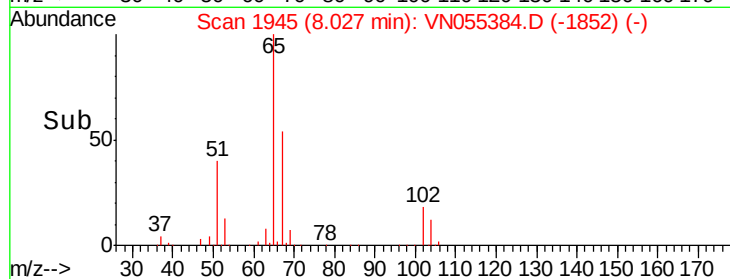
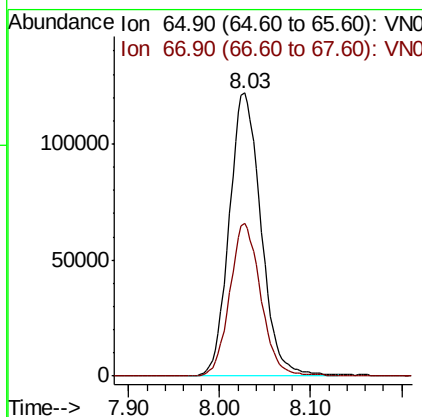
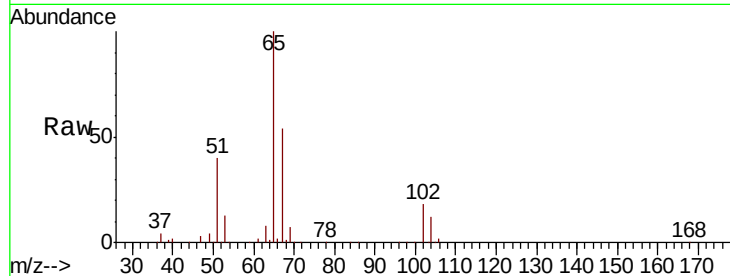




#33
 1,2-Dichloroethane-d4
 Concen: 51.599 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

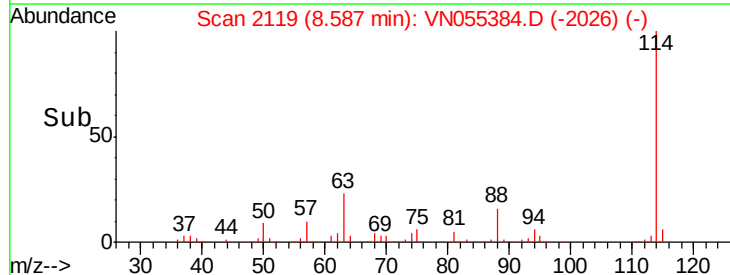
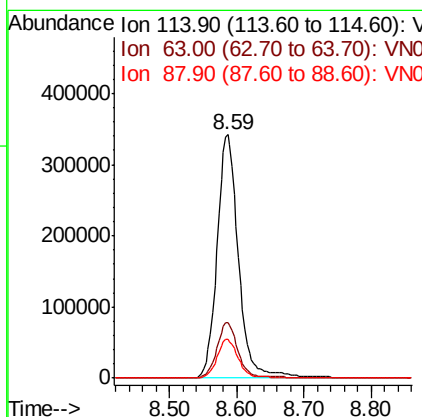
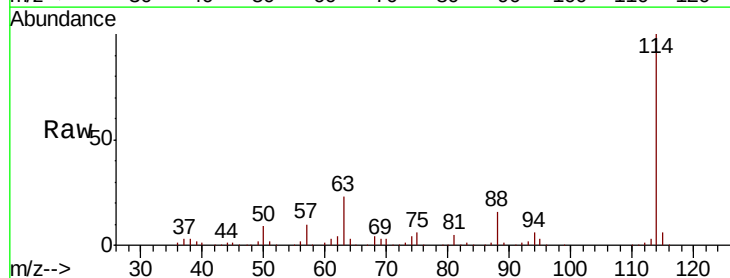
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(17-20)

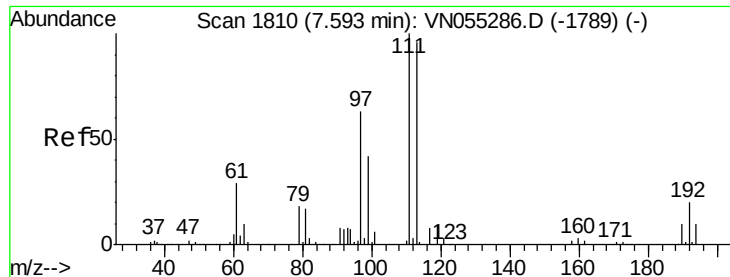
Tot Ion: 65 Resp: 296101
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

Tgt Ion: 114 Resp: 762052
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.940 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(17-20)

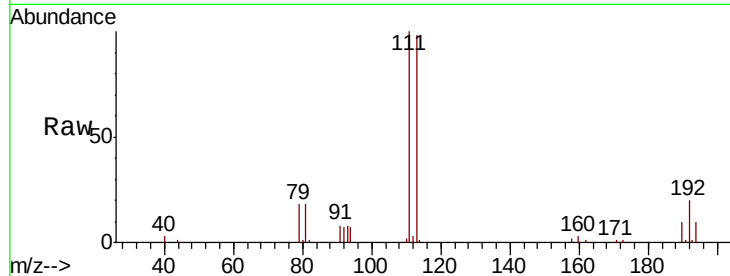
Tot Ion:113 Resp: 239788

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

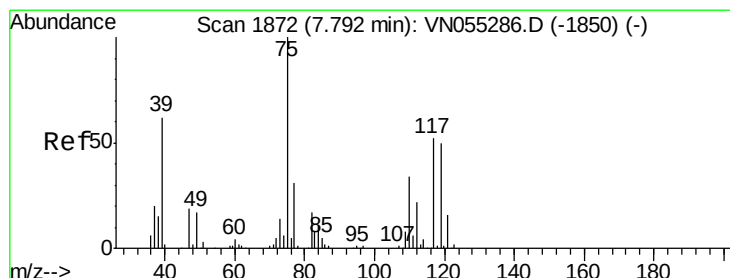
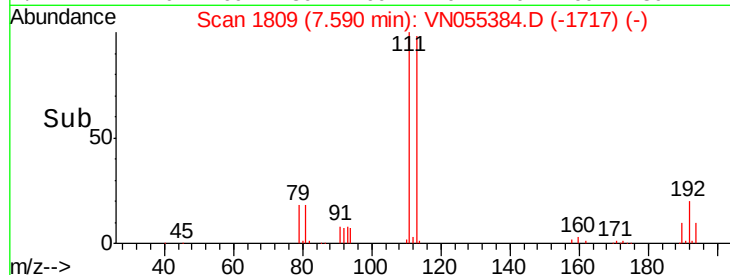
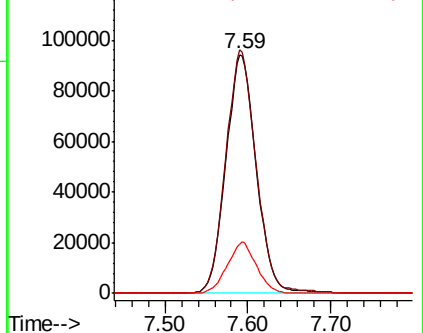
192 20.5 17.0 25.6



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: 4.525 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

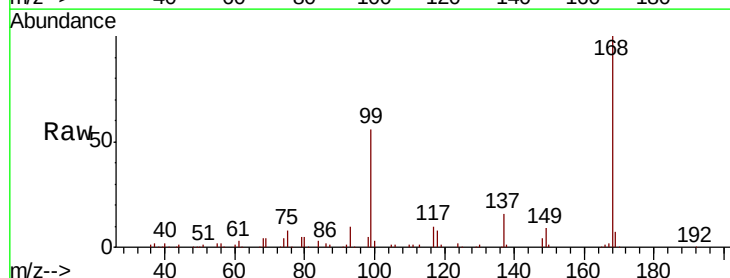
Tgt Ion: 75 Resp: 33032

Ion Ratio Lower Upper

75 100

110 7.5 16.8 50.4#

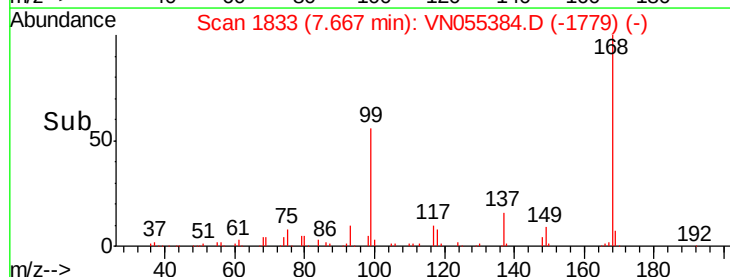
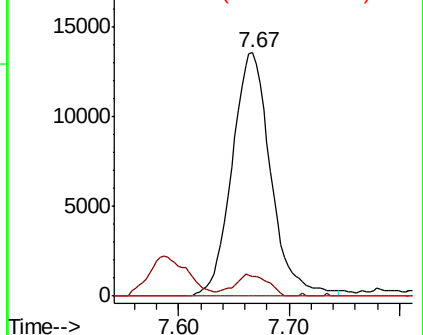
77 0.0 25.0 37.6#

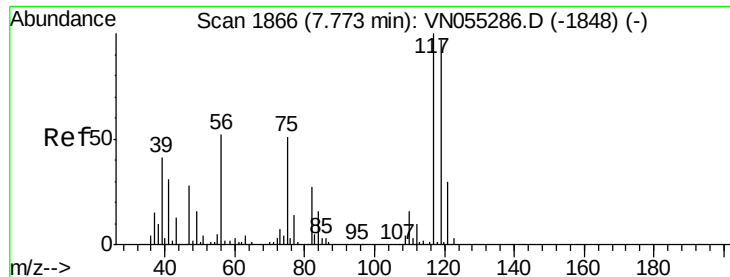


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.862 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(17-20)

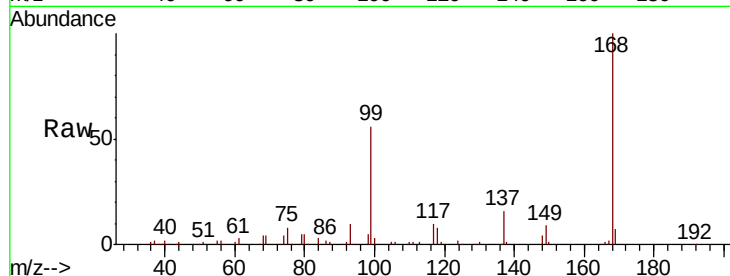
Tot Ion:117 Resp: 41277

Ion Ratio Lower Upper

117 100

119 5.0 77.0 115.6#

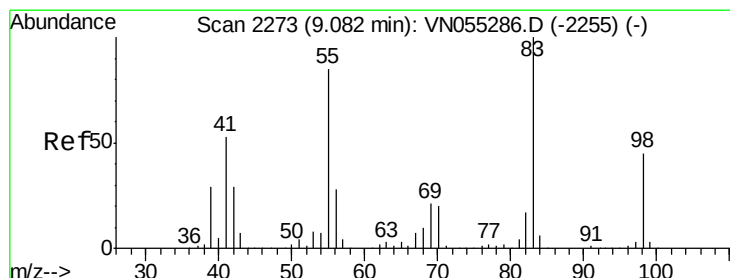
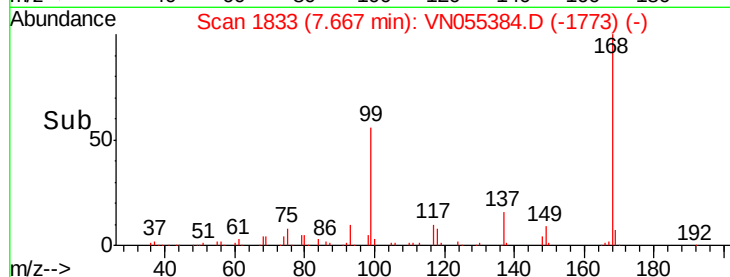
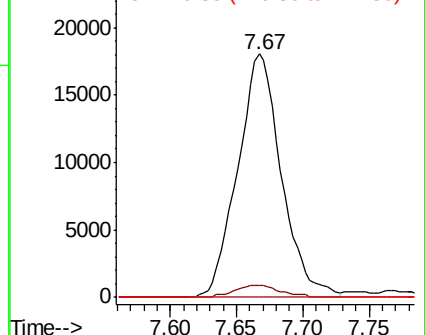
121 0.0 23.8 35.8#



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: 0.718 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.04 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

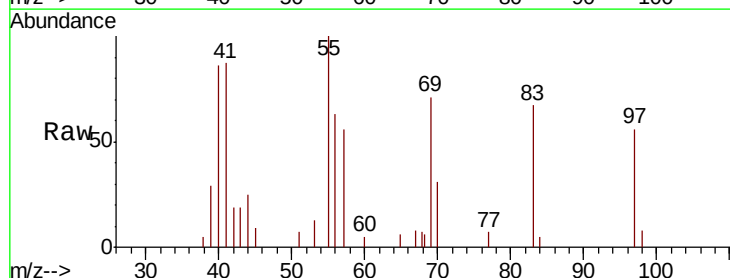
Tgt Ion: 83 Resp: 5573

Ion Ratio Lower Upper

83 100

55 148.8 67.8 101.6#

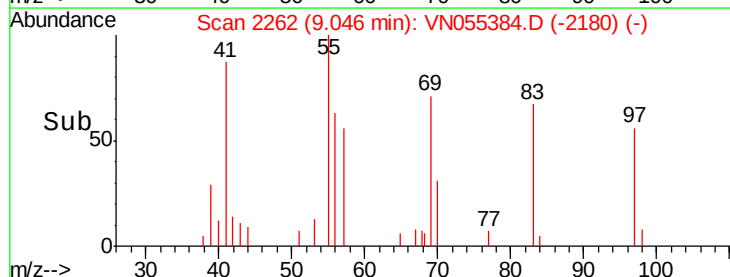
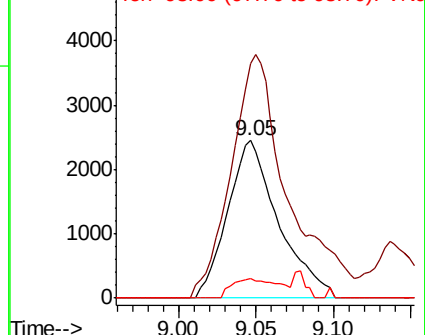
98 12.2 36.2 54.4#

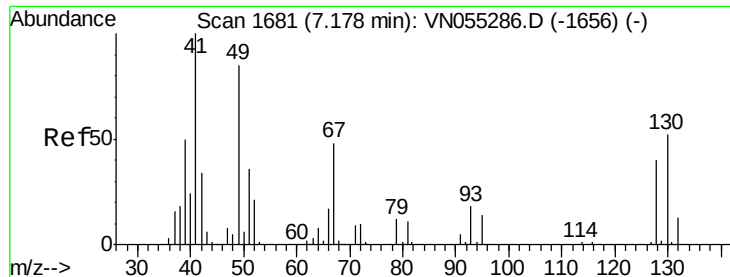


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#41

Methacrylonitrile

Concen: 0.785 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(17-20)

Tot Ion: 41 Resp: 138

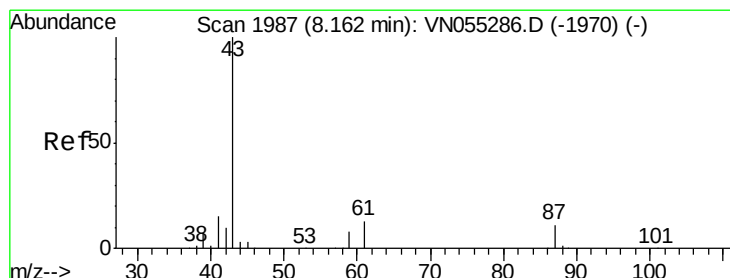
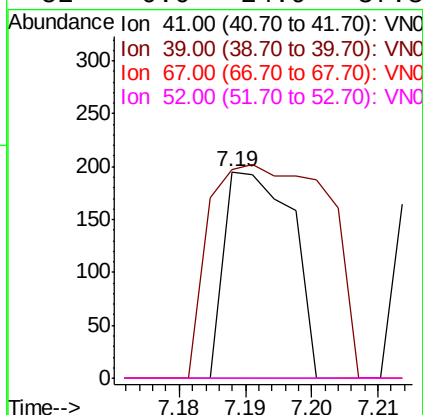
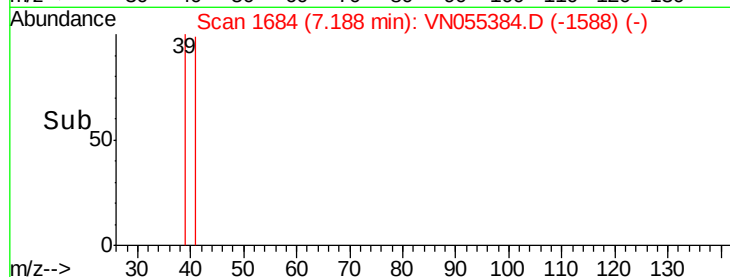
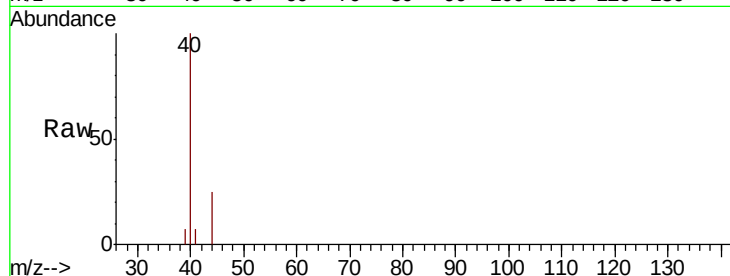
Ion Ratio Lower Upper

41 100

39 181.9 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#



#43

Isopropyl Acetate

Concen: 0.216 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.01 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

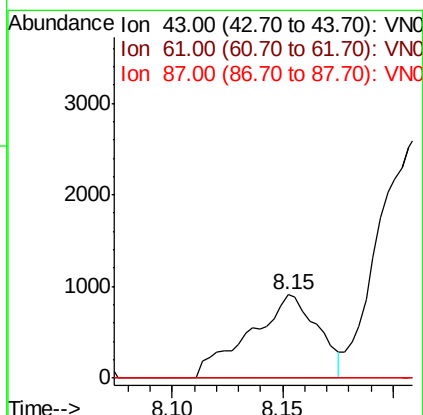
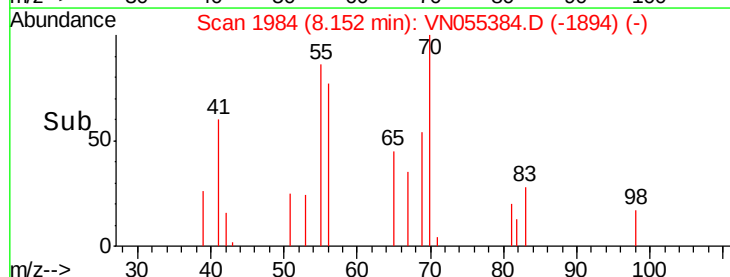
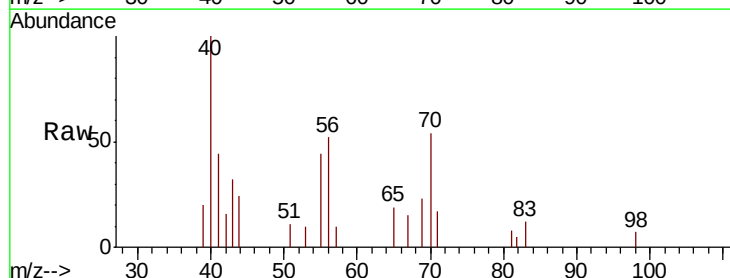
Tgt Ion: 43 Resp: 1946

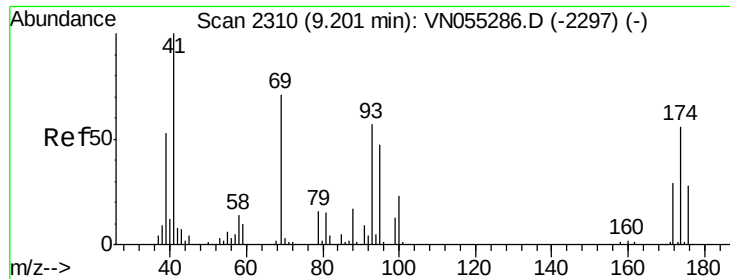
Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 8.5 12.7#

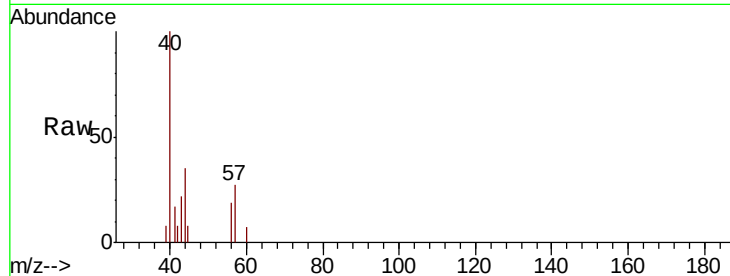




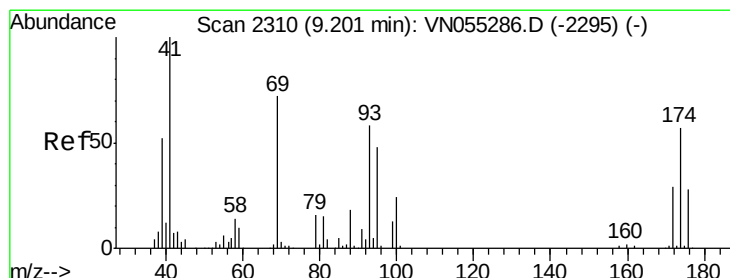
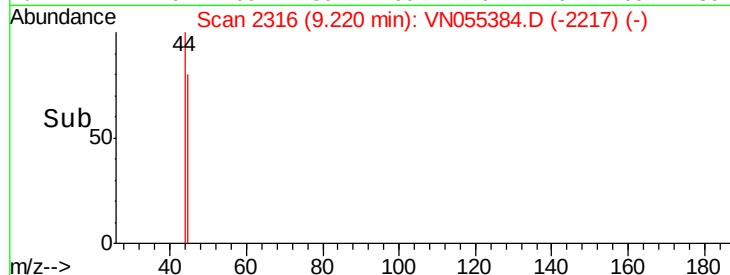
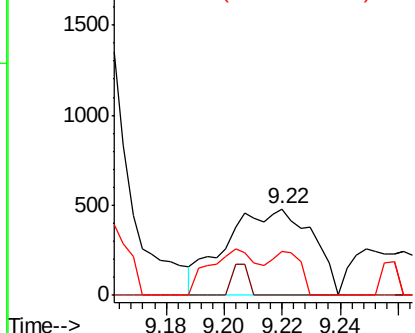
#48
Methyl methacrylate
Concen: 0.224 ug/l
RT: 9.22 min Scan# 2316
Delta R.T. 0.02 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Instrument :
MSVOA_N
ClientSampled :
EP1-SB-E7(17-20)

Tot Ion: 41 Resp: 988
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 17.0 43.8 65.6#

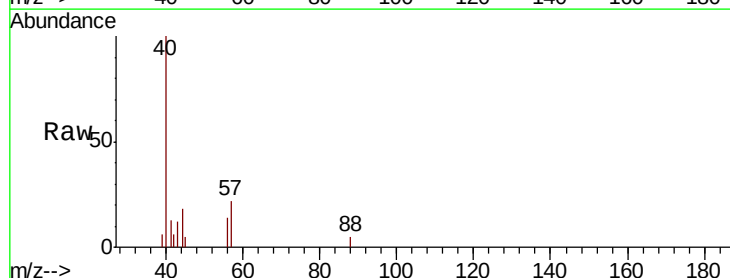


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

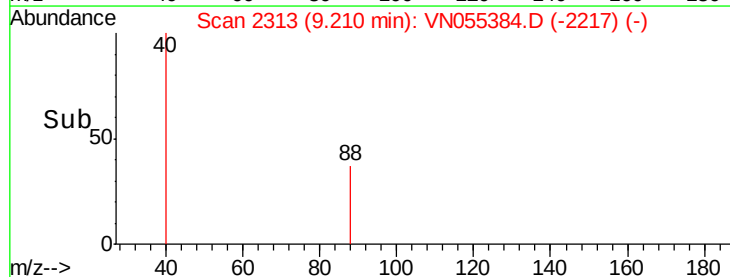
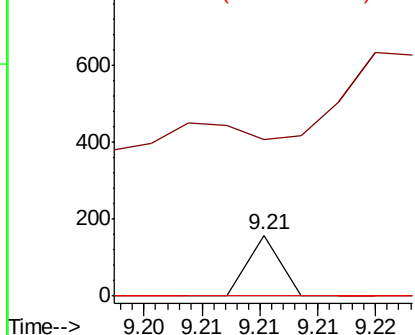


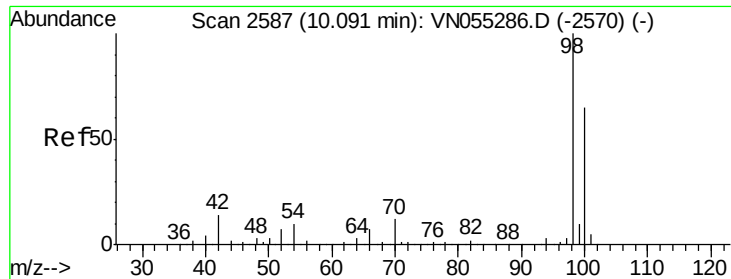
#49
1,4-Dioxane
Concen: 0.657 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 1353.3 33.3 49.9#
58 0.0 62.7 94.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

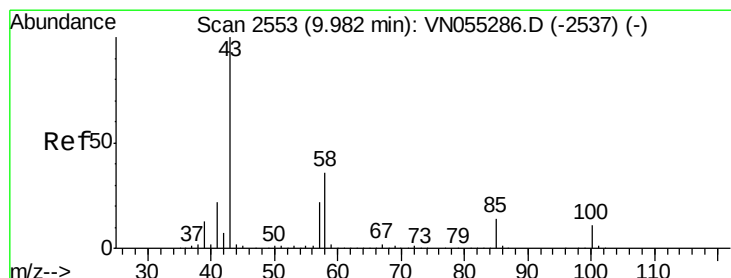
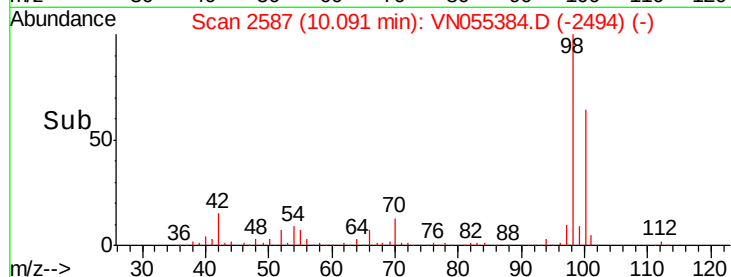
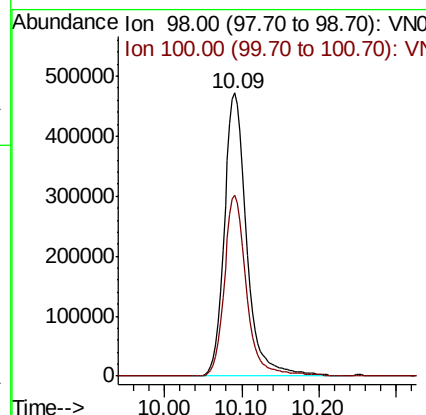
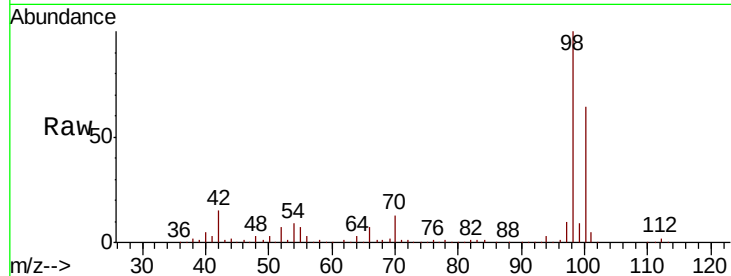




#50
Toluene-d8
Concen: 52.910 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

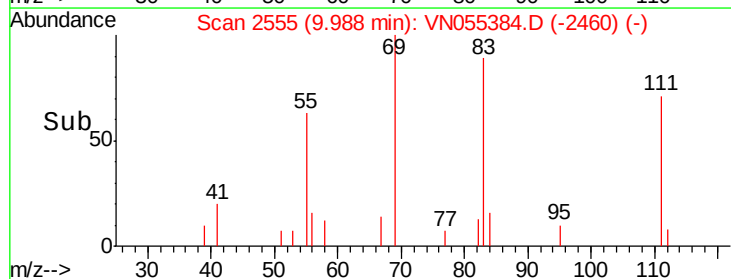
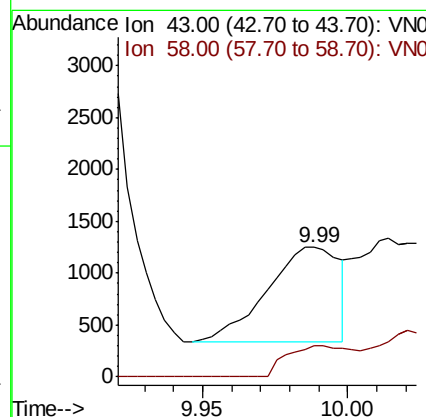
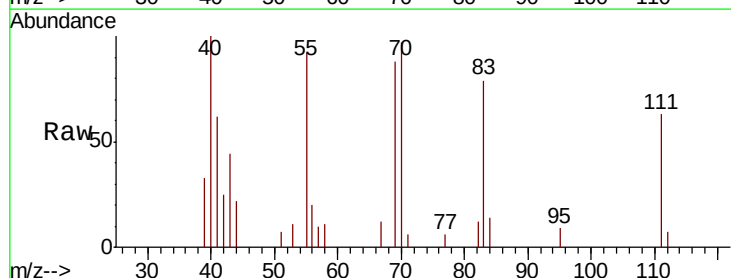
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(17-20)

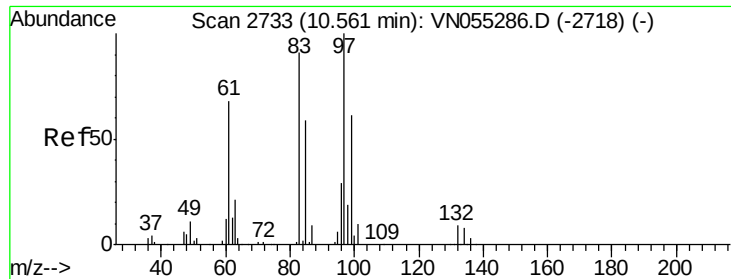
Tot Ion: 98 Resp: 955609
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.309 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.01 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 31.3 28.5 42.7





#55

1,1,2-Trichloroethane

Concen: 17.211 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(17-20)

Tot Ion: 97 Resp: 78908

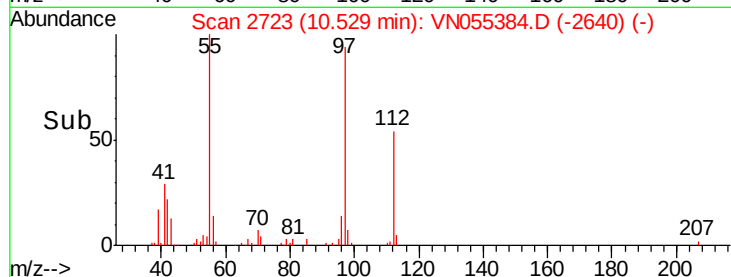
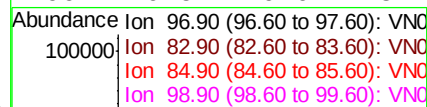
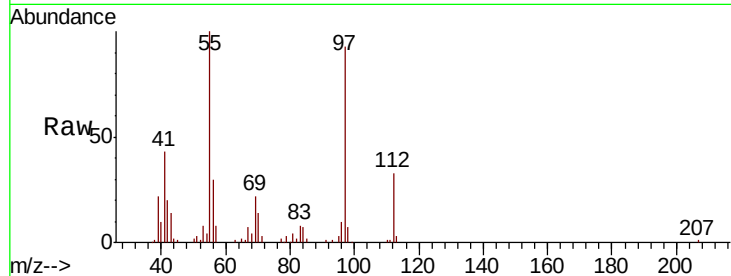
Ion Ratio Lower Upper

97 100

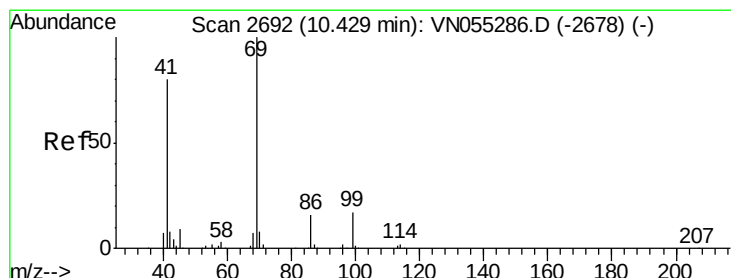
83 8.9 72.8 109.2#

85 2.2 47.0 70.6#

99 0.5 49.0 73.4#



Time-->



#56

Ethyl methacrylate

Concen: 7.466 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

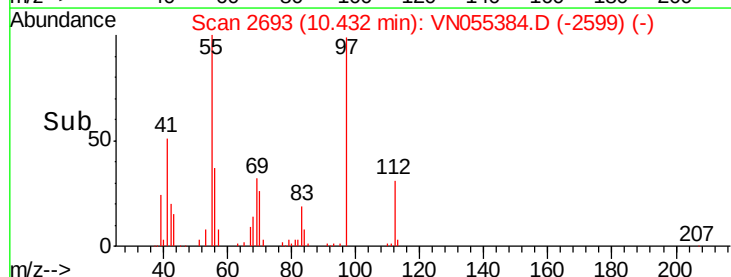
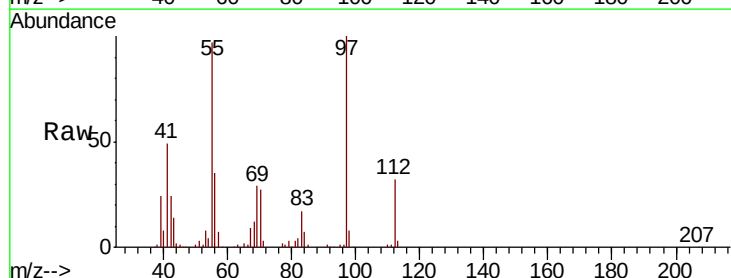
Tgt Ion: 69 Resp: 42132

Ion Ratio Lower Upper

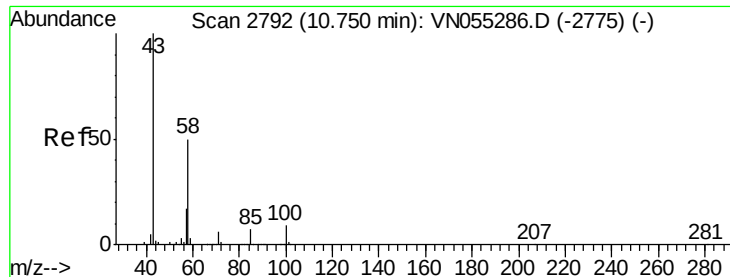
69 100

41 197.5 62.7 94.1#

39 89.5 32.0 48.0#



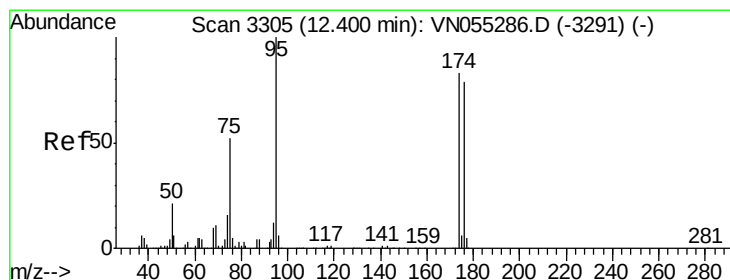
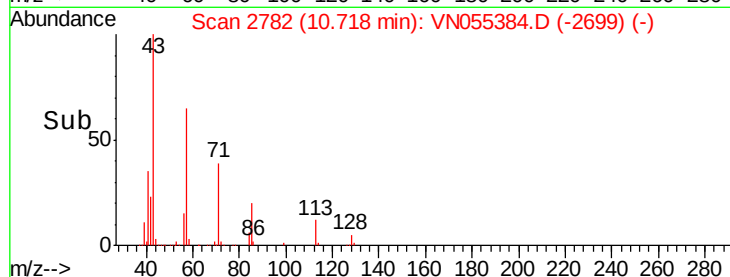
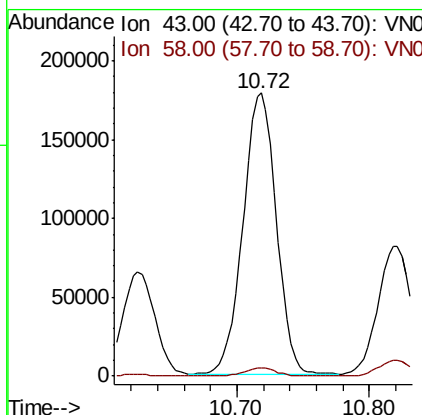
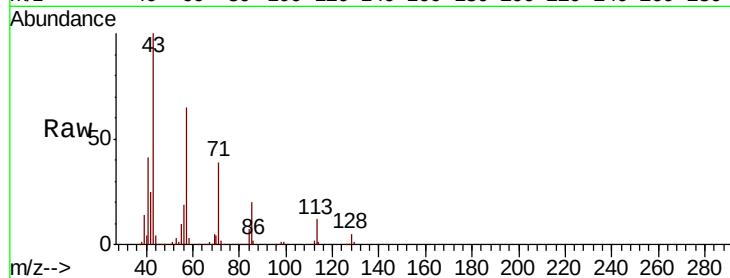
Time-->



#59
2-Hexanone
Concen: 98.060 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

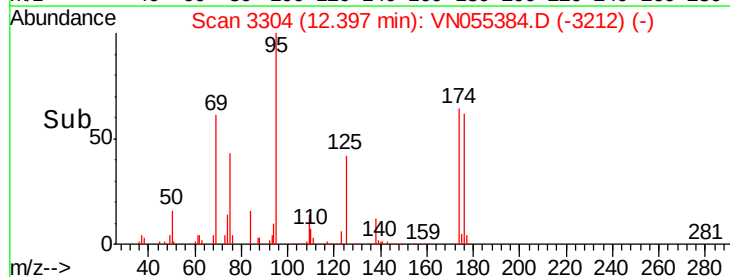
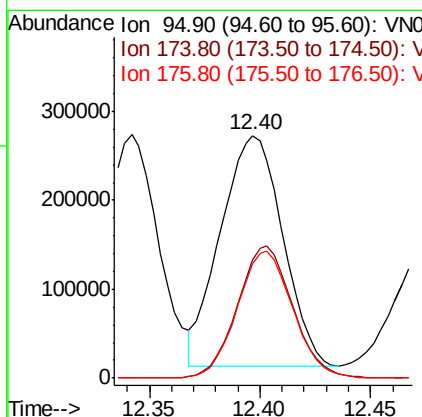
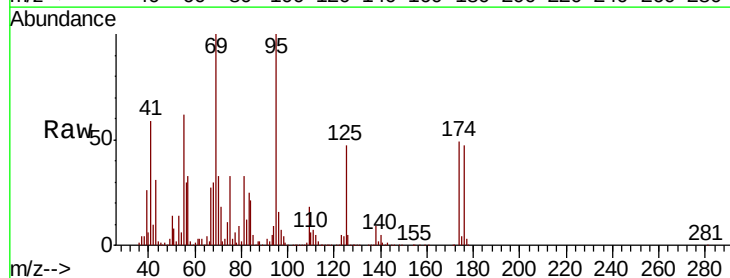
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(17-20)

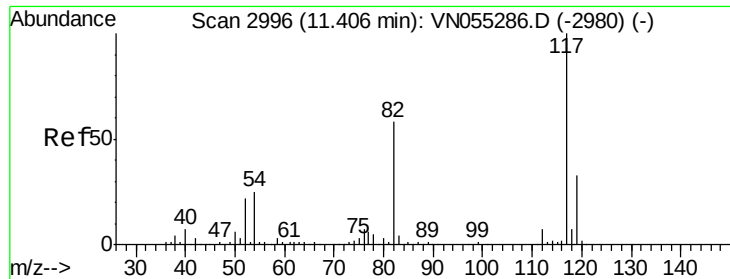
Tot Ion: 43 Resp: 310561
Ion Ratio Lower Upper
43 100
58 2.9 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 89.651 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Tgt Ion: 95 Resp: 506059
Ion Ratio Lower Upper
95 100
174 51.2 0.0 166.6
176 49.3 0.0 157.8

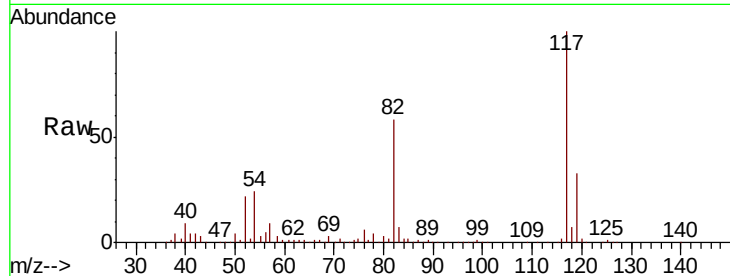




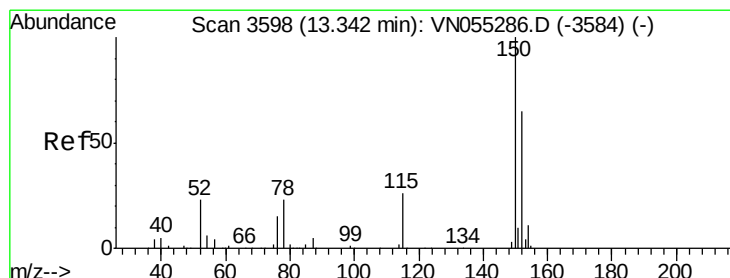
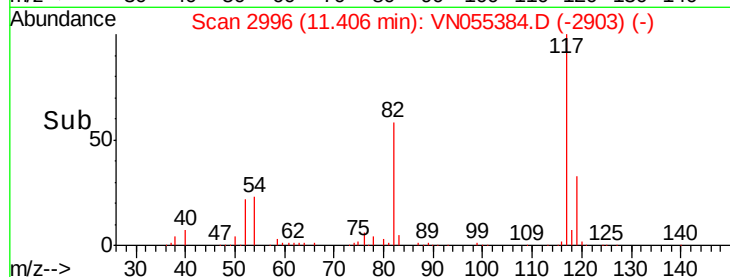
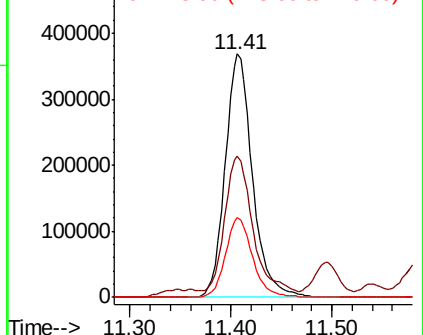
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(17-20)

Tot Ion:117 Resp: 695602
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.8 26.6 40.0

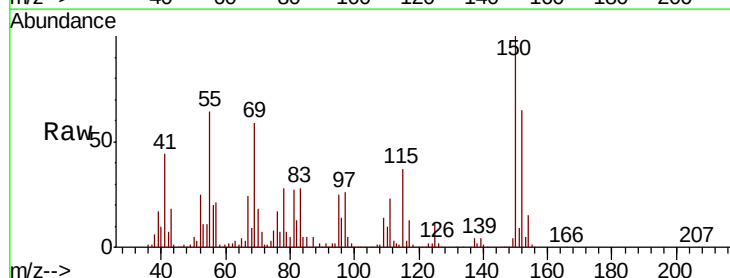


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

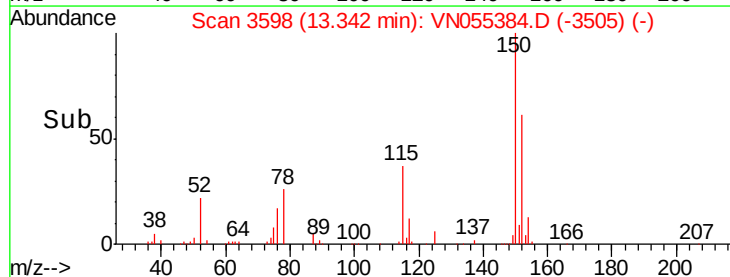
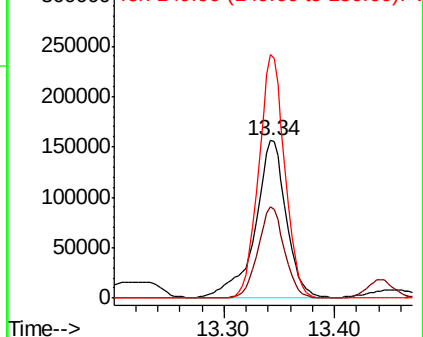


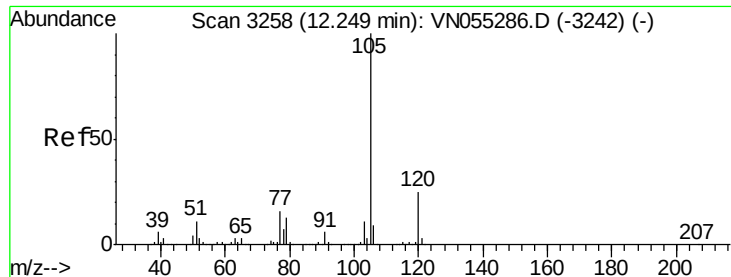
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055384.D
Acq: 3 May 2019 12:52

Tgt Ion:152 Resp: 301969
Ion Ratio Lower Upper
152 100
115 49.3 29.0 87.0
150 130.4 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: 36.838 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

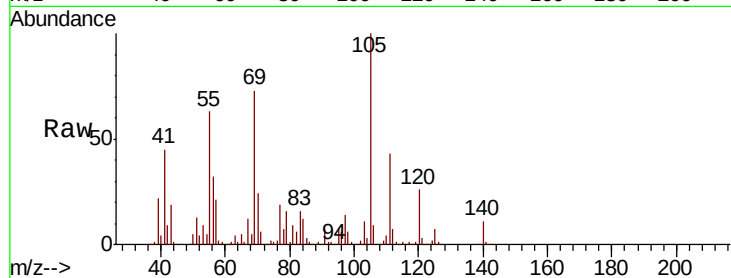
EP1-SB-E7(17-20)

Tot Ion:105 Resp: 905116

Ion Ratio Lower Upper

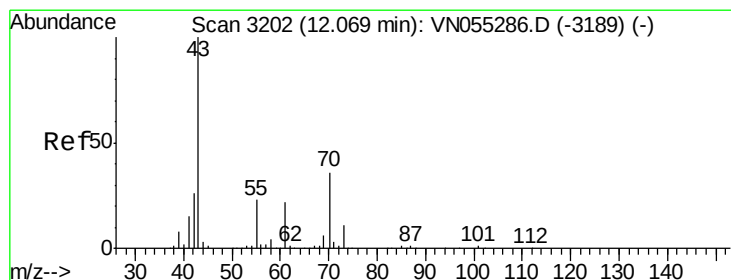
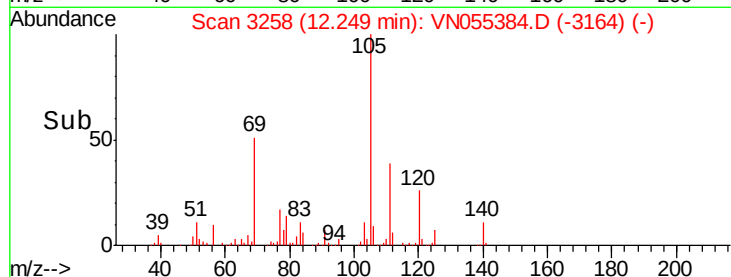
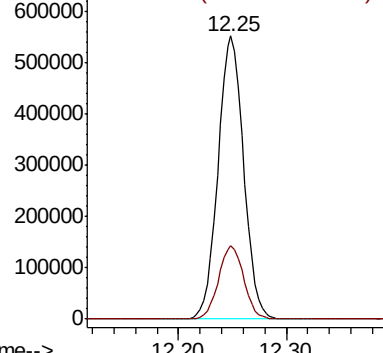
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 261.758 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Tgt Ion: 43 Resp: 2028538

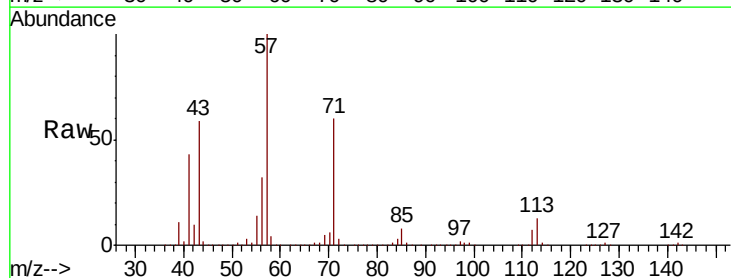
Ion Ratio Lower Upper

43 100

70 8.5 27.9 41.9#

55 8.2 18.2 27.2#

61 0.0 16.9 25.3#

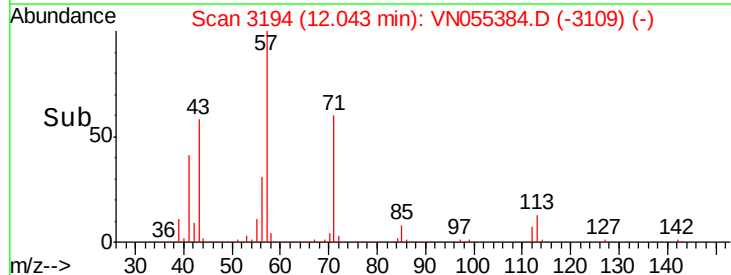
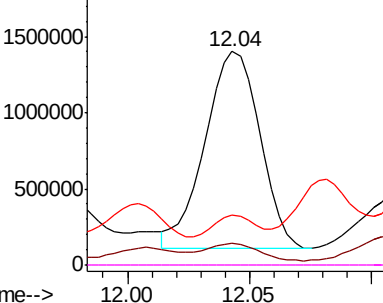


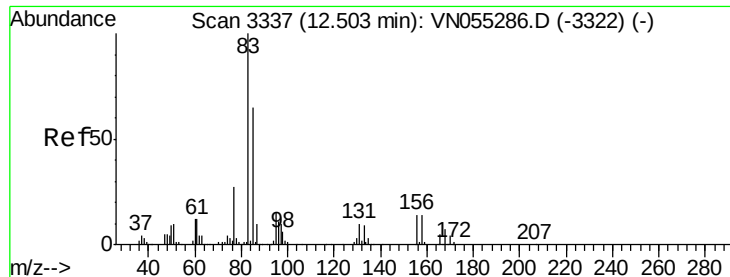
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 26.887 ug/l

RT: 12.47 min Scan# 3327

Delta R.T. -0.03 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(17-20)

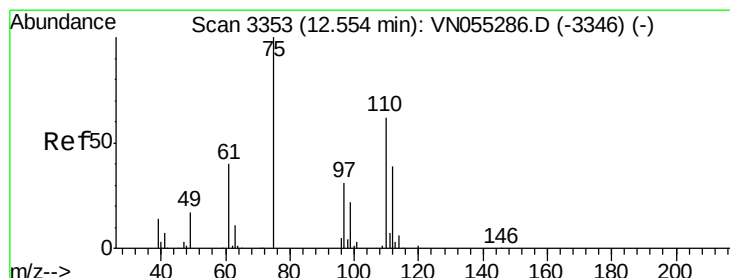
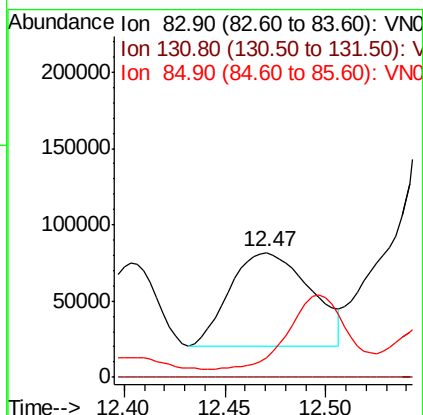
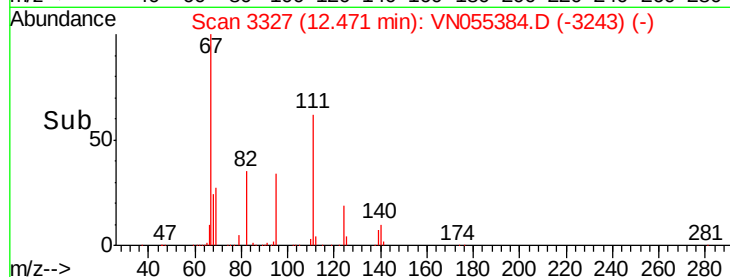
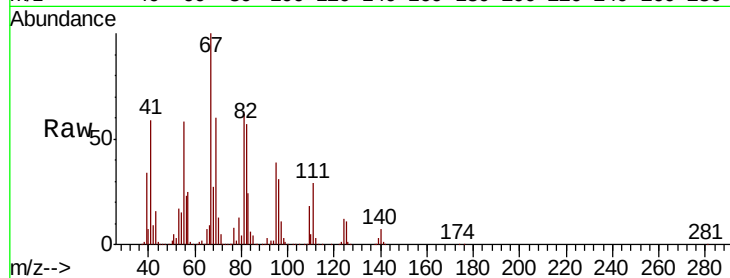
Tot Ion: 83 Resp: 169662

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 0.379 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN055384.D

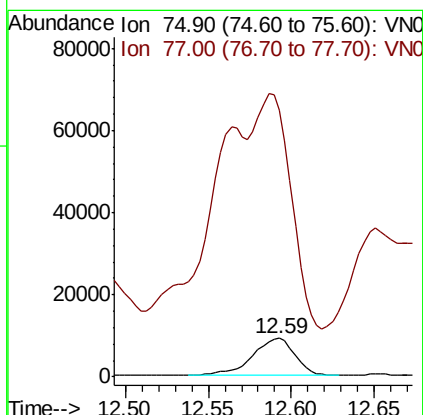
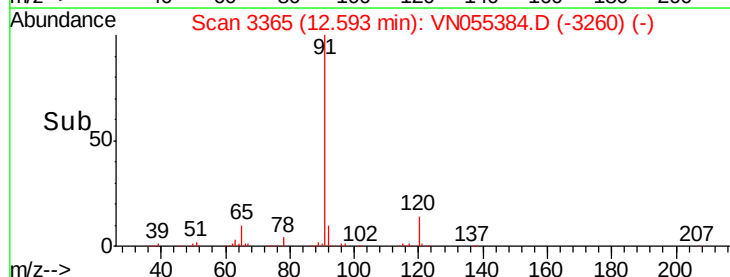
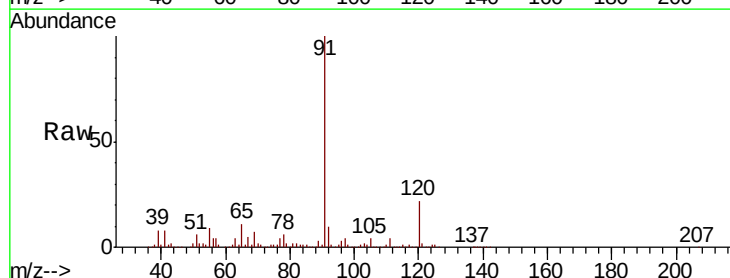
Acq: 3 May 2019 12:52

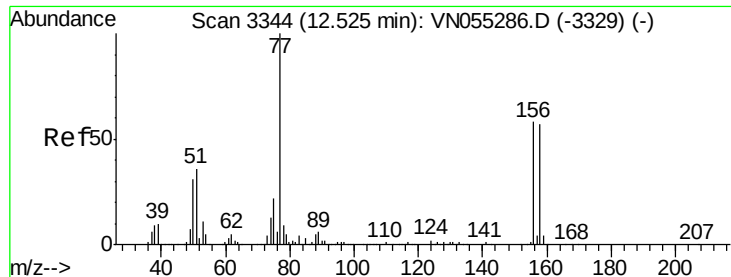
Tgt Ion: 75 Resp: 16150

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.03 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(17-20)

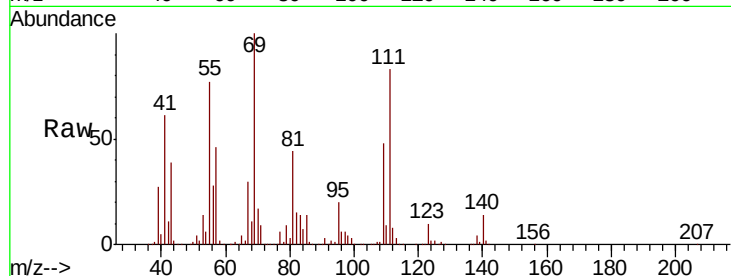
Tot Ion:156 Resp: 968

Ion Ratio Lower Upper

156 100

77 7536.5 99.6 298.8#

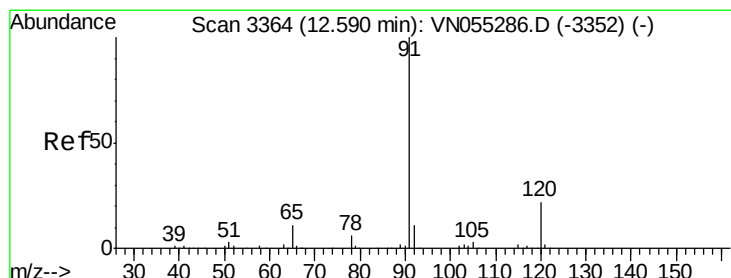
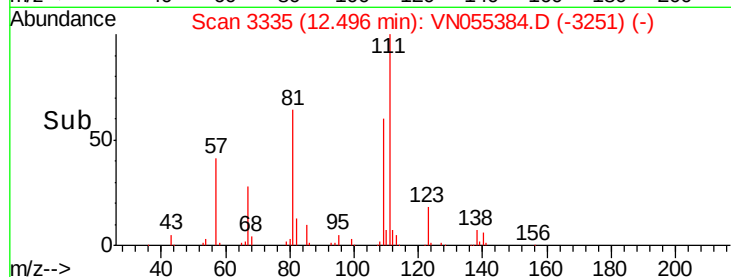
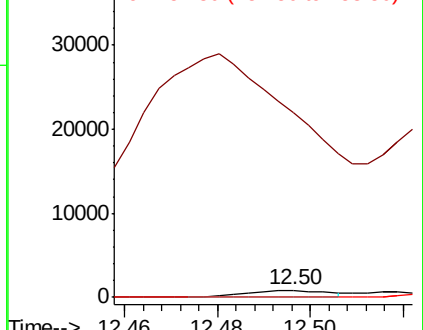
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 83.051 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055384.D

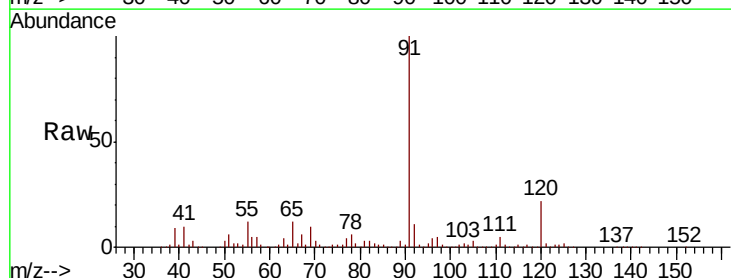
Acq: 3 May 2019 12:52

Tgt Ion: 91 Resp: 2576120

Ion Ratio Lower Upper

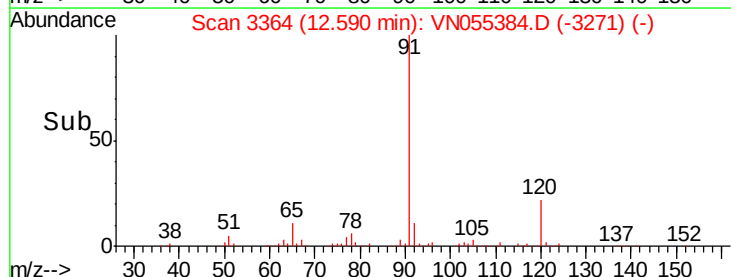
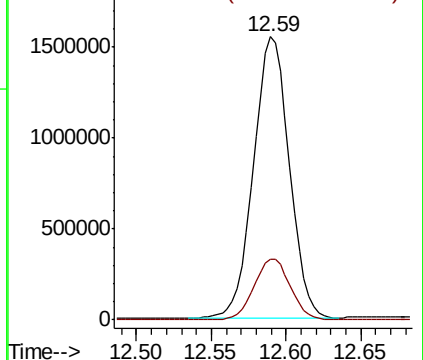
91 100

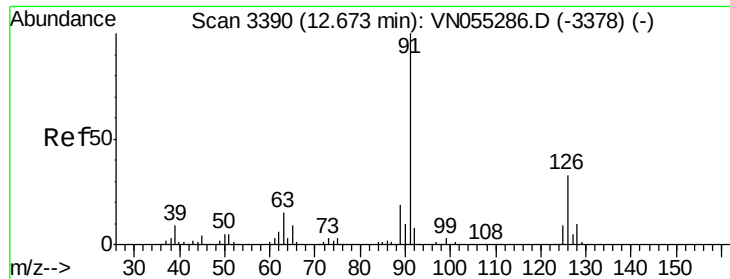
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

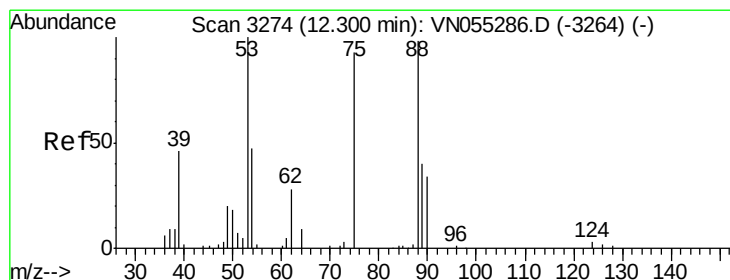
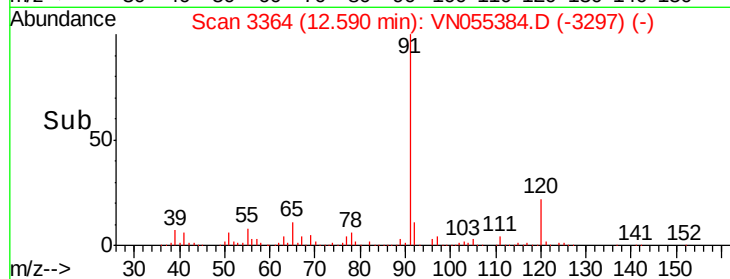
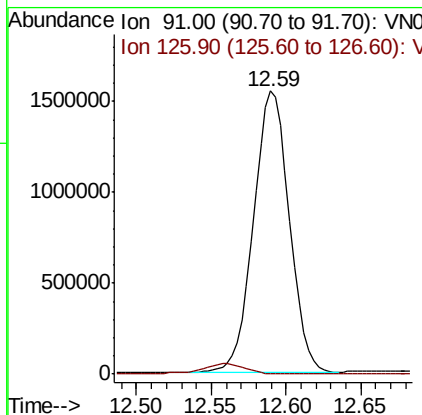
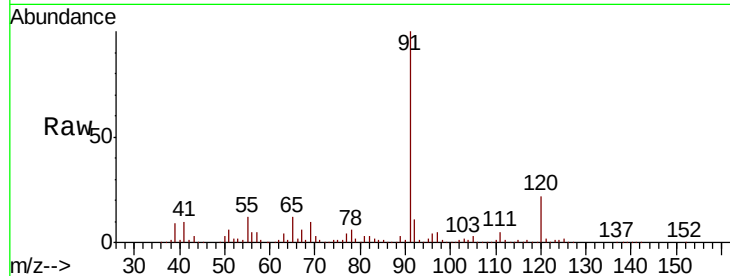




#79
 2-Chlorotoluene
 Concen: 163.454 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.08 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

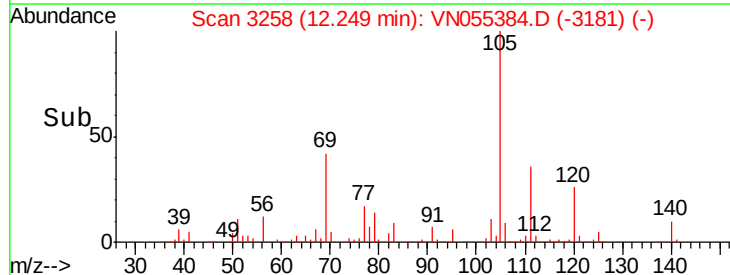
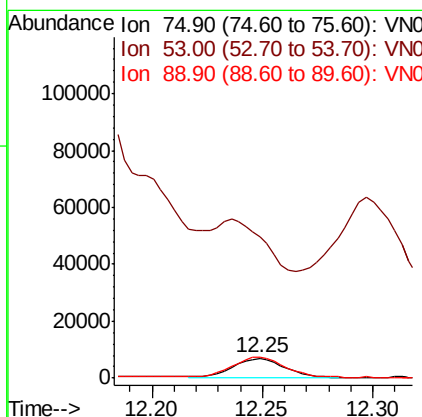
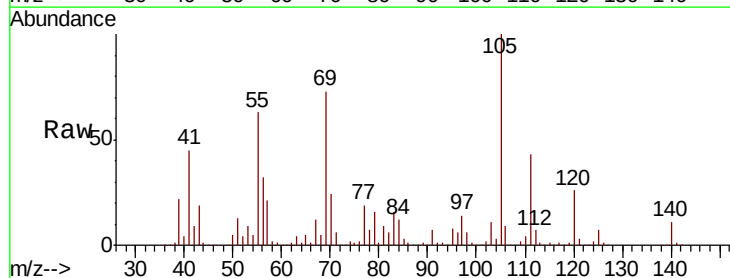
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(17-20)

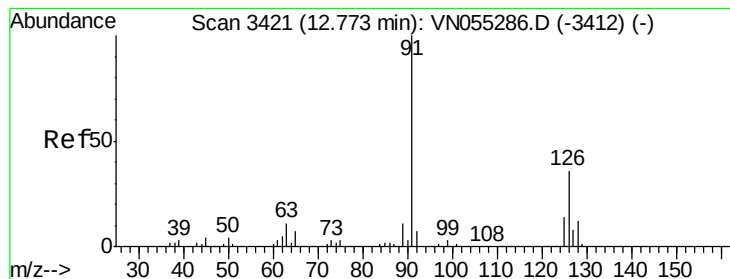
Tot Ion: 91 Resp: 2576120
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.609 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

Tgt Ion: 75 Resp: 10531
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 108.7 34.6 51.8#





#82

4-Chlorotoluene

Concen: 142.838 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

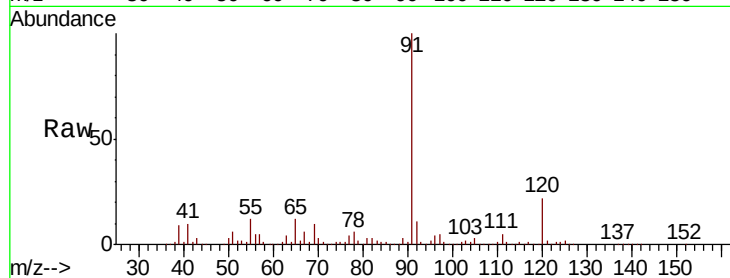
EP1-SB-E7(17-20)

Tot Ion: 91 Resp: 2576120

Ion Ratio Lower Upper

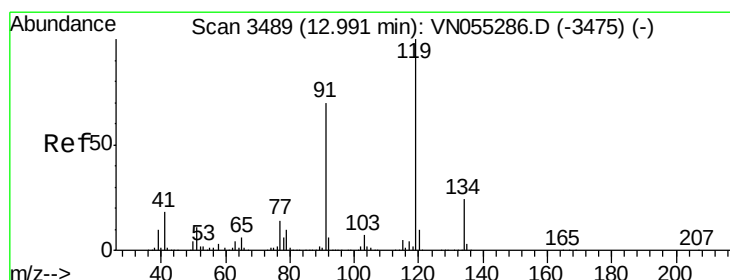
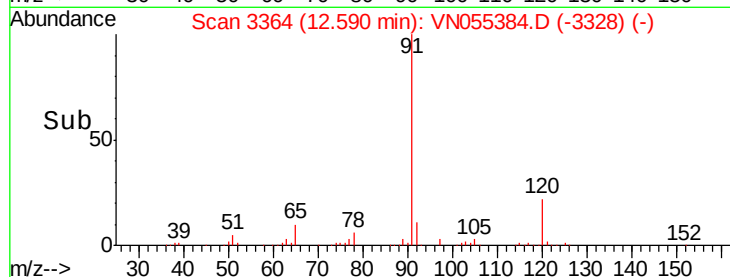
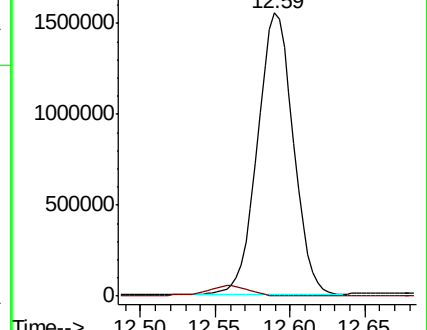
91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN055384.D (-3364) (-)

Ion 125.90 (125.60 to 126.60): VN055384.D (-3364) (-)



#83

tert-Butylbenzene

Concen: 8.596 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

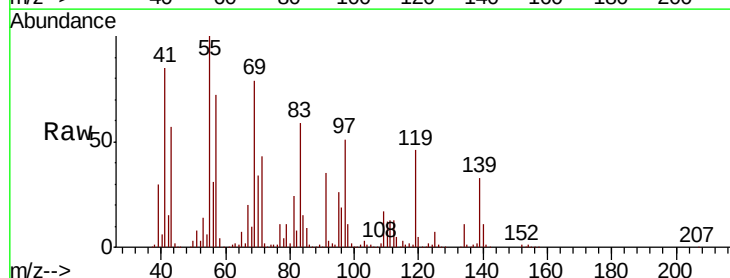
Tgt Ion: 119 Resp: 184418

Ion Ratio Lower Upper

119 100

91 77.8 34.3 102.9

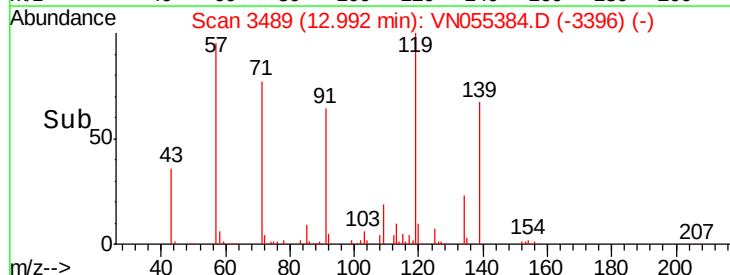
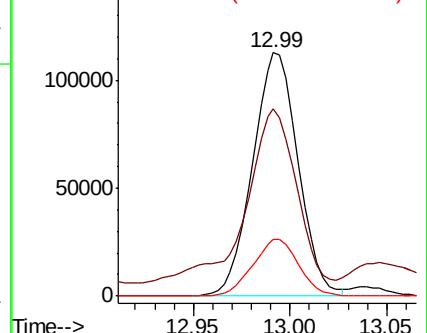
134 23.4 13.1 39.3

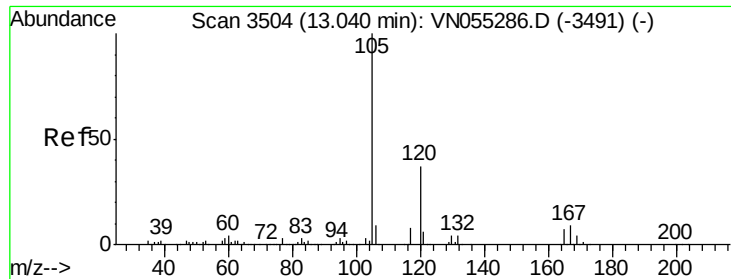


Abundance Ion 119.00 (118.70 to 119.70): VN055384.D (-3489) (-)

Ion 91.00 (90.70 to 91.70): VN055384.D (-3489) (-)

Ion 134.00 (133.70 to 134.70): VN055384.D (-3489) (-)





#84

1,2,4-Trimethylbenzene

Concen: 2.431 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

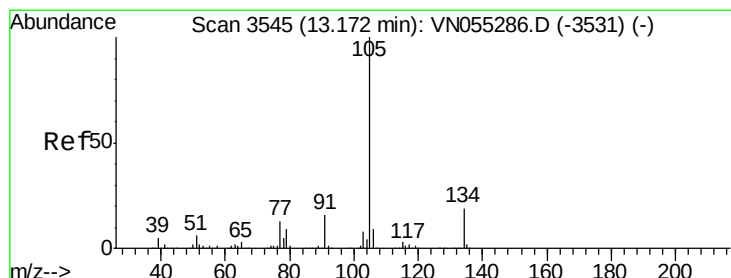
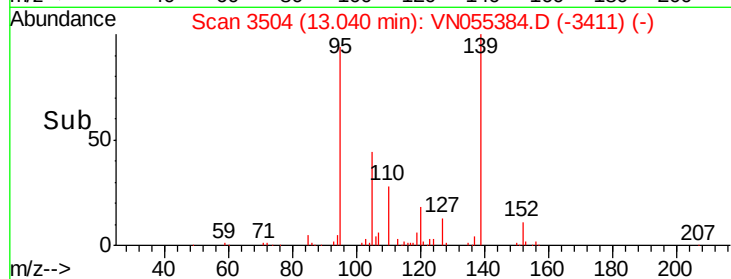
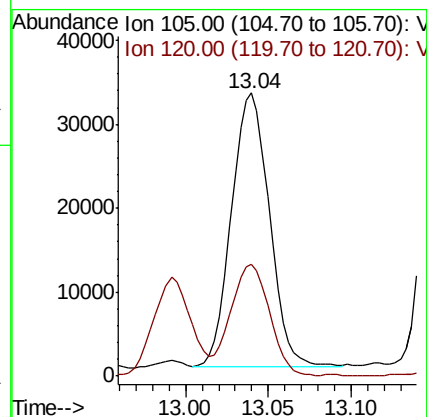
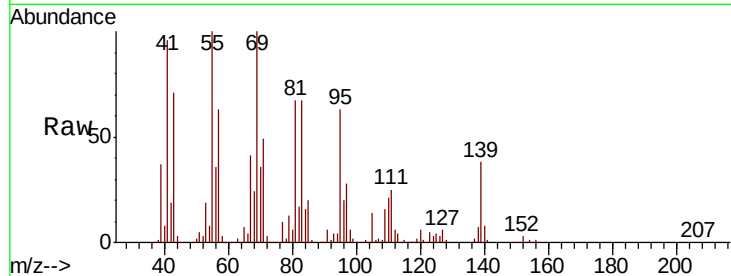
EP1-SB-E7(17-20)

Tot Ion:105 Resp: 51478

Ion Ratio Lower Upper

105 100

120 42.7 22.1 66.5



#85

sec-Butylbenzene

Concen: 47.908 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055384.D

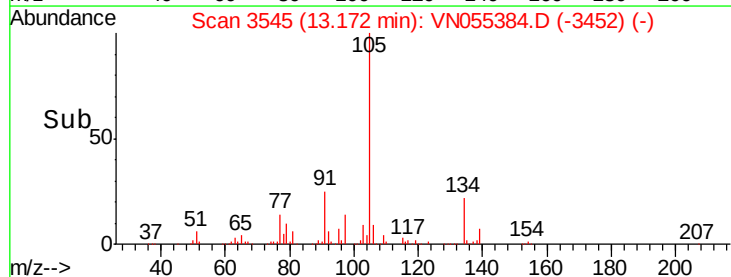
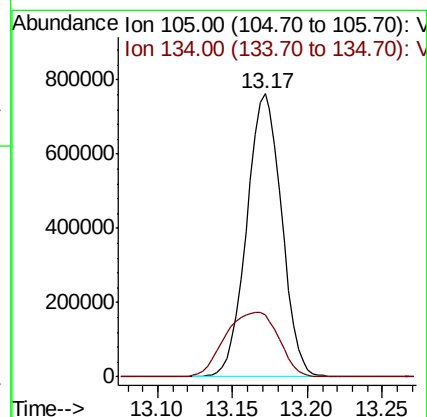
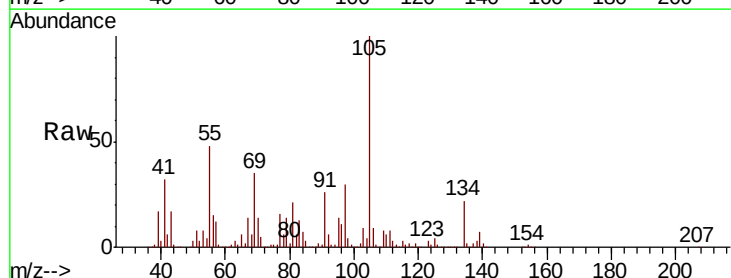
Acq: 3 May 2019 12:52

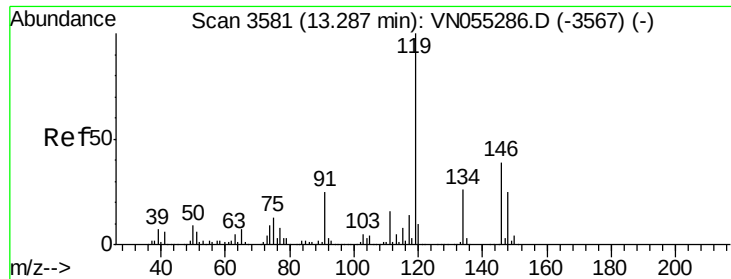
Tgt Ion:105 Resp: 1232701

Ion Ratio Lower Upper

105 100

134 35.1 9.6 28.8#

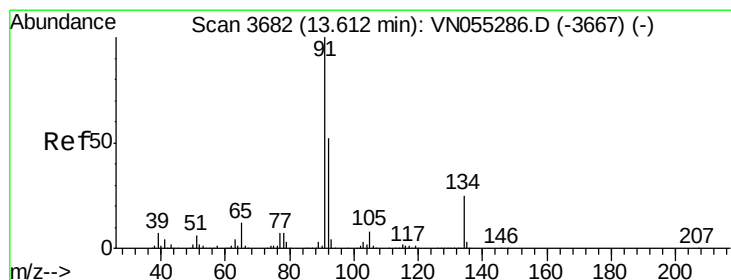
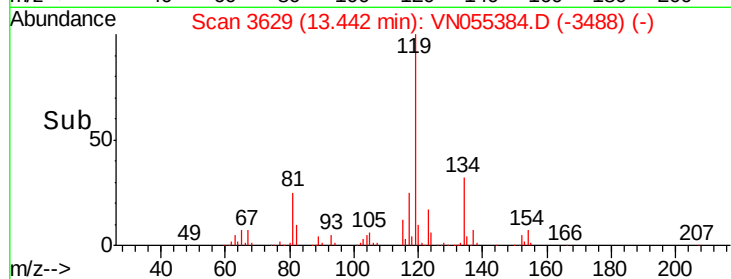
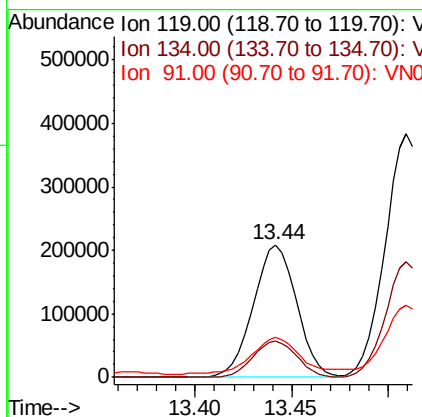
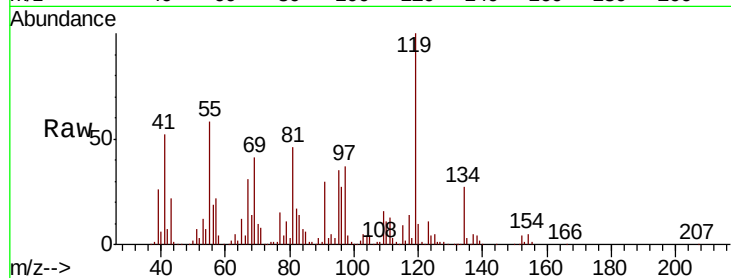




#86
 p-Isopropyltoluene
 Concen: 15.410 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

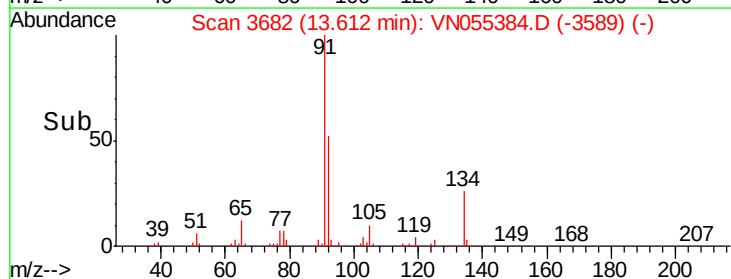
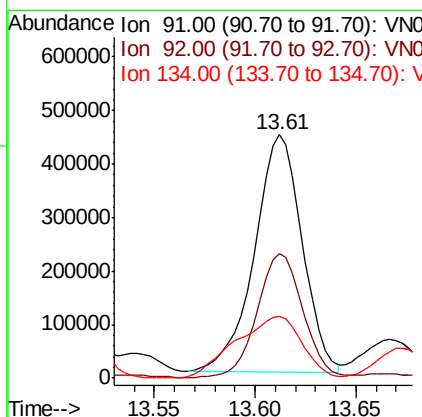
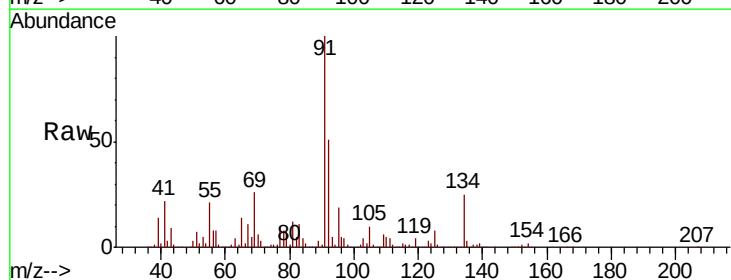
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(17-20)

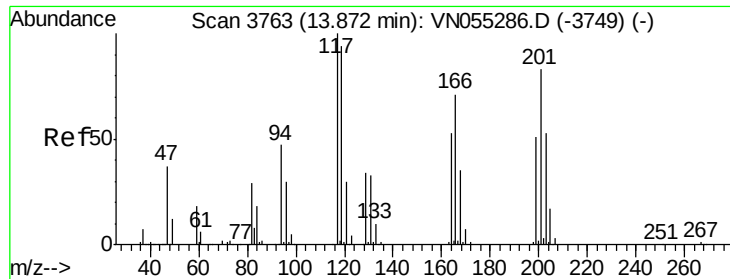
Tot Ion:119 Resp: 325903
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.0 38.9
 91 31.8 12.2 36.6



#89
 n-Butylbenzene
 Concen: 48.767 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

Tgt Ion: 91 Resp: 732866
 Ion Ratio Lower Upper
 91 100
 92 49.6 26.1 78.3
 134 36.0 12.4 37.4





#90

Hexachloroethane

Concen: 44.887 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

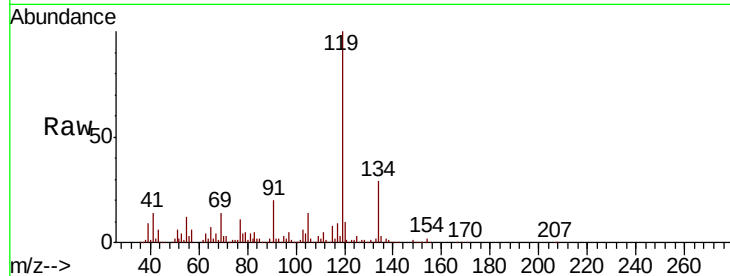
EP1-SB-E7(17-20)

Tot Ion:117 Resp: 150849

Ion Ratio Lower Upper

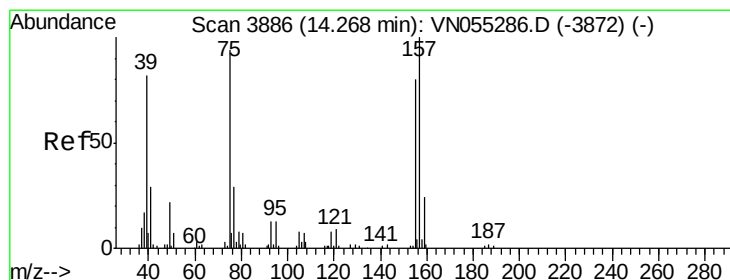
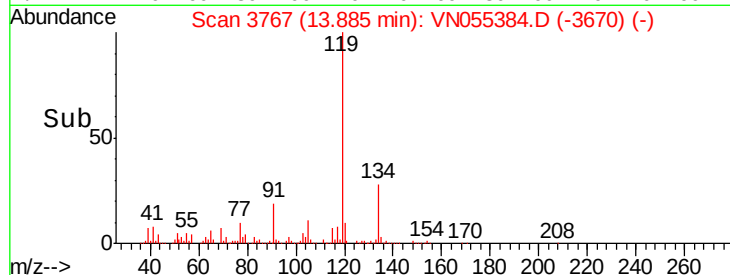
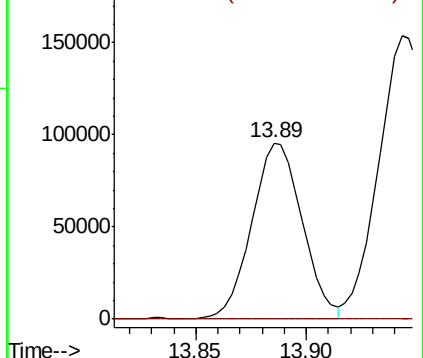
117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.049 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

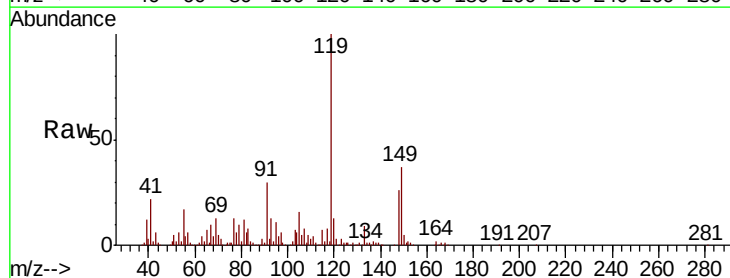
Tgt Ion: 75 Resp: 3217

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

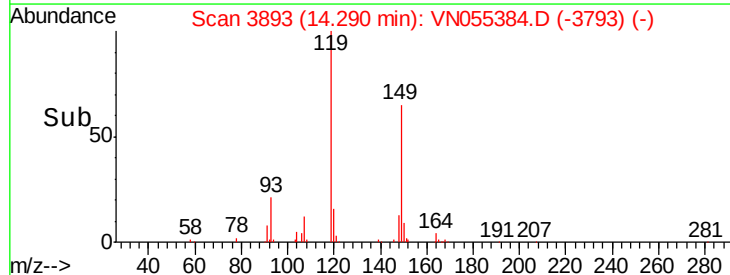
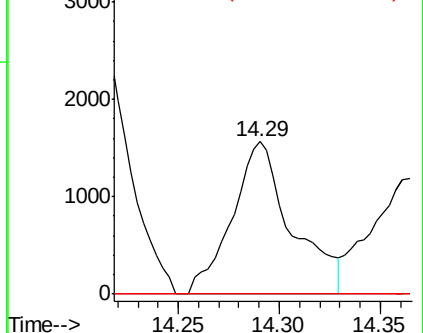
157 0.0 54.0 162.2#

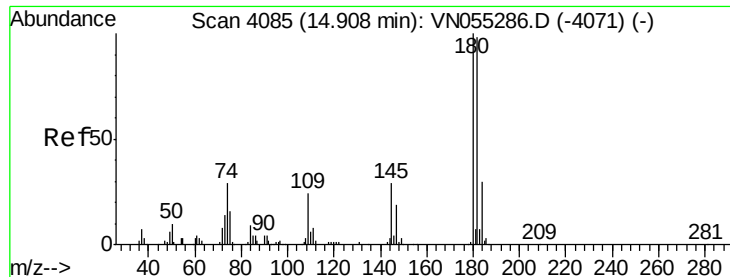


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

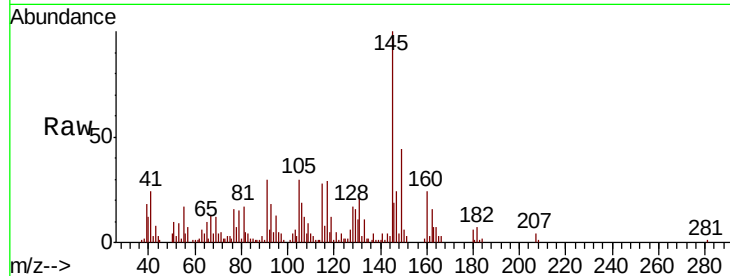




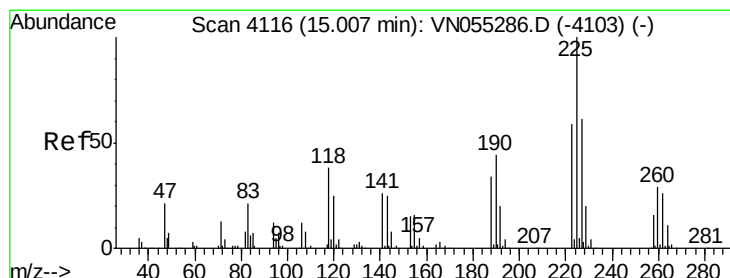
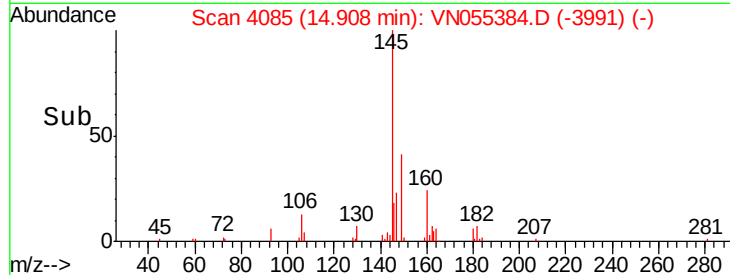
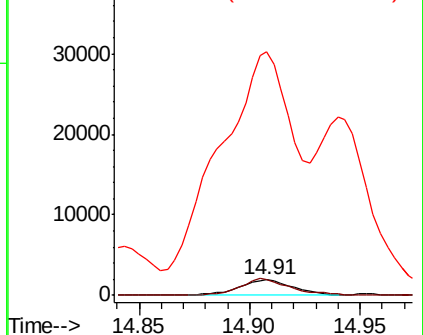
#93
 1,2,4-Trichlorobenzene
 Concen: 4.084 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(17-20)

Tot Ion:180 Resp: 3272
 Ion Ratio Lower Upper
 180 100
 182 99.4 48.3 144.9
 145 2255.7 14.2 42.6#

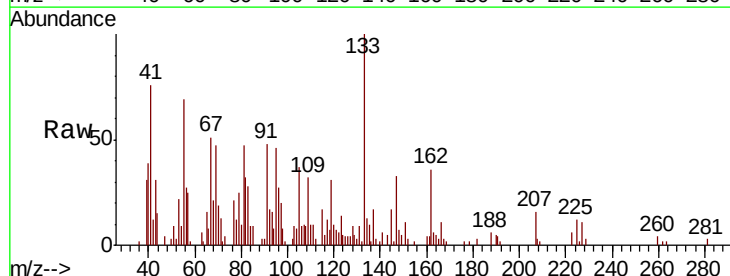


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

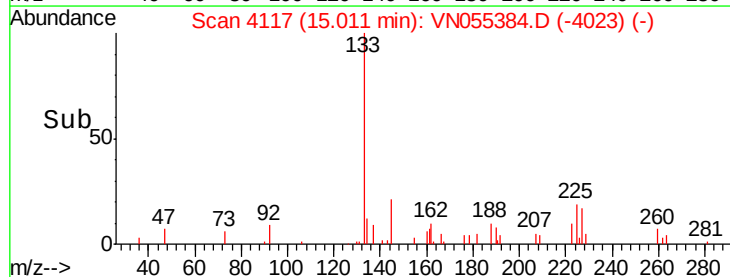
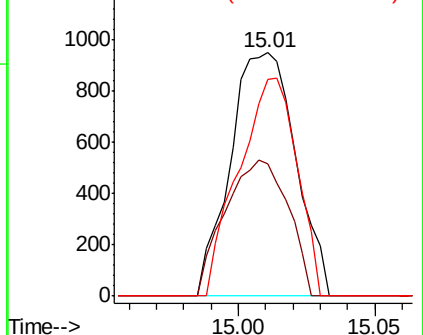


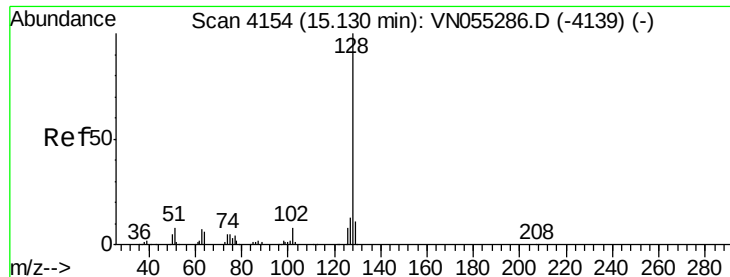
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055384.D
 Acq: 3 May 2019 12:52

Tgt Ion:225 Resp: 1573
 Ion Ratio Lower Upper
 225 100
 223 54.0 30.3 90.8
 227 80.0 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: 4.591 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(17-20)

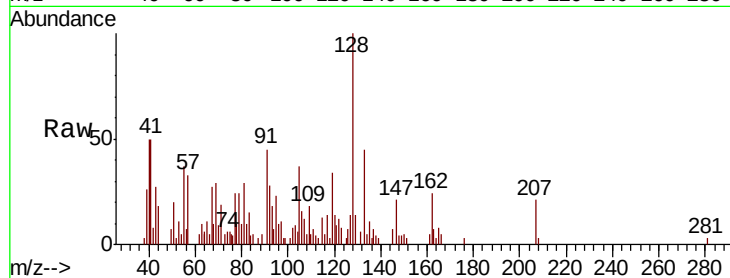
Tot Ion:128 Resp: 11351

Ion Ratio Lower Upper

128 100

127 10.9 10.7 16.1

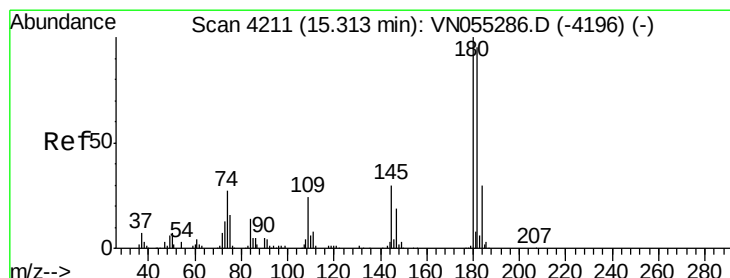
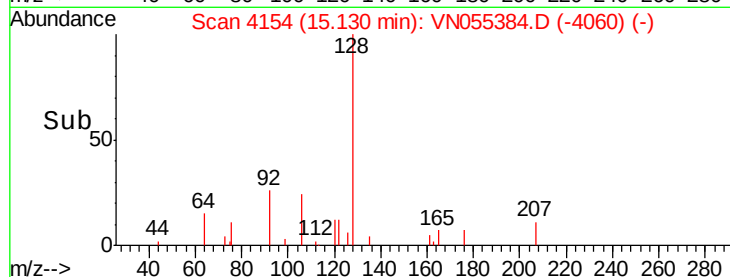
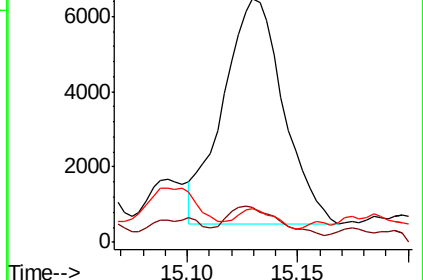
129 5.3 8.6 13.0#



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: 3.632 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055384.D

Acq: 3 May 2019 12:52

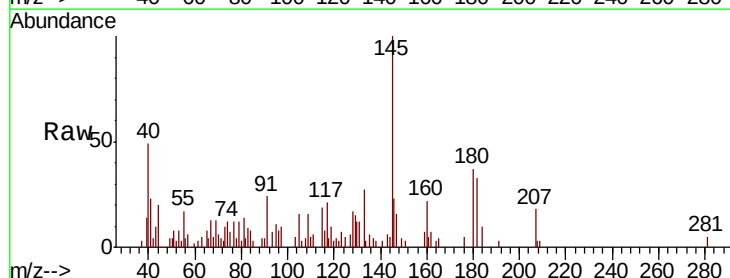
Tgt Ion:180 Resp: 4183

Ion Ratio Lower Upper

180 100

182 88.0 48.3 144.9

145 157.4 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

