

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055353.D
 Acq On : 2 May 2019 16:44
 Operator : JC/SP
 Sample : K2658-09 5X
 Misc : 5.65µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

Quant Time: May 03 01:54:38 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	343539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	600004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297545	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	244051	54.30	ug/l	0.00
Spiked Amount			Recovery	=	108.60%	
35) Dibromofluoromethane	7.59	113	190122	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	10.09	98	796317	56.00	ug/l	0.00
Spiked Amount			Recovery	=	112.00%	
62) 4-Bromofluorobenzene	12.40	95	443081	99.69	ug/l	0.00
Spiked Amount			Recovery	=	199.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	16611	11.862	ug/l	94
31) Cyclohexane	7.66	56	19055	2.695	ug/l #	50
36) 1,1-Dichloropropene	7.67	75	27697	4.819	ug/l #	49
38) Carbon Tetrachloride	7.67	117	33272	6.002	ug/l #	16
39) Methylcyclohexane	9.08	83	101837	16.666	ug/l	98
41) Methacrylonitrile	7.16	41	101	0.782	ug/l #	23
43) Isopropyl Acetate	8.21	43	14401	2.034	ug/l #	56
45) 1,2-Dichloropropane	9.08	63	1249	0.256	ug/l #	1
48) Methyl methacrylate	9.14	41	6391	1.837	ug/l #	44
51) 4-Methyl-2-Pentanone	10.09	43	30795	7.727	ug/l #	82
55) 1,1,2-Trichloroethane	10.53	97	135614	37.569	ug/l #	19
56) Ethyl methacrylate	10.43	69	63945	14.392	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.71	63	97	12.472	ug/l #	52
59) 2-Hexanone	10.72	43	652165	261.538	ug/l #	32
61) 1,2-Dibromoethane	11.00	107	1190	0.357	ug/l #	1
64) Tetrachloroethene	10.63	164	3977	0.830	ug/l #	87
65) Chlorobenzene	11.54	112	29882	2.609	ug/l #	45
67) Ethyl Benzene	11.51	91	1723374	83.332	ug/l	99
68) m/p-Xylenes	11.62	106	2426511	328.712	ug/l	100
69) o-Xylene	11.95	106	165741	22.653	ug/l	87
70) Styrene	11.95	104	8633	0.768	ug/l #	1
71) Bromoform	12.40	173	2833	1.139	ug/l #	1
73) Isopropylbenzene	12.25	105	2840871	124.717	ug/l	100
74) N-ethyl acetate	12.05	43	1446390	189.414	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.46	83	154753	24.637	ug/l #	70
76) 1,2,3-Trichloropropane	12.59	75	52131	7.275	ug/l #	100
77) Bromobenzene	12.49	156	366	Below Cal	#	1
78) n-propylbenzene	12.59	91	8053811	263.506	ug/l	99
79) 2-Chlorotoluene	12.66	91	2072184	132.918	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	12454957	533.939	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.25	75	34922	22.242	ug/l #	54
82) 4-Chlorotoluene	12.73	91	1436951	80.859	ug/l #	45
83) tert-Butylbenzene	12.99	119	485072	28.104	ug/l	96
84) 1,2,4-Trimethylbenzene	12.89	105	6187881	296.609	ug/l	78

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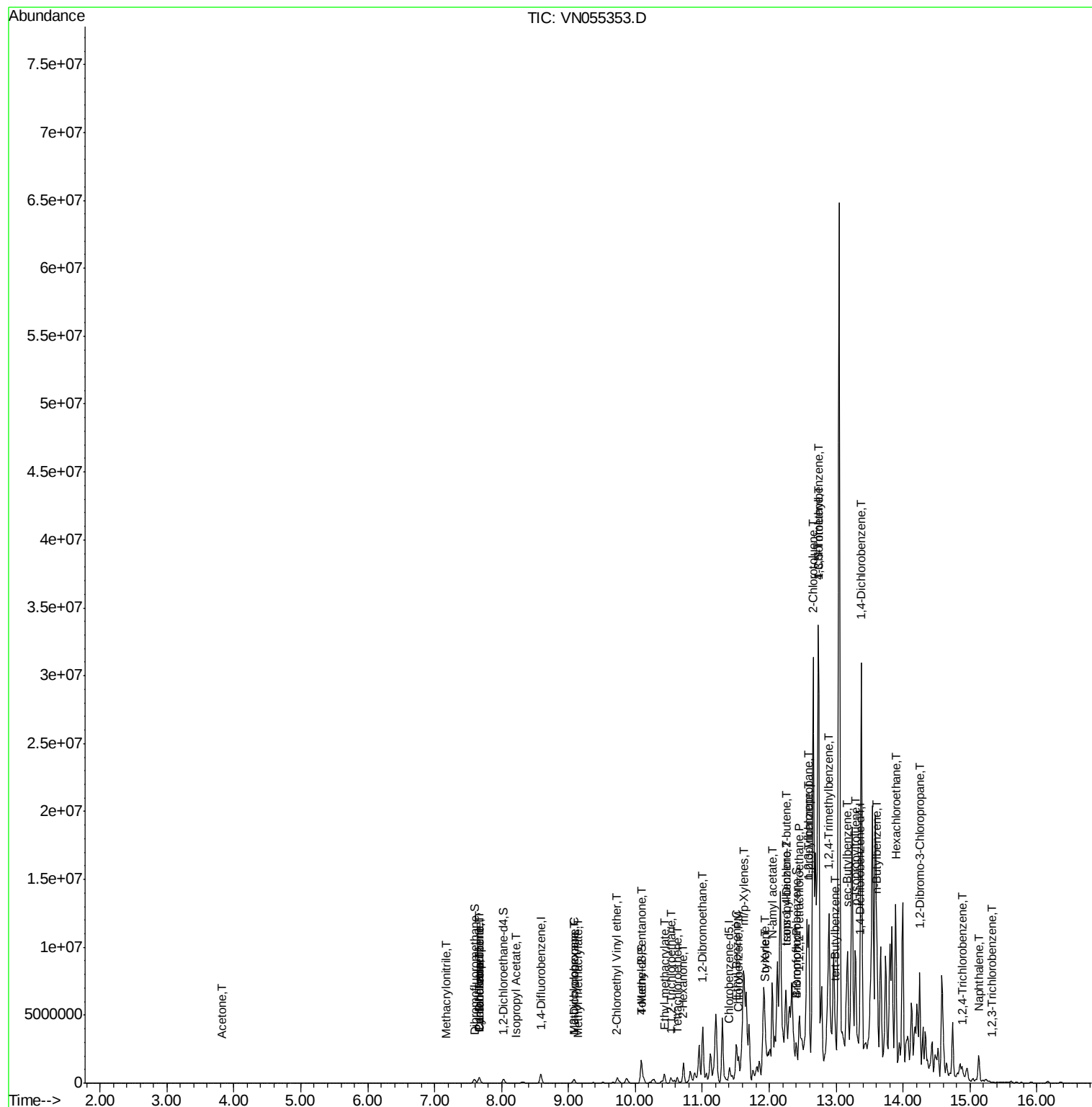
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.17	105	3939373	155.376	ug/l #	75
86) p-Isopropyltoluene	13.29	119	3555724	170.631	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2115	0.226	ug/l #	1
89) n-Butylbenzene	13.62	91	3769069	254.536	ug/l #	79
90) Hexachloroethane	13.89	117	506682	156.932	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30365	38.791	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	218	3.363	ug/l #	1
95) Naphthalene	15.13	128	1581513	181.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.34	180	30	2.620	ug/l #	12

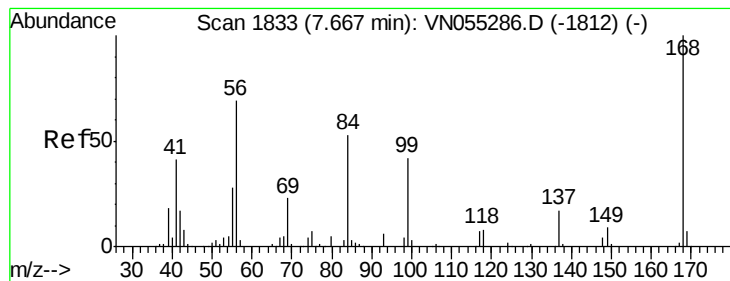
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

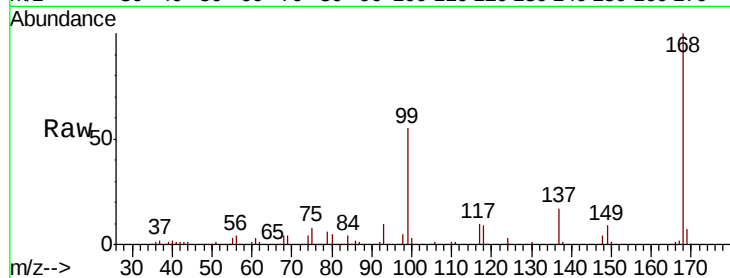
EP1-SB-E2-3(14-17)

Tot Ion:168 Resp: 343539

Ion Ratio Lower Upper

168 100

99 55.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

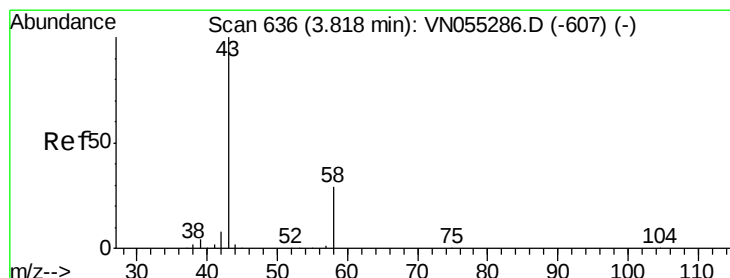
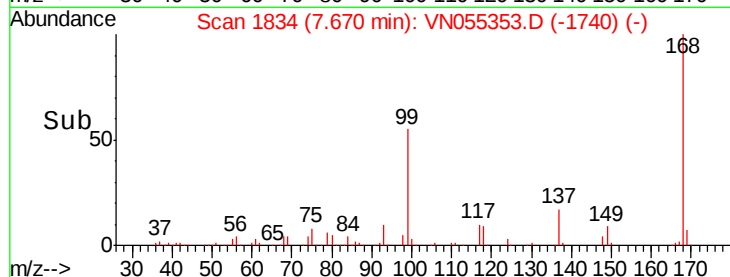
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.862 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055353.D

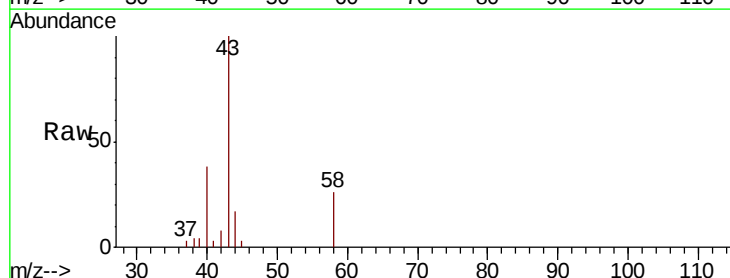
Acq: 2 May 2019 16:44

Tgt Ion: 43 Resp: 16611

Ion Ratio Lower Upper

43 100

58 26.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

6000

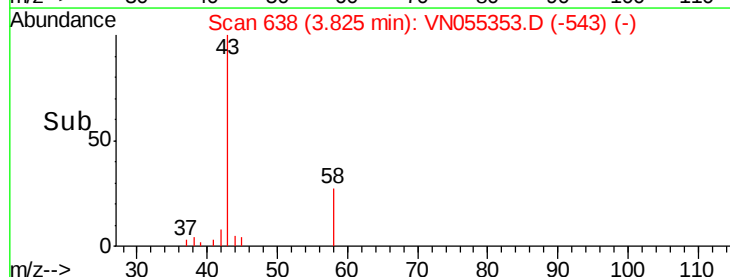
4000

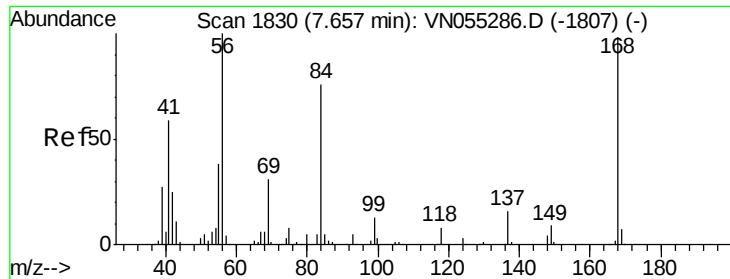
2000

0

3.75 3.80 3.85 3.90

Time-->

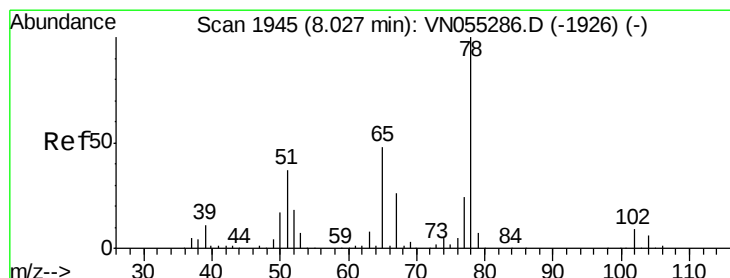
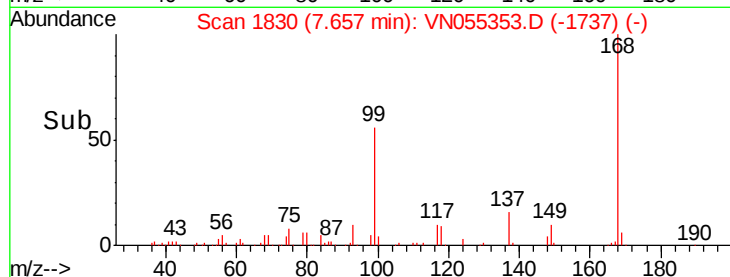
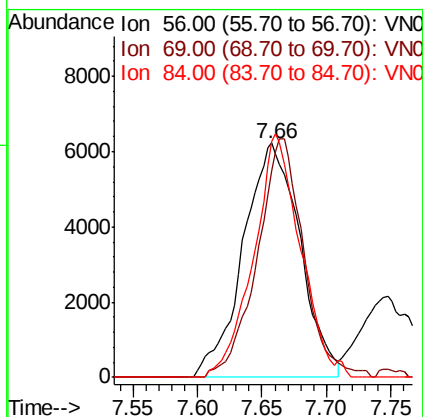
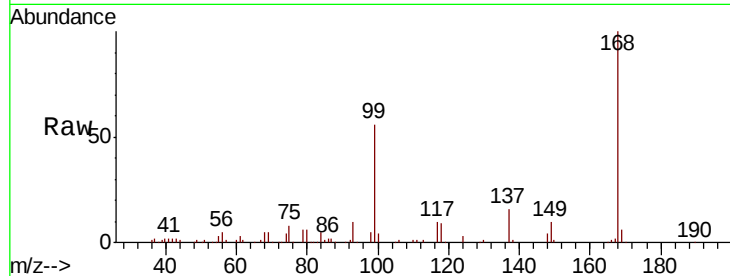




#31
Cyclohexane
Concen: 2.695 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

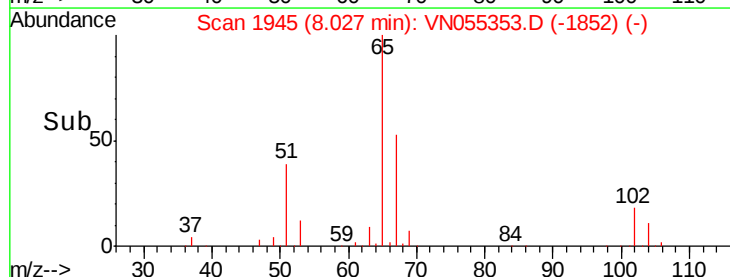
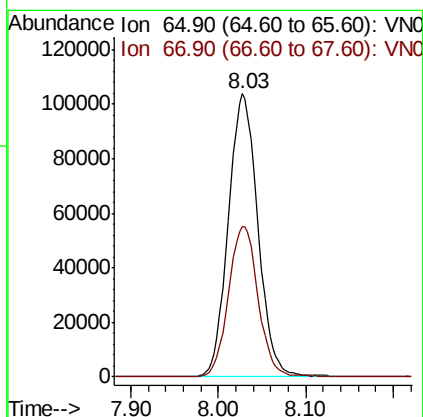
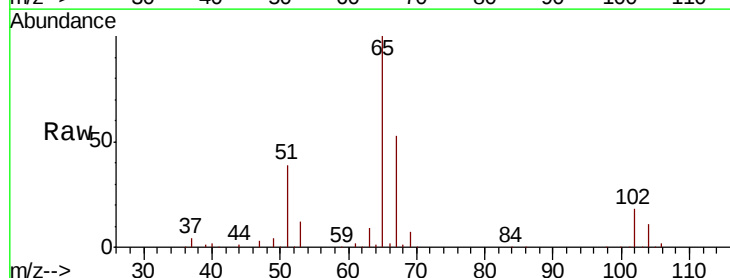
Instrument :
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EP1-SB-E2-3(14-17)

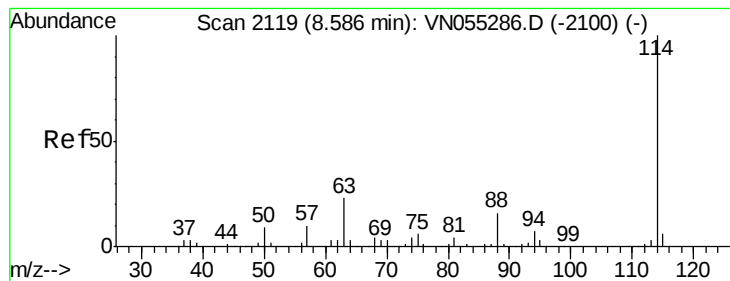
Tot Ion: 56 Resp: 19055
Ion Ratio Lower Upper
56 100
69 87.9 25.2 37.8#
84 100.5 61.1 91.7#



#33
1,2-Dichloroethane-d4
Concen: 54.303 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion: 65 Resp: 244051
Ion Ratio Lower Upper
65 100
67 53.2 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: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

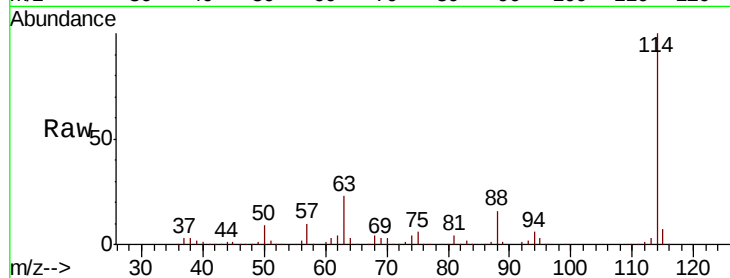
Tot Ion:114 Resp: 600004

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

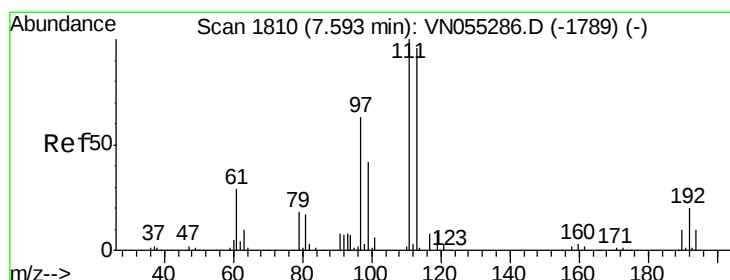
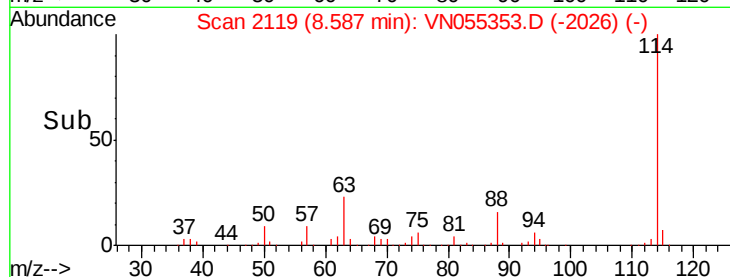
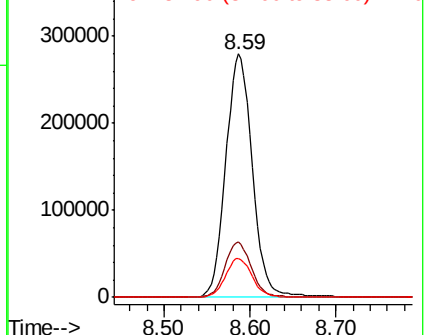
88 16.0 0.0 31.6



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



#35

Dibromofluoromethane

Concen: 48.276 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

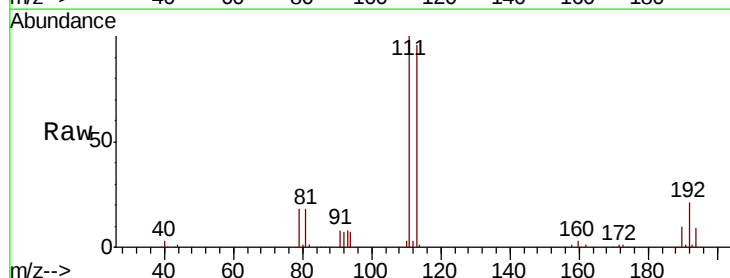
Tgt Ion:113 Resp: 190122

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

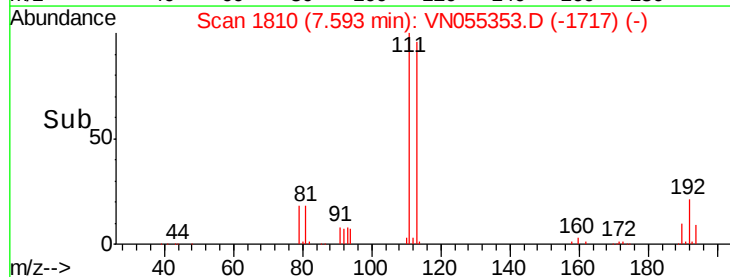
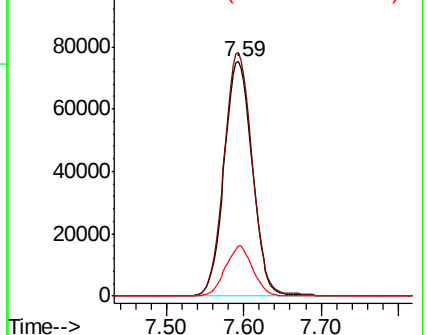
192 20.7 17.0 25.6

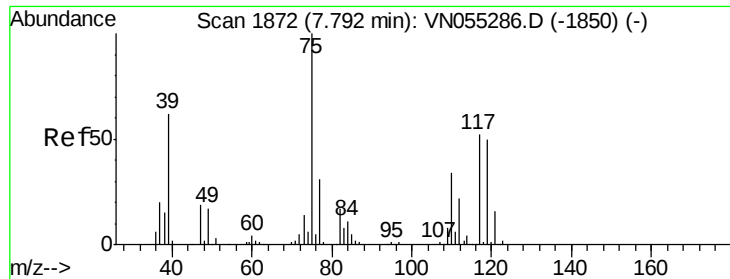


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

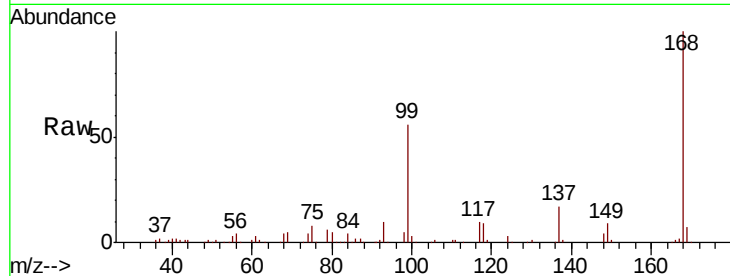




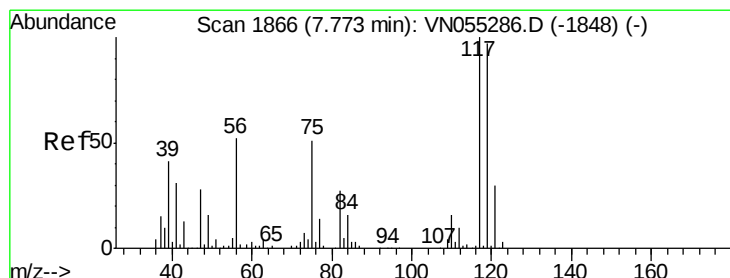
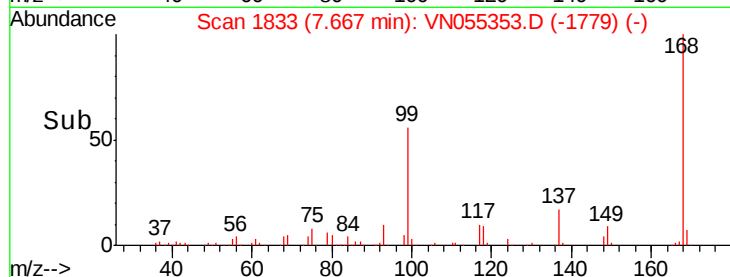
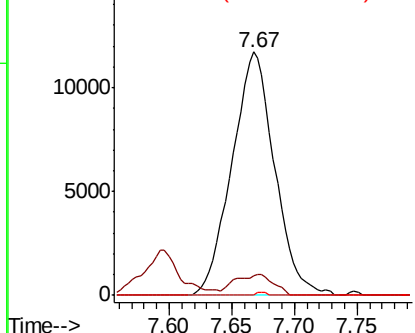
#36
 1,1-Dichloropropene
 Concen: 4.819 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

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Tot Ion: 75 Resp: 27697
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.8 50.4#
 77 0.3 25.0 37.6#

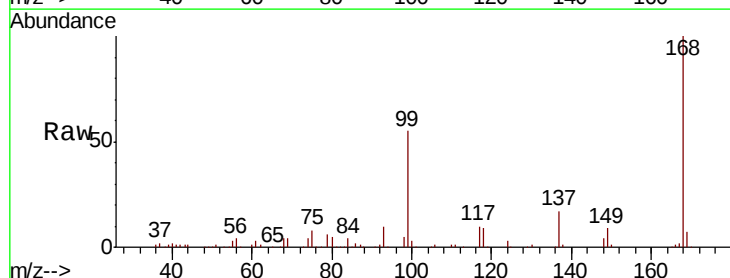


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

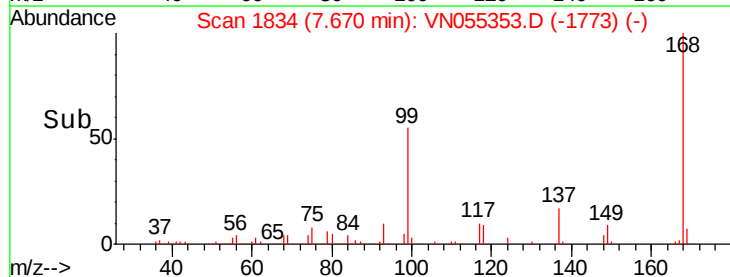
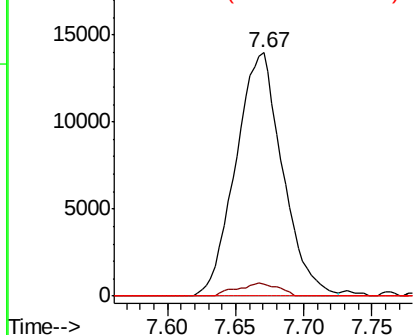


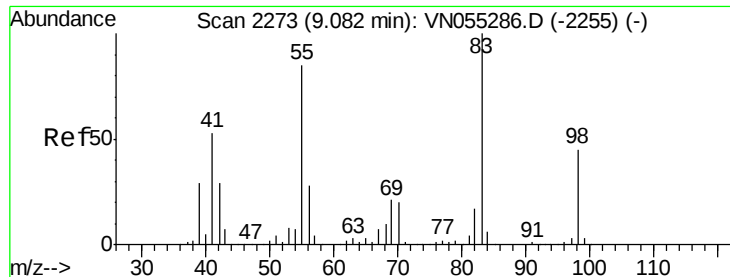
#38
 Carbon Tetrachloride
 Concen: 6.002 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.10 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Tgt Ion: 117 Resp: 33272
 Ion Ratio Lower Upper
 117 100
 119 4.7 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

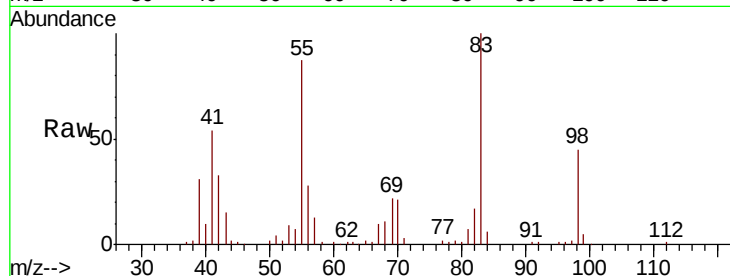




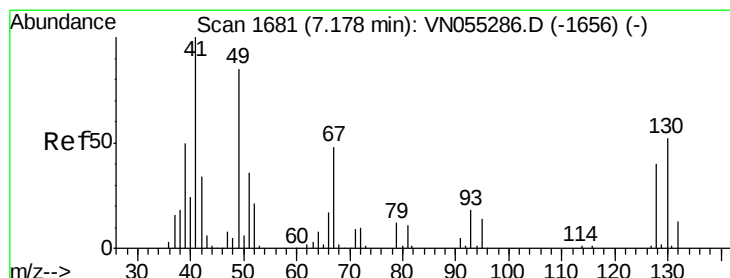
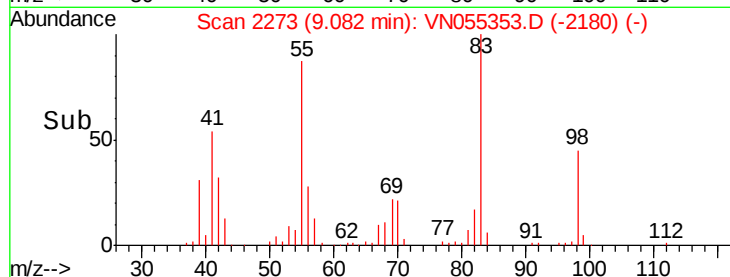
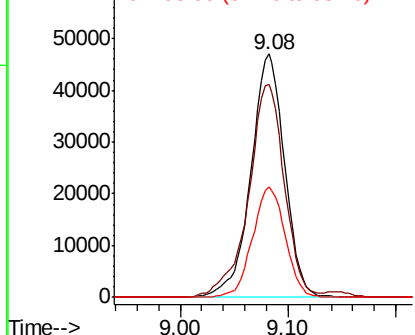
#39
Methvlcvclohexane
Concen: 16.666 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

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Tot Ion: 83 Resp: 101837
Ion Ratio Lower Upper
83 100
55 87.4 67.8 101.6
98 45.4 36.2 54.4

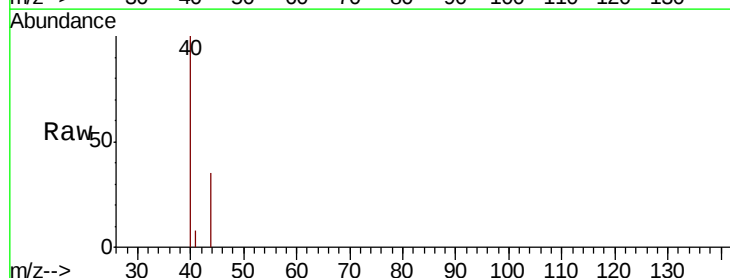


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

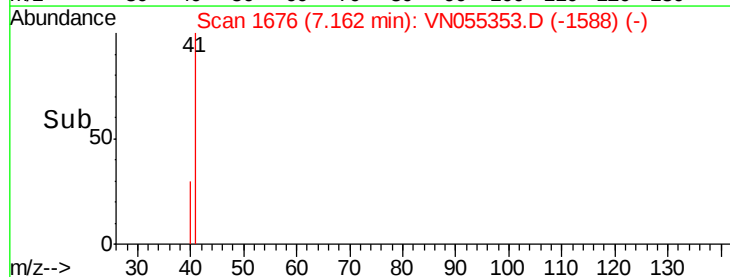
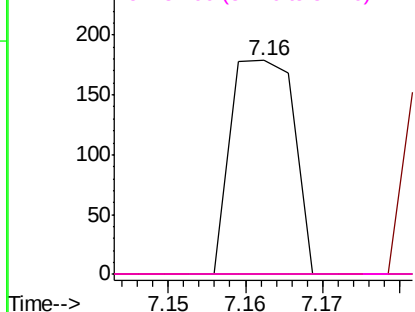


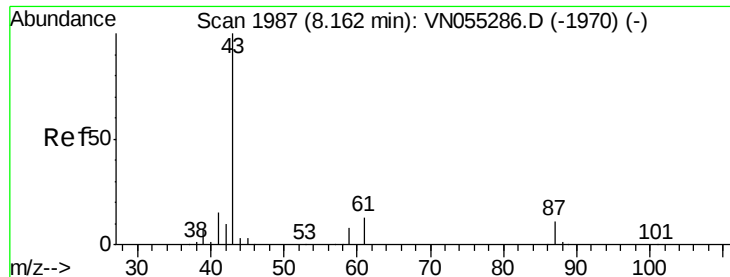
#41
Methacrylonitrile
Concen: 0.782 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.02 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion: 41 Resp: 101
Ion Ratio Lower Upper
41 100
39 0.0 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 2.034 ug/l

RT: 8.21 min Scan# 2002

Delta R.T. 0.05 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

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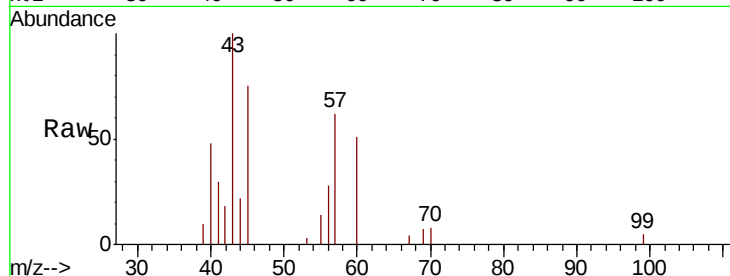
Tot Ion: 43 Resp: 14401

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

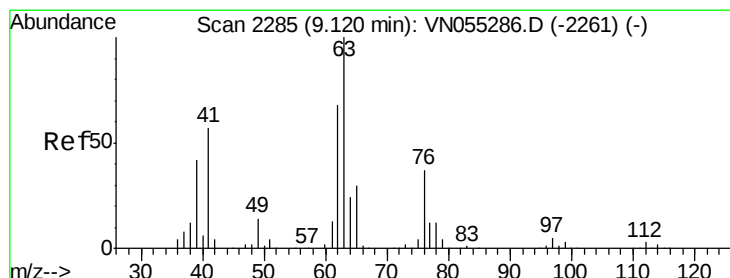
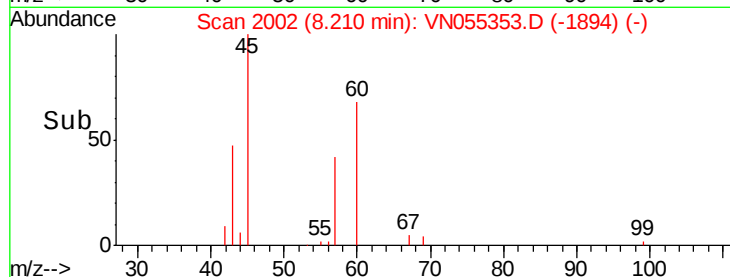
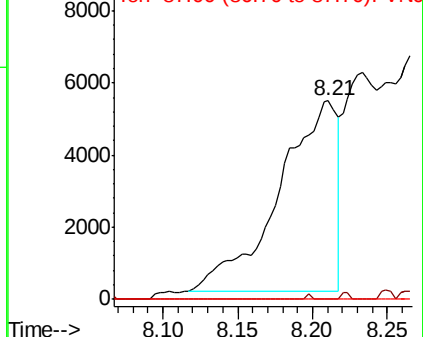
87 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.256 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.04 min

Lab File: VN055353.D

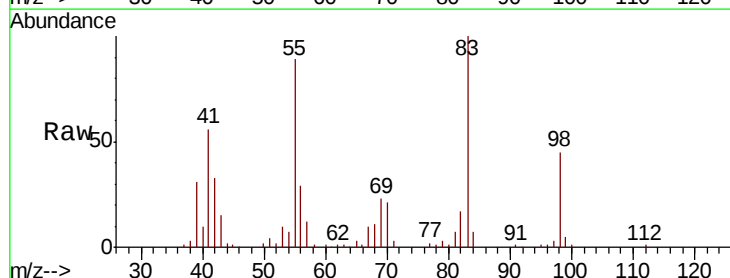
Acq: 2 May 2019 16:44

Tgt Ion: 63 Resp: 1249

Ion Ratio Lower Upper

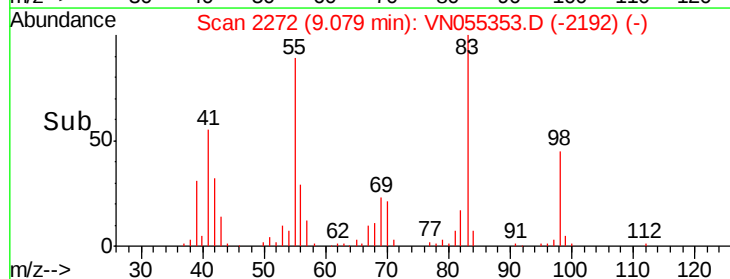
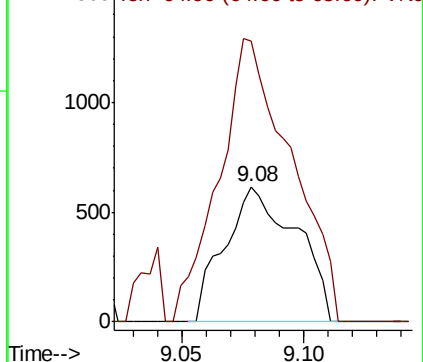
63 100

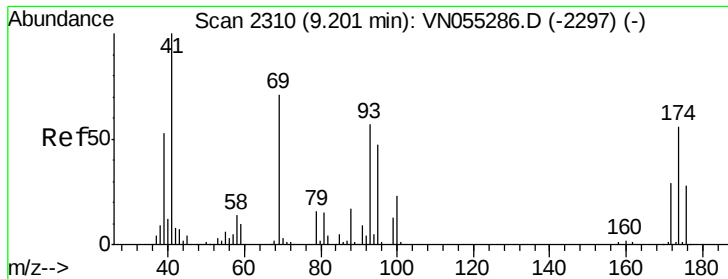
65 207.5 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

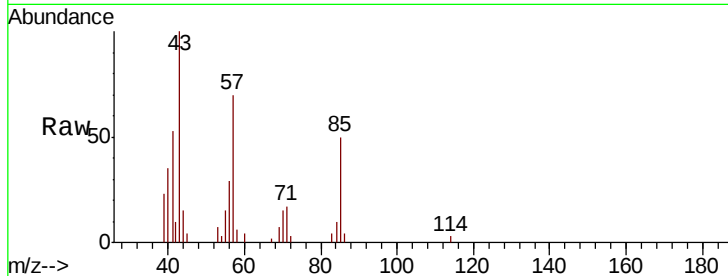




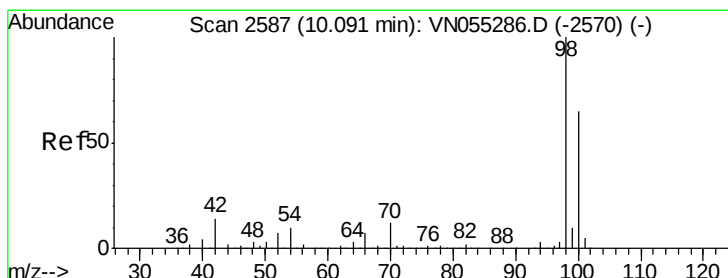
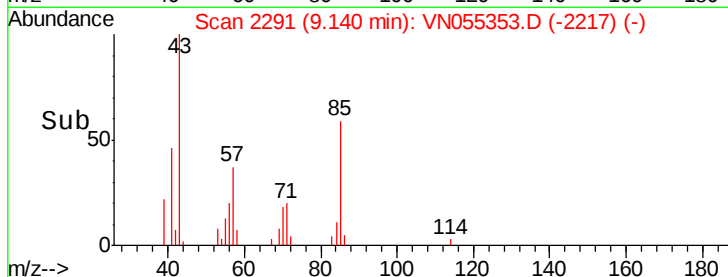
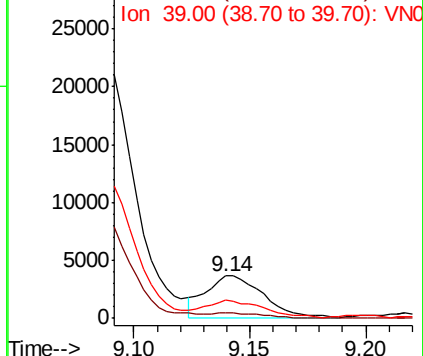
#48
Methyl methacrylate
Concen: 1.837 ug/l
RT: 9.14 min Scan# 2291
Delta R.T. -0.06 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

Tot Ion: 41 Resp: 6391
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 43.7 43.8 65.6#

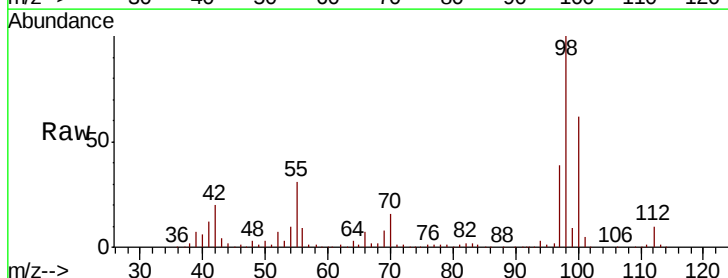


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

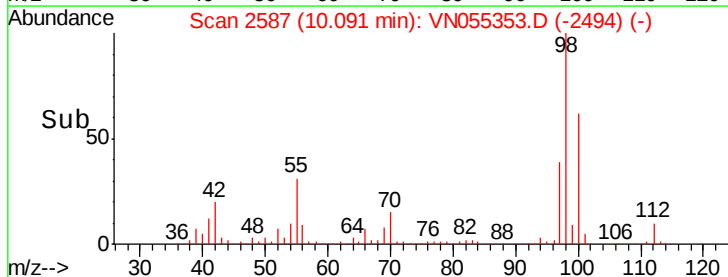
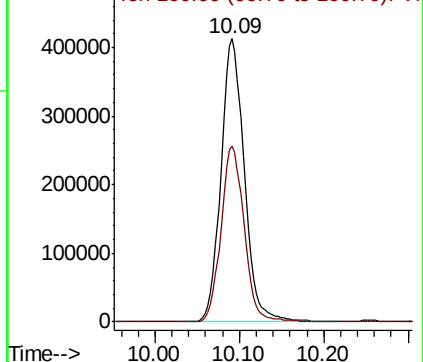


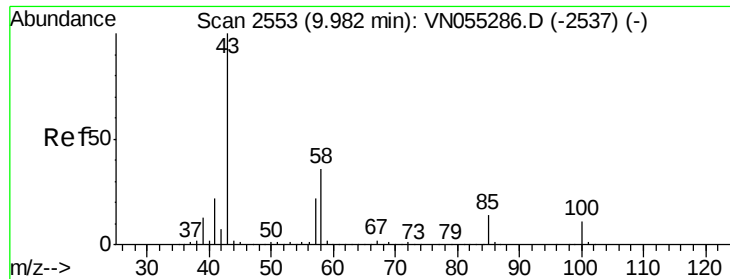
#50
Toluene-d8
Concen: 55.998 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion: 98 Resp: 796317
Ion Ratio Lower Upper
98 100
100 61.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 7.727 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.11 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

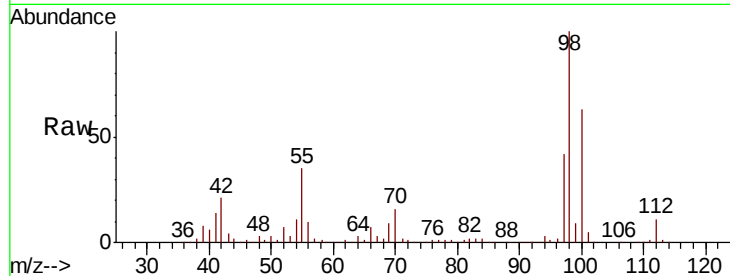
EP1-SB-E2-3(14-17)

Tot Ion: 43 Resp: 30795

Ion Ratio Lower Upper

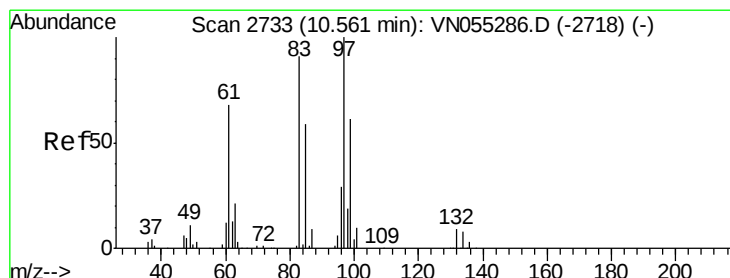
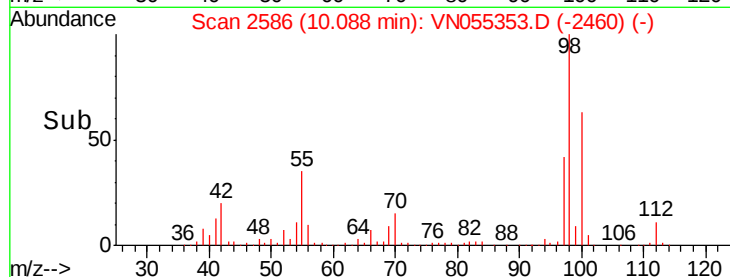
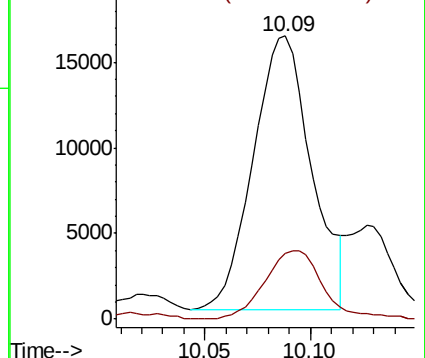
43 100

58 25.1 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#55

1,1,2-Trichloroethane

Concen: 37.569 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Tgt Ion: 97 Resp: 135614

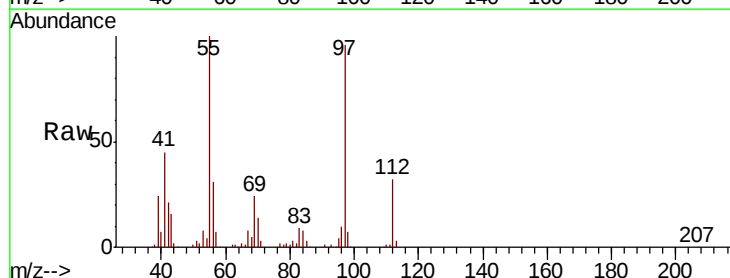
Ion Ratio Lower Upper

97 100

83 9.3 72.8 109.2#

85 3.6 47.0 70.6#

99 0.4 49.0 73.4#

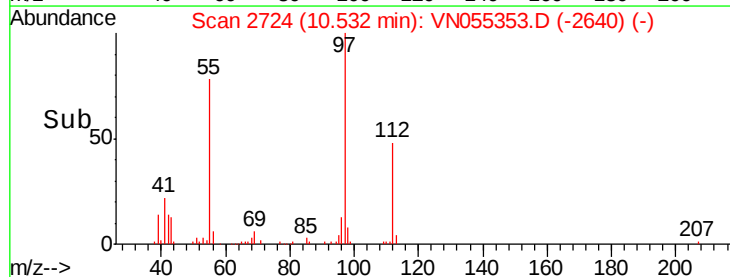
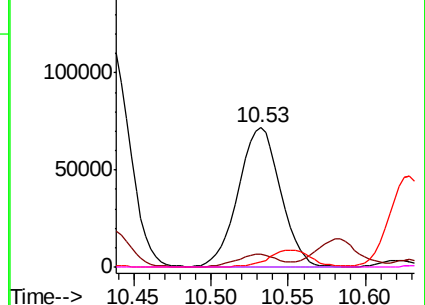


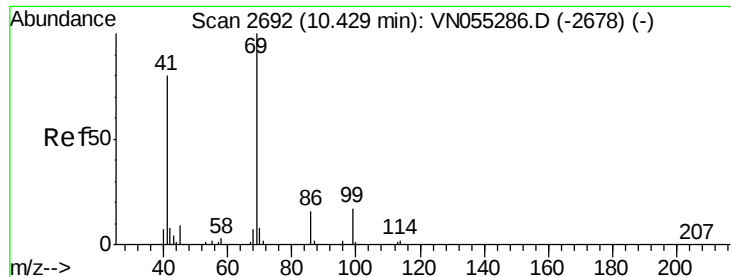
Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC





#56

Ethyl methacrylate

Concen: 14.392 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

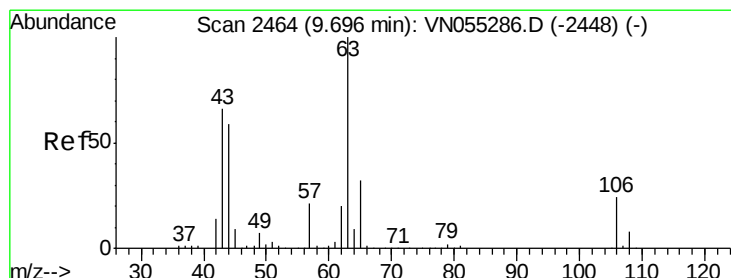
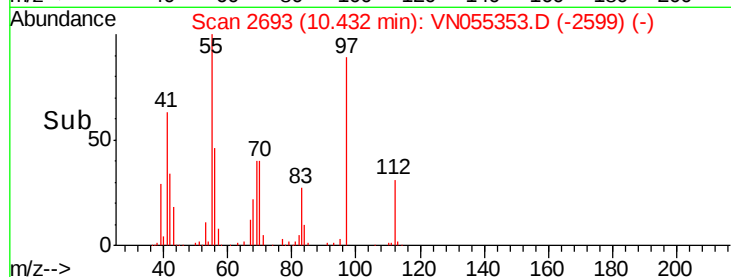
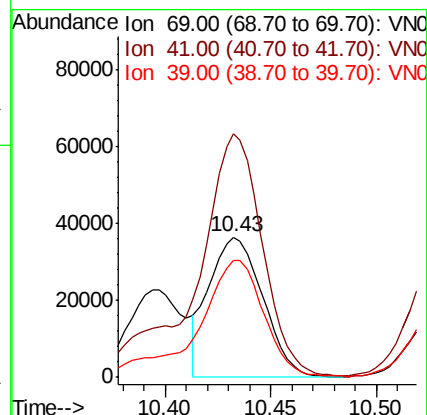
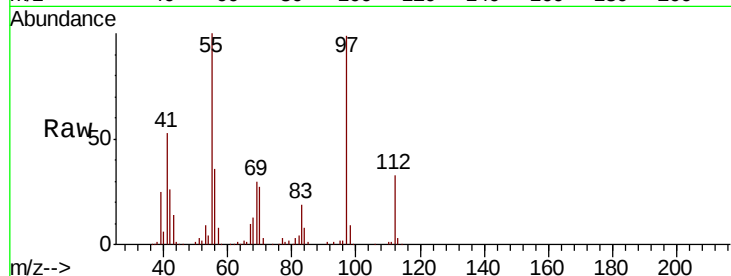
Tot Ion: 69 Resp: 63945

Ion Ratio Lower Upper

69 100

41 218.9 62.7 94.1#

39 105.0 32.0 48.0#



#58

2-Chloroethyl Vinyl ether

Concen: 12.472 ug/l

RT: 9.71 min Scan# 2468

Delta R.T. 0.01 min

Lab File: VN055353.D

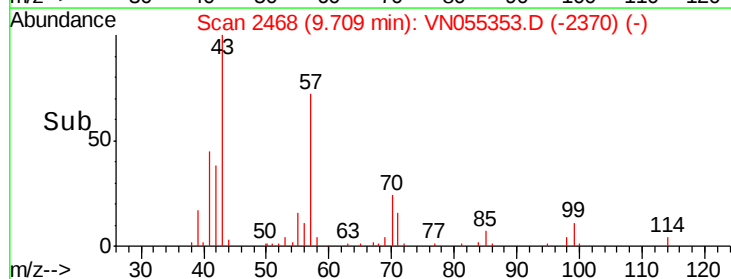
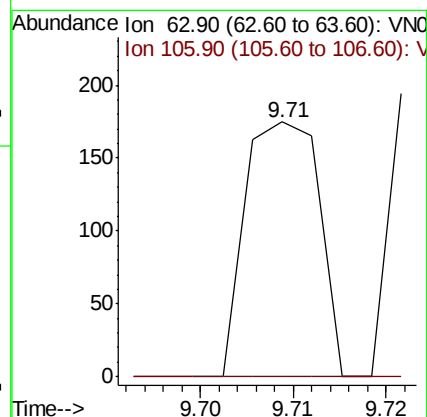
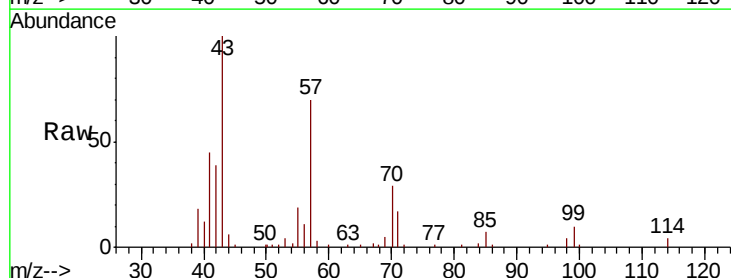
Acq: 2 May 2019 16:44

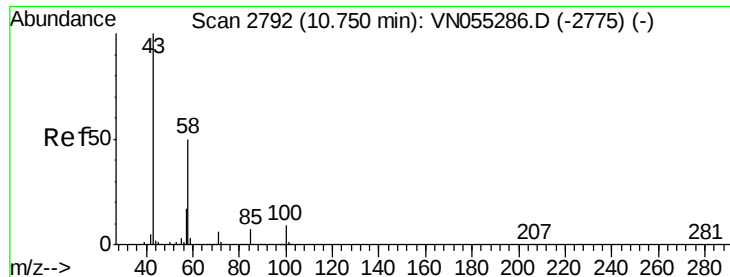
Tgt Ion: 63 Resp: 97

Ion Ratio Lower Upper

63 100

106 0.0 19.0 28.4#

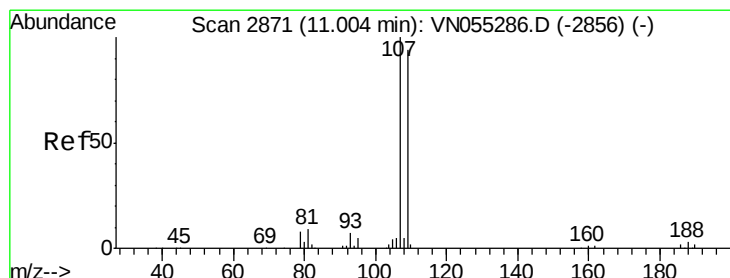
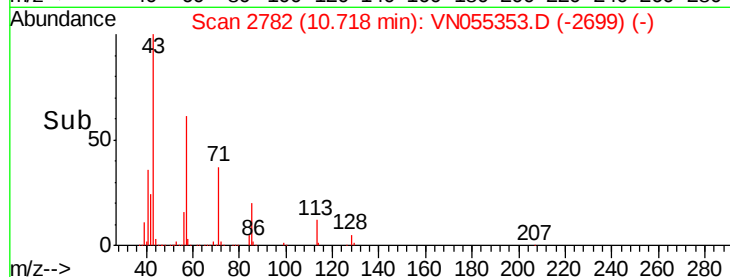
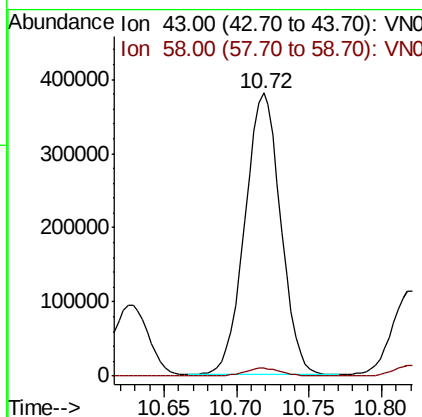
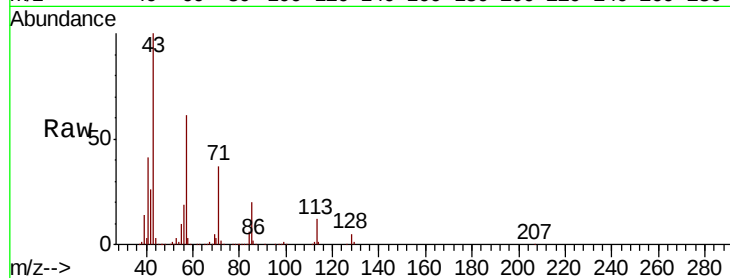




#59
2-Hexanone
Concen: 261.538 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

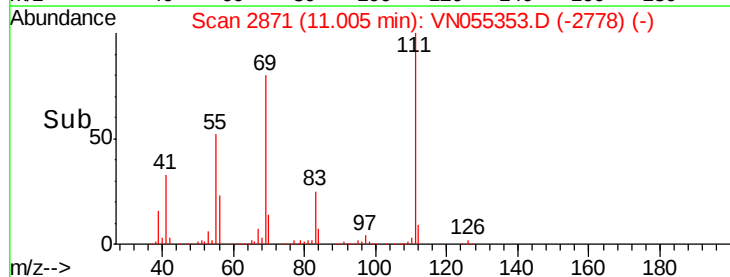
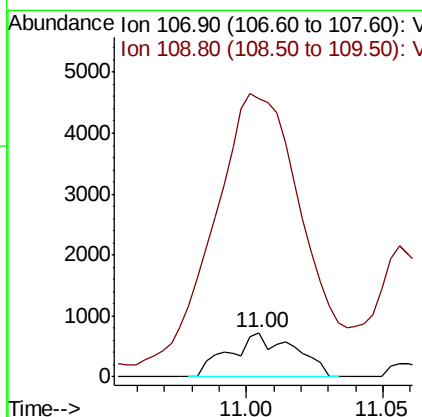
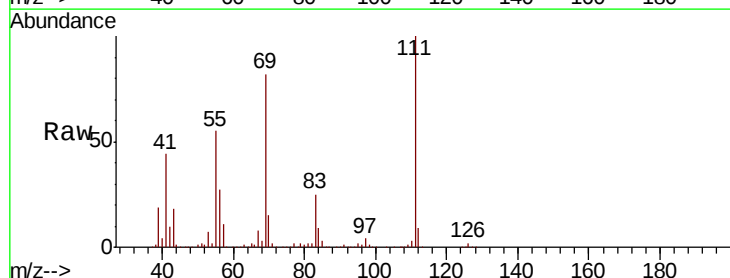
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

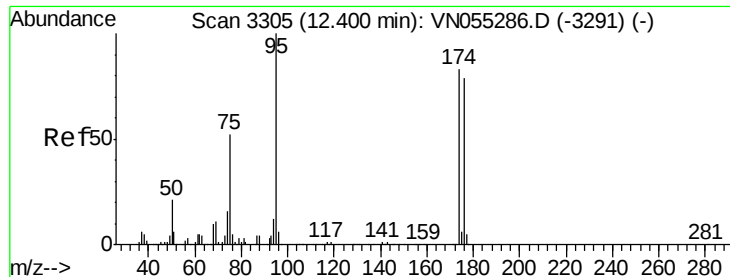
Tot Ion: 43 Resp: 652165
Ion Ratio Lower Upper
43 100
58 2.9 24.9 74.6#



#61
1,2-Dibromoethane
Concen: 0.357 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion:107 Resp: 1190
Ion Ratio Lower Upper
107 100
109 842.2 75.0 112.6#





#62

4-Bromofluorobenzene

Concen: 99.694 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

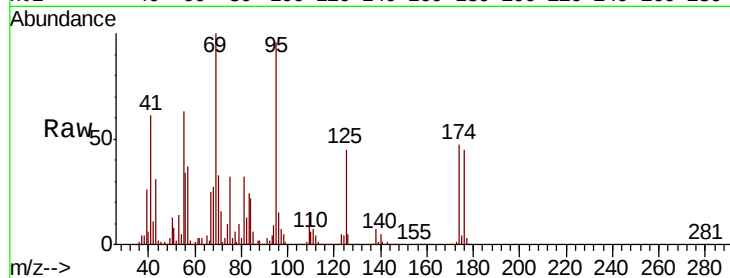
Tot Ion: 95 Resp: 443081

Ion Ratio Lower Upper

95 100

174 52.5 0.0 166.6

176 51.6 0.0 157.8

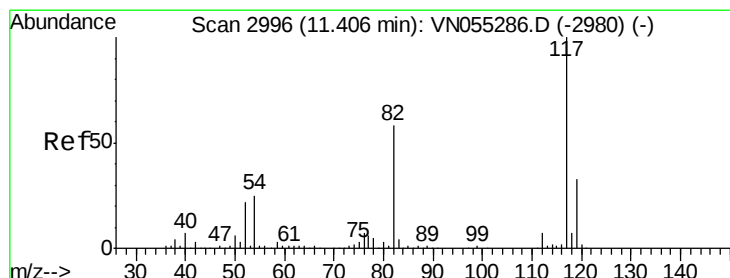
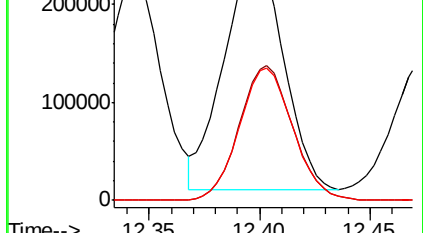
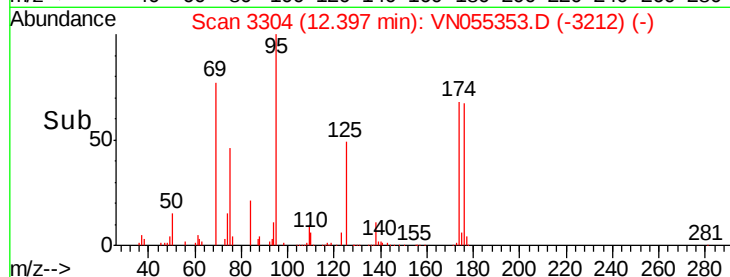


Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

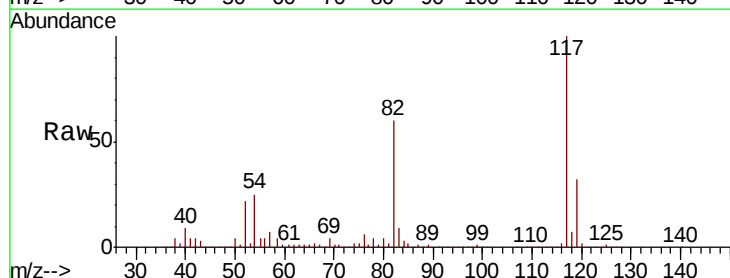
Tgt Ion: 117 Resp: 585762

Ion Ratio Lower Upper

117 100

82 51.0 46.2 69.4

119 32.2 26.6 40.0

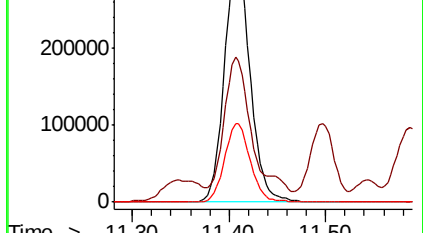
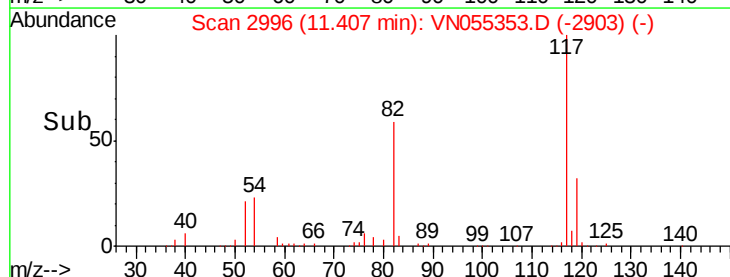


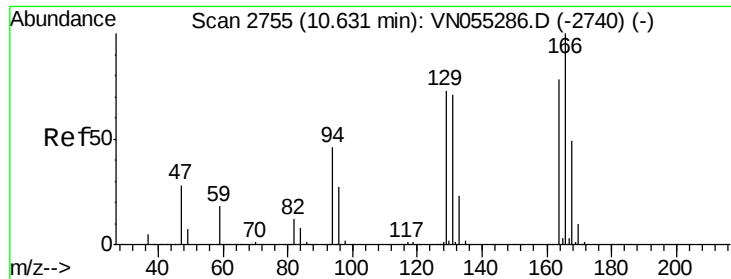
Abundance Ion 116.90 (116.60 to 117.60): VN055286.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055286.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055286.D (-2980) (-)

Time-->

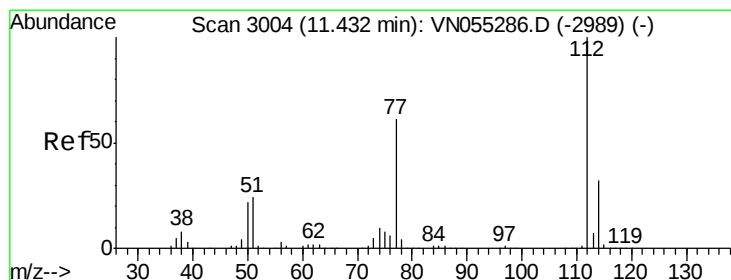
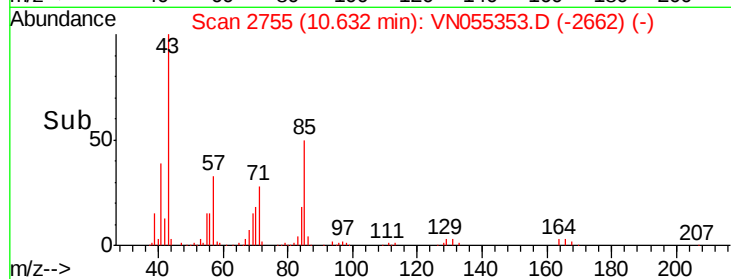
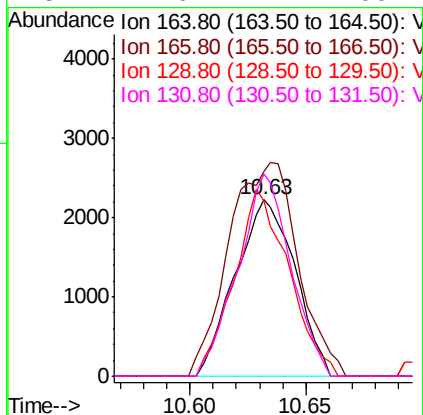
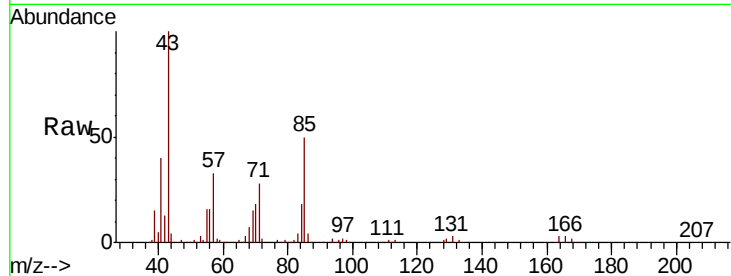




#64
 Tetrachloroethene
 Concen: 0.830 ug/l
 RT: 10.63 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

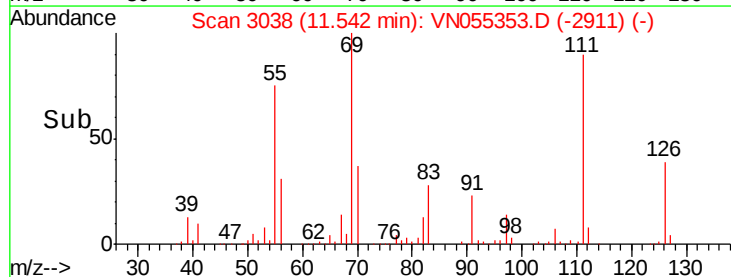
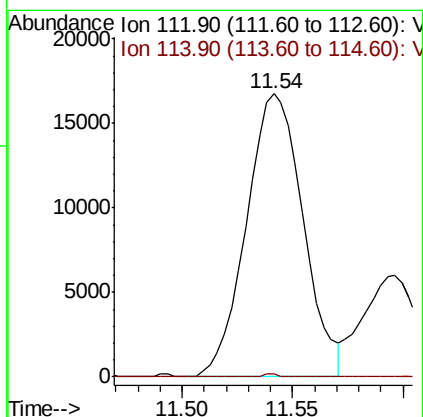
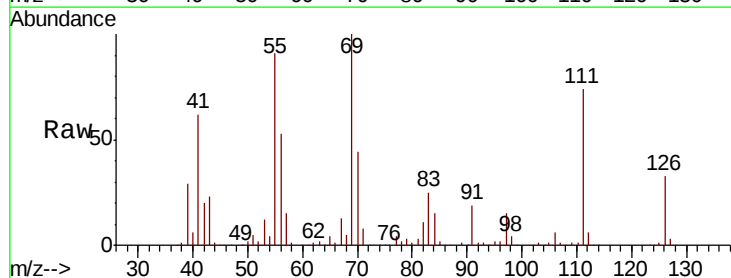
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

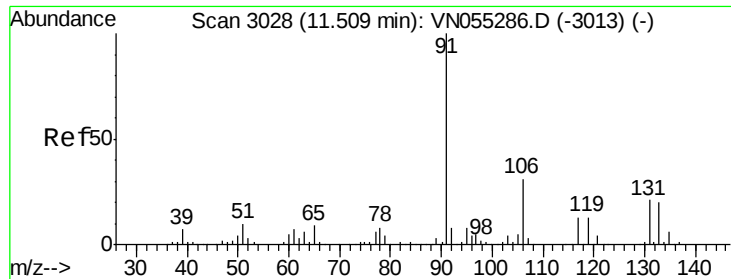
Tot Ion:	164	Resp:	3977
Ion	Ratio	Lower	Upper
164	100		
166	116.0	102.3	153.5
129	99.7	75.0	112.6
131	114.6	72.7	109.1#



#65
 Chlorobenzene
 Concen: 2.609 ug/l
 RT: 11.54 min Scan# 3038
 Delta R.T. 0.11 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Tgt Ion:	112	Resp:	29882
Ion	Ratio	Lower	Upper
112	100		
114	1.2	25.3	37.9#

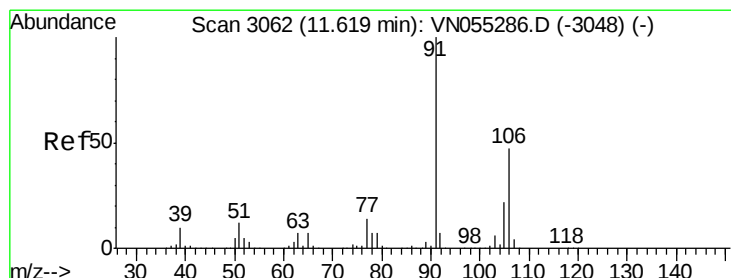
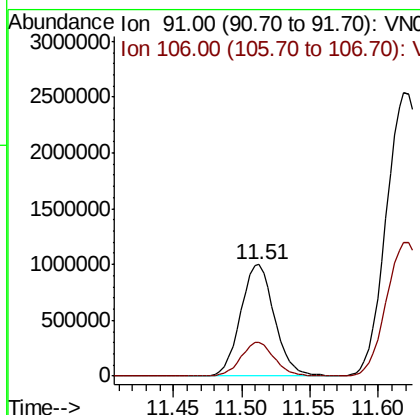
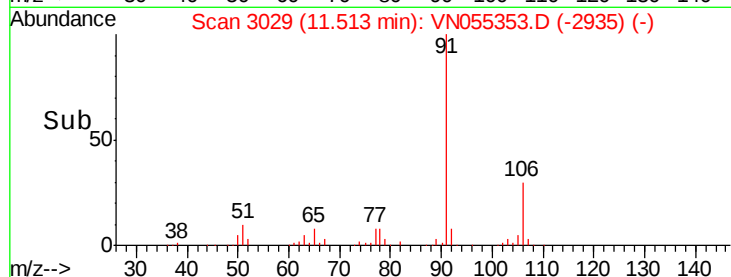
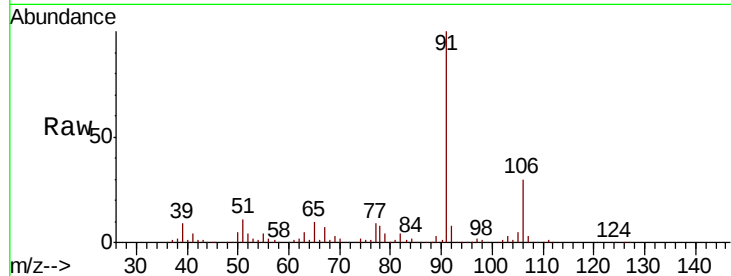




#67
Ethyl Benzene
Concen: 83.332 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

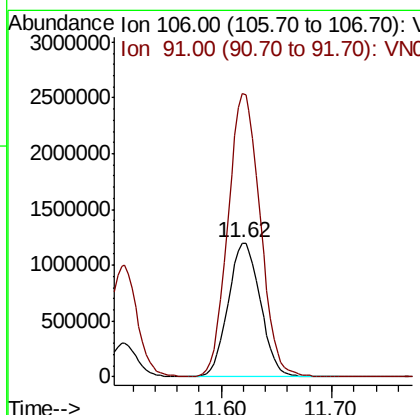
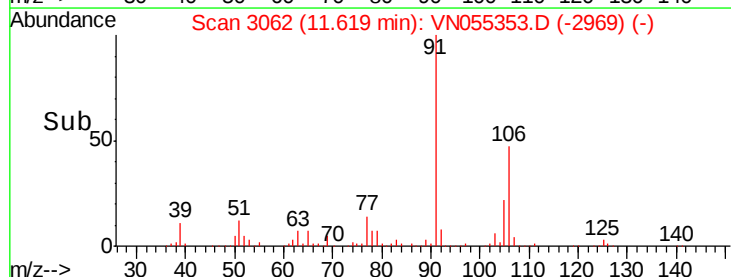
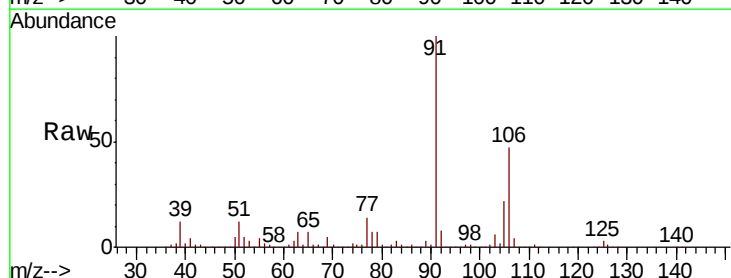
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

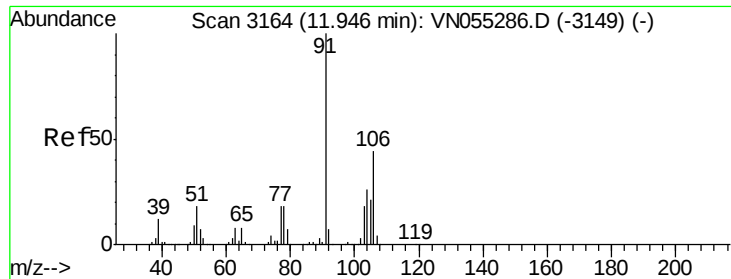
Tot Ion: 91 Resp: 1723374
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8



#68
m/p-Xylenes
Concen: 328.712 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion: 106 Resp: 2426511
Ion Ratio Lower Upper
106 100
91 212.3 169.5 254.3

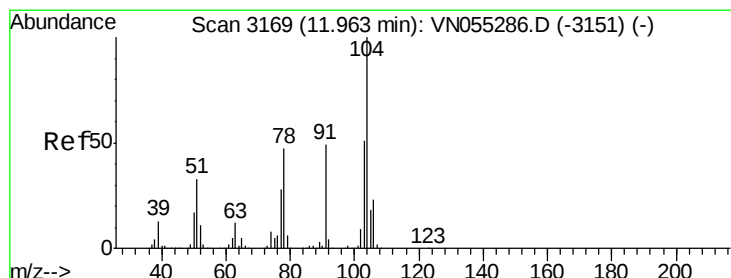
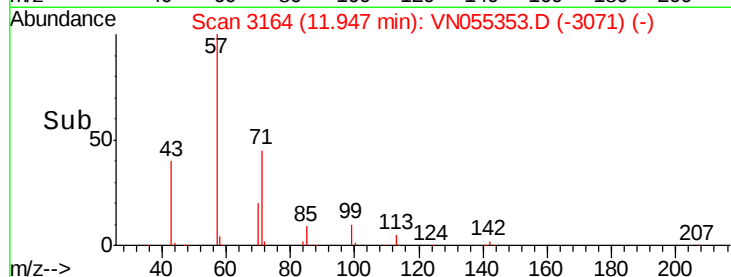
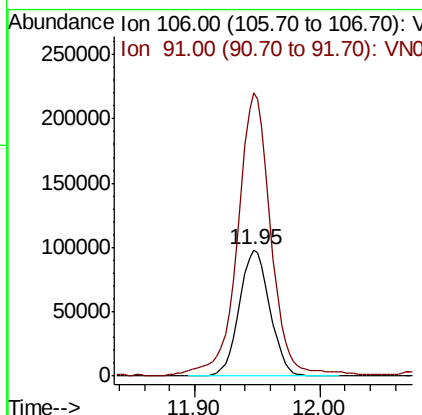
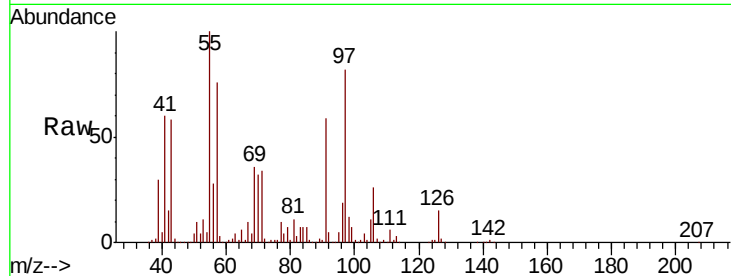




#69
o-Xylene
Concen: 22.653 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

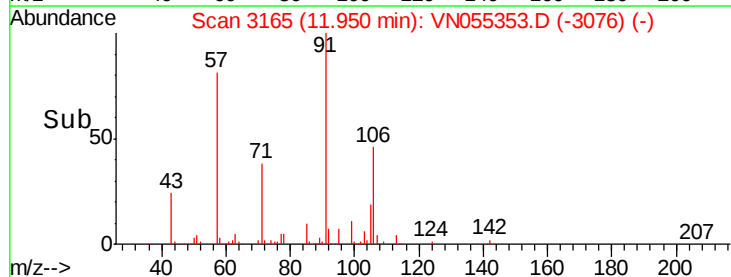
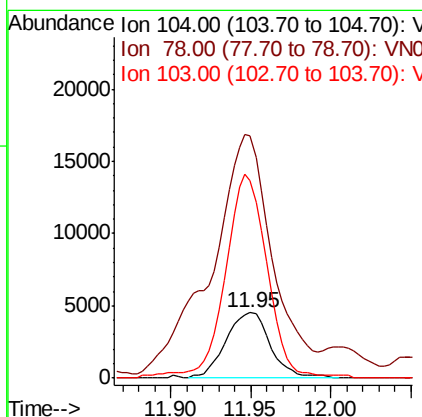
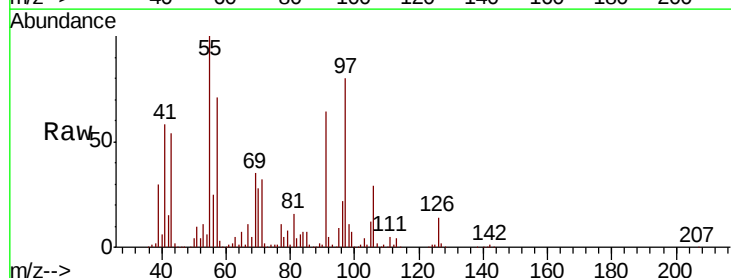
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

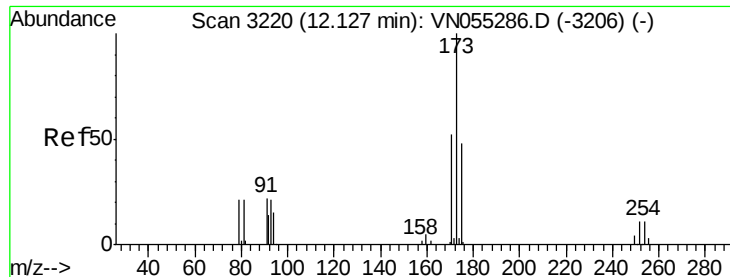
Tot Ion:106 Resp: 165741
Ion Ratio Lower Upper
106 100
91 243.6 111.5 334.5



#70
Styrene
Concen: 0.768 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion:104 Resp: 8633
Ion Ratio Lower Upper
104 100
78 499.7 42.2 63.2#
103 291.1 44.6 67.0#





#71

Bromoform

Concen: 1.139 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

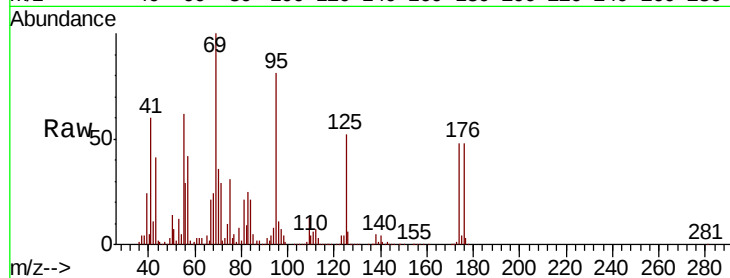
Tot Ion:173 Resp: 2833

Ion Ratio Lower Upper

173 100

175 566.0 23.6 71.0#

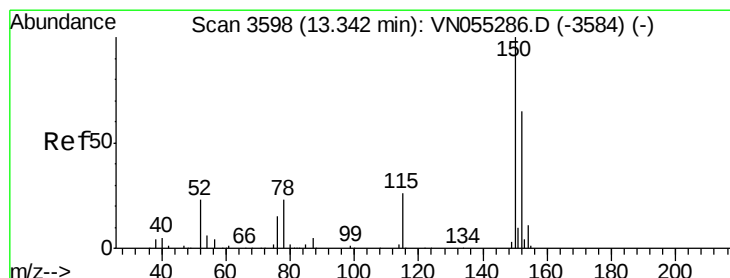
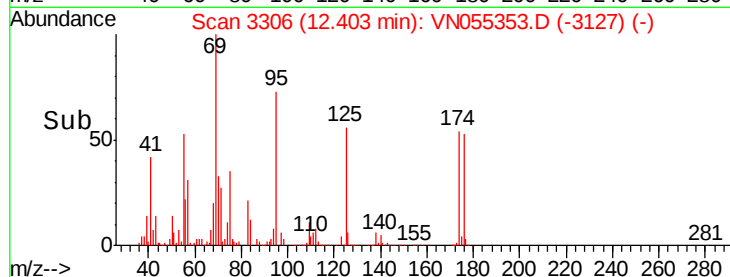
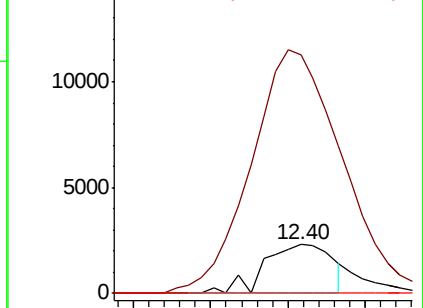
254 0.0 0.0 0.0



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

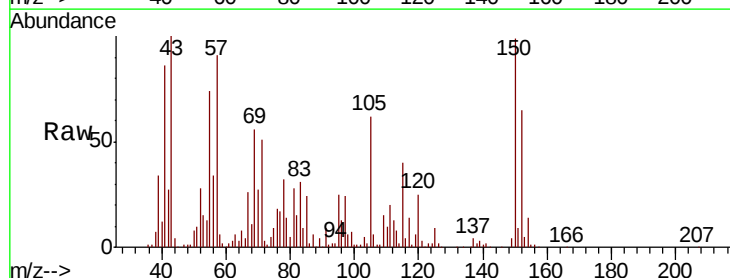
Tgt Ion:152 Resp: 297545

Ion Ratio Lower Upper

152 100

115 0.0 29.0 87.0#

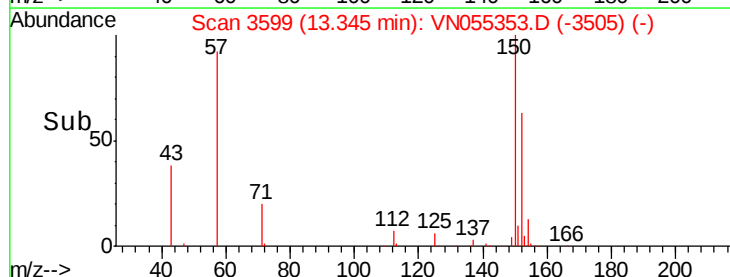
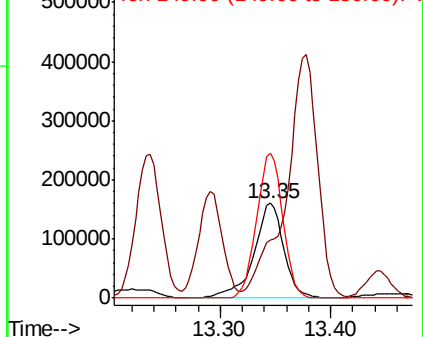
150 135.5 0.0 345.6

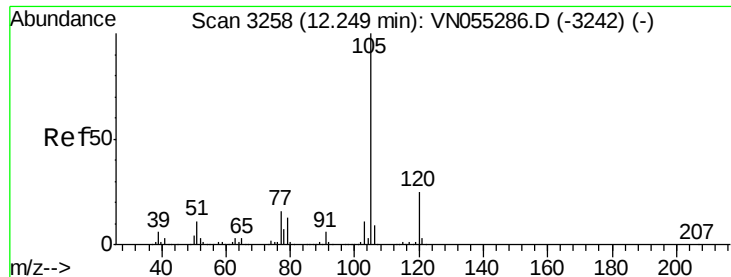


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 124.717 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

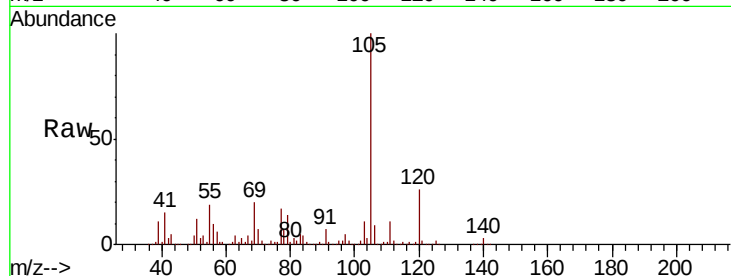
EP1-SB-E2-3(14-17)

Tot Ion:105 Resp: 2840871

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

2000000 Ion 120.00 (119.70 to 120.70): V

1500000

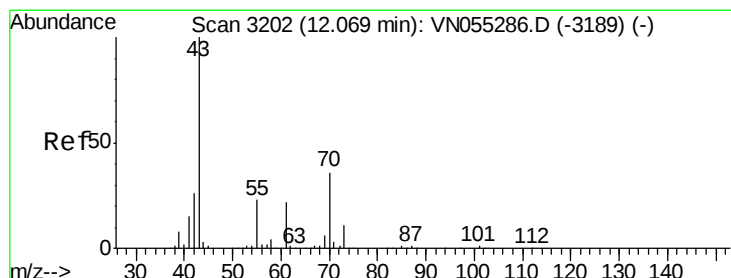
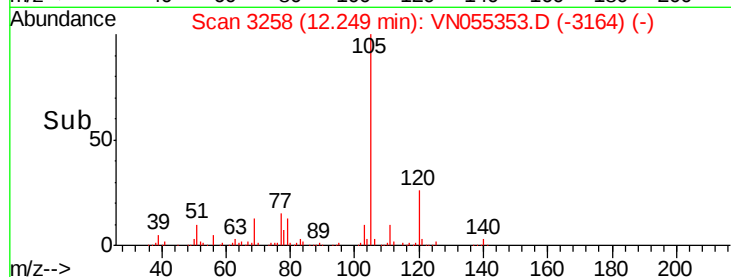
1000000

500000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 189.414 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Tgt Ion: 43 Resp: 1446390

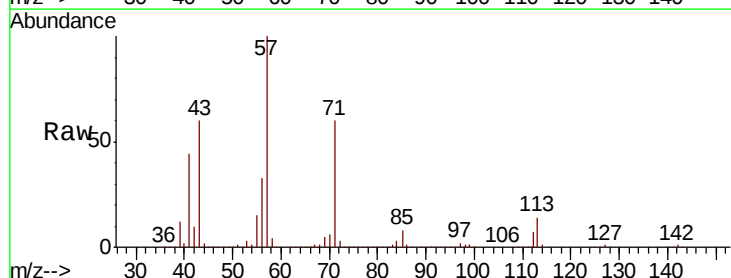
Ion Ratio Lower Upper

43 100

70 7.2 27.9 41.9#

55 10.4 18.2 27.2#

61 0.0 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): V

1500000 Ion 70.00 (69.70 to 70.70): V

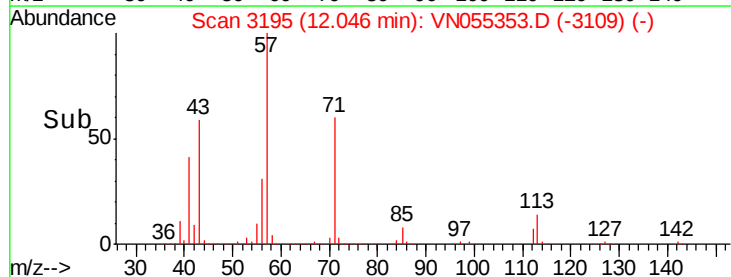
1000000 Ion 55.00 (54.70 to 55.70): V

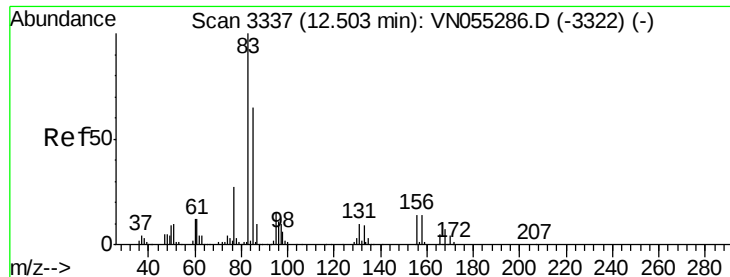
500000 Ion 61.00 (60.70 to 61.70): V

0

12.00 12.05 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.637 ug/l

RT: 12.46 min Scan# 3324

Delta R.T. -0.04 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

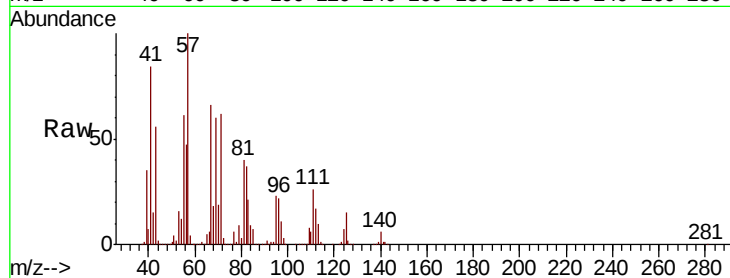
Tot Ion: 83 Resp: 154753

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

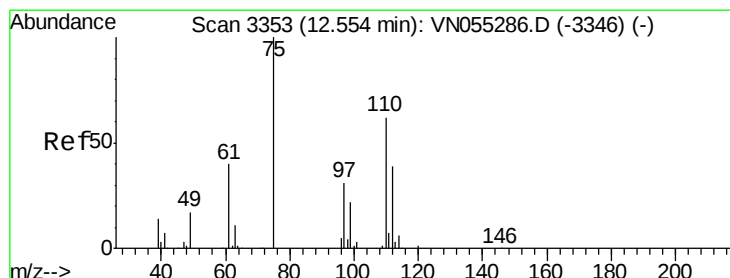
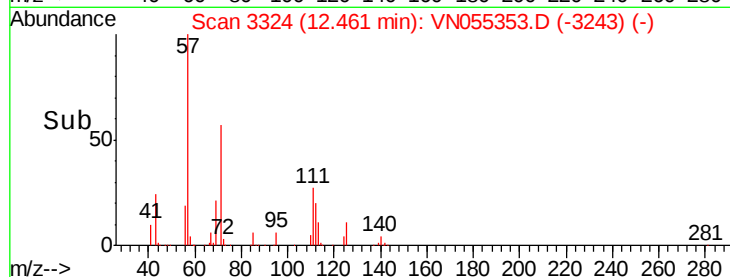
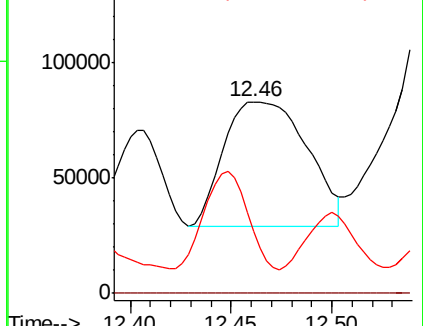
85 40.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 7.275 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN055353.D

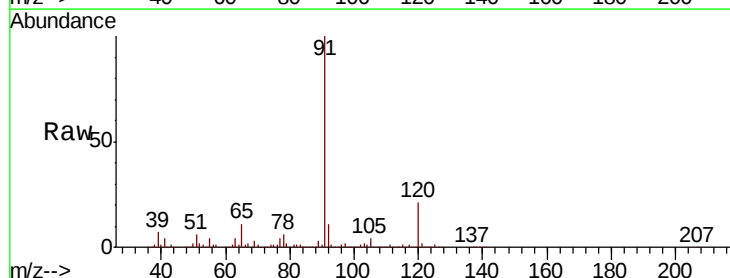
Acq: 2 May 2019 16:44

Tgt Ion: 75 Resp: 52131

Ion Ratio Lower Upper

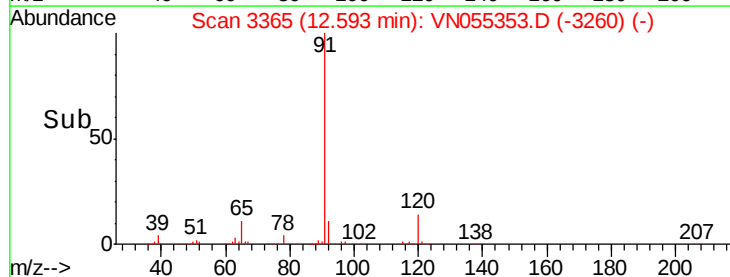
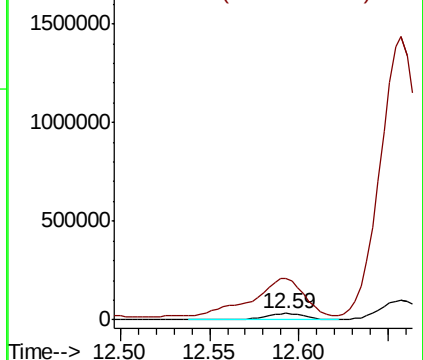
75 100

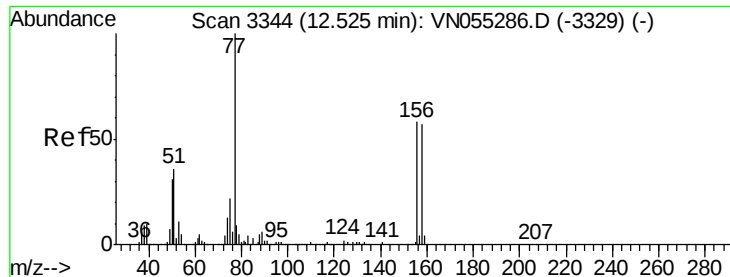
77 760.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.49 min Scan# 3332

Delta R.T. -0.04 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

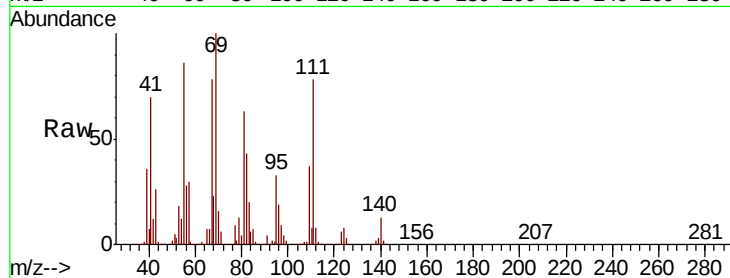
Tot Ion:156 Resp: 366

Ion Ratio Lower Upper

156 100

77 21719.1 99.6 298.8#

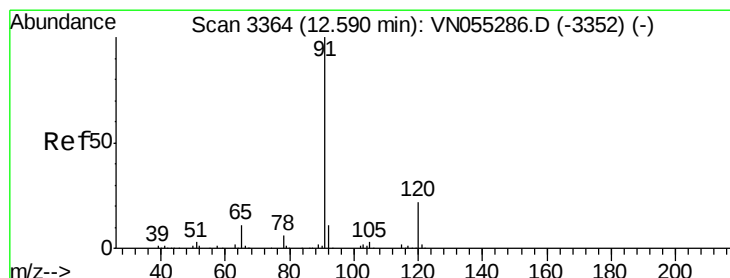
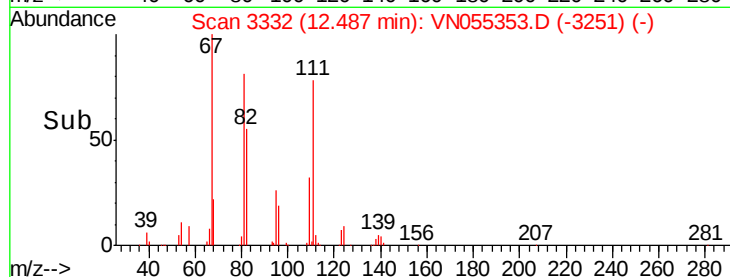
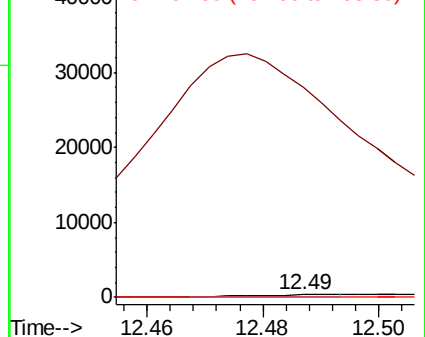
158 0.0 49.3 147.8#



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: 263.506 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055353.D

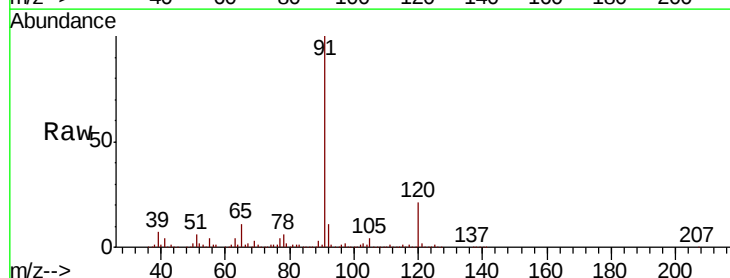
Acq: 2 May 2019 16:44

Tgt Ion: 91 Resp: 8053811

Ion Ratio Lower Upper

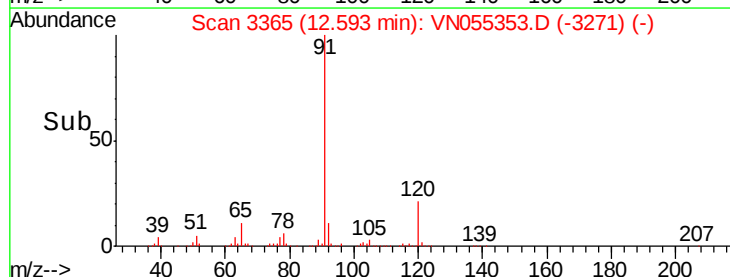
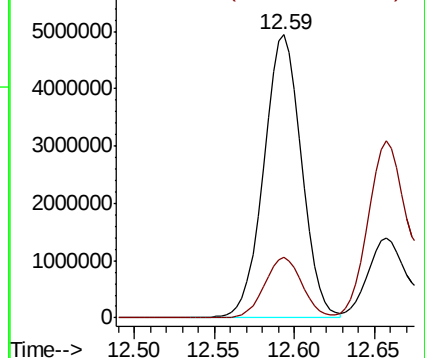
91 100

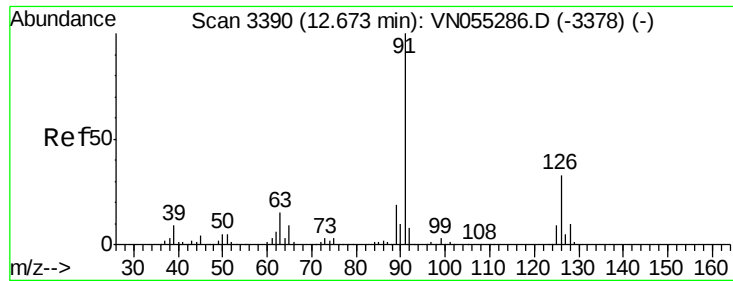
120 21.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

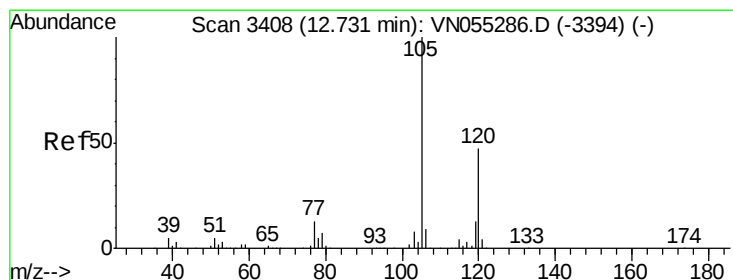
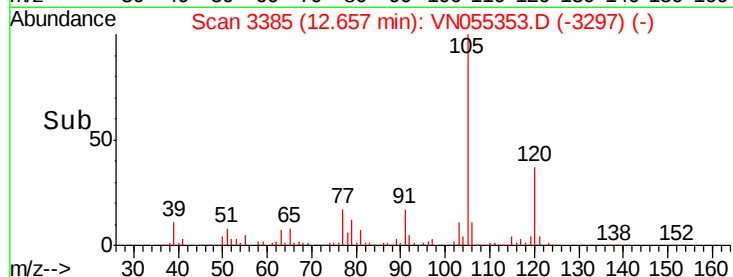
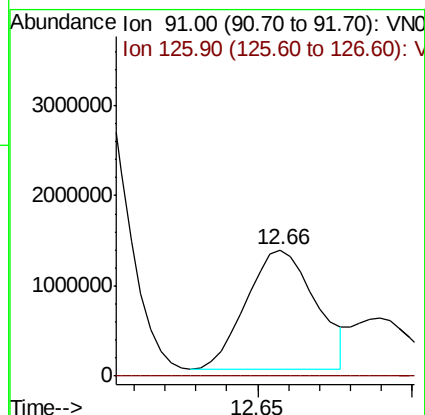
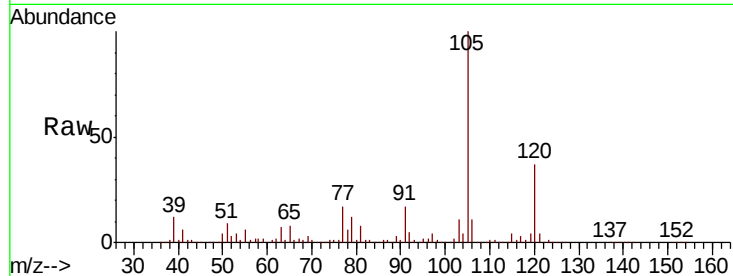




#79
 2-Chlorotoluene
 Concen: 132.918 ug/l
 RT: 12.66 min Scan# 3385
 Delta R.T. -0.02 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

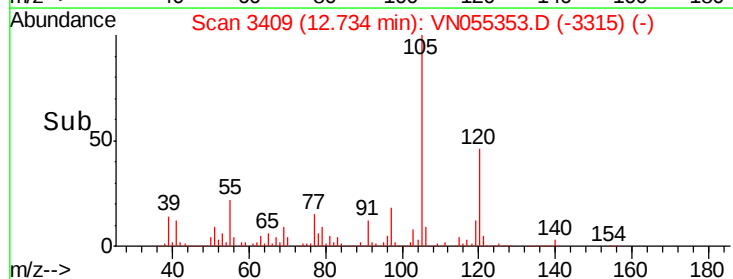
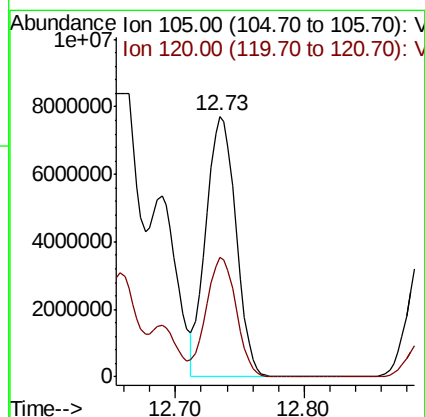
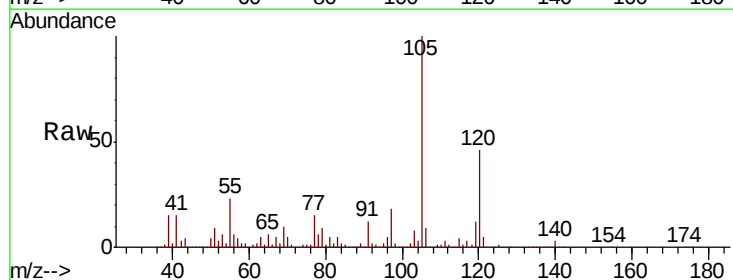
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

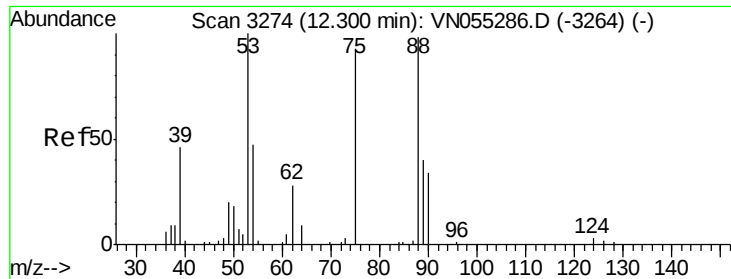
Tot Ion: 91 Resp: 2072184
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 533.939 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Tgt Ion:105 Resp:12454957
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 22.242 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

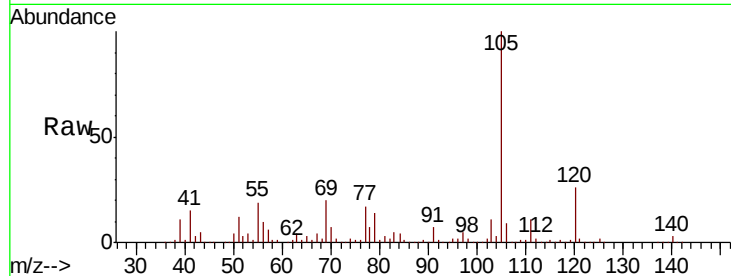
Tot Ion: 75 Resp: 34922

Ion Ratio Lower Upper

75 100

53 136.1 86.3 129.5#

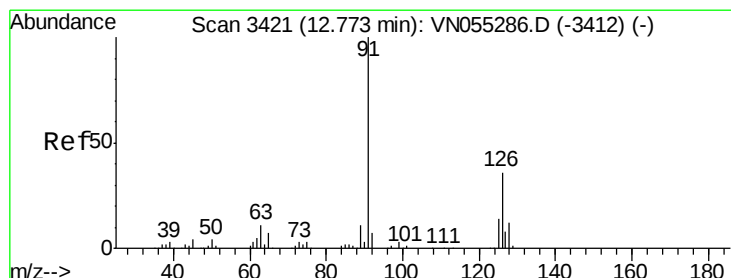
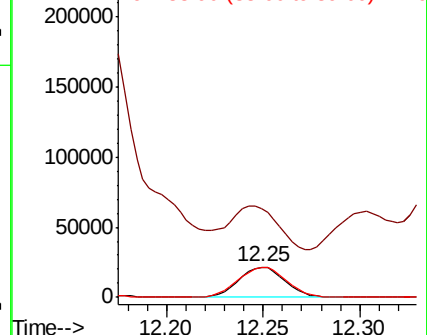
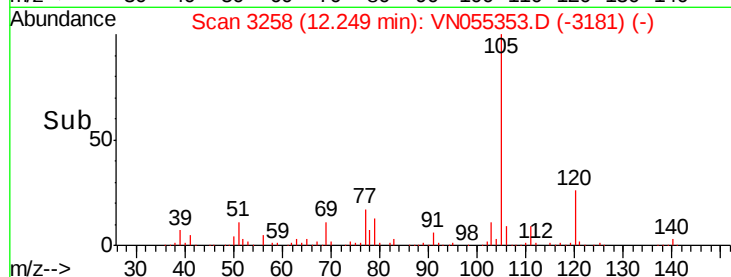
89 103.3 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 80.859 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN055353.D

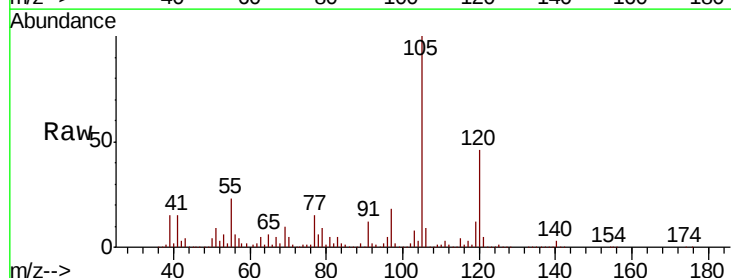
Acq: 2 May 2019 16:44

Tgt Ion: 91 Resp: 1436951

Ion Ratio Lower Upper

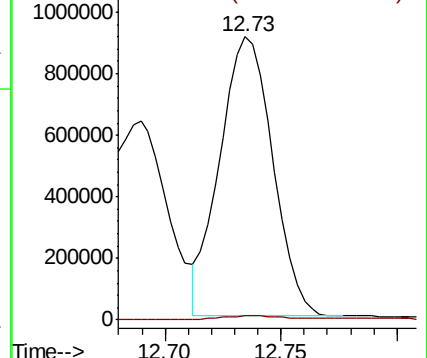
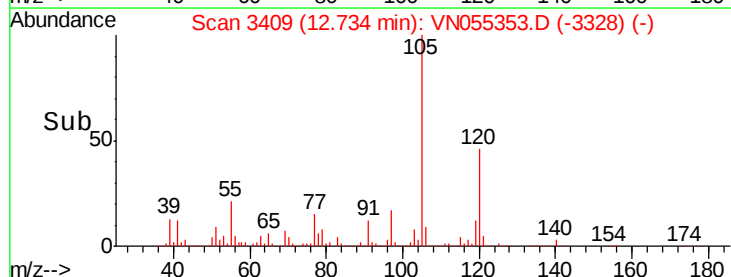
91 100

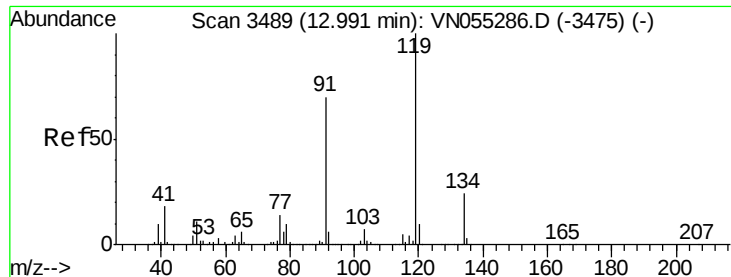
126 2.1 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 28.104 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

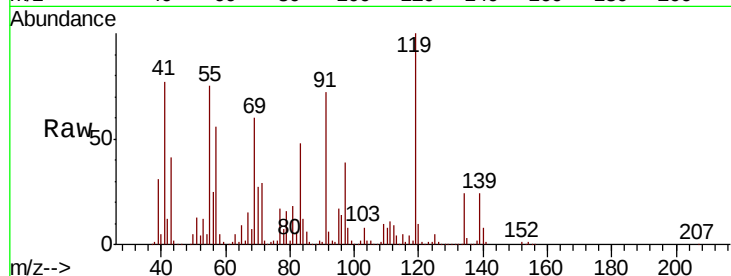
Tot Ion:119 Resp: 485072

Ion Ratio Lower Upper

119 100

91 72.5 34.3 102.9

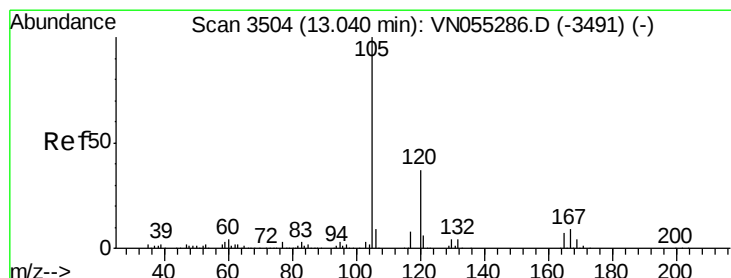
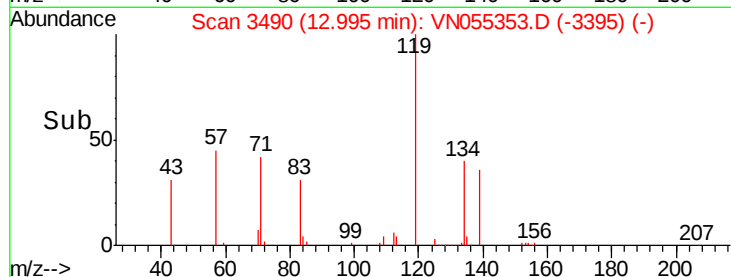
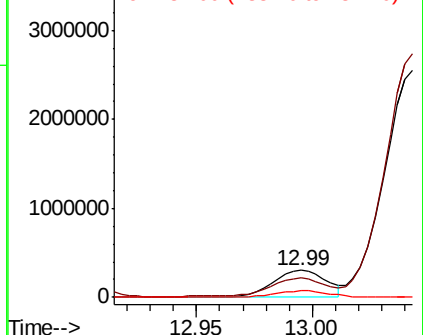
134 24.8 13.1 39.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 296.609 ug/l

RT: 12.89 min Scan# 3458

Delta R.T. -0.15 min

Lab File: VN055353.D

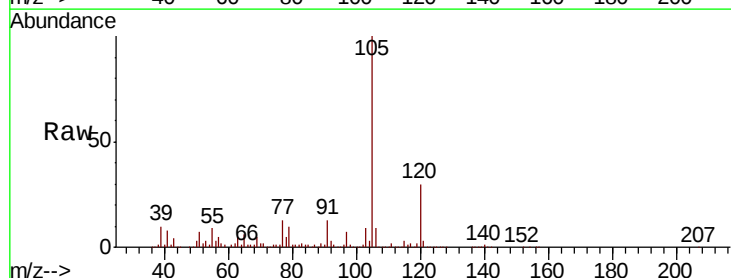
Acq: 2 May 2019 16:44

Tgt Ion:105 Resp: 6187881

Ion Ratio Lower Upper

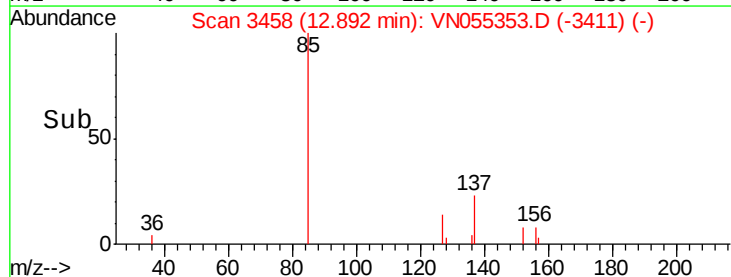
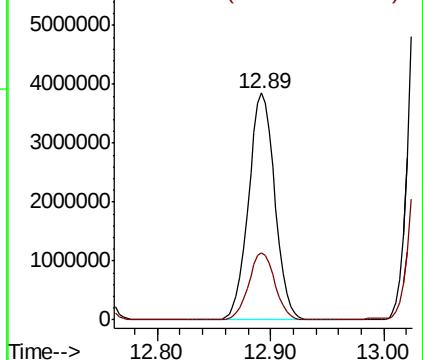
105 100

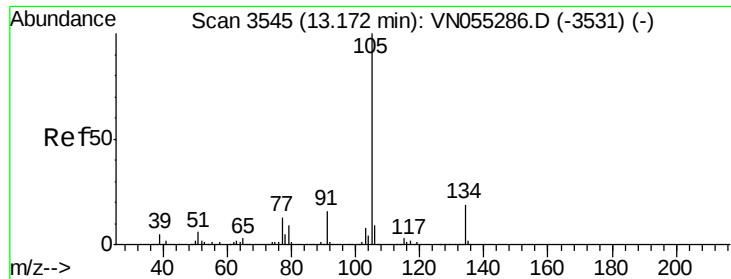
120 29.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 155.376 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

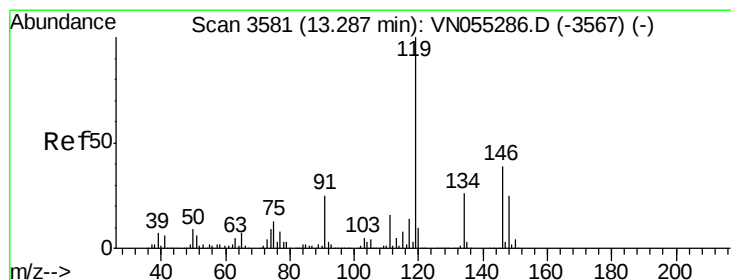
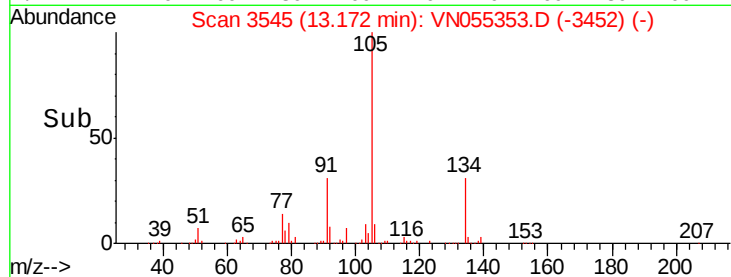
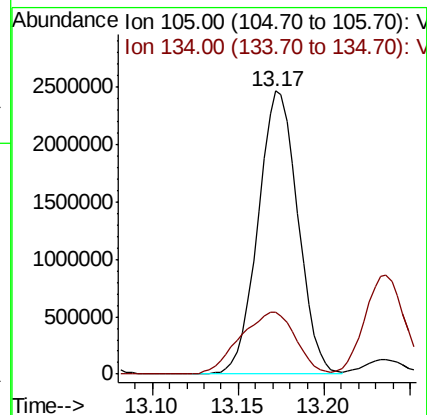
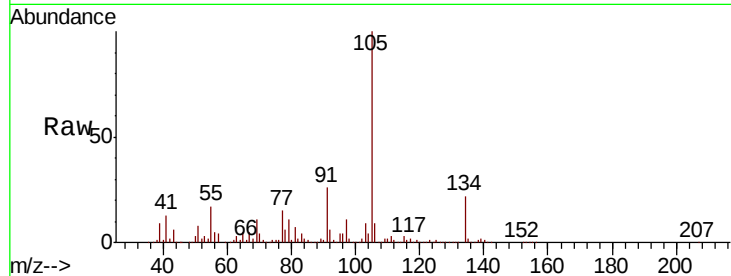
EP1-SB-E2-3(14-17)

Tot Ion:105 Resp: 3939373

Ion Ratio Lower Upper

105 100

134 30.7 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 170.631 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

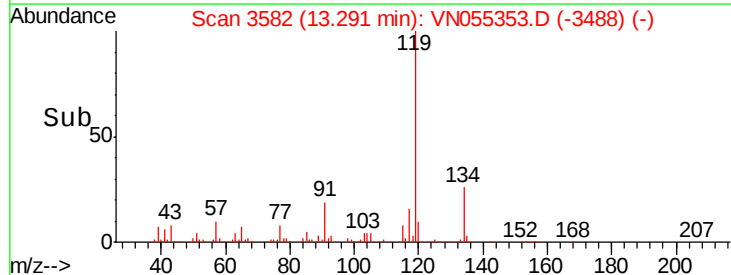
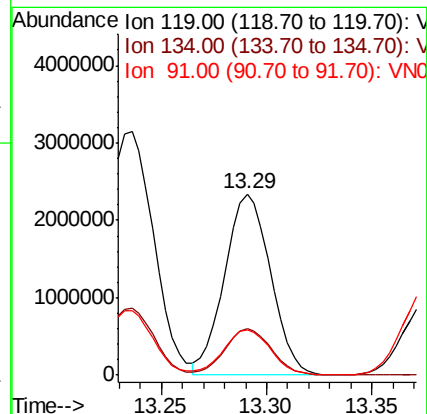
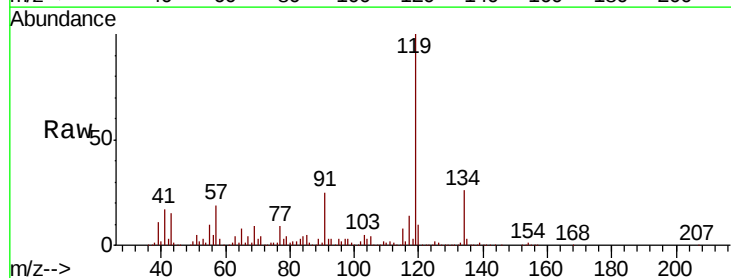
Tgt Ion:119 Resp: 3555724

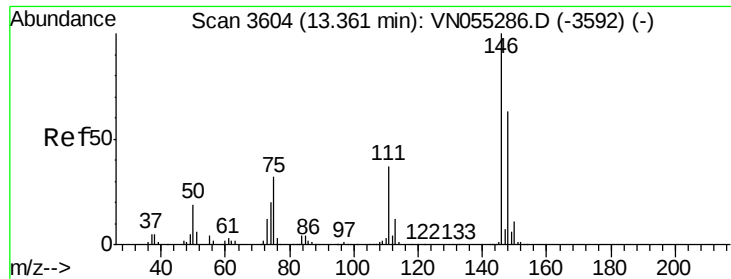
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 25.1 12.2 36.6

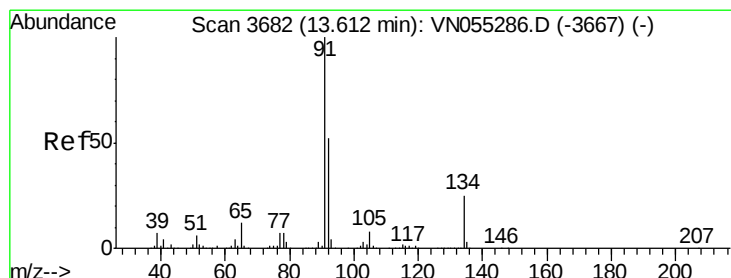
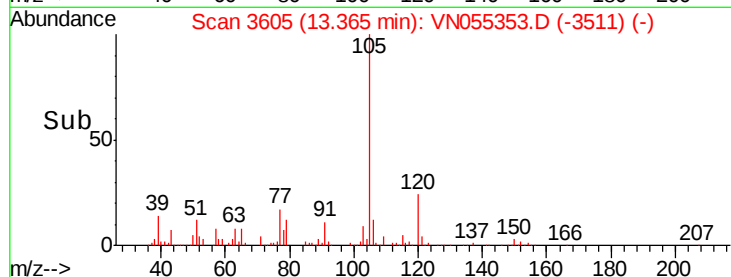
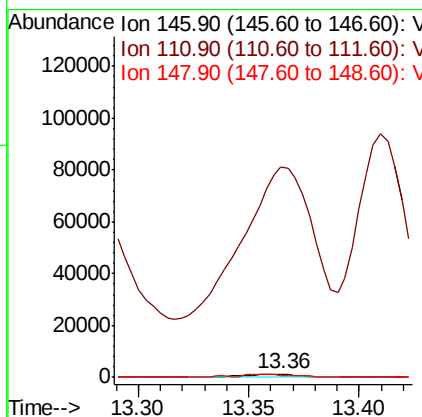
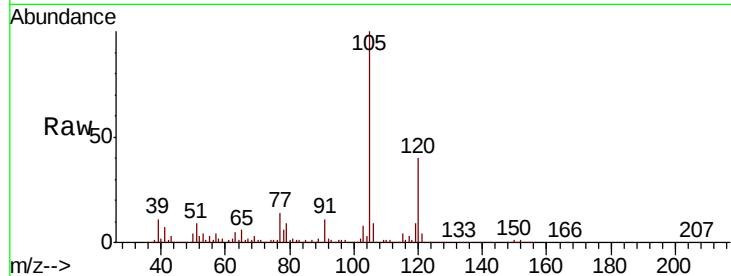




#88
 1,4-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

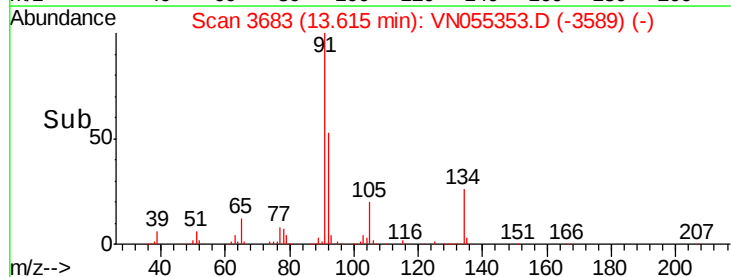
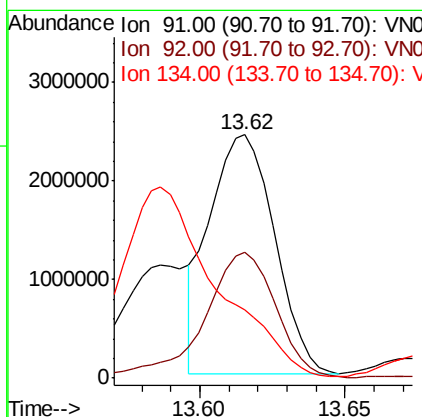
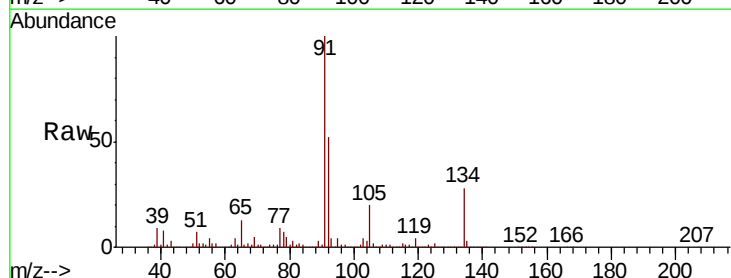
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

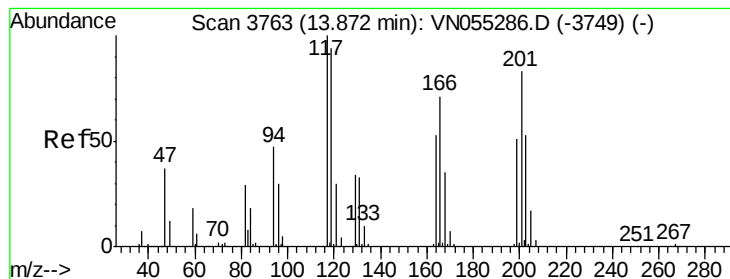
Tot Ion:146 Resp: 2115
 Ion Ratio Lower Upper
 146 100
 111 6121.4 19.5 58.5#
 148 94.5 32.5 97.4



#89
 n-Butylbenzene
 Concen: 254.536 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Tgt Ion: 91 Resp: 3769069
 Ion Ratio Lower Upper
 91 100
 92 57.2 26.1 78.3
 134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 156.932 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

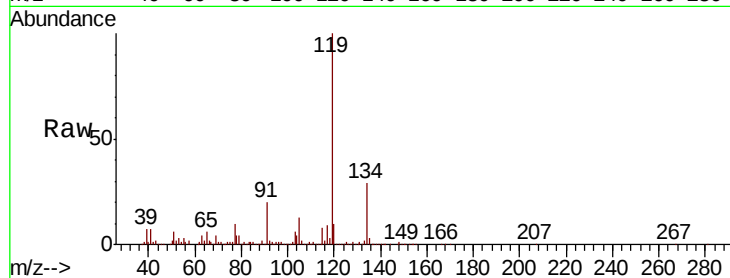
EP1-SB-E2-3(14-17)

Tot Ion:117 Resp: 506682

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

600000

400000

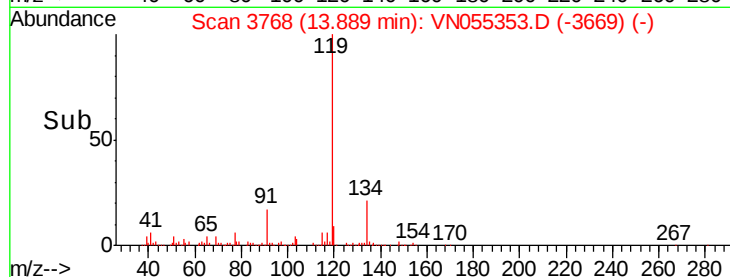
200000

0

13.85

13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 38.791 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

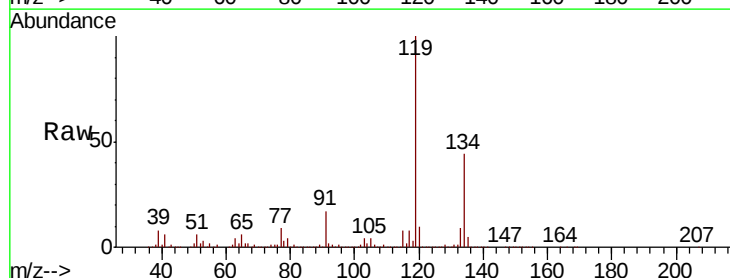
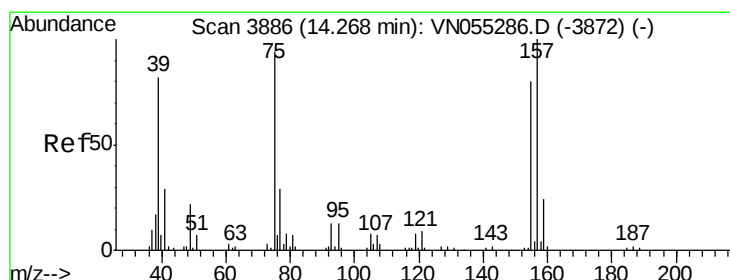
Tgt Ion: 75 Resp: 30365

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

30000

25000

20000

15000

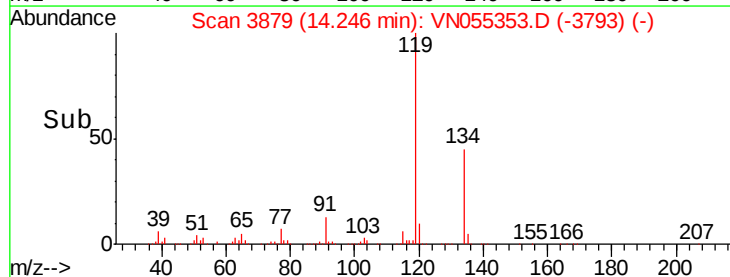
10000

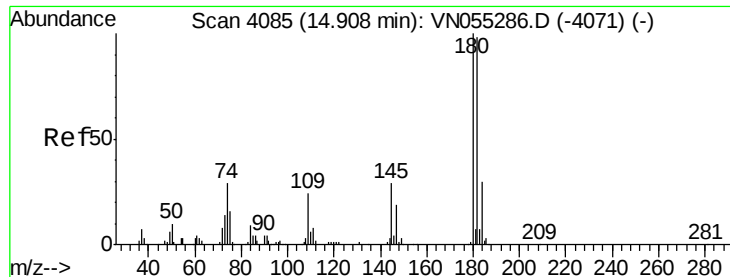
5000

0

14.25

Time-->

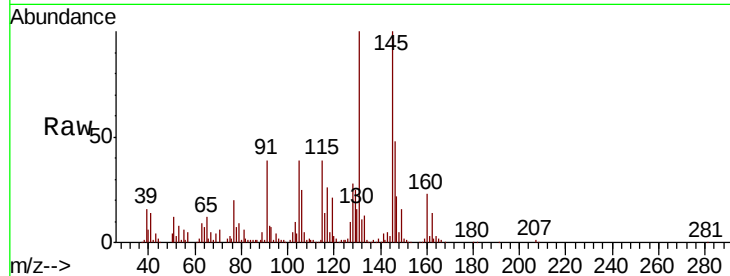




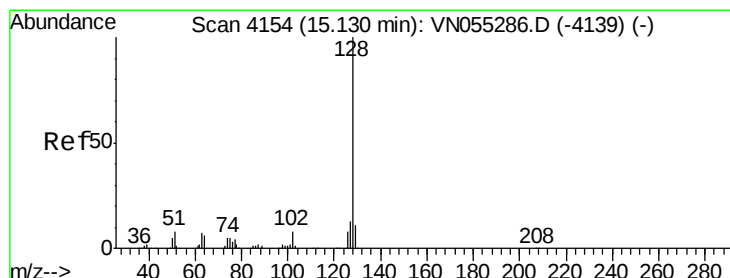
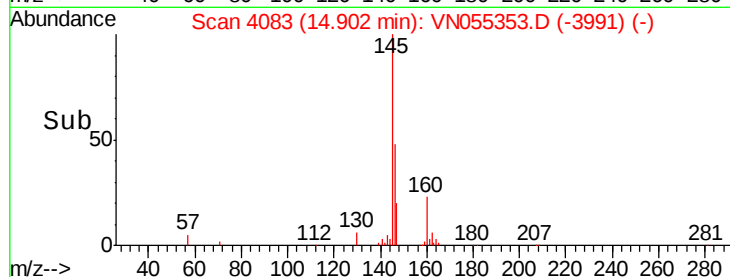
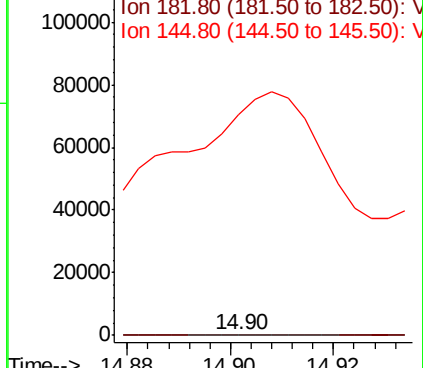
#93
 1,2,4-Trichlorobenzene
 Concen: 3.363 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

Tot Ion:180 Resp: 218
 Ion Ratio Lower Upper
 180 100
 182 65.6 48.3 144.9
 145 75891.3 14.2 42.6#

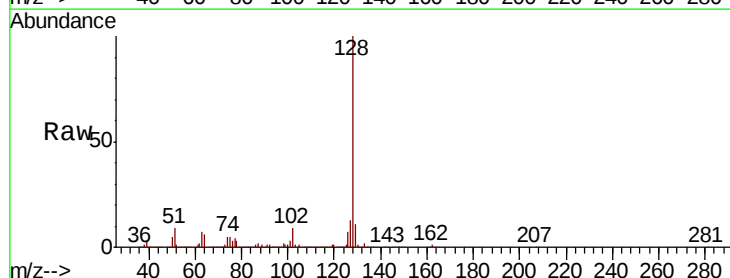


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

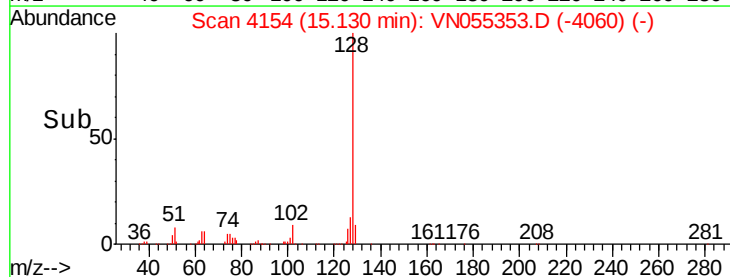
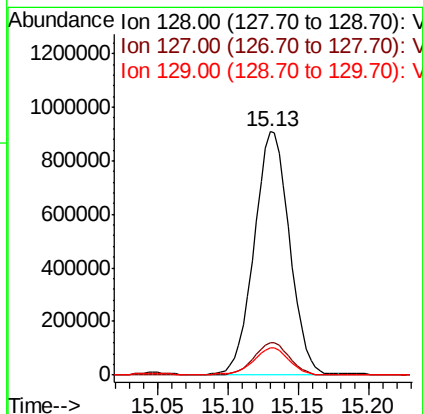


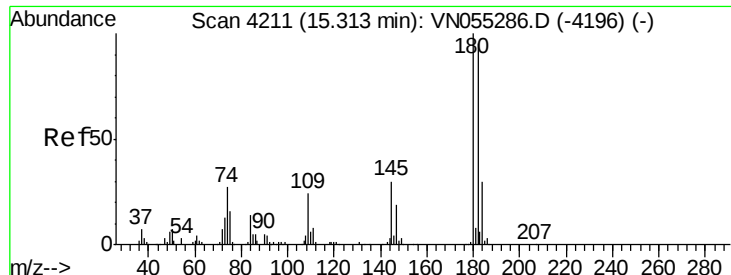
#95
 Naphthalene
 Concen: 181.823 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Tgt Ion:128 Resp: 1581513
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.7 16.1
 129 10.9 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

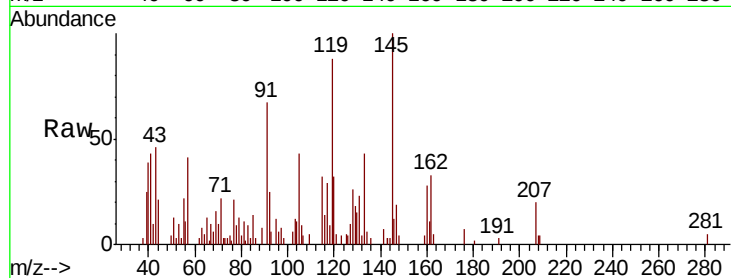




#96
 1,2,3-Trichlorobenzene
 Concen: 2.620 ug/l
 RT: 15.34 min Scan# 4218
 Delta R.T. 0.02 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	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

