

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055366.D
 Acq On : 2 May 2019 23:02
 Operator : JC/SP
 Sample : K2658-02 10X
 Misc : 6.06µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)

Quant Time: May 03 05:19:22 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	409609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	702693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	646993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	275644	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	7.59	113	218869	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.09	98	875780	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.40	95	387504	74.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.90%	

Target Compounds

					Qvalue	
16) Acetone	3.83	43	1073	0.643	ug/l	98
18) Methyl Acetate	4.34	43	3751	Below Cal	#	86
31) Cyclohexane	7.67	56	10274	1.219	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	32268	4.794	ug/l #	49
38) Carbon Tetrachloride	7.67	117	38199	5.883	ug/l #	17
39) Methylcyclohexane	9.08	83	27967	3.908	ug/l	99
41) Methacrylonitrile	7.15	41	31	0.751	ug/l #	1
43) Isopropyl Acetate	8.25	43	14035	1.693	ug/l #	56
48) Methyl methacrylate	9.15	41	2410	0.591	ug/l #	46
51) 4-Methyl-2-Pentanone	10.09	43	14745	3.159	ug/l #	68
55) 1,1,2-Trichloroethane	10.53	97	34435	8.145	ug/l #	19
56) Ethyl methacrylate	10.44	69	16725	3.214	ug/l #	1
59) 2-Hexanone	10.72	43	166233	56.922	ug/l #	32
67) Ethyl Benzene	11.51	91	38819	1.699	ug/l	94
68) m/p-Xylenes	11.63	106	121369	14.885	ug/l	96
71) Bromoform	12.39	173	727	0.265	ug/l #	1
73) Isopropylbenzene	12.25	105	360802	14.176	ug/l	99
74) N-amyl acetate	12.04	43	1388161	196.122	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.47	83	92662	14.713	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	7963	Below Cal	#	100
77) Bromobenzene	12.54	156	225	Below Cal	#	1
78) n-propylbenzene	12.59	91	1169549	41.283	ug/l	99
79) 2-Chlorotoluene	12.69	91	126344	6.116	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.69	105	964072	44.588	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.40	75	153274	105.318	ug/l #	23
82) 4-Chlorotoluene	12.69	91	126344	7.670	ug/l #	42
83) tert-Butylbenzene	12.99	119	86140	2.886	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	6674864	345.180	ug/l	99
85) sec-Butylbenzene	13.17	105	677509	28.829	ug/l #	67
86) p-Isopropyltoluene	13.29	119	715513	37.043	ug/l	98
89) n-Butylbenzene	13.61	91	547081	39.859	ug/l #	73
90) Hexachloroethane	13.89	117	84673	26.959	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	4017	5.536	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	777	3.512	ug/l #	1

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

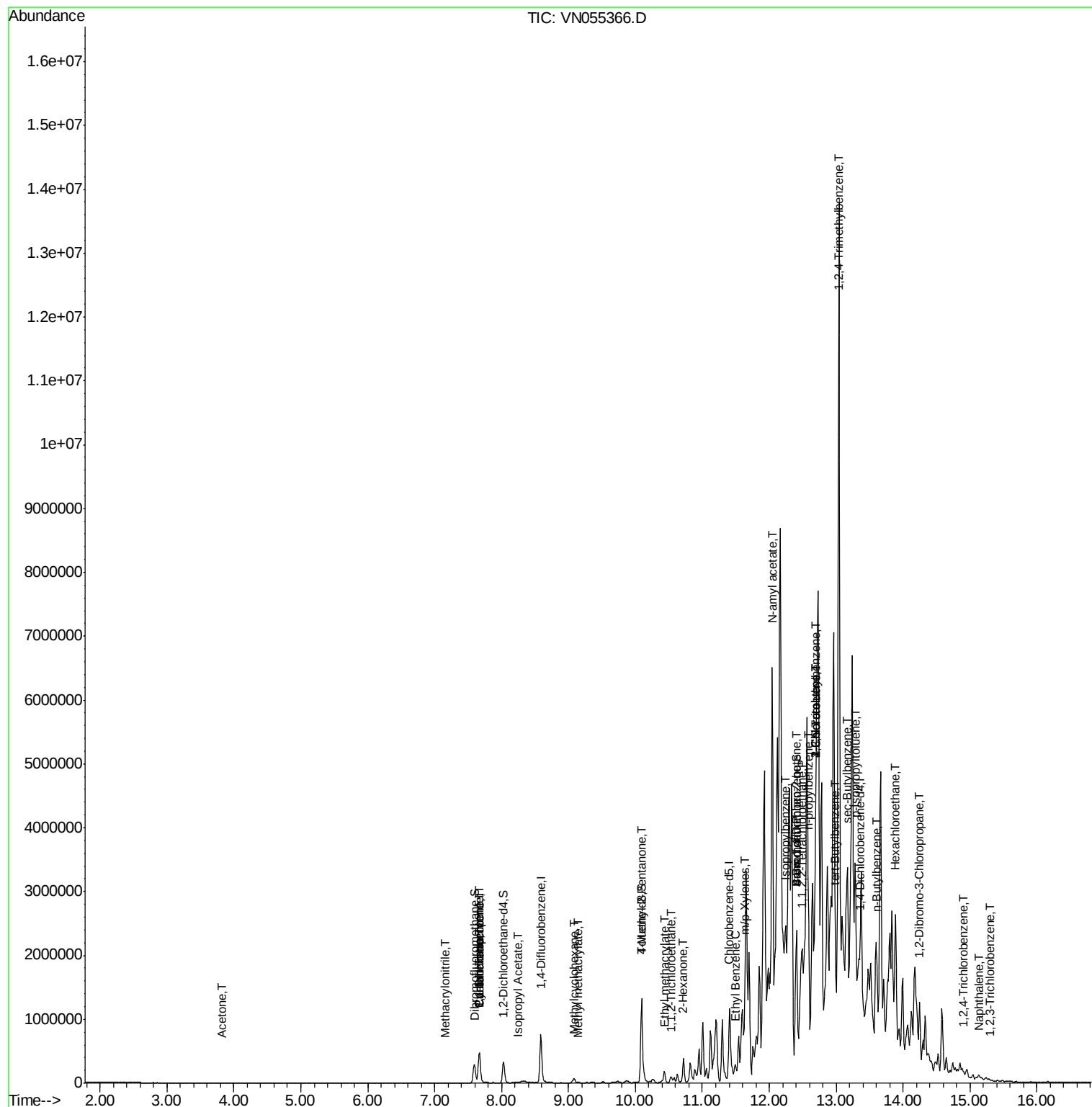
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	483	Below Cal	# 44
95) Naphthalene	15.13	128	56076	10.156 ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	1104	2.907 ug/l	# 1

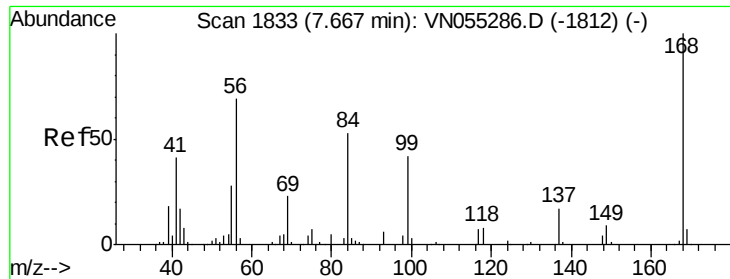
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

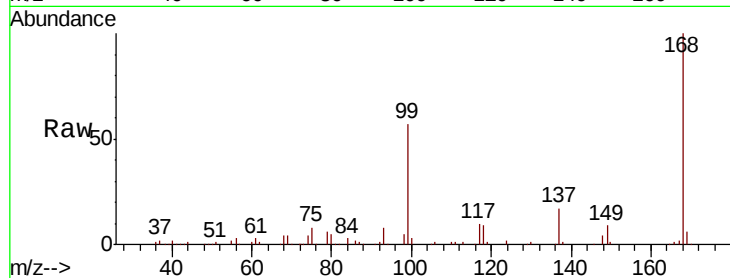
EP1-SB-W2(17-20)

Tot Ion:168 Resp: 409609

Ion Ratio Lower Upper

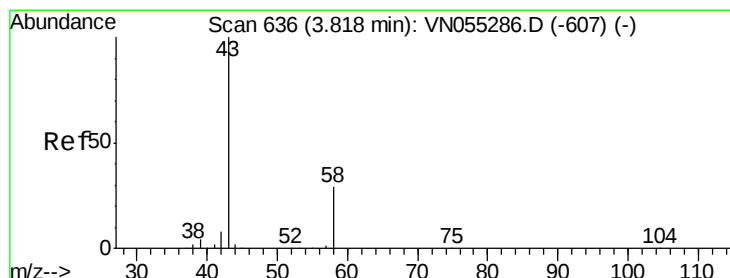
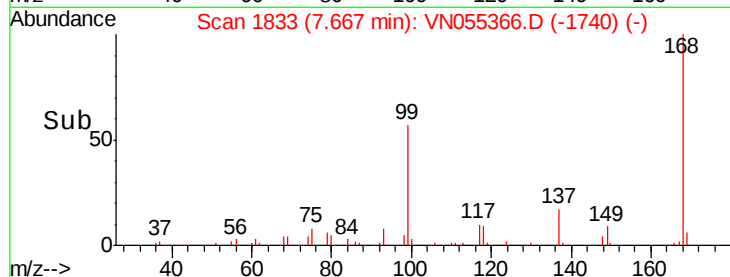
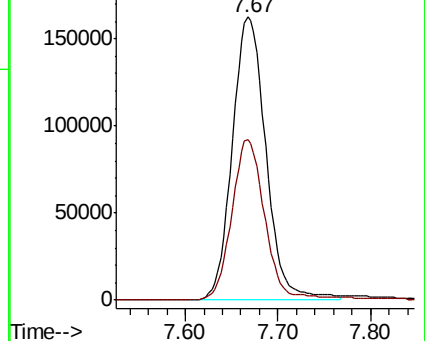
168 100

99 56.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.643 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055366.D

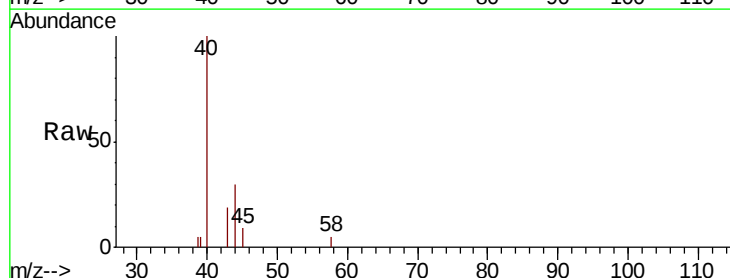
Acq: 2 May 2019 23:02

Tgt Ion: 43 Resp: 1073

Ion Ratio Lower Upper

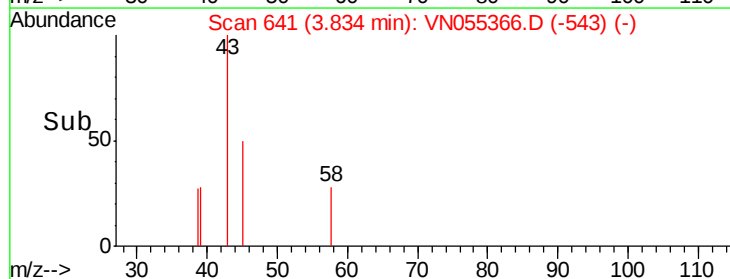
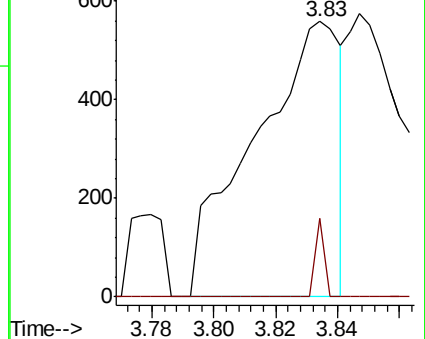
43 100

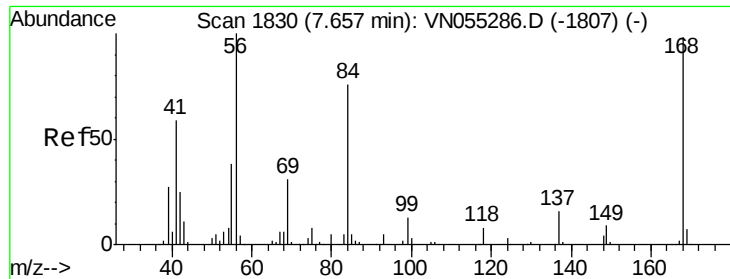
58 28.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

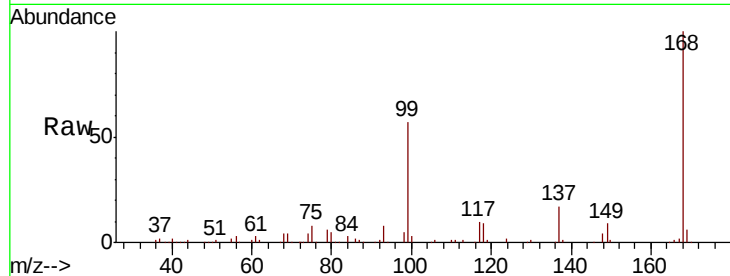




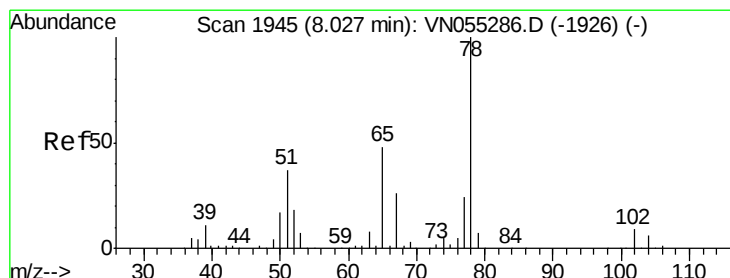
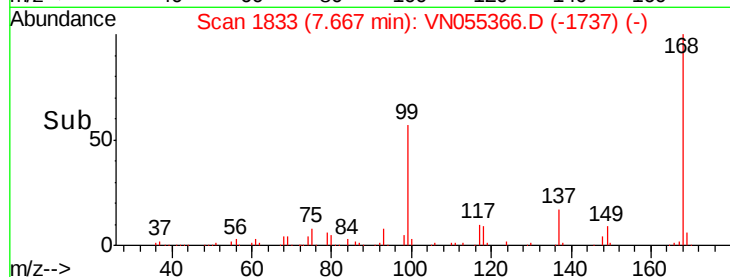
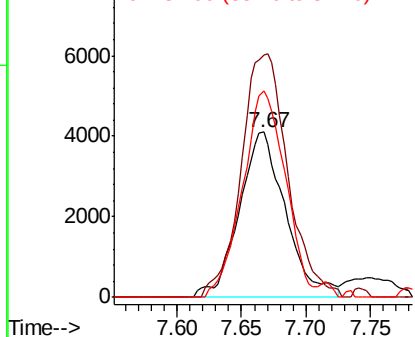
#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)

Tot Ion: 56 Resp: 10274
Ion Ratio Lower Upper
56 100
69 146.1 25.2 37.8#
84 124.5 61.1 91.7#

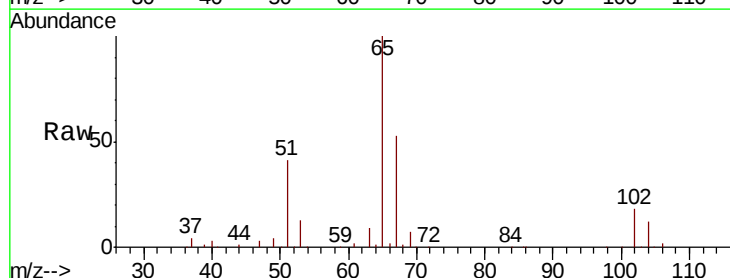


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

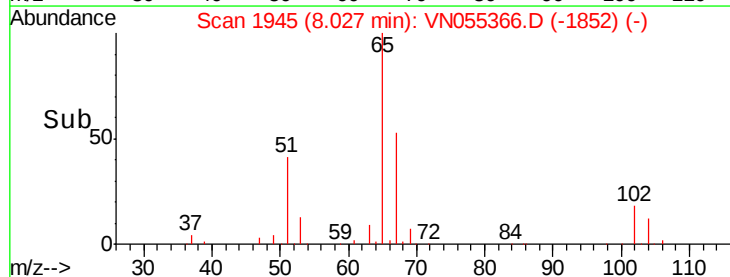
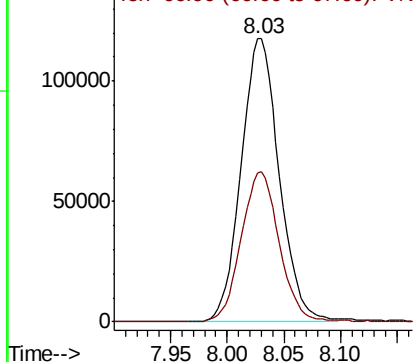


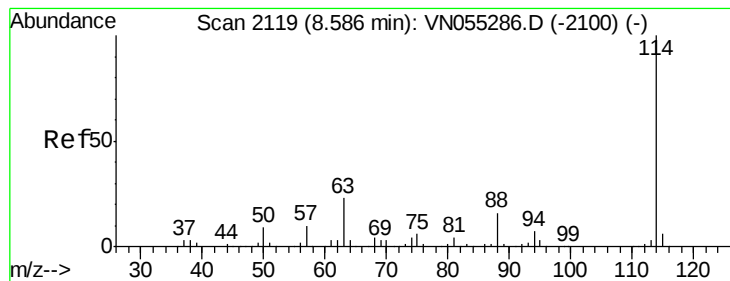
#33
1,2-Dichloroethane-d4
Concen: 51.439 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion: 65 Resp: 275644
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

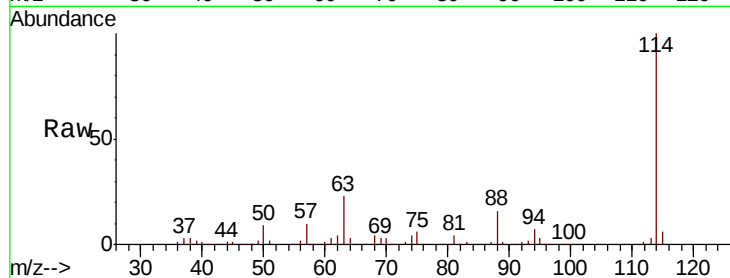
Tot Ion:114 Resp: 702693

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

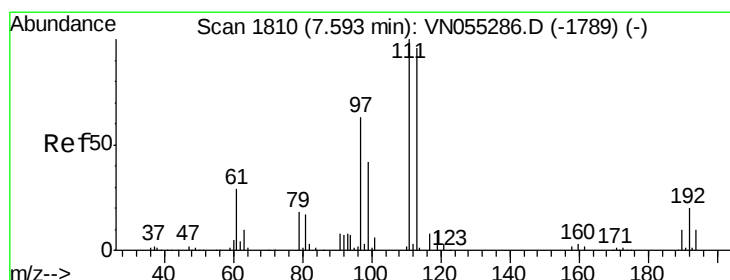
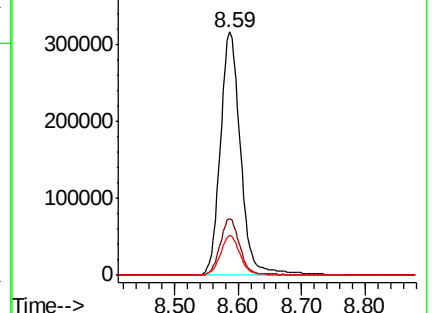
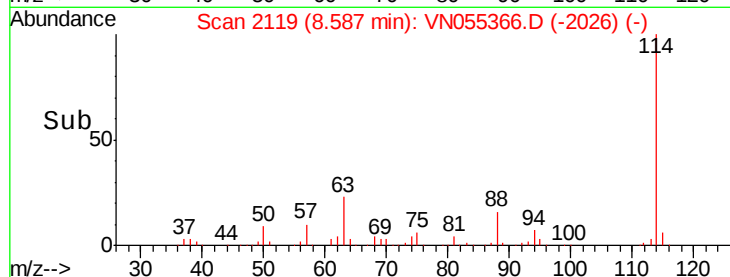
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.454 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

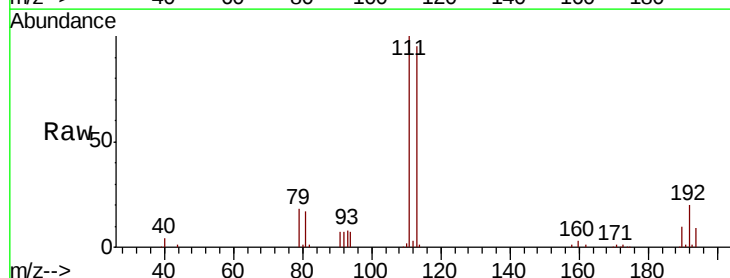
Tgt Ion:113 Resp: 218869

Ion Ratio Lower Upper

113 100

111 105.4 82.3 123.5

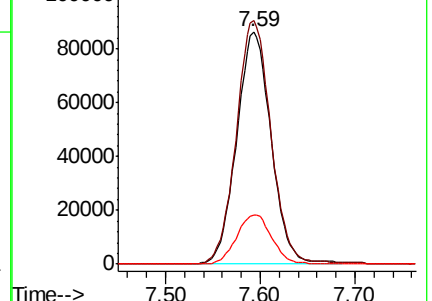
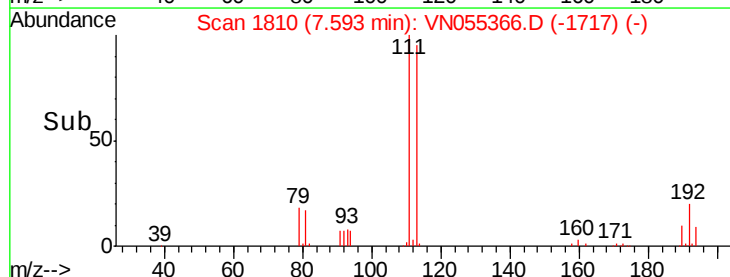
192 21.5 17.0 25.6

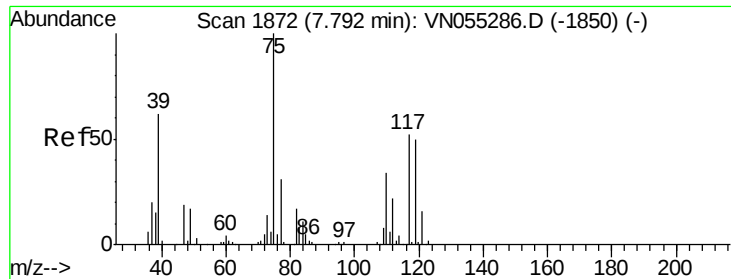


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

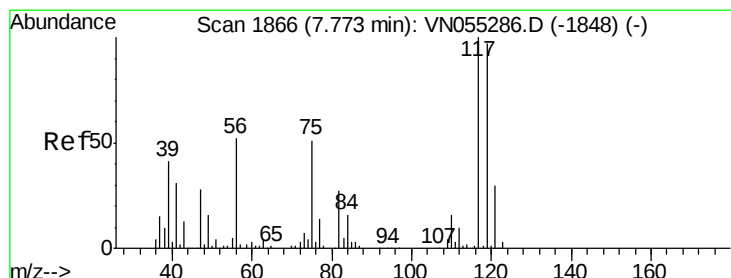
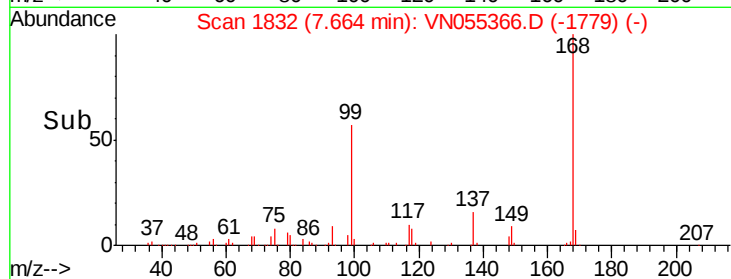
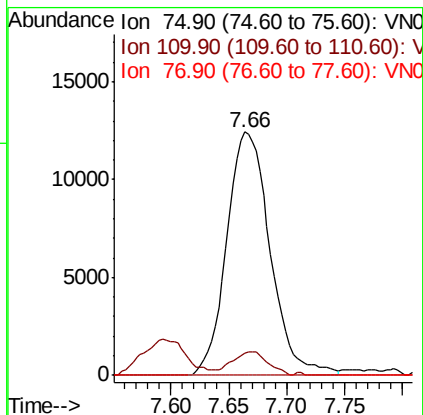
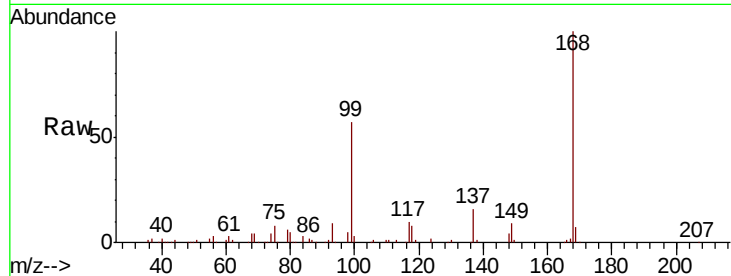




#36
 1,1-Dichloropropene
 Concen: 4.794 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

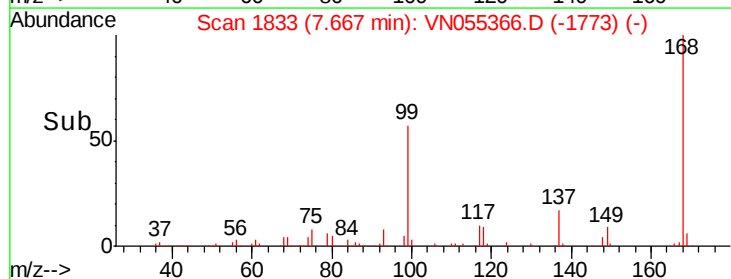
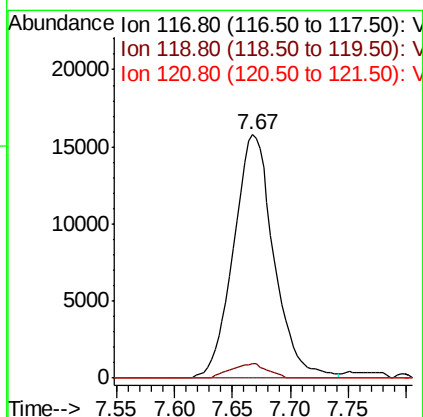
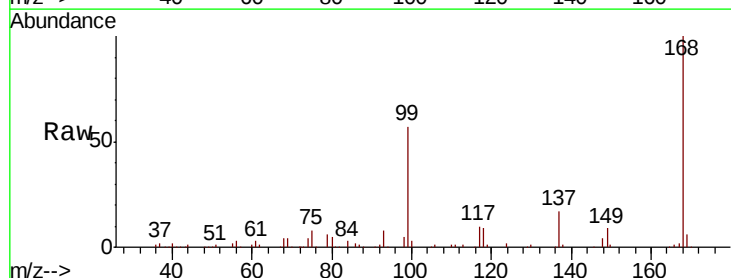
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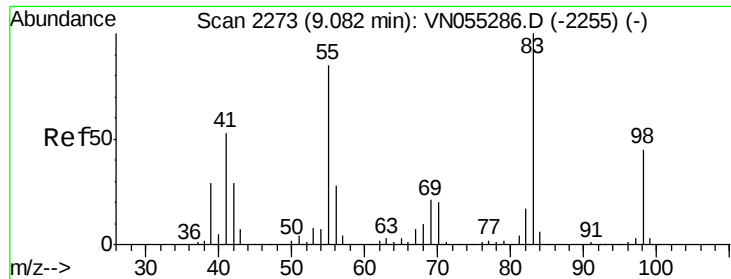
Tot Ion: 75 Resp: 32268
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.883 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

Tgt Ion: 117 Resp: 38199
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.0 115.6#
 121 0.0 23.8 35.8#

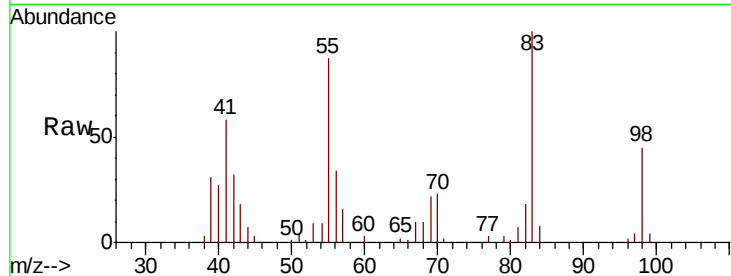




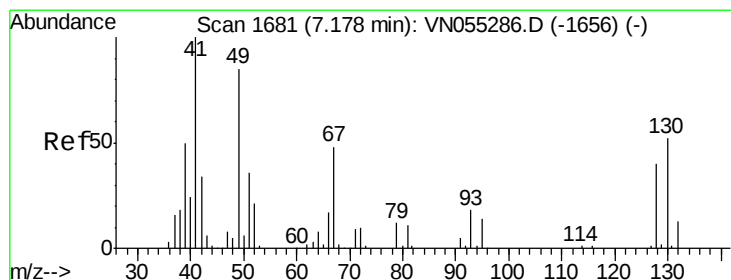
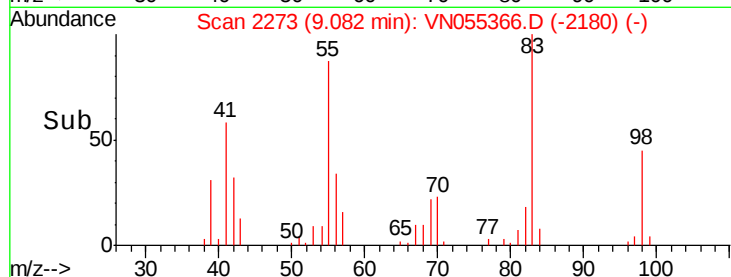
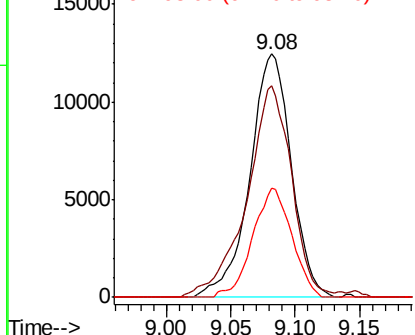
#39
Methvlcvclohexane
Concen: 3.908 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Instrument :
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EP1-SB-W2(17-20)

Tot Ion: 83 Resp: 27967
Ion Ratio Lower Upper
83 100
55 85.4 67.8 101.6
98 45.0 36.2 54.4

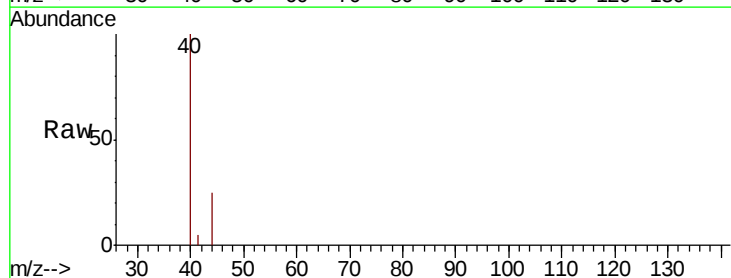


Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

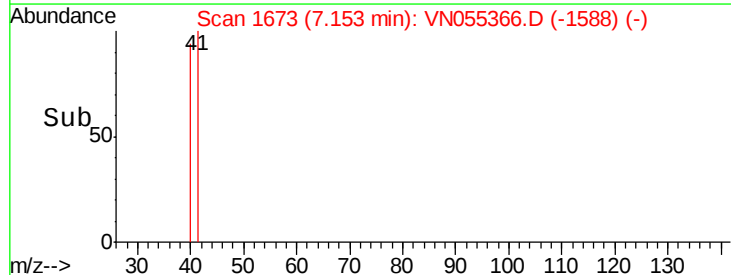
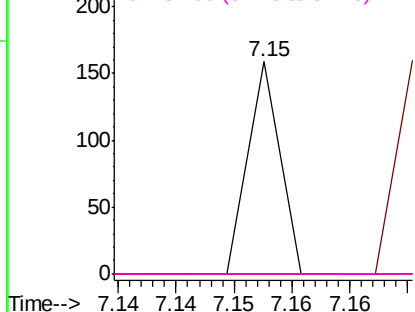


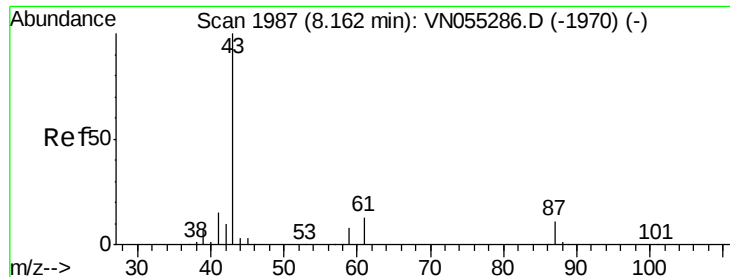
#41
Methacrylonitrile
Concen: 0.751 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.03 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion: 41 Resp: 31
Ion Ratio Lower Upper
41 100
39 554.8 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): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 1.693 ug/l

RT: 8.25 min Scan# 2013

Delta R.T. 0.08 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

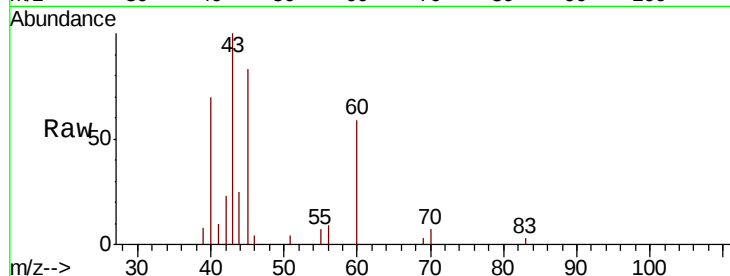
Tot Ion: 43 Resp: 14035

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

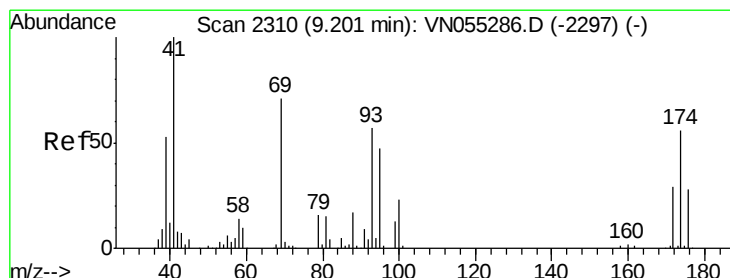
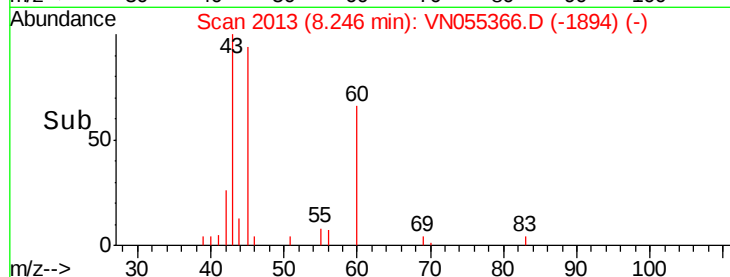
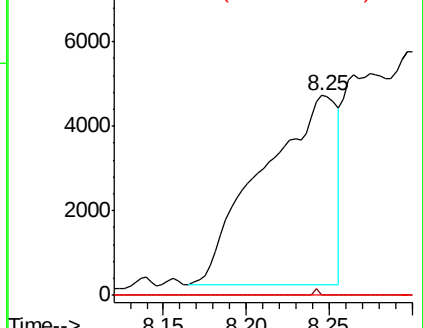
87 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 61.00 (60.70 to 61.70): VNC

Ion 87.00 (86.70 to 87.70): VNC



#48

Methyl methacrylate

Concen: 0.591 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.05 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

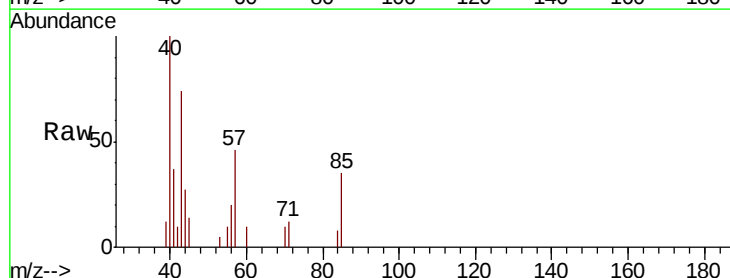
Tgt Ion: 41 Resp: 2410

Ion Ratio Lower Upper

41 100

69 10.8 58.6 87.8#

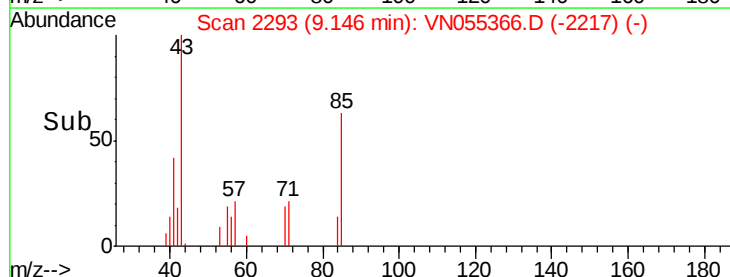
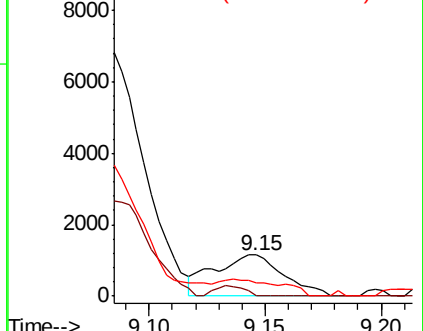
39 35.6 43.8 65.6#

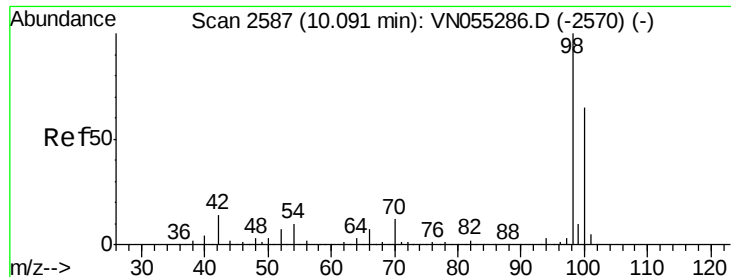


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 52.586 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

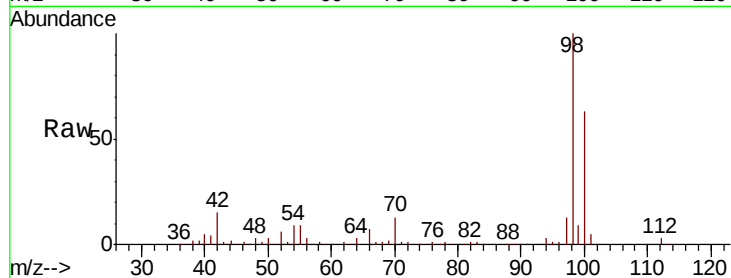
EP1-SB-W2(17-20)

Tot Ion: 98 Resp: 875780

Ion Ratio Lower Upper

98 100

100 62.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

10.09

400000

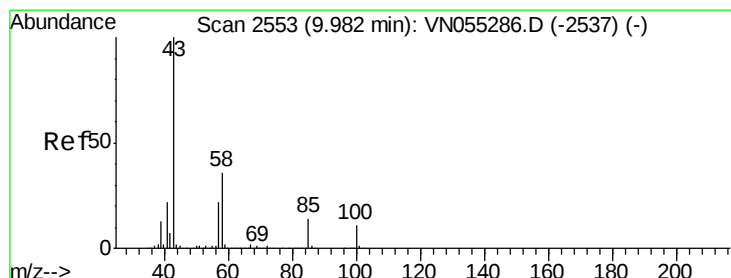
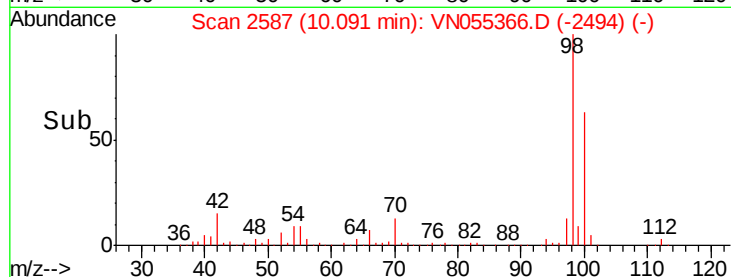
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.159 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.11 min

Lab File: VN055366.D

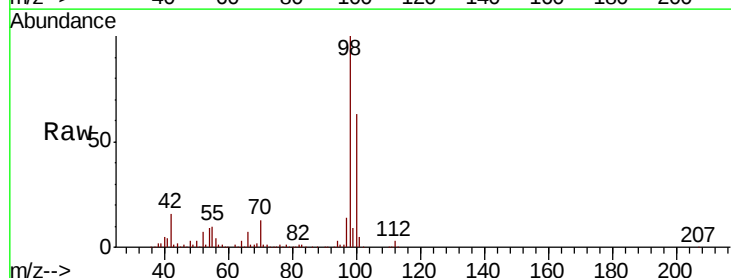
Acq: 2 May 2019 23:02

Tgt Ion: 43 Resp: 14745

Ion Ratio Lower Upper

43 100

58 54.3 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2537) (-)

10.09

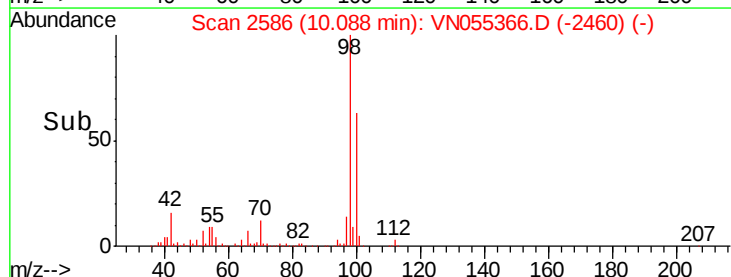
6000

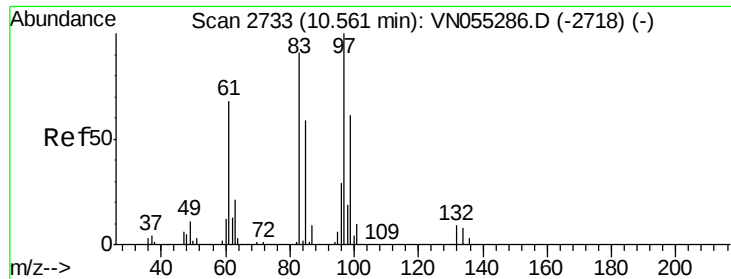
4000

2000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 8.145 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

Tot Ion: 97 Resp: 34435

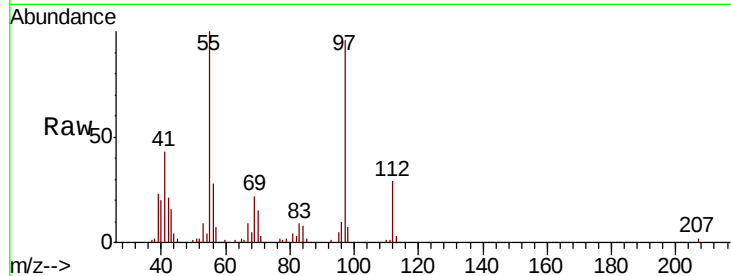
Ion Ratio Lower Upper

97 100

83 9.8 72.8 109.2#

85 2.2 47.0 70.6#

99 0.0 49.0 73.4#

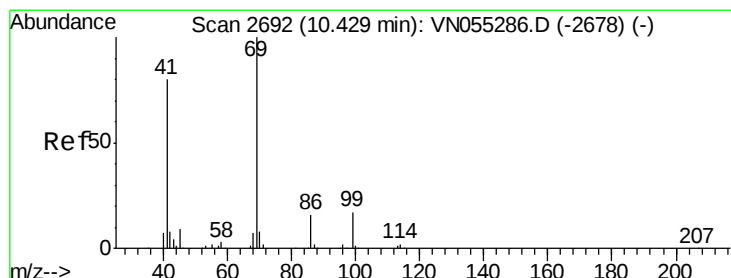
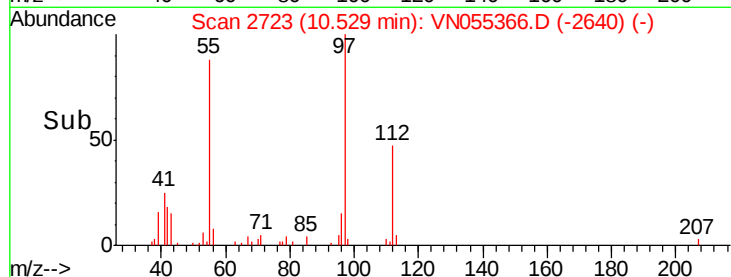
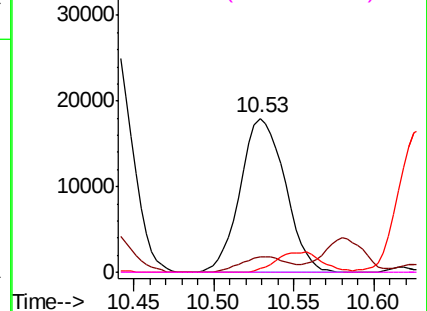


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 3.214 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

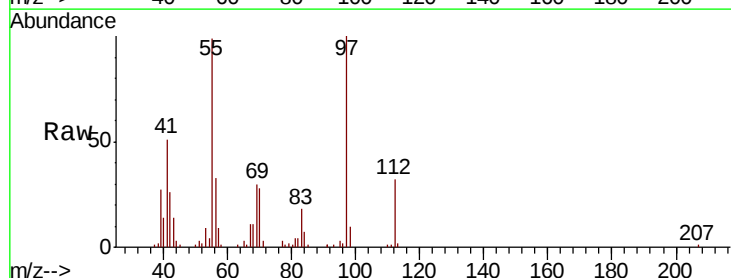
Tgt Ion: 69 Resp: 16725

Ion Ratio Lower Upper

69 100

41 183.4 62.7 94.1#

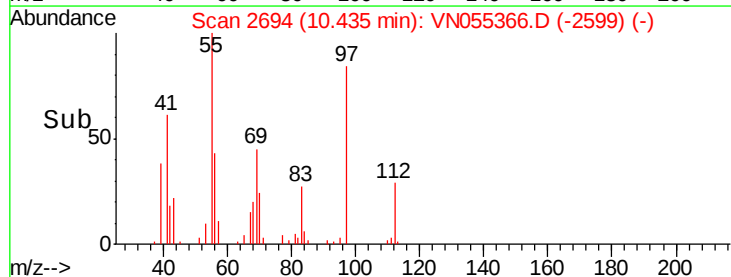
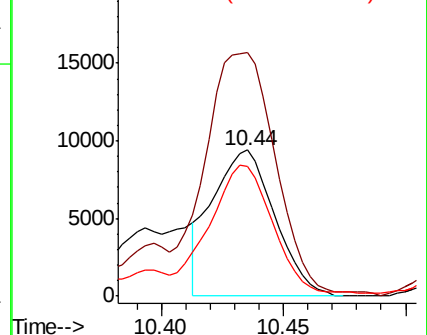
39 88.1 32.0 48.0#

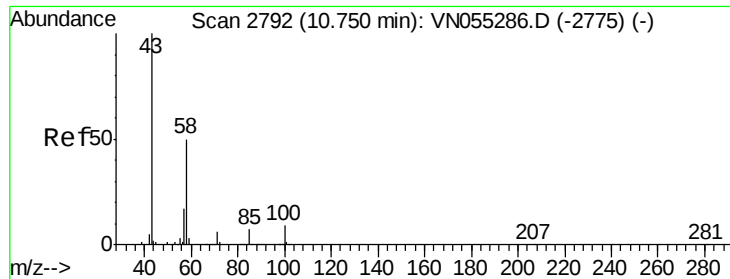


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

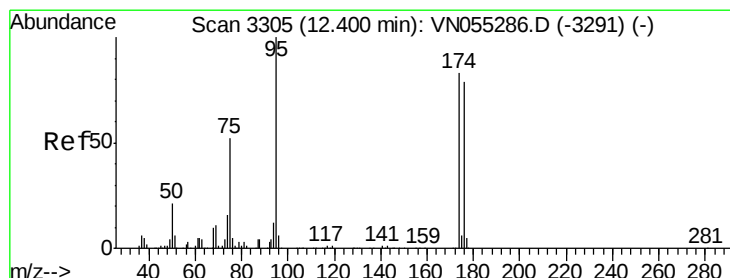
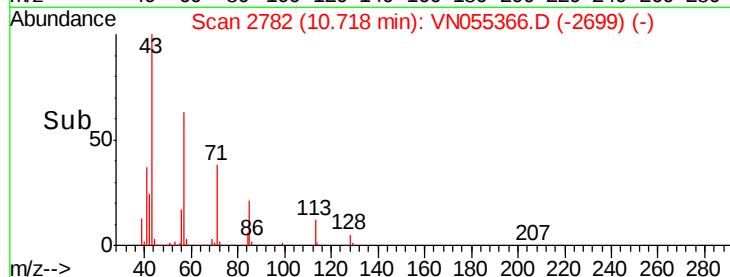
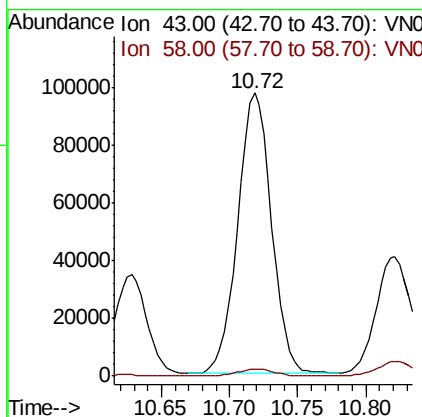
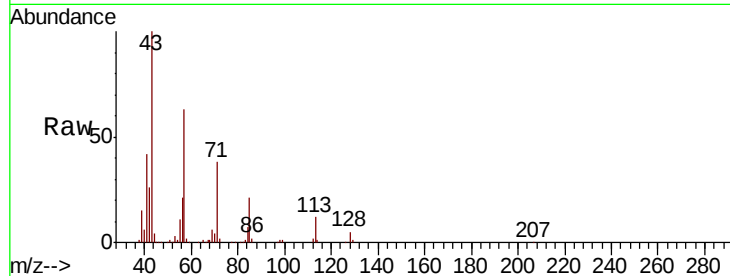




#59
2-Hexanone
Concen: 56.922 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

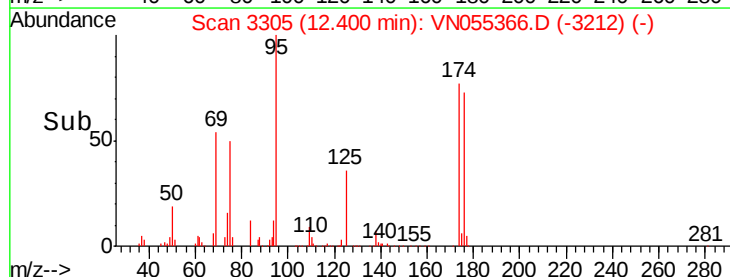
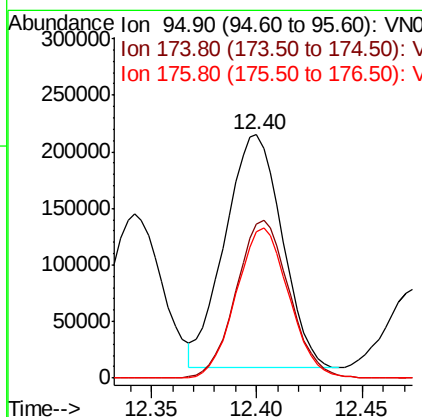
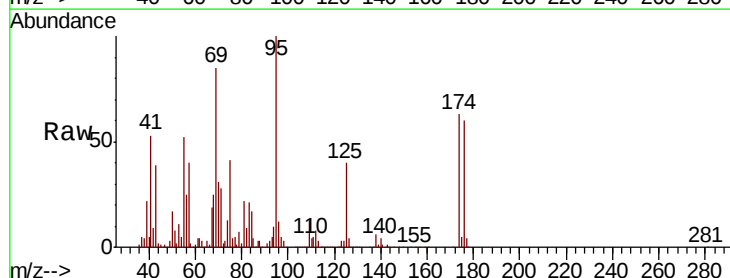
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)

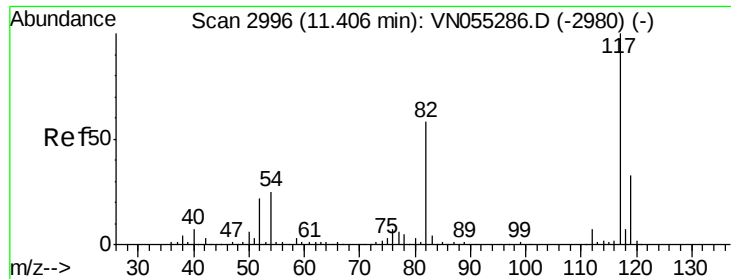
Tot Ion: 43 Resp: 166233
Ion Ratio Lower Upper
43 100
58 2.7 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 74.448 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion: 95 Resp: 387504
Ion Ratio Lower Upper
95 100
174 63.1 0.0 166.6
176 59.7 0.0 157.8

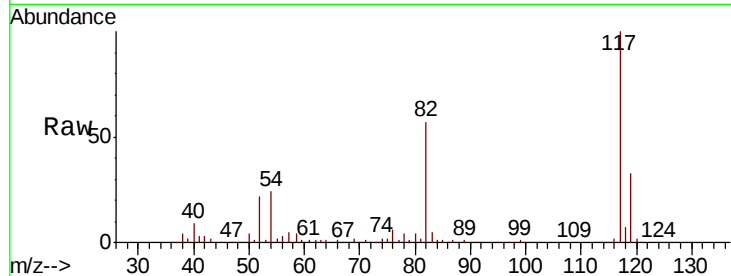




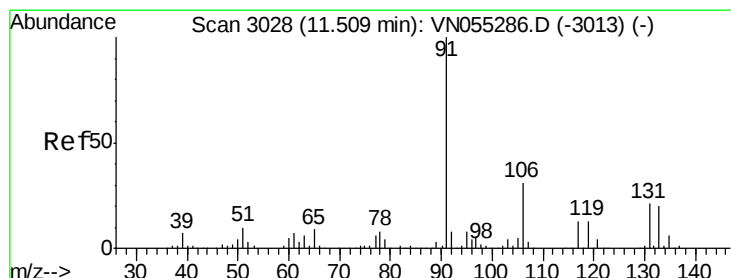
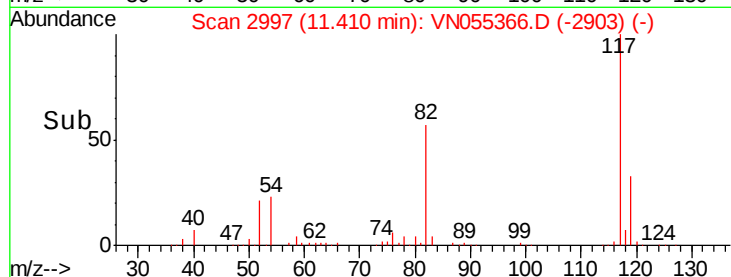
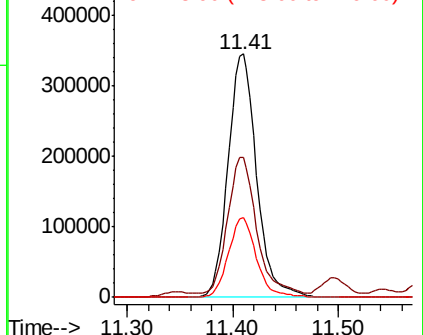
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)

Tot Ion:117 Resp: 646993
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.7 26.6 40.0

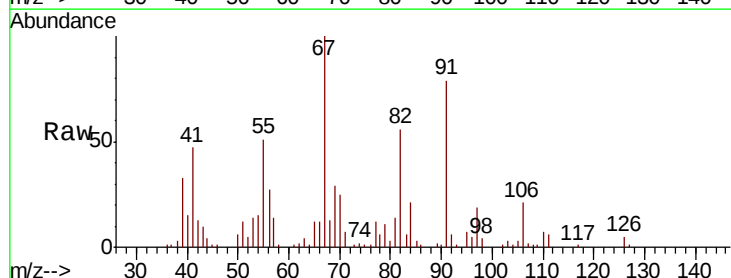


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

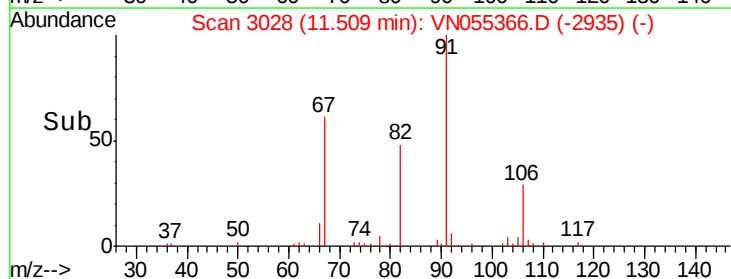
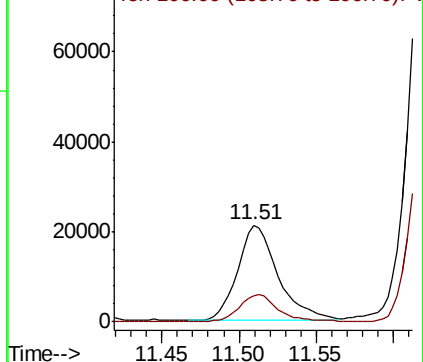


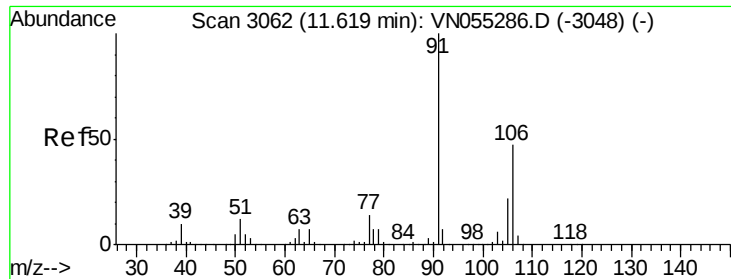
#67
Ethyl Benzene
Concen: 1.699 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion: 91 Resp: 38819
Ion Ratio Lower Upper
91 100
106 27.4 24.6 36.8



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

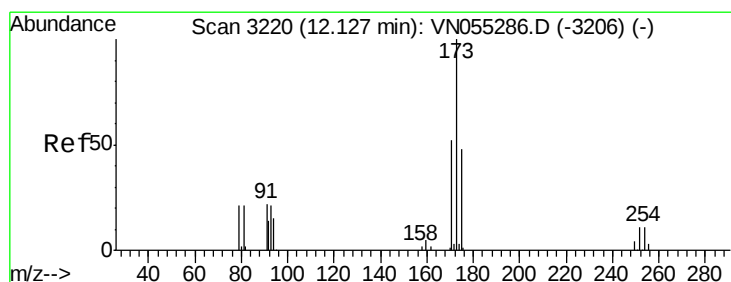
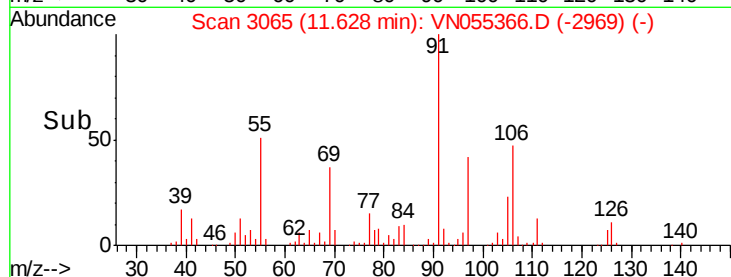
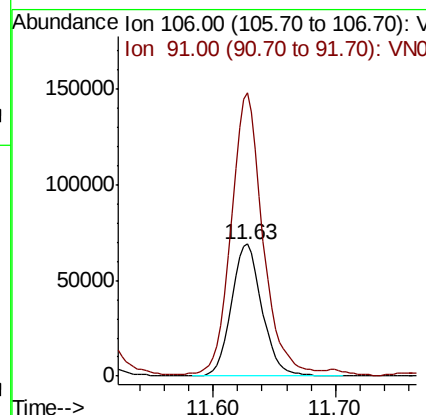
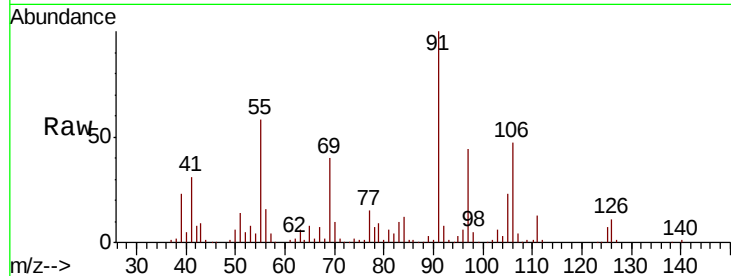




#68
m/p-Xvlenes
Concen: 14.885 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

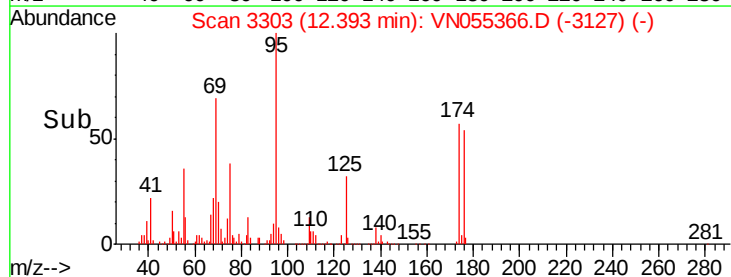
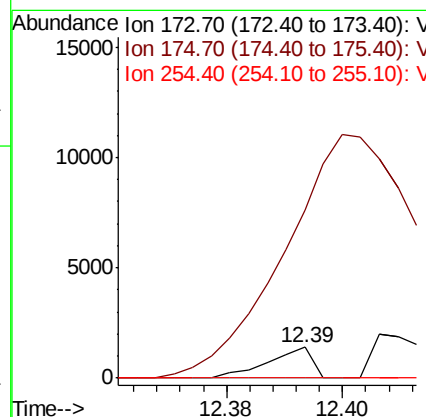
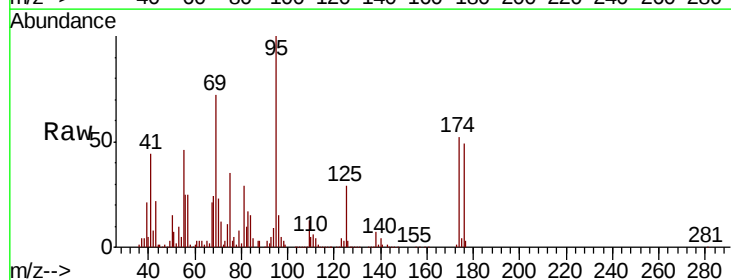
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)

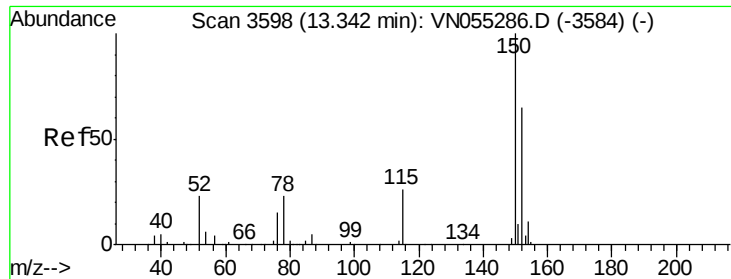
Tot Ion:106 Resp: 121369
Ion Ratio Lower Upper
106 100
91 218.3 169.5 254.3



#71
Bromoform
Concen: 0.265 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion:173 Resp: 727
Ion Ratio Lower Upper
173 100
175 2155.8 23.6 71.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

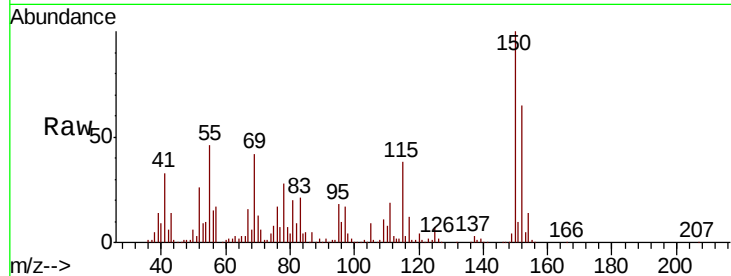
Tot Ion:152 Resp: 275799

Ion Ratio Lower Upper

152 100

115 69.1 29.0 87.0

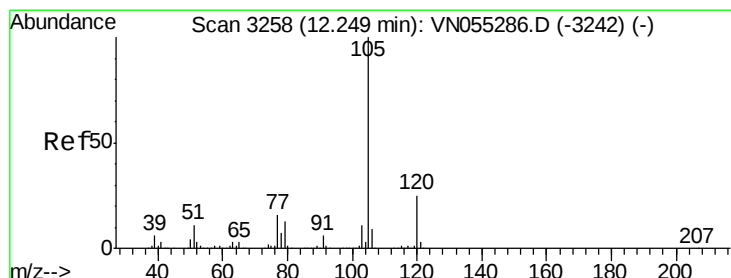
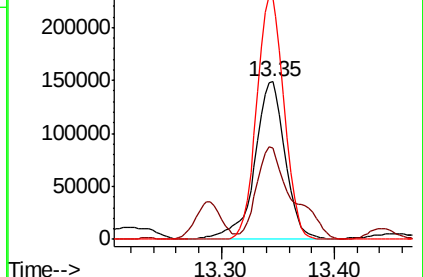
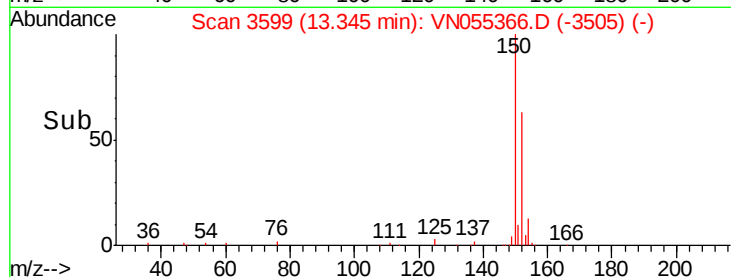
150 139.6 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 14.176 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055366.D

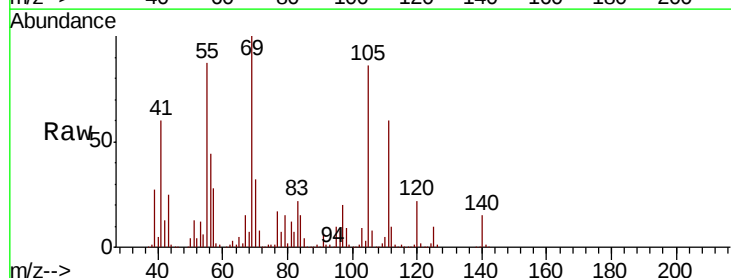
Acq: 2 May 2019 23:02

Tgt Ion:105 Resp: 360802

Ion Ratio Lower Upper

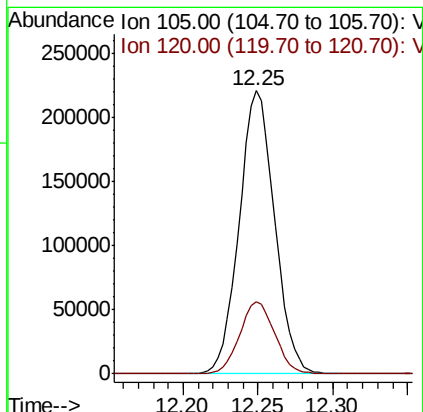
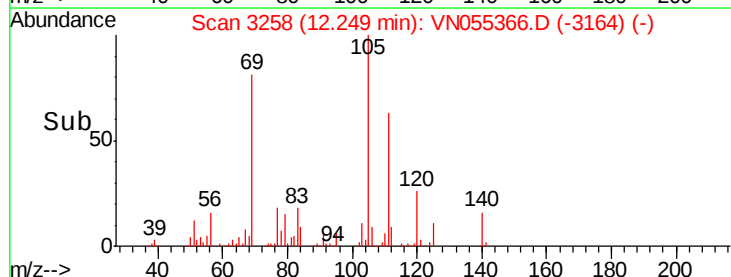
105 100

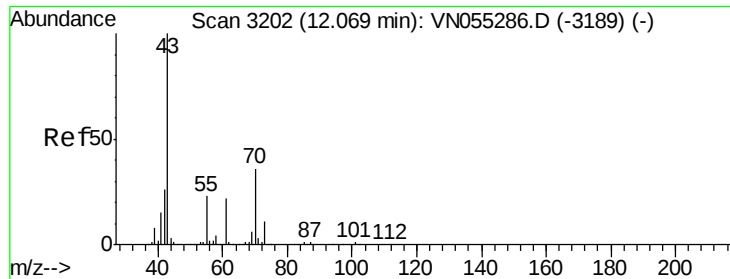
120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 196.122 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

Tot Ion: 43 Resp: 1388161

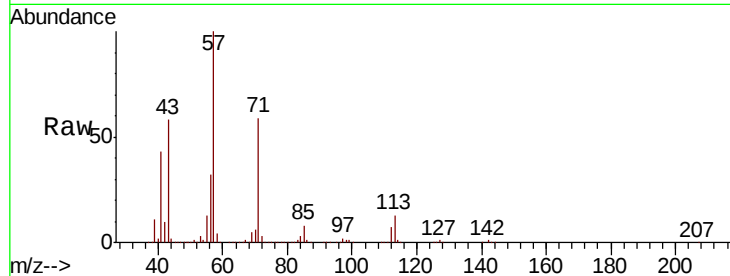
Ion Ratio Lower Upper

43 100

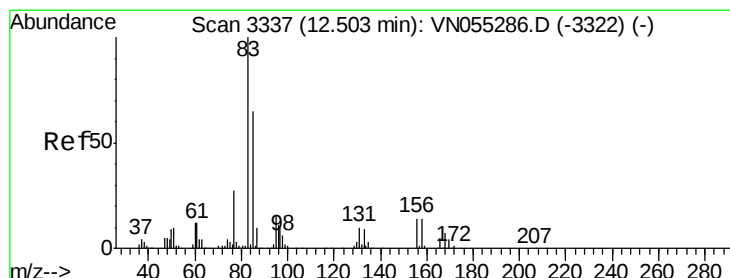
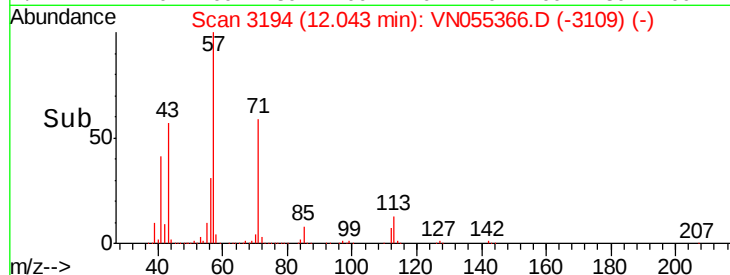
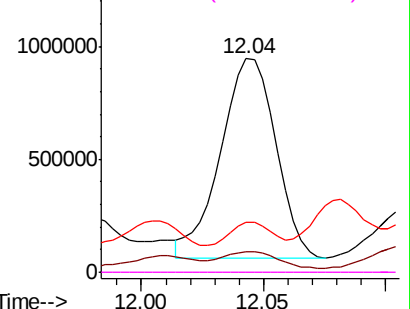
70 7.8 27.9 41.9#

55 8.7 18.2 27.2#

61 0.0 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: 14.713 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

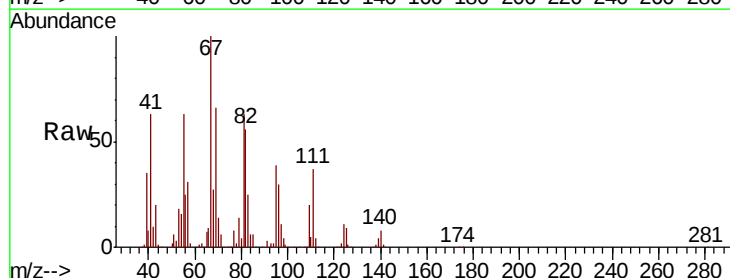
Tgt Ion: 83 Resp: 92662

Ion Ratio Lower Upper

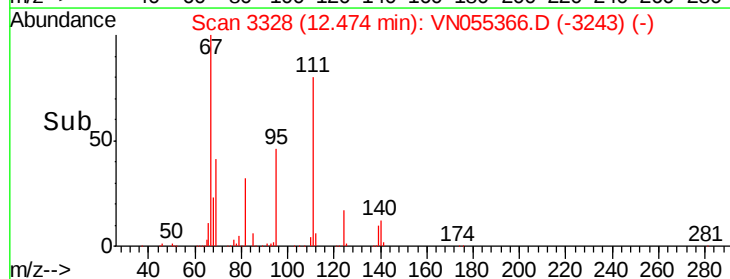
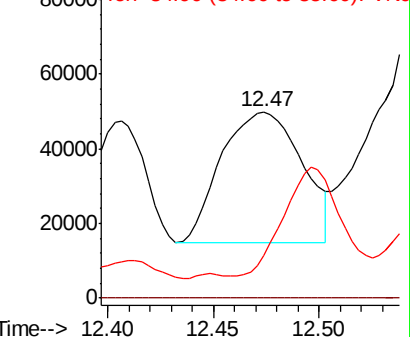
83 100

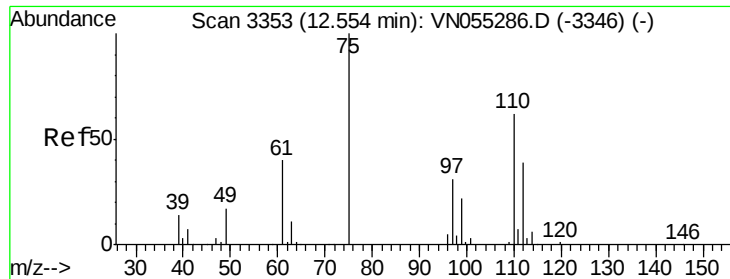
131 0.0 5.1 15.2#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VNO

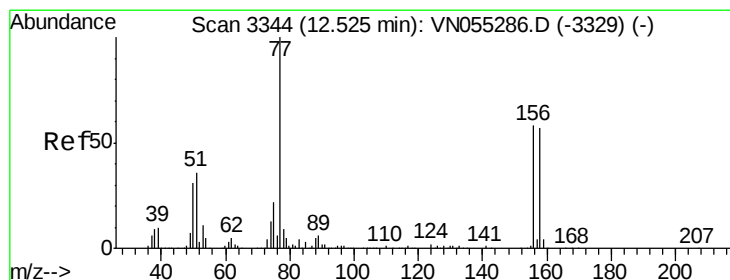
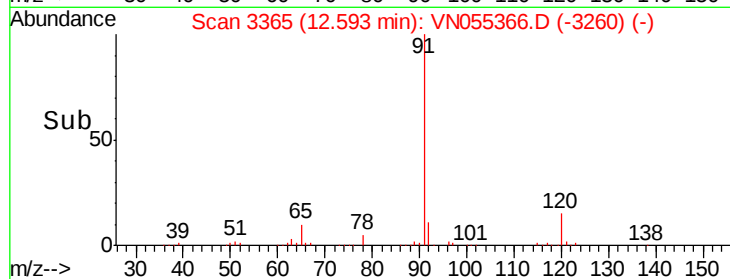
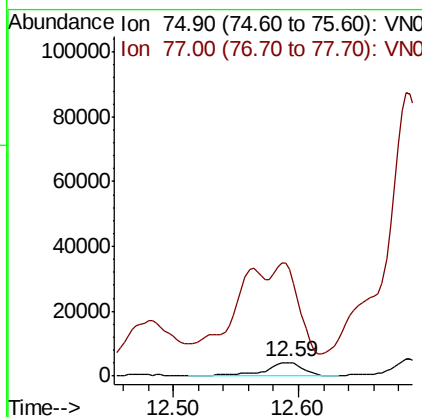
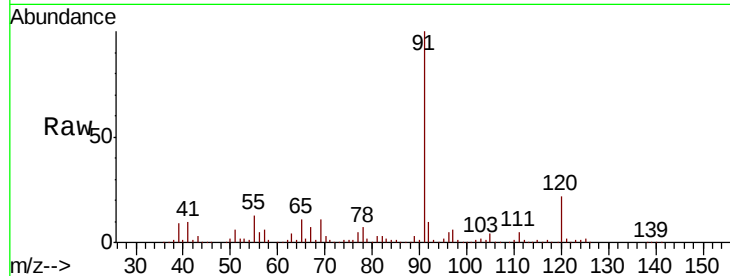




#76
 1,2,3-Trichloropropane
 Concen: Below Cal
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.04 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

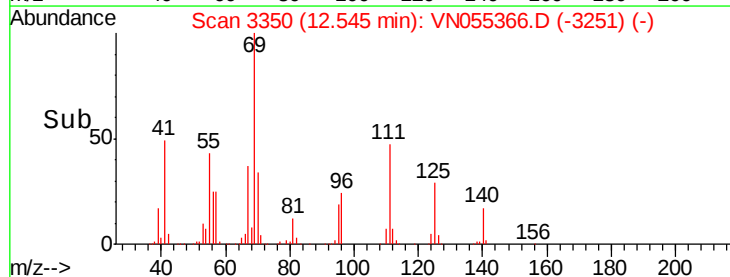
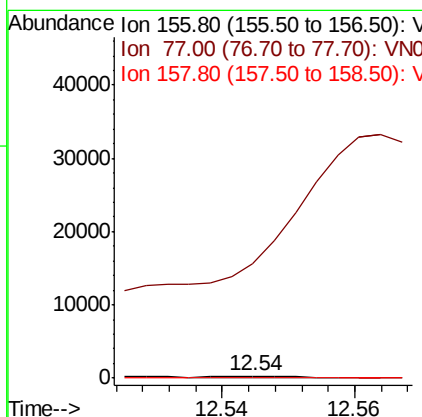
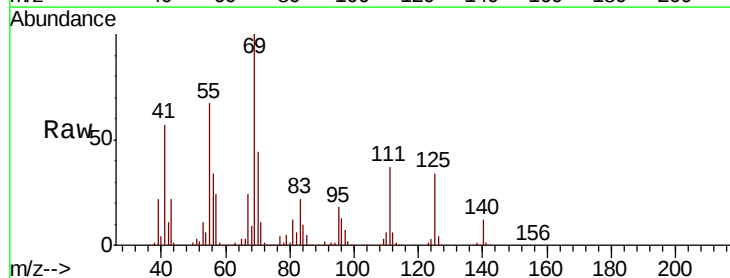
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)

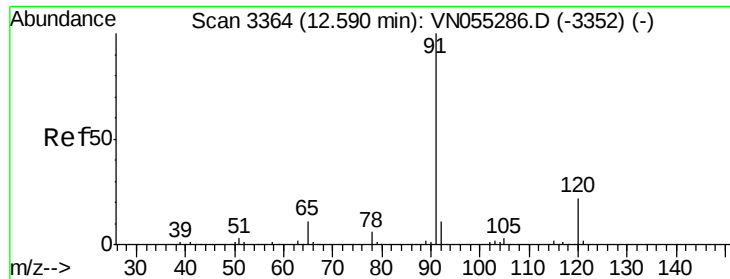
Tot Ion: 75 Resp: 7963
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.54 min Scan# 3350
 Delta R.T. 0.02 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

Tgt Ion: 156 Resp: 225
 Ion Ratio Lower Upper
 156 100
 77 12450.7 99.6 298.8#
 158 0.0 49.3 147.8#

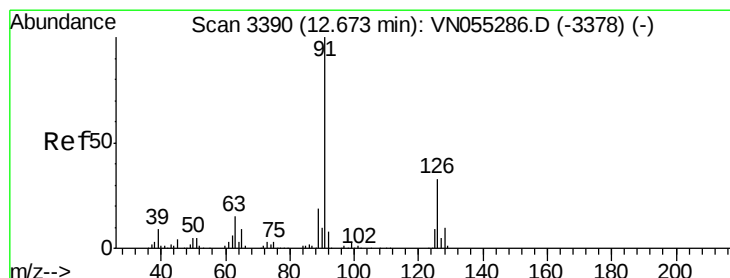
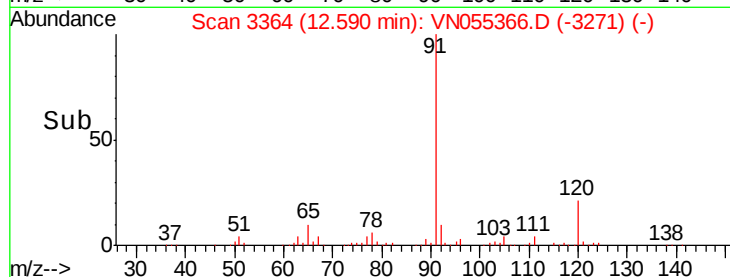
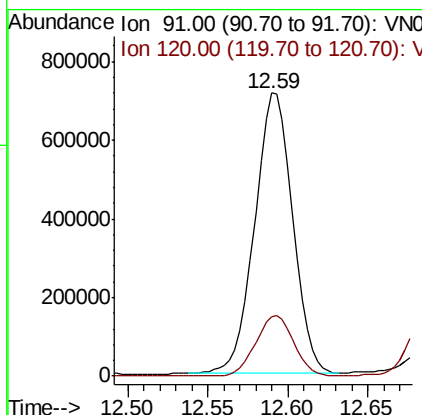
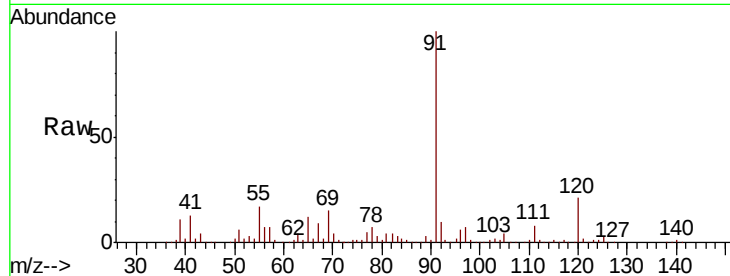




#78
n-propylbenzene
Concen: 41.283 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

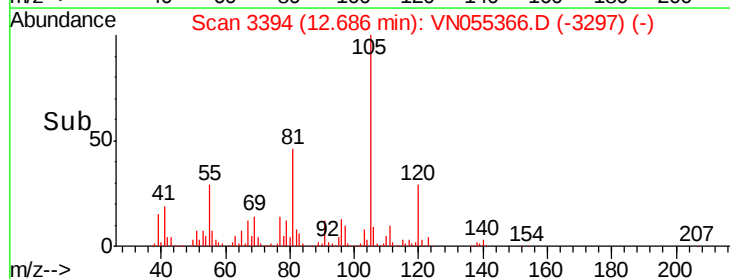
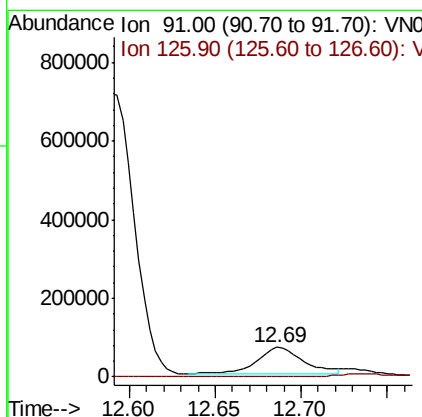
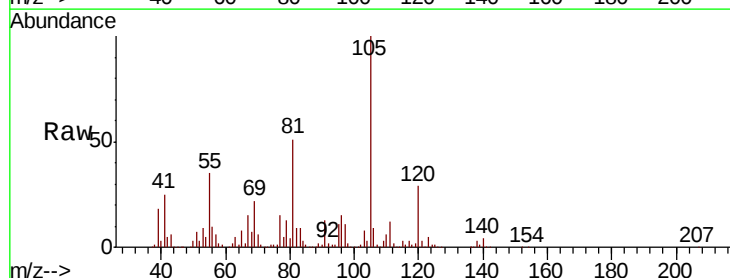
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)

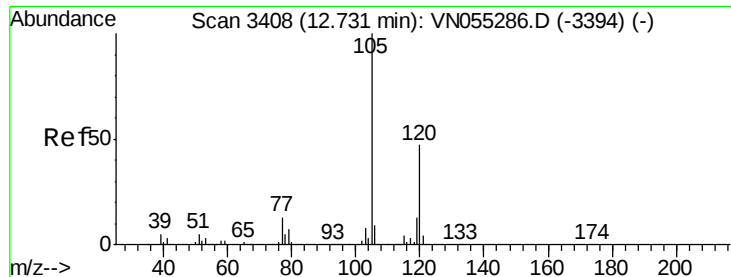
Tot Ion: 91 Resp: 1169549
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0



#79
2-Chlorotoluene
Concen: 6.116 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion: 91 Resp: 126344
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#





#80

1,3,5-Trimethylbenzene

Concen: 44.588 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.04 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

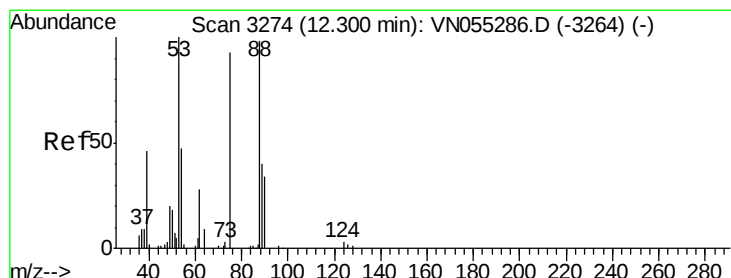
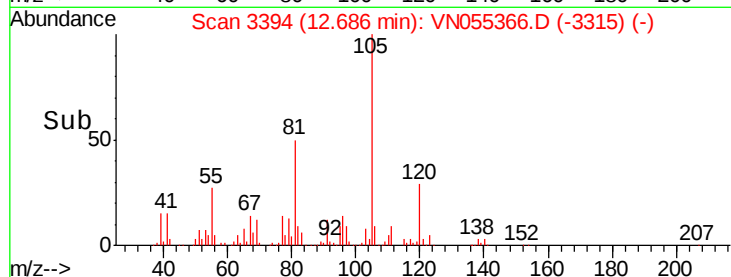
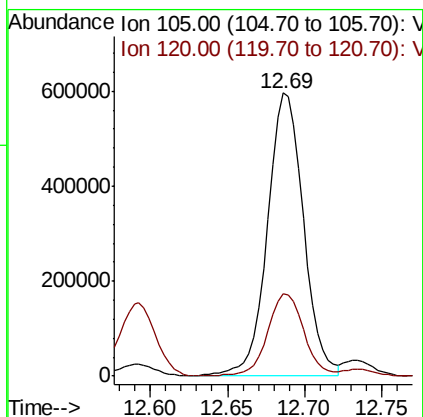
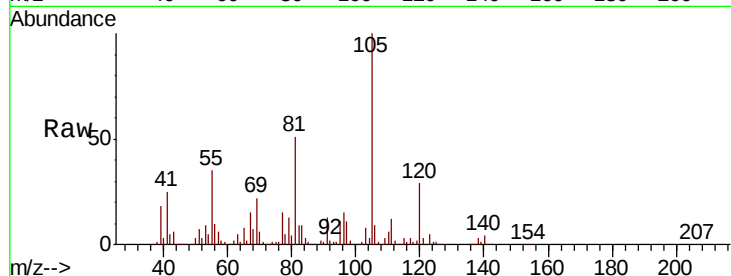
EP1-SB-W2(17-20)

Tot Ion:105 Resp: 964072

Ion Ratio Lower Upper

105 100

120 28.8 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 105.318 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

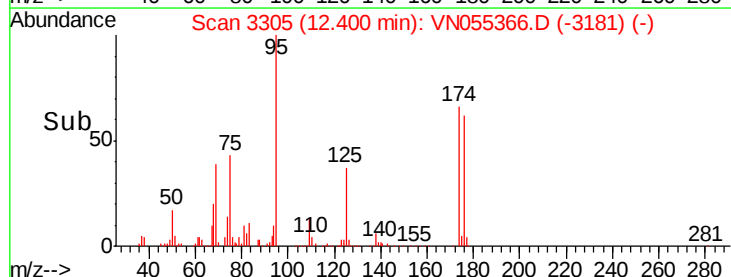
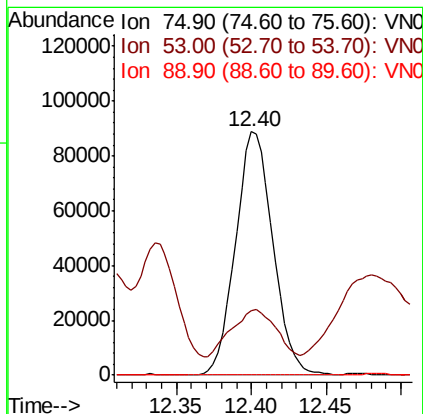
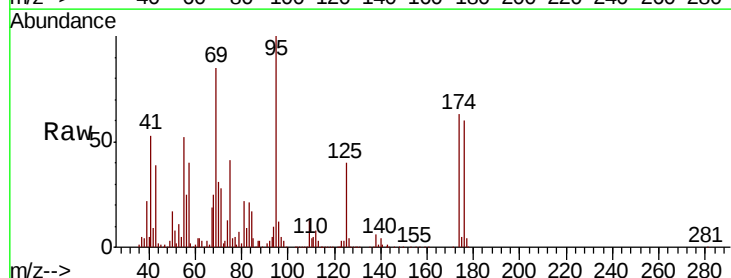
Tgt Ion: 75 Resp: 153274

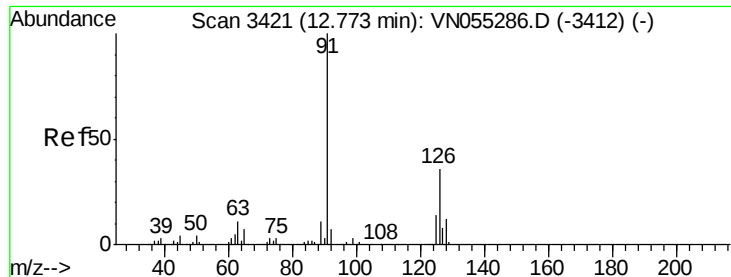
Ion Ratio Lower Upper

75 100

53 22.9 86.3 129.5#

89 0.0 34.6 51.8#

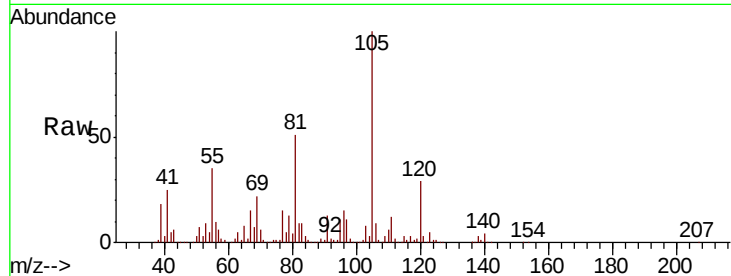




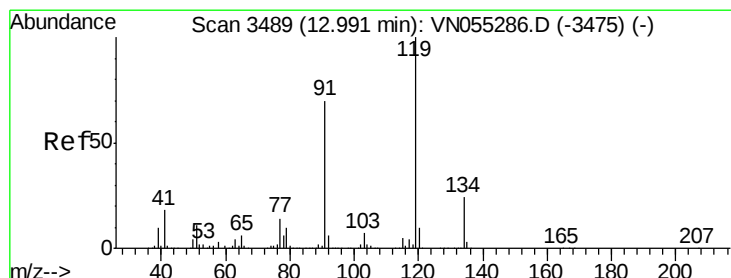
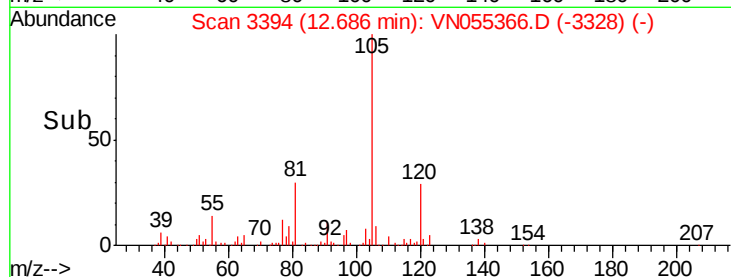
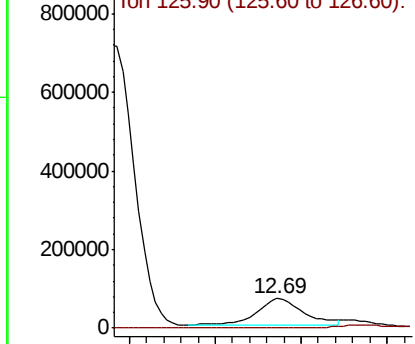
#82
4-Chlorotoluene
Concen: 7.670 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. -0.09 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)

Tot Ion: 91 Resp: 126344
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#

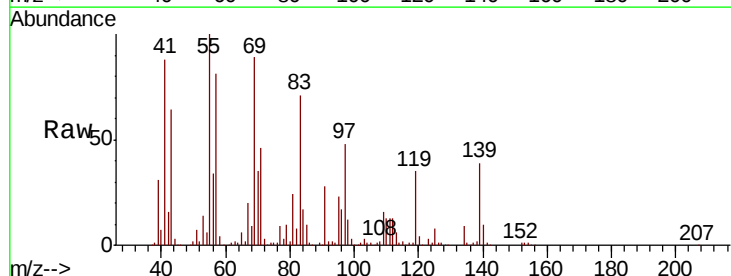


Abundance Ion 91.00 (90.70 to 91.70): VN055366.D (-3328) (-)
Ion 125.90 (125.60 to 126.60): VN055366.D (-3328) (-)

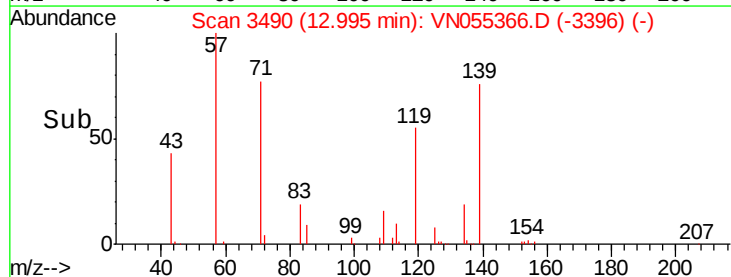
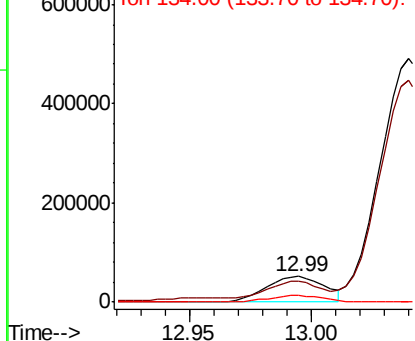


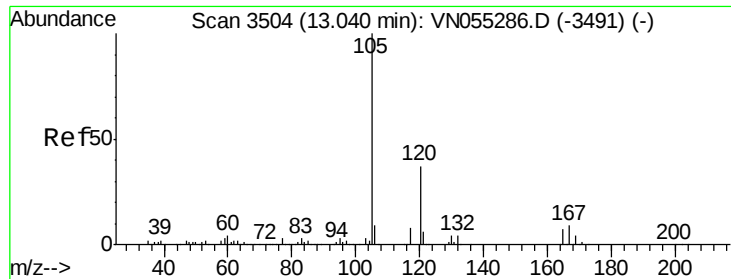
#83
tert-Butylbenzene
Concen: 2.886 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion: 119 Resp: 86140
Ion Ratio Lower Upper
119 100
91 54.1 34.3 102.9
134 24.4 13.1 39.3



Abundance Ion 119.00 (118.70 to 119.70): VN055366.D (-3396) (-)
Ion 91.00 (90.70 to 91.70): VN055366.D (-3396) (-)
Ion 134.00 (133.70 to 134.70): VN055366.D (-3396) (-)





#84

1,2,4-Trimethylbenzene

Concen: 345.180 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

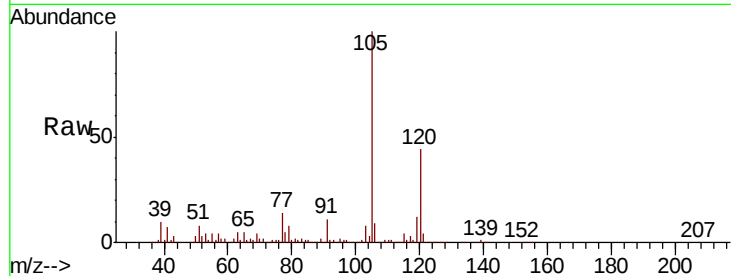
EP1-SB-W2(17-20)

Tot Ion:105 Resp: 6674864

Ion Ratio Lower Upper

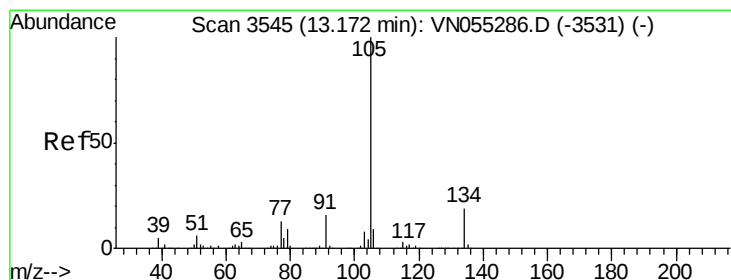
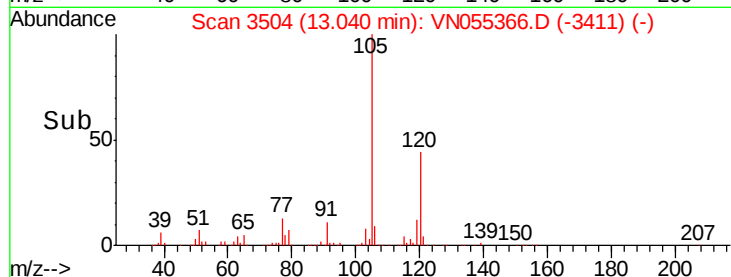
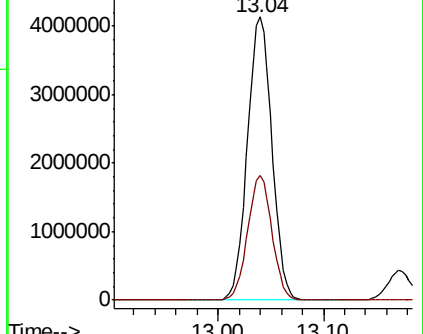
105 100

120 43.8 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: 28.829 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055366.D

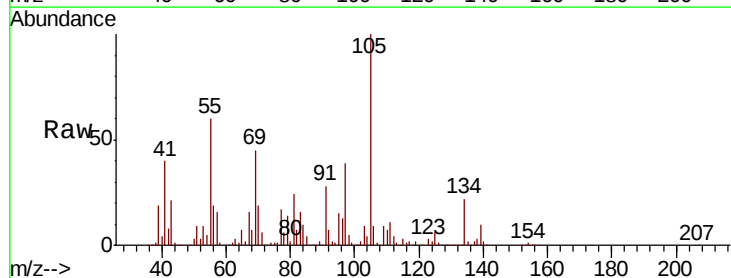
Acq: 2 May 2019 23:02

Tgt Ion:105 Resp: 677509

Ion Ratio Lower Upper

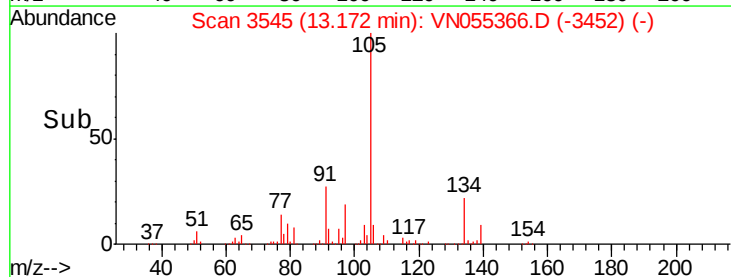
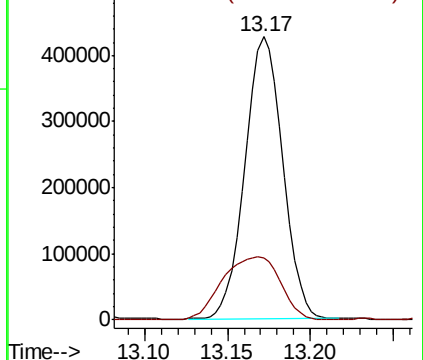
105 100

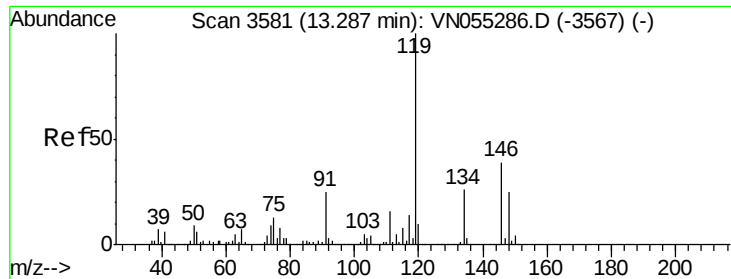
134 34.4 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

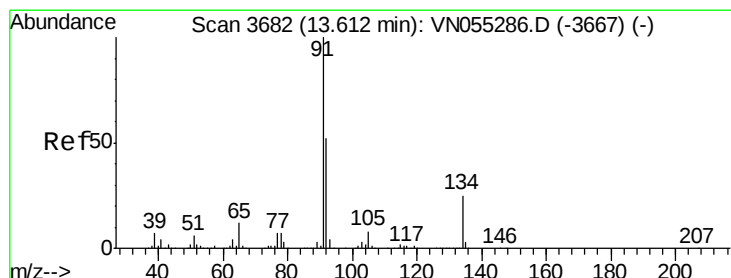
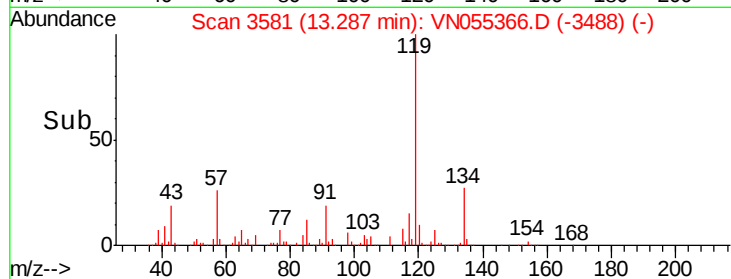
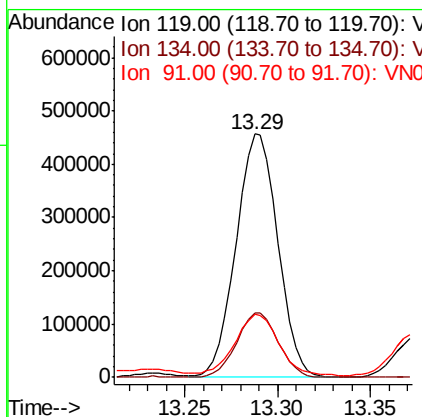
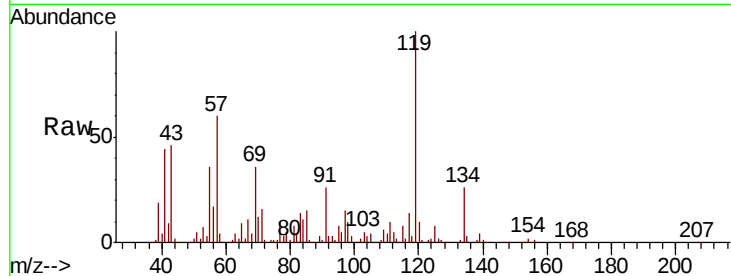




#86
 p-Isopropyltoluene
 Concen: 37.043 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

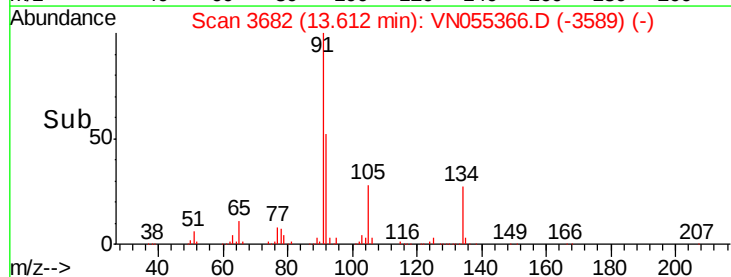
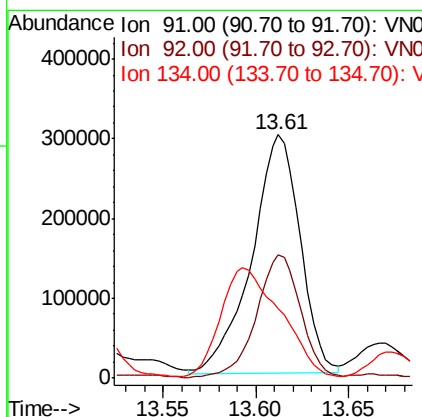
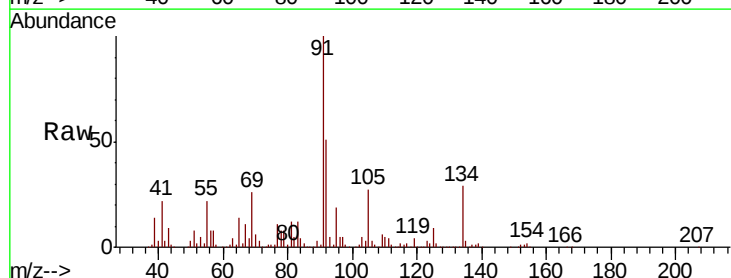
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)

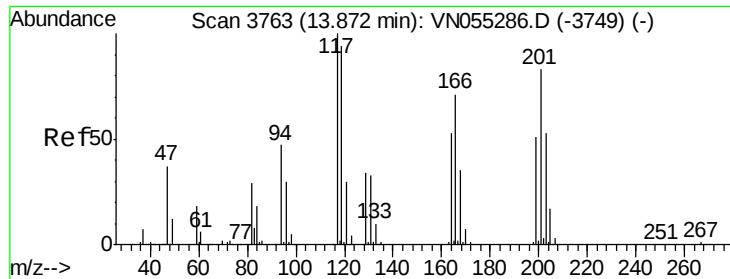
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.0	38.9
91	25.8	12.2	36.6



#89
 n-Butylbenzene
 Concen: 39.859 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.0	26.1	78.3
134	57.5	12.4	37.4





#90

Hexachloroethane

Concen: 26.959 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

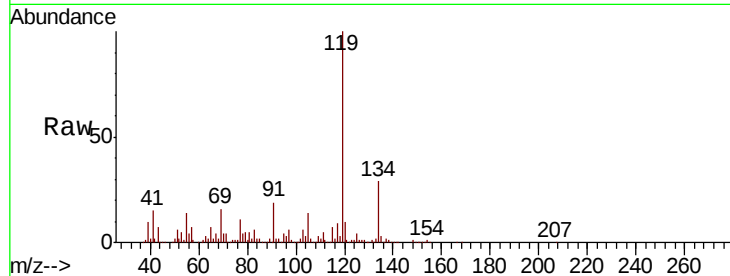
EP1-SB-W2(17-20)

Tot Ion:117 Resp: 84673

Ion Ratio Lower Upper

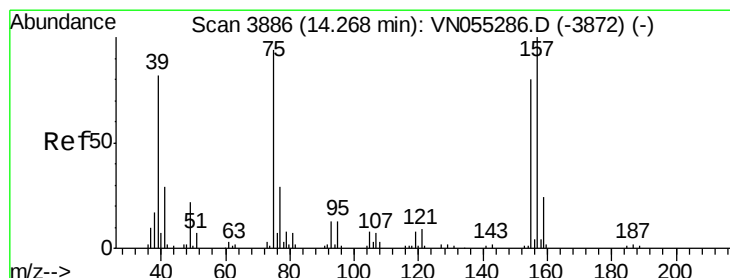
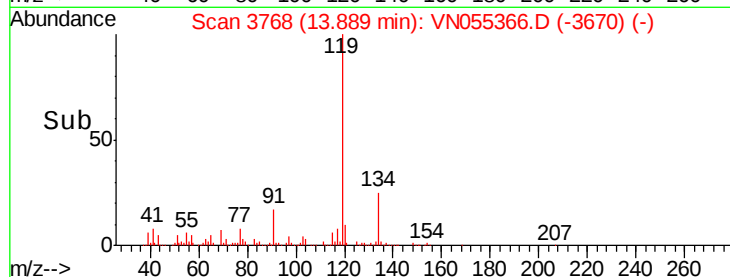
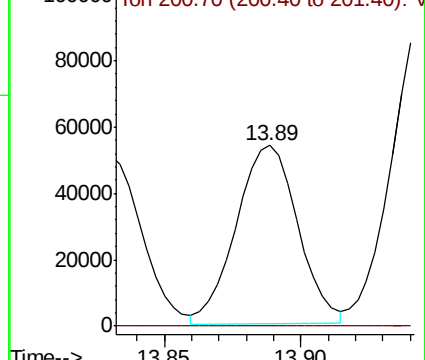
117 100

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: 5.536 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

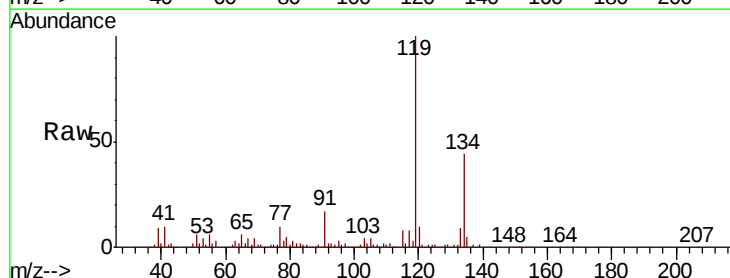
Tgt Ion: 75 Resp: 4017

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

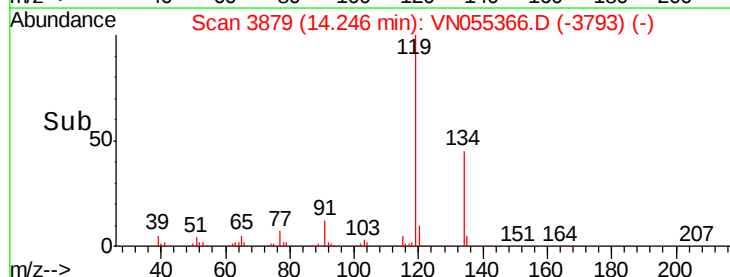
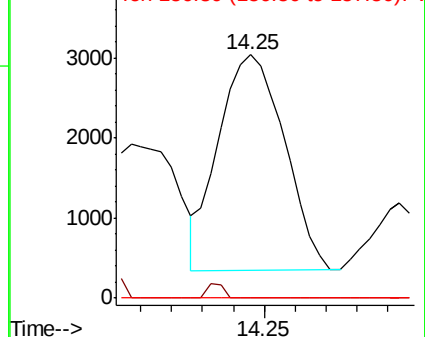
157 0.0 54.0 162.2#

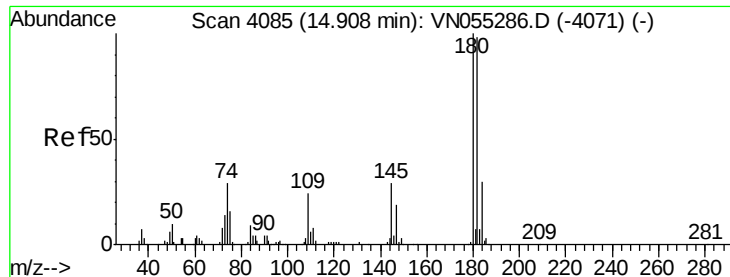


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.512 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

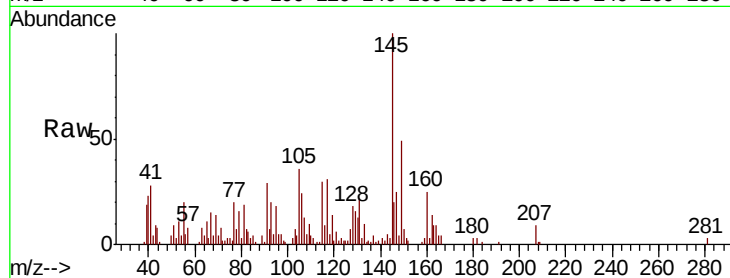
Tot Ion:180 Resp: 777

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.9

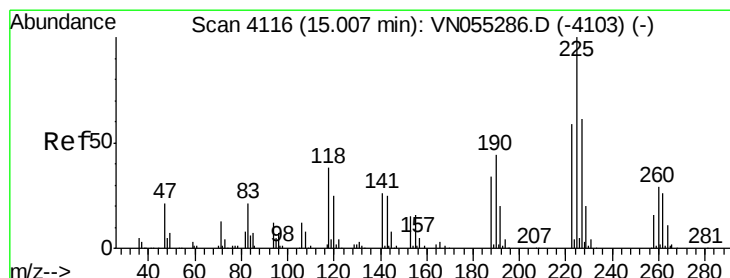
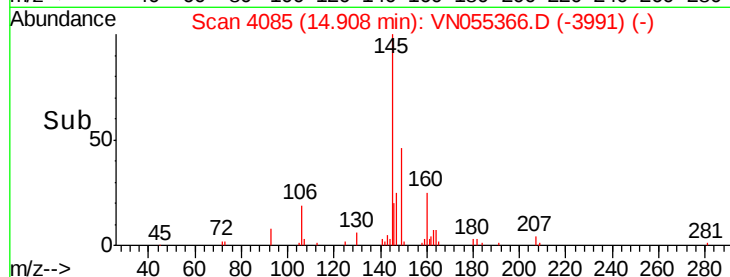
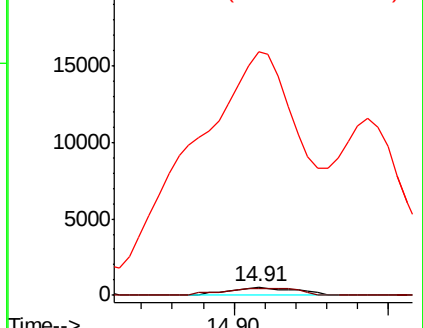
145 5059.2 14.2 42.6#



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# 4116

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

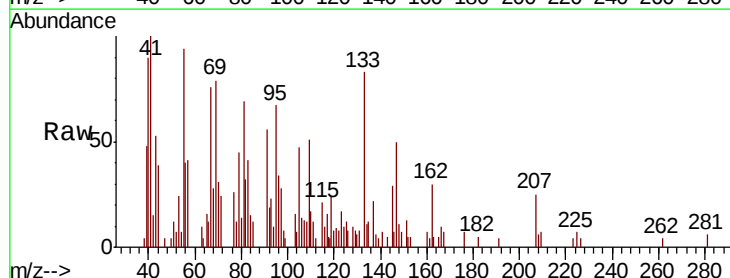
Tgt Ion:225 Resp: 483

Ion Ratio Lower Upper

225 100

223 12.8 30.3 90.8#

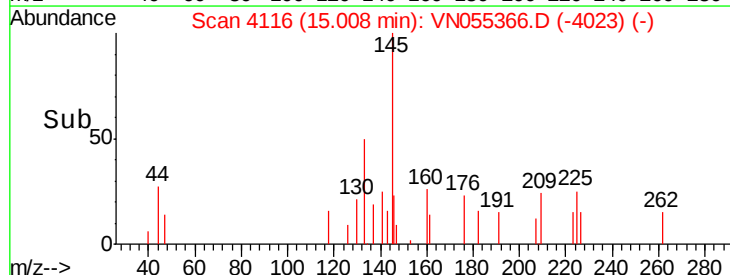
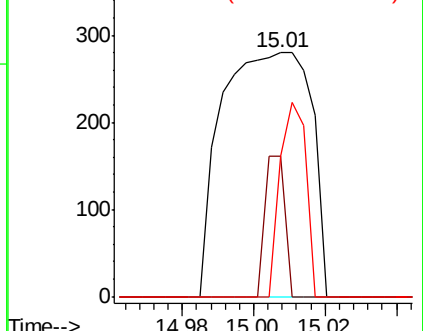
227 23.2 30.9 92.7#

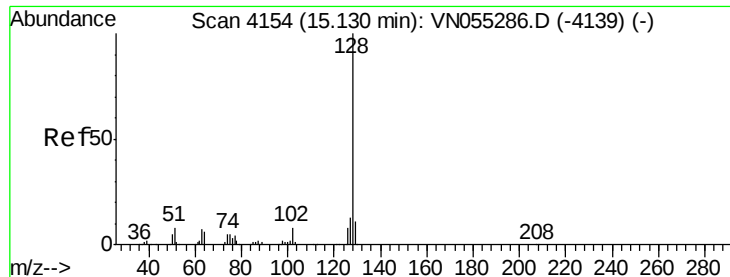


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 10.156 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

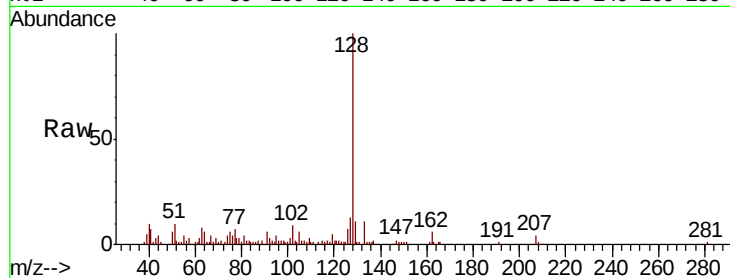
Tot Ion:128 Resp: 56076

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

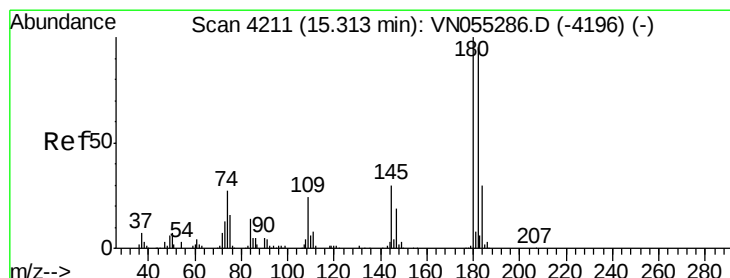
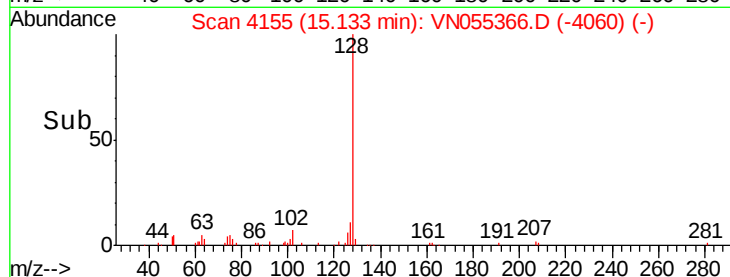
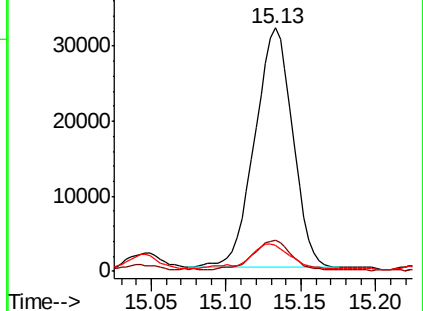
129 9.9 8.6 13.0



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: 2.907 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

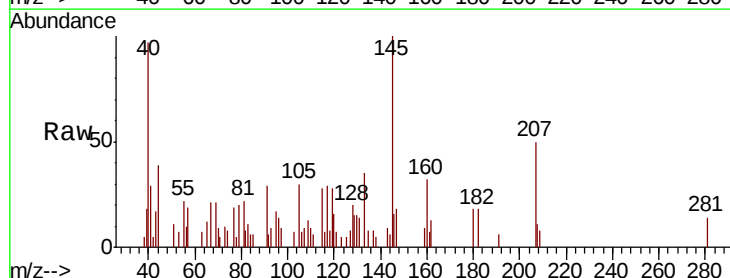
Tgt Ion:180 Resp: 1104

Ion Ratio Lower Upper

180 100

182 78.3 48.3 144.9

145 435.1 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

