

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
 Data File : VN055382.D
 Acq On : 3 May 2019 12:02
 Operator : JC/SP
 Sample : K2658-07 10X
 Misc : 6.00µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(14-17)

Quant Time: May 03 23:19:28 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	448152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	771246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	708792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	322548	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	300920	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
35) Dibromofluoromethane	7.59	113	240147	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	10.09	98	963036	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.40	95	451284	78.99	ug/l	0.00
Spiked Amount			Recovery	=	157.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	781	0.428	ug/l #	45
17) Carbon Disulfide	4.05	76	2482	0.215	ug/l #	74
18) Methyl Acetate	4.33	43	1138	Below Cal	#	57
31) Cyclohexane	7.66	56	12681	1.375	ug/l #	10
36) 1,1-Dichloropropene	7.66	75	34507	4.671	ug/l #	49
38) Carbon Tetrachloride	7.67	117	40721	5.714	ug/l #	16
39) Methylcyclohexane	9.08	83	24622	3.135	ug/l	95
41) Methacrylonitrile	7.21	41	161	0.792	ug/l #	32
48) Methyl methacrylate	9.14	41	3373	0.754	ug/l #	28
51) 4-Methyl-2-Pentanone	10.09	43	11156	2.178	ug/l #	34
55) 1,1,2-Trichloroethane	10.53	97	60896	13.124	ug/l #	19
56) Ethyl methacrylate	10.43	69	28773	5.038	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.73	63	150	12.485	ug/l #	52
59) 2-Hexanone	10.72	43	515995	160.985	ug/l #	32
67) Ethyl Benzene	11.51	91	77753	3.107	ug/l	95
68) m/p-Xylenes	11.63	106	31856	3.566	ug/l #	65
69) o-Xylene	11.94	106	3891	0.439	ug/l #	16
71) Bromoform	12.40	173	2992	0.994	ug/l #	1
73) Isopropylbenzene	12.25	105	785121	29.281	ug/l	99
74) N-amyl acetate	12.04	43	1714897	207.168	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.47	83	142433	20.405	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	13776	Below Cal	#	100
77) Bromobenzene	12.51	156	875	Below Cal	#	1
78) n-propylbenzene	12.59	91	2087163	62.995	ug/l	100
79) 2-Chlorotoluene	12.69	91	108686	3.755	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.69	105	754430	29.835	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.25	75	9964	5.854	ug/l #	1
82) 4-Chlorotoluene	12.69	91	108686	5.642	ug/l #	42
83) tert-Butylbenzene	12.99	119	207453	9.217	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	13652591	603.693	ug/l	100
85) sec-Butylbenzene	13.17	105	1605307	58.408	ug/l #	73
86) p-Isopropyltoluene	13.29	119	735836	32.574	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2699	0.266	ug/l #	1
89) n-Butylbenzene	13.61	91	1727730	107.634	ug/l #	78

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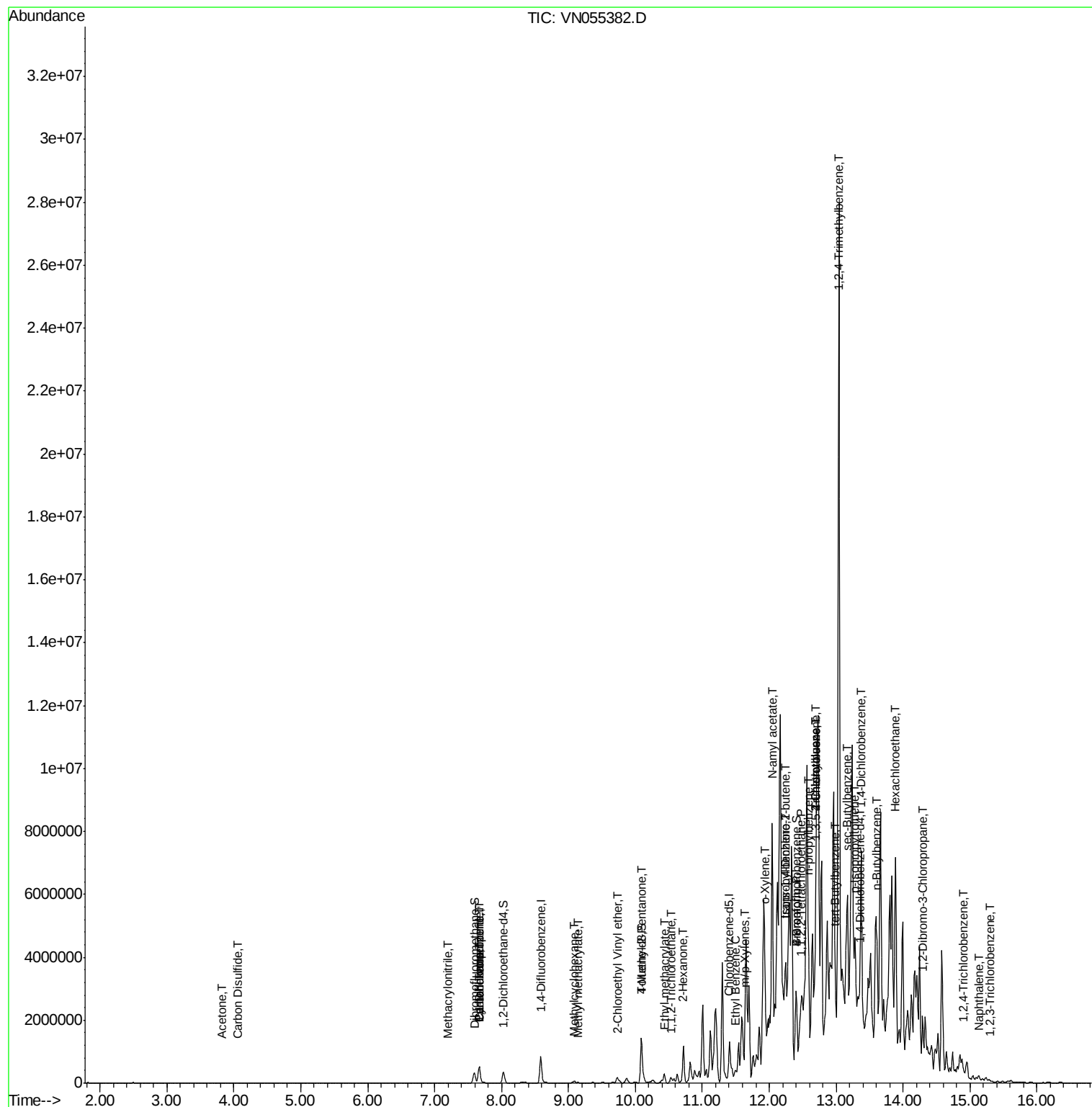
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	273087	77.207	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.29	75	3704	4.365	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	4424	4.290	ug/l #	1
94) Hexachlorobutadiene	15.00	225	1579	Below Cal		85
95) Naphthalene	15.13	128	133069	17.183	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	4649	3.674	ug/l #	78

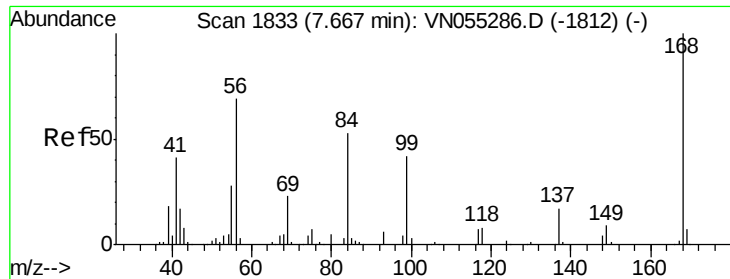
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

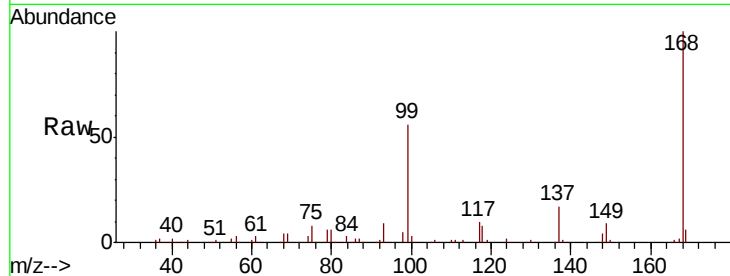
EP1-SB-E3-4(14-17)

Tot Ion:168 Resp: 448152

Ion Ratio Lower Upper

168 100

99 56.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

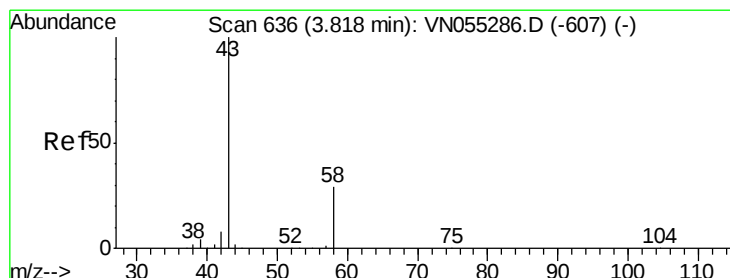
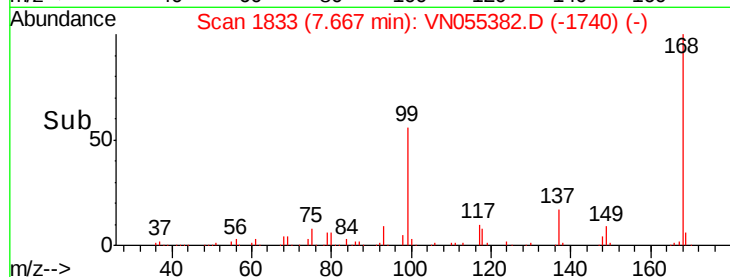
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 0.428 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055382.D

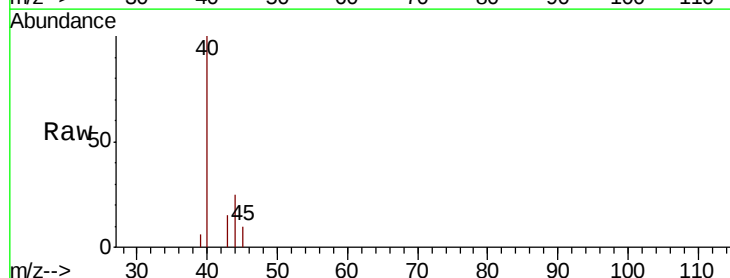
Acq: 3 May 2019 12:02

Tgt Ion: 43 Resp: 781

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

500

400

300

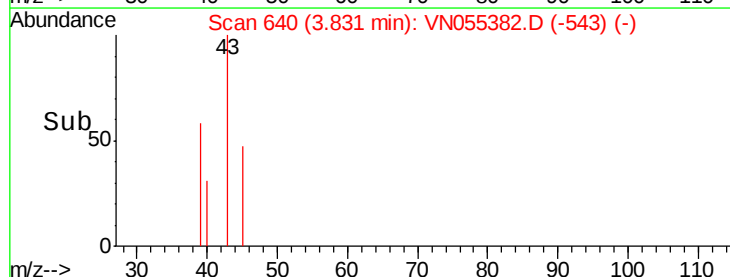
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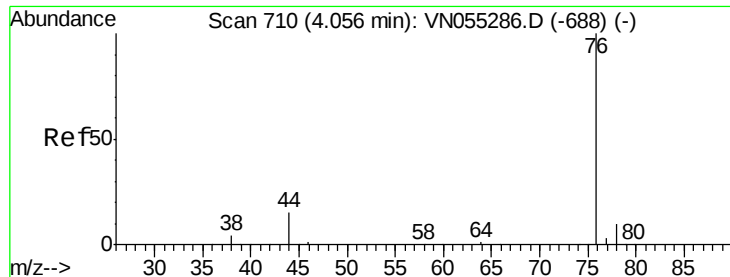
100

0

3.80 3.82 3.84 3.86

Time-->

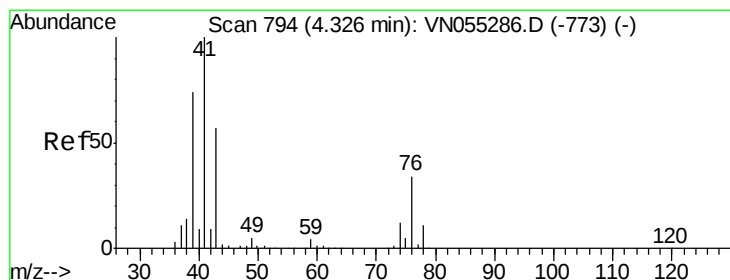
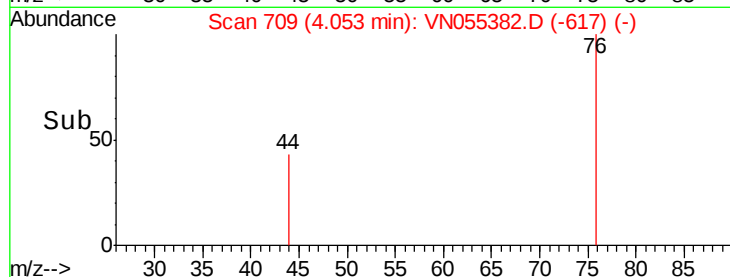
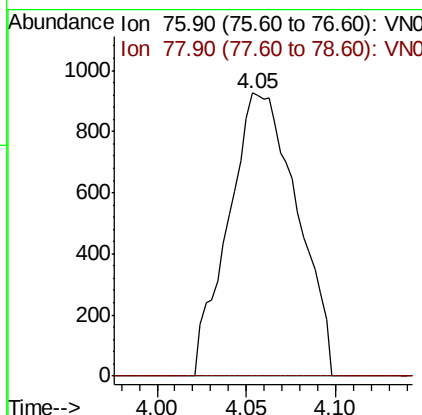
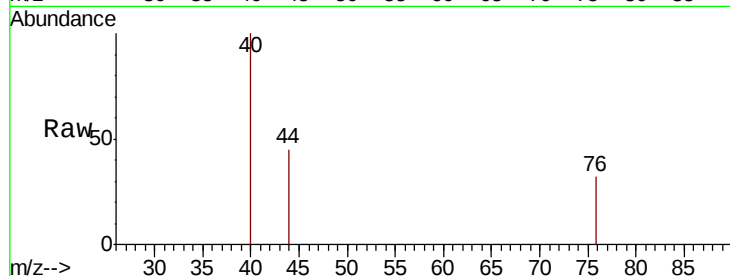




#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

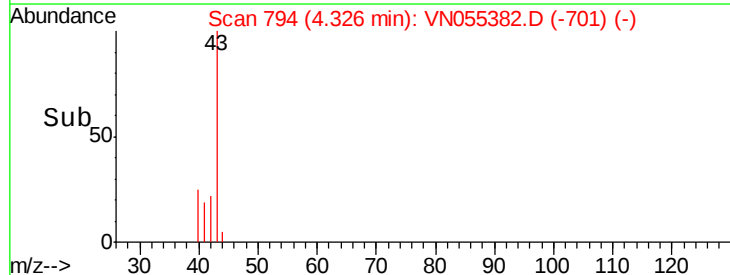
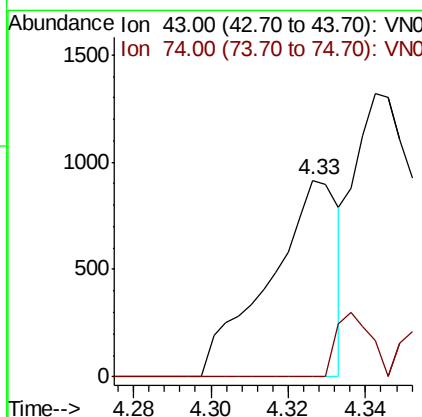
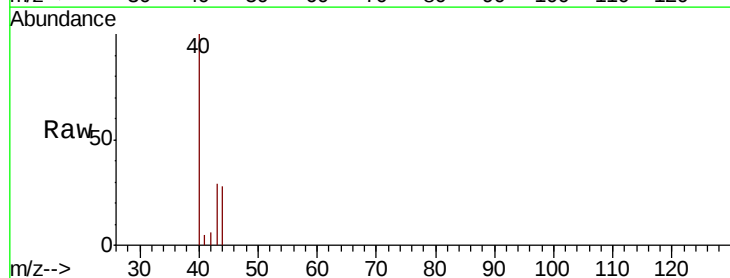
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EP1-SB-E3-4(14-17)

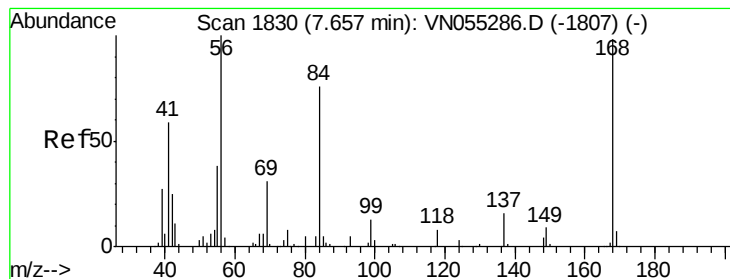
Tot Ion: 76 Resp: 2482
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.8#





#31

Cyclohexane

Concen: 1.375 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(14-17)

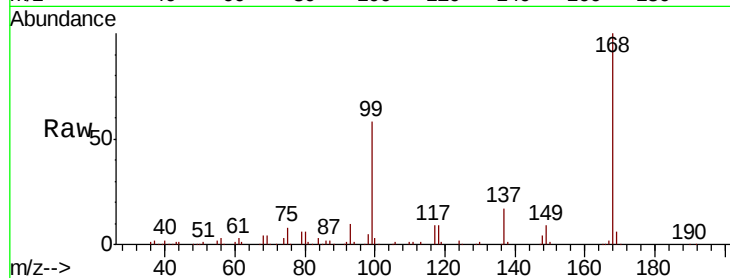
Tot Ion: 56 Resp: 12681

Ion Ratio Lower Upper

56 100

69 136.3 25.2 37.8#

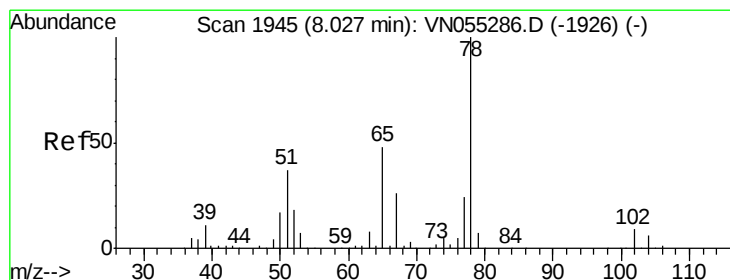
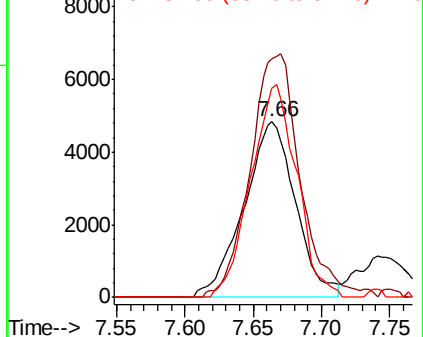
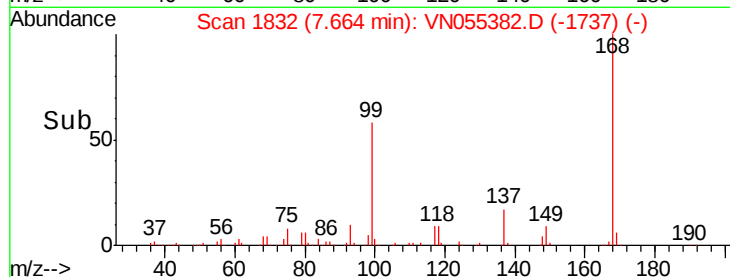
84 119.2 61.1 91.7#



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: 51.327 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055382.D

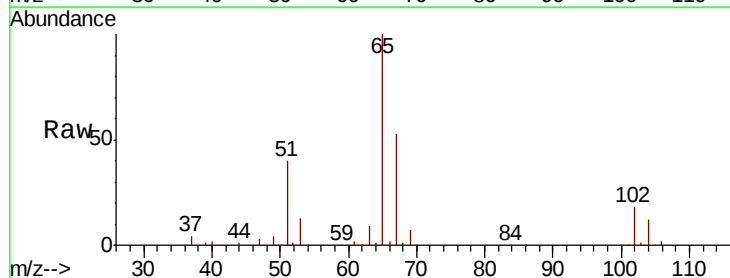
Acq: 3 May 2019 12:02

Tgt Ion: 65 Resp: 300920

Ion Ratio Lower Upper

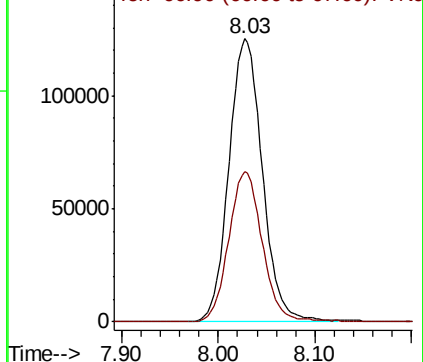
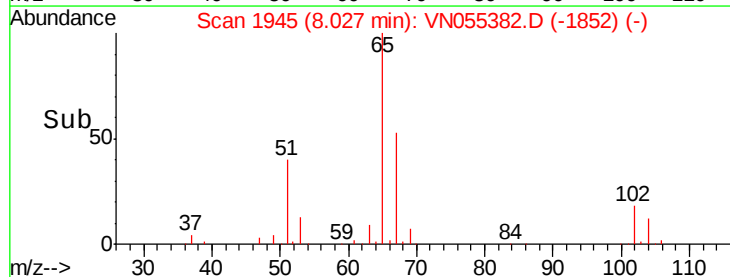
65 100

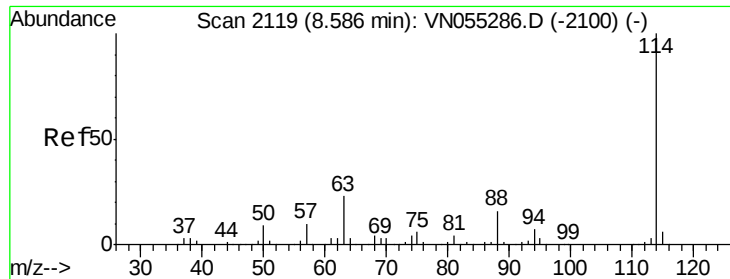
67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

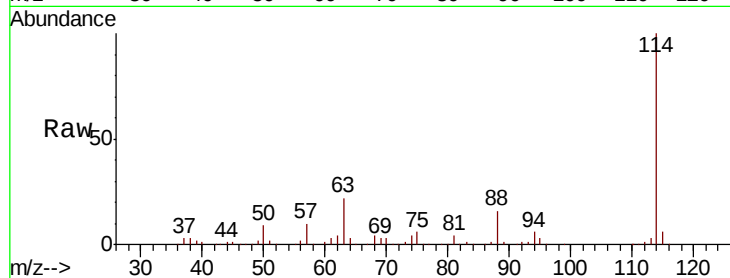




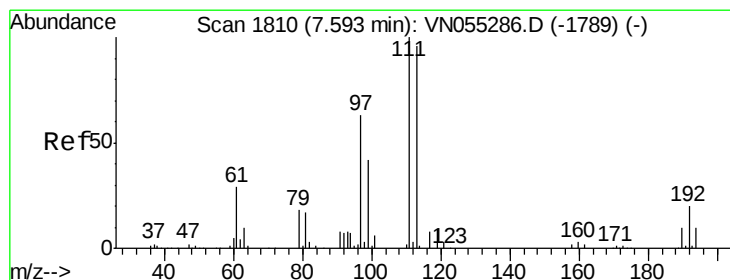
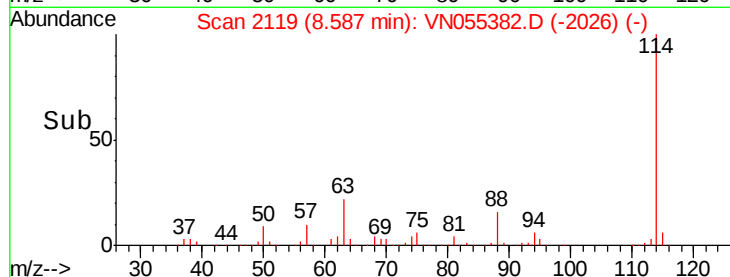
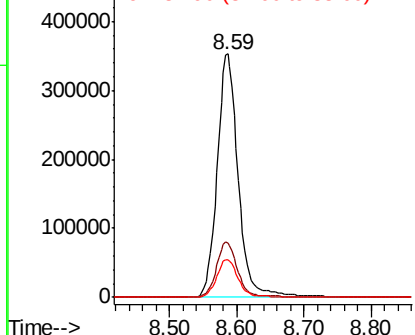
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

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EP1-SB-E3-4(14-17)

Tot Ion:114 Resp: 771246
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.2
88 15.6 0.0 31.6

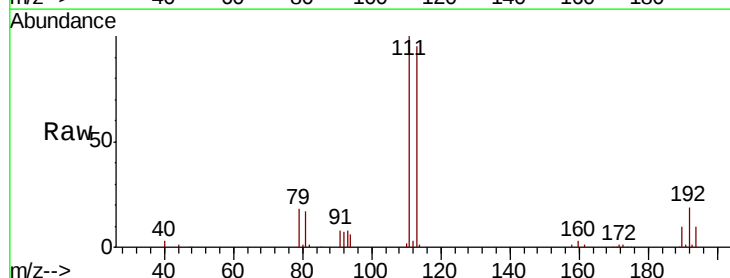


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

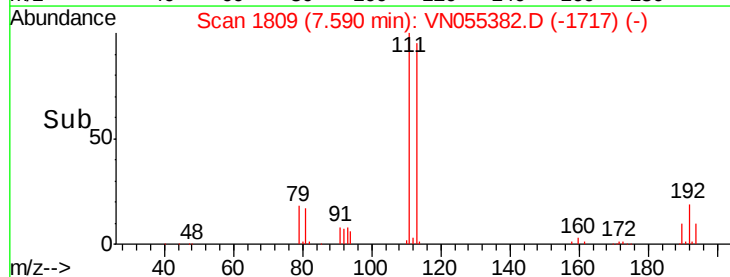
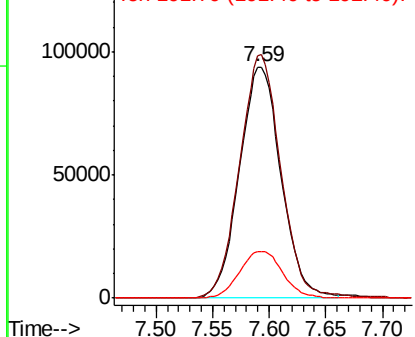


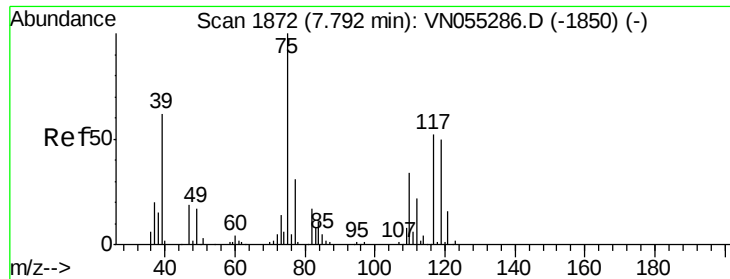
#35
Dibromofluoromethane
Concen: 47.439 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion:113 Resp: 240147
Ion Ratio Lower Upper
113 100
111 104.6 82.3 123.5
192 21.0 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

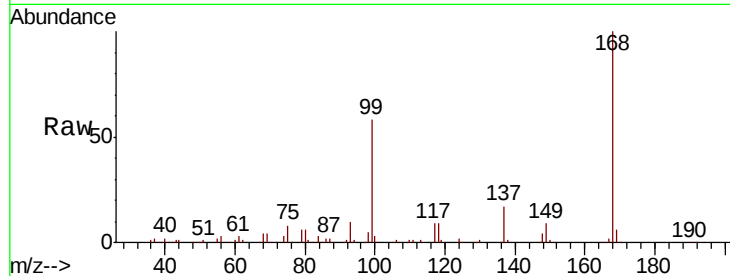




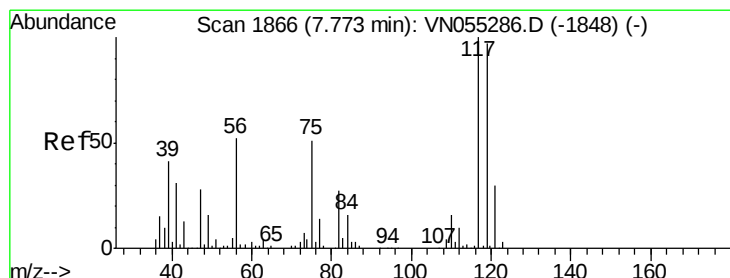
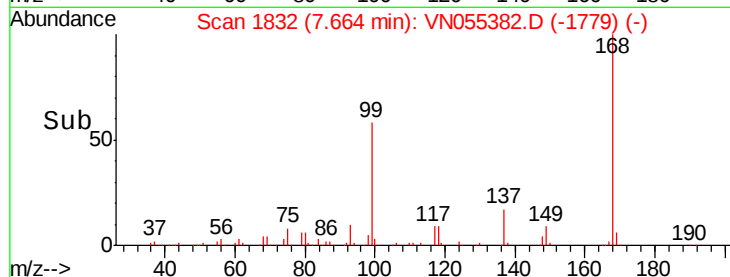
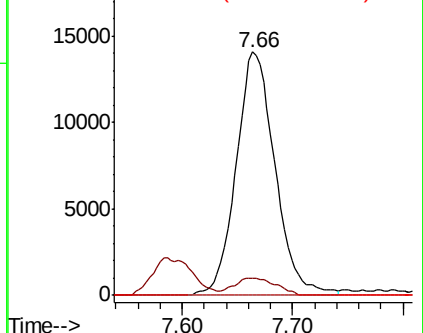
#36
 1,1-Dichloropropene
 Concen: 4.671 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055382.D
 Acq: 3 May 2019 12:02

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Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.8	50.4#
77	0.0	25.0	37.6#

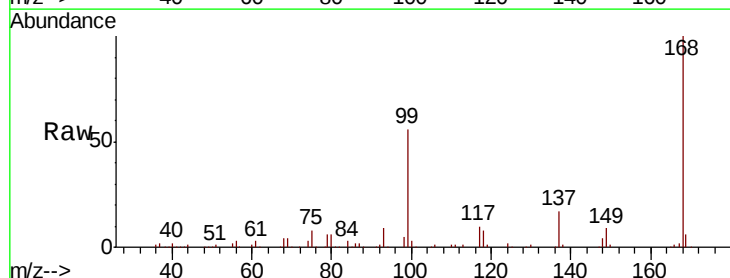


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

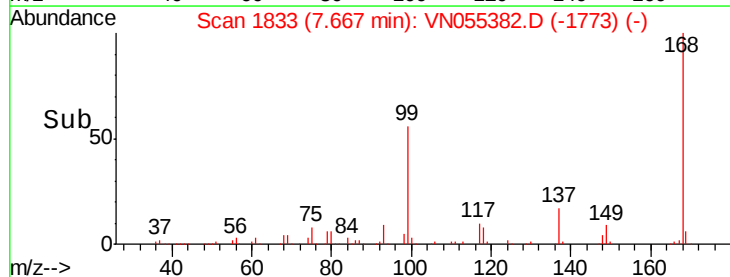
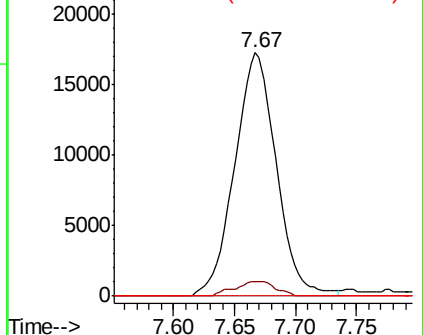


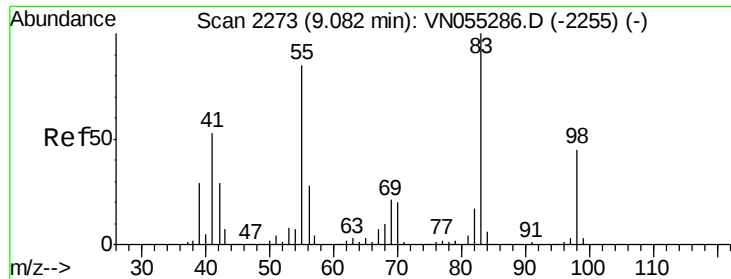
#38
 Carbon Tetrachloride
 Concen: 5.714 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055382.D
 Acq: 3 May 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	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

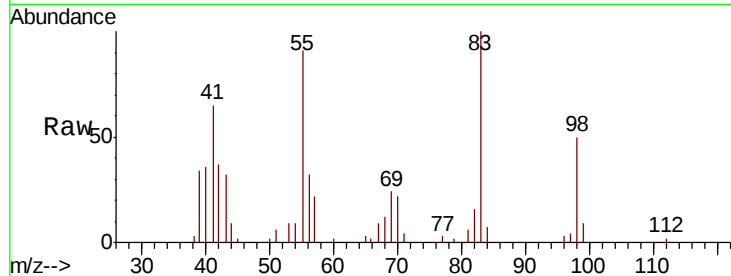




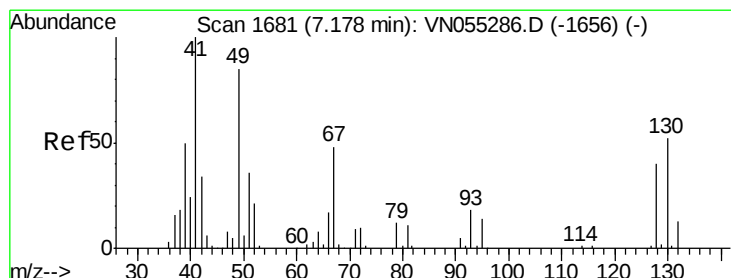
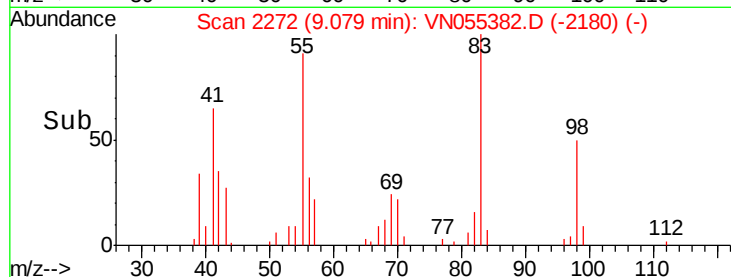
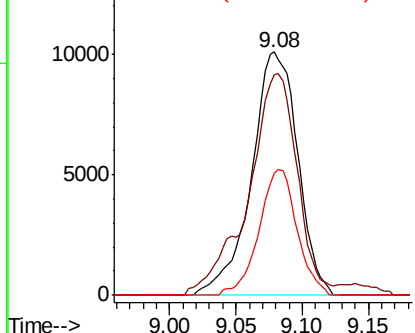
#39
Methvlcvclohexane
Concen: 3.135 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055382.D
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Instrument :
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EP1-SB-E3-4(14-17)

Tot Ion: 83 Resp: 24622
Ion Ratio Lower Upper
83 100
55 87.9 67.8 101.6
98 50.2 36.2 54.4

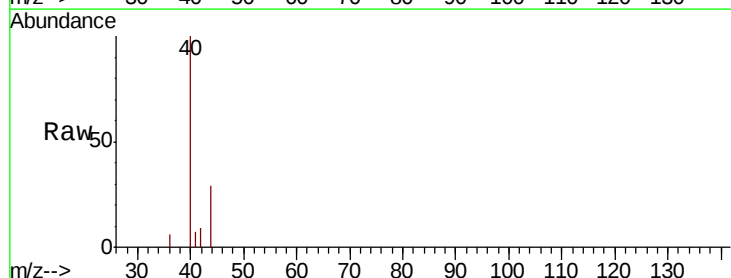


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

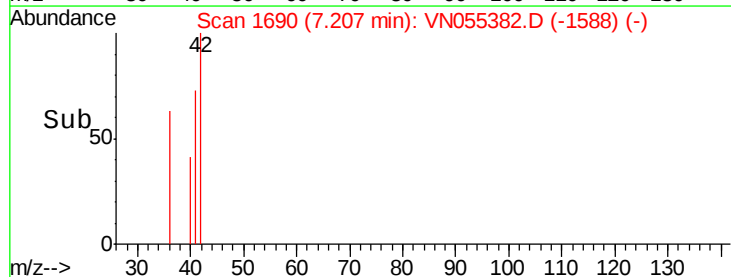
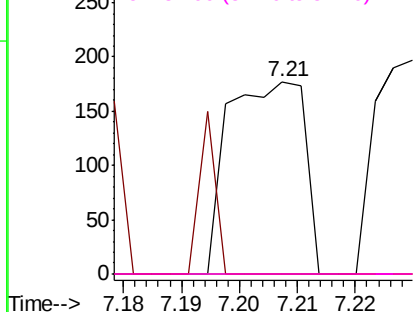


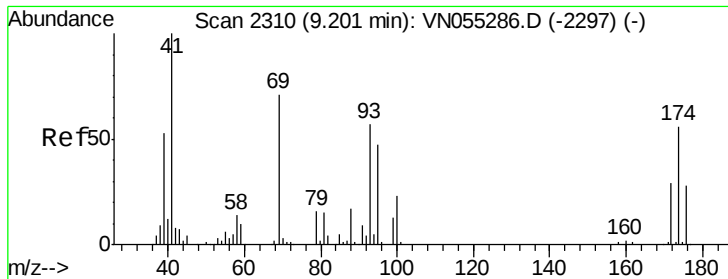
#41
Methacrylonitrile
Concen: 0.792 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion: 41 Resp: 161
Ion Ratio Lower Upper
41 100
39 18.0 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): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

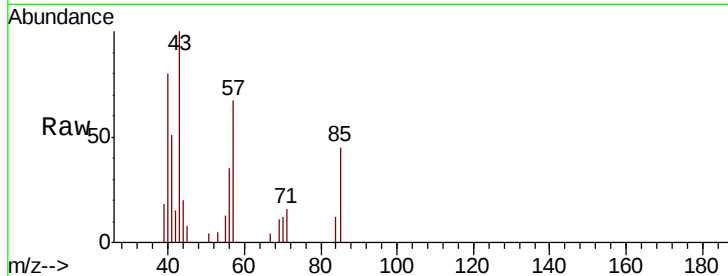




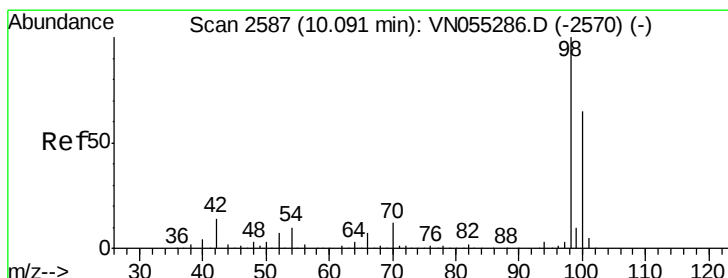
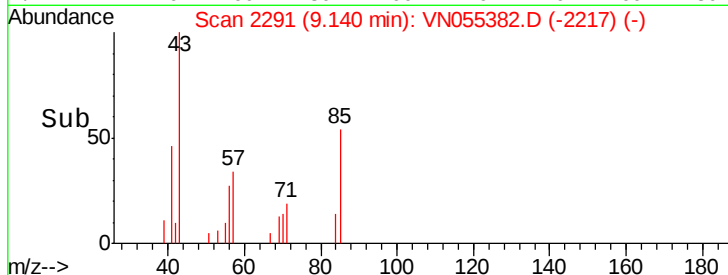
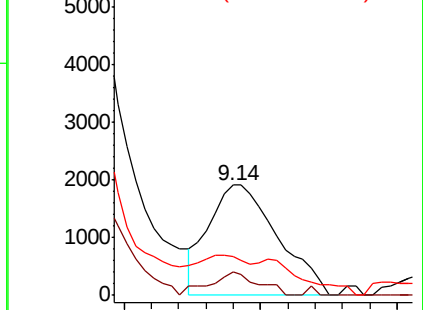
#48
Methvl methacrylate
Concen: 0.754 ug/l
RT: 9.14 min Scan# 2291
Delta R.T. -0.06 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(14-17)

Tot Ion: 41 Resp: 3373
Ion Ratio Lower Upper
41 100
69 14.7 58.6 87.8#
39 0.0 43.8 65.6#

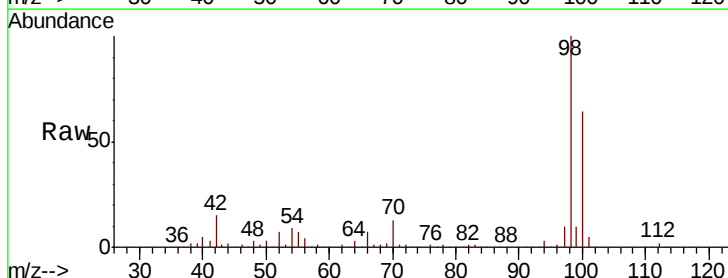


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

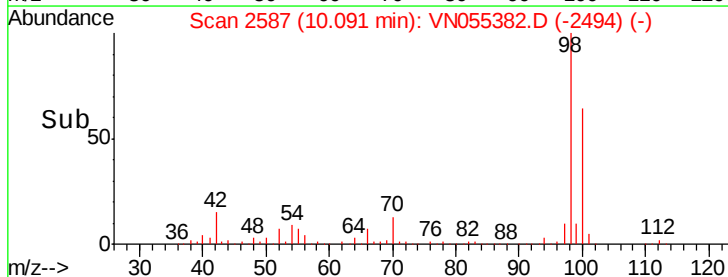
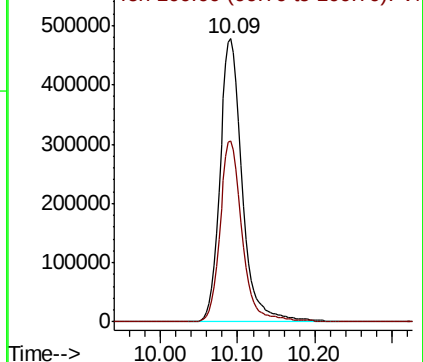


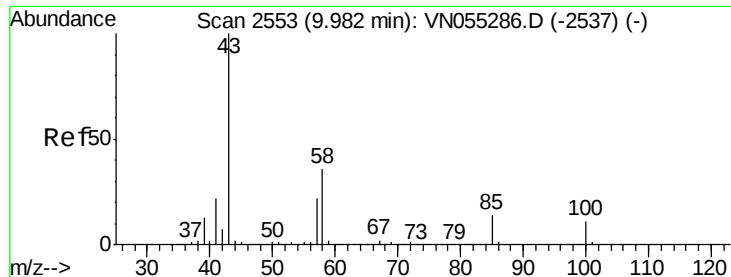
#50
Toluene-d8
Concen: 52.685 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion: 98 Resp: 963036
Ion Ratio Lower Upper
98 100
100 63.6 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: 2.178 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

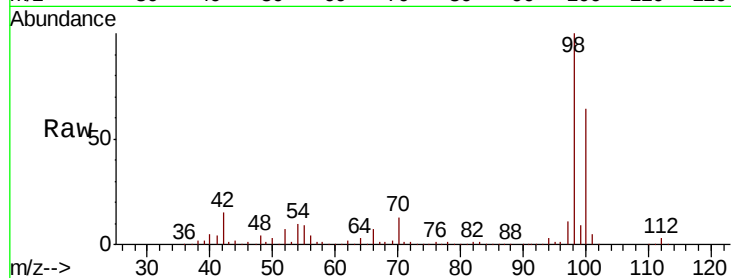
EP1-SB-E3-4(14-17)

Tot Ion: 43 Resp: 11156

Ion Ratio Lower Upper

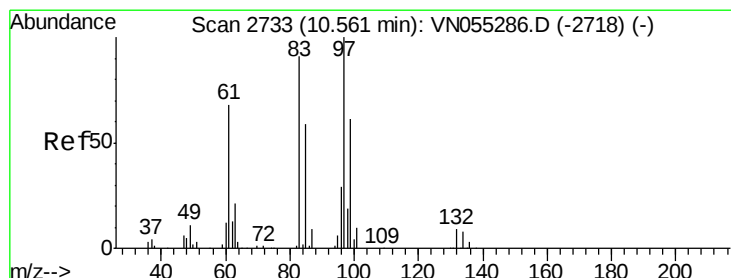
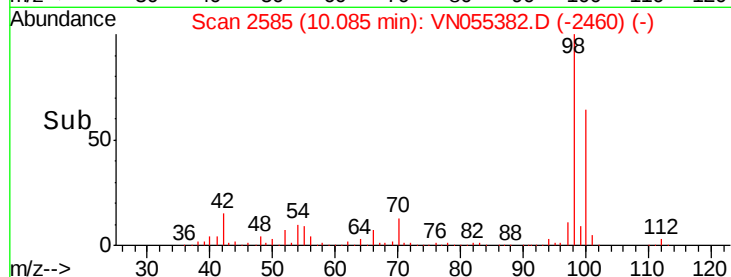
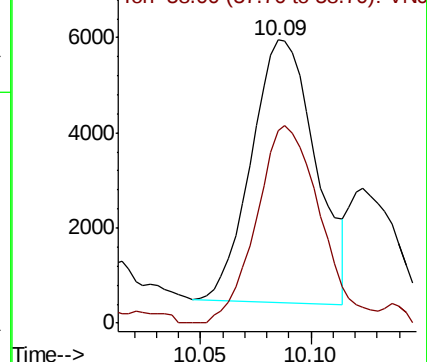
43 100

58 74.3 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#55

1,1,2-Trichloroethane

Concen: 13.124 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Tgt Ion: 97 Resp: 60896

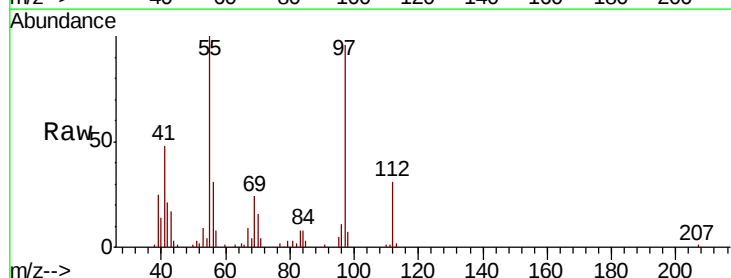
Ion Ratio Lower Upper

97 100

83 8.5 72.8 109.2#

85 3.3 47.0 70.6#

99 0.0 49.0 73.4#

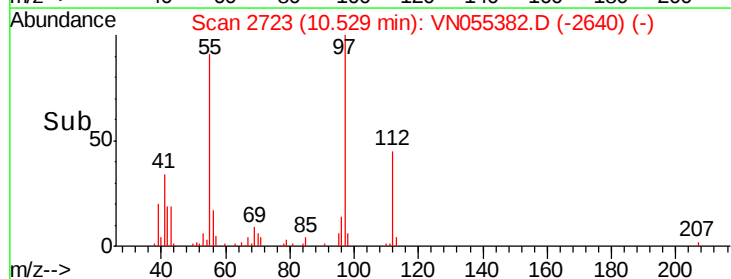
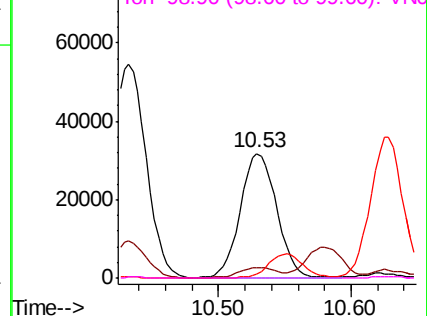


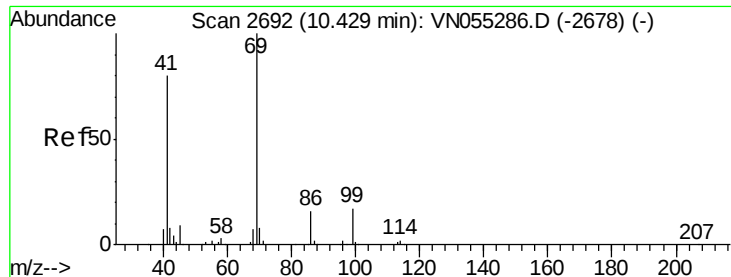
Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 5.038 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(14-17)

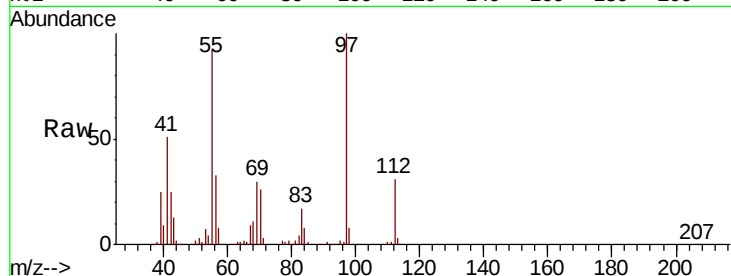
Tot Ion: 69 Resp: 28773

Ion Ratio Lower Upper

69 100

41 177.7 62.7 94.1#

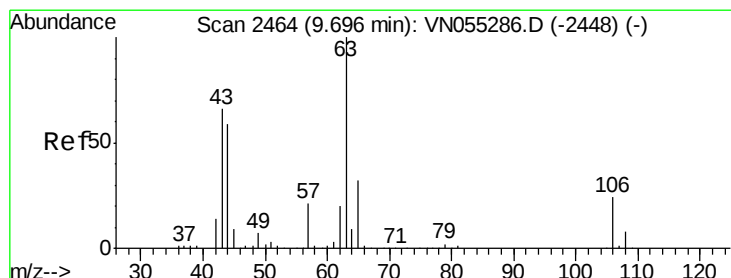
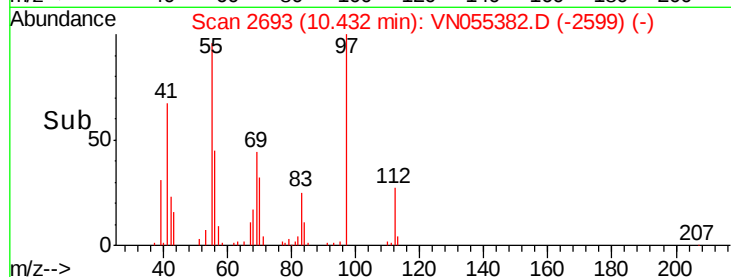
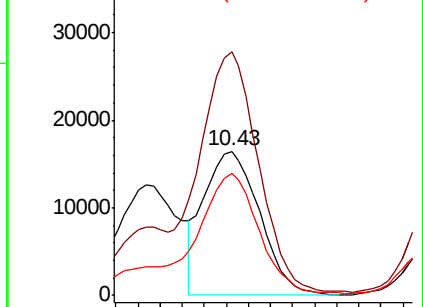
39 104.7 32.0 48.0#



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



#58

2-Chloroethyl Vinyl ether

Concen: 12.485 ug/l

RT: 9.73 min Scan# 2475

Delta R.T. 0.04 min

Lab File: VN055382.D

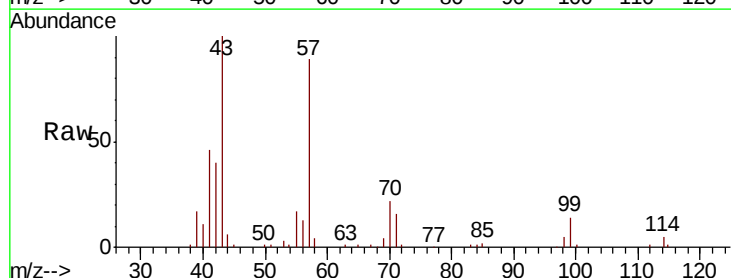
Acq: 3 May 2019 12:02

Tgt Ion: 63 Resp: 150

Ion Ratio Lower Upper

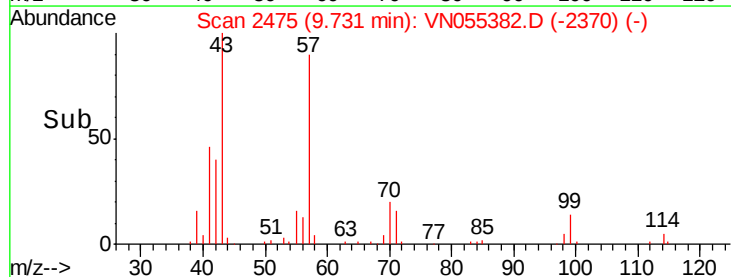
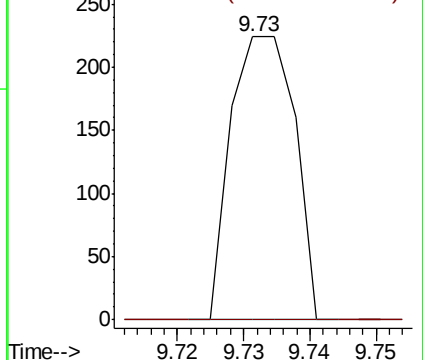
63 100

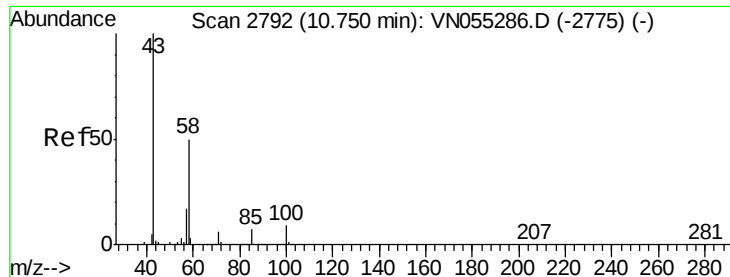
106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

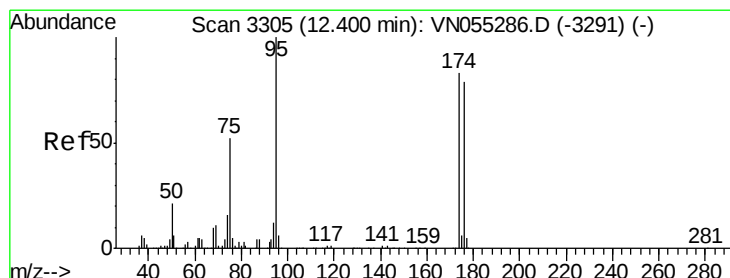
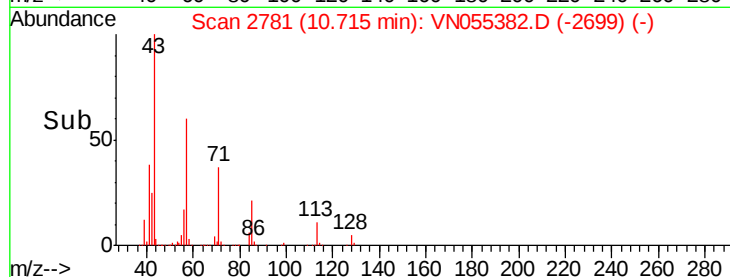
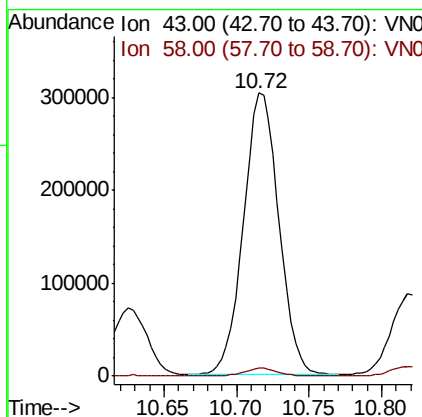
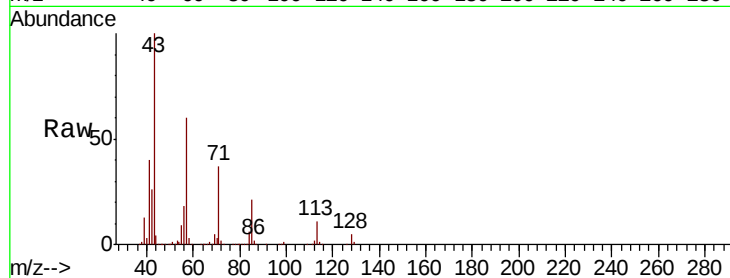




#59
2-Hexanone
Concen: 160.985 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.04 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

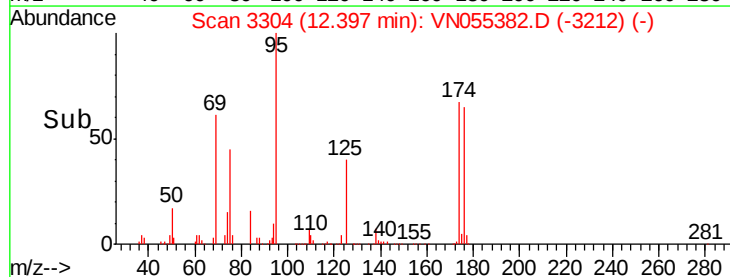
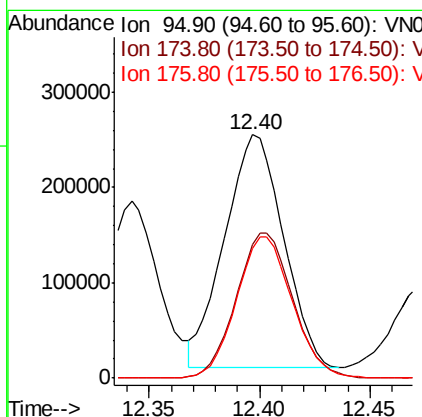
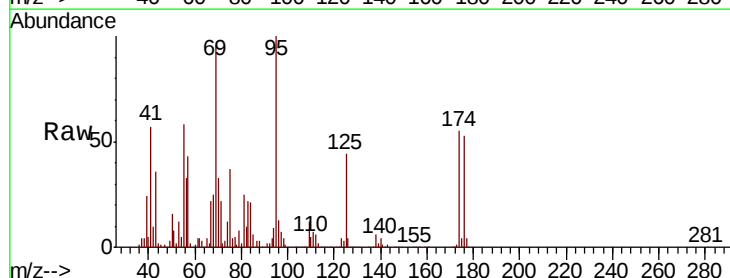
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(14-17)

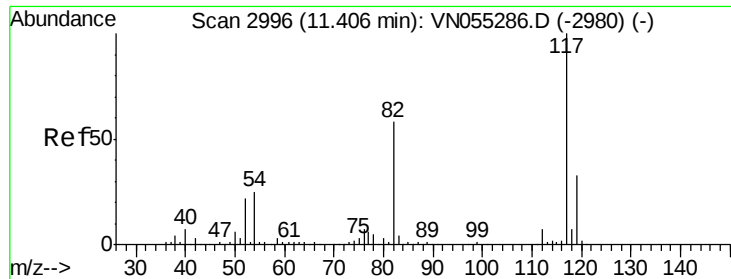
Tot Ion: 43 Resp: 515995
Ion Ratio Lower Upper
43 100
58 2.7 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 78.994 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion: 95 Resp: 451284
Ion Ratio Lower Upper
95 100
174 60.0 0.0 166.6
176 57.9 0.0 157.8

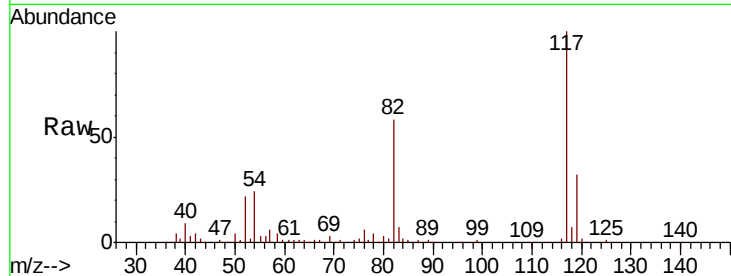




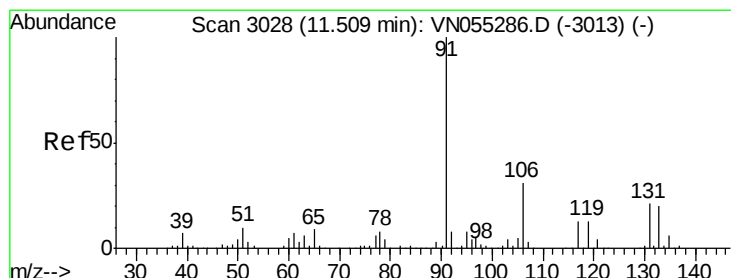
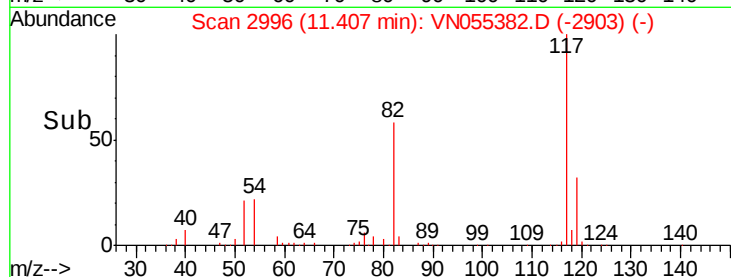
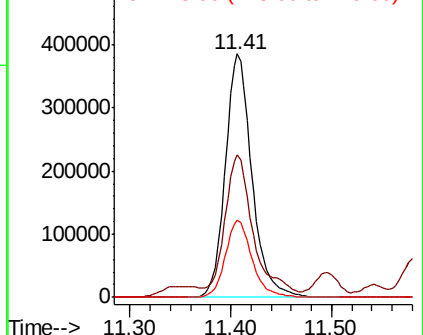
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(14-17)

Tot Ion:117 Resp: 708792
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 31.9 26.6 40.0

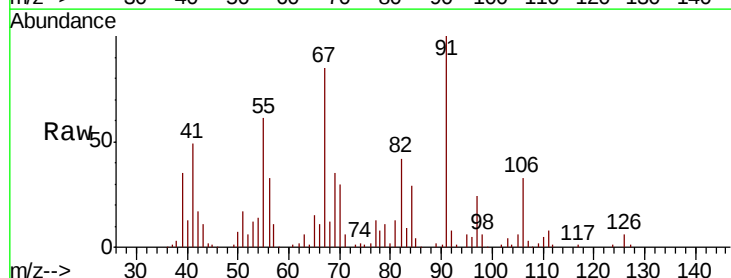


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

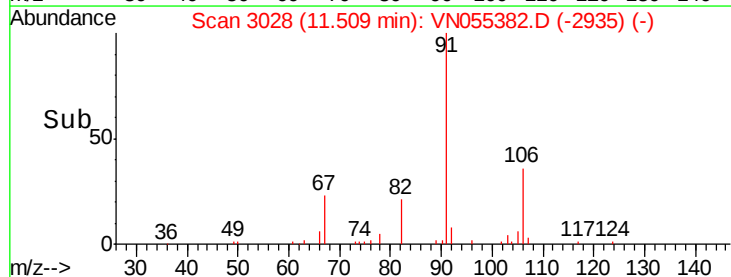
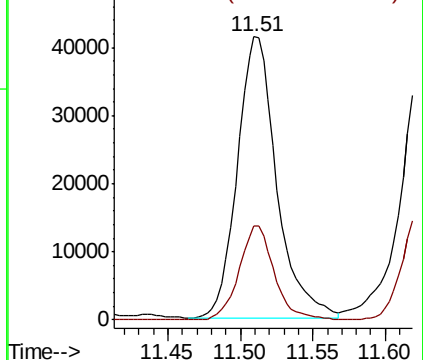


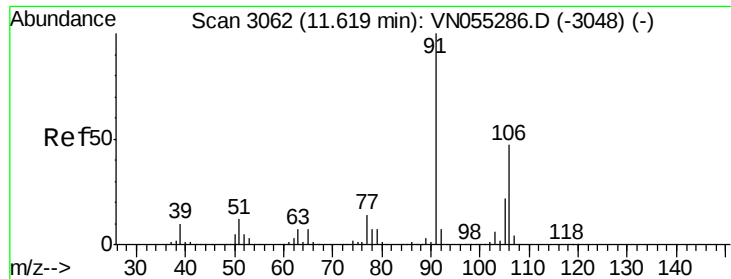
#67
Ethyl Benzene
Concen: 3.107 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion: 91 Resp: 77753
Ion Ratio Lower Upper
91 100
106 33.4 24.6 36.8



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

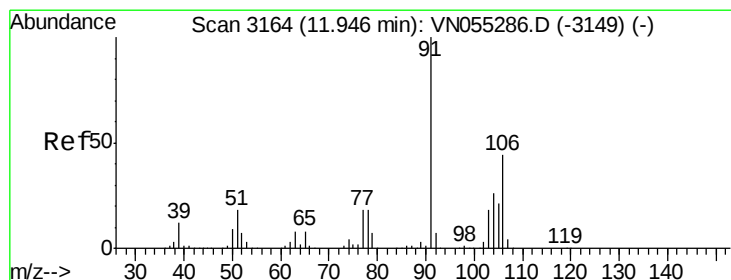
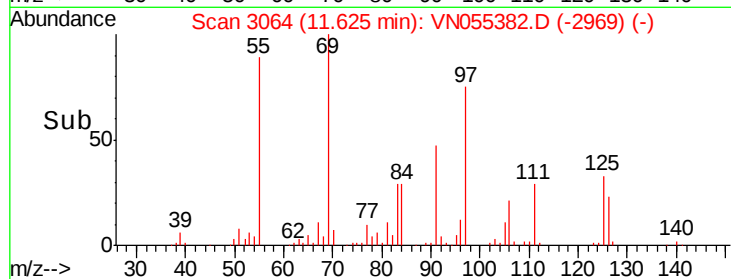
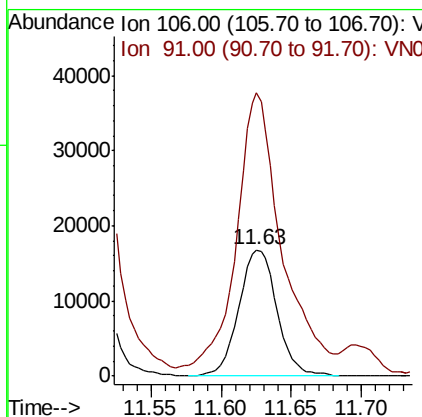
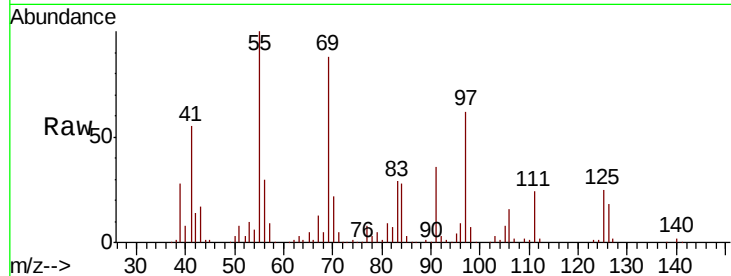




#68
m/p-Xylenes
Concen: 3.566 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

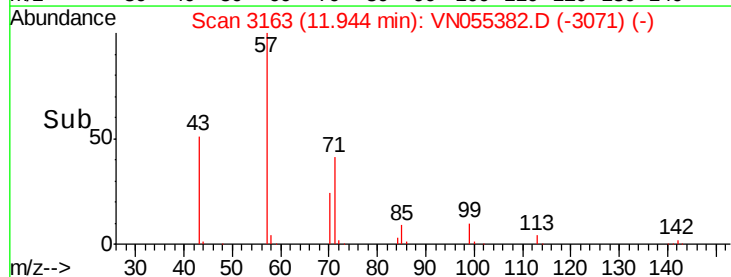
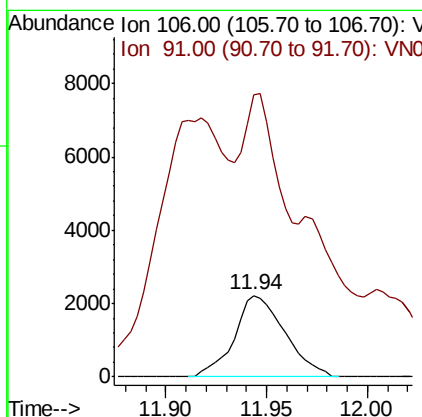
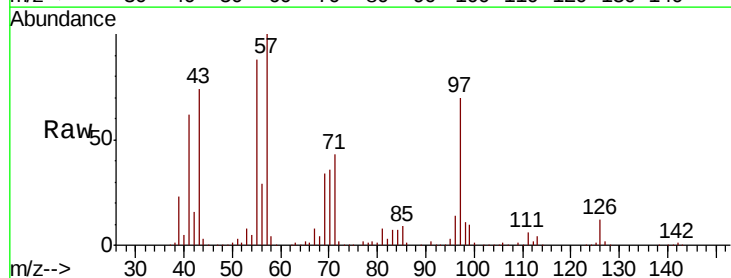
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(14-17)

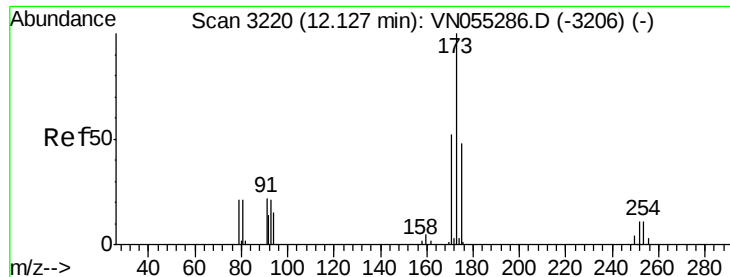
Tot Ion:106 Resp: 31856
Ion Ratio Lower Upper
106 100
91 266.3 169.5 254.3#



#69
o-Xylene
Concen: 0.439 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion:106 Resp: 3891
Ion Ratio Lower Upper
106 100
91 86.5 111.5 334.5#





#71

Bromoform

Concen: 0.994 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(14-17)

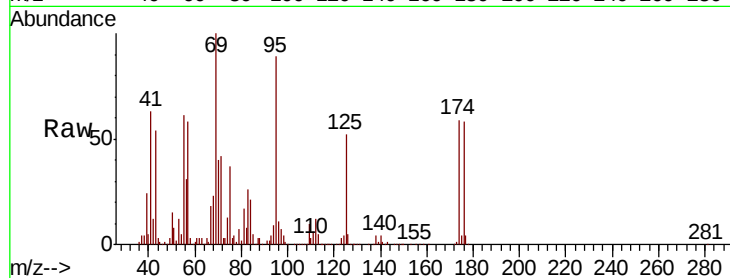
Tot Ion:173 Resp: 2992

Ion Ratio Lower Upper

173 100

175 595.6 23.6 71.0#

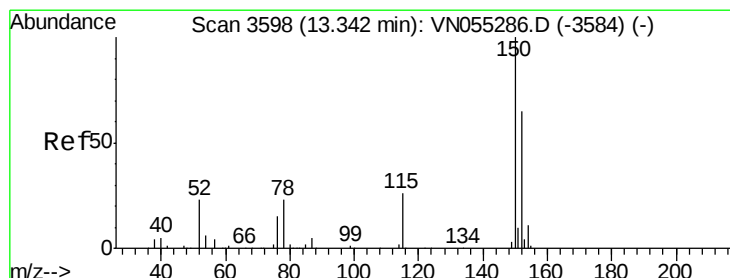
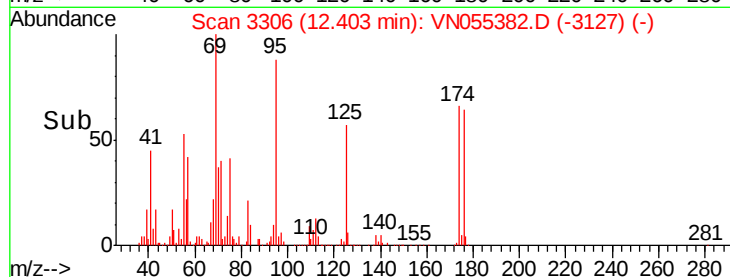
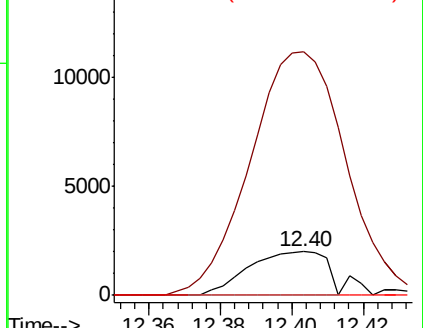
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

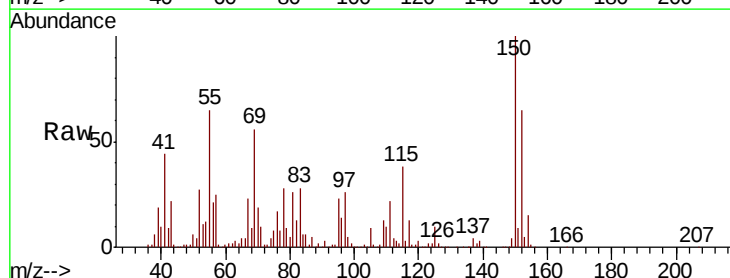
Tgt Ion:152 Resp: 322548

Ion Ratio Lower Upper

152 100

115 47.3 29.0 87.0

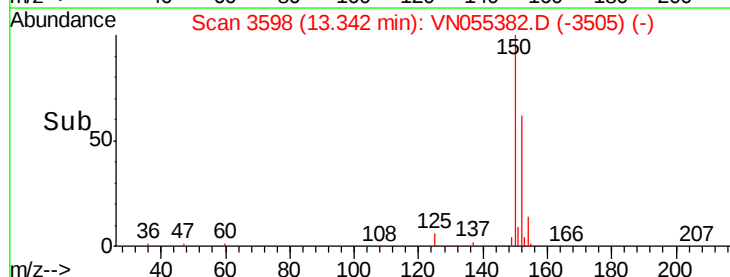
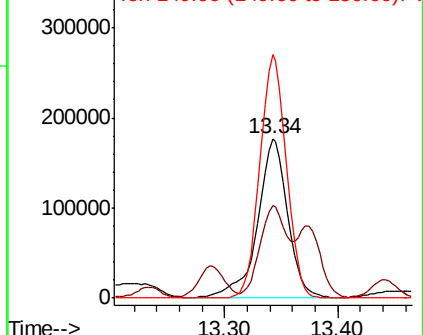
150 135.9 0.0 345.6

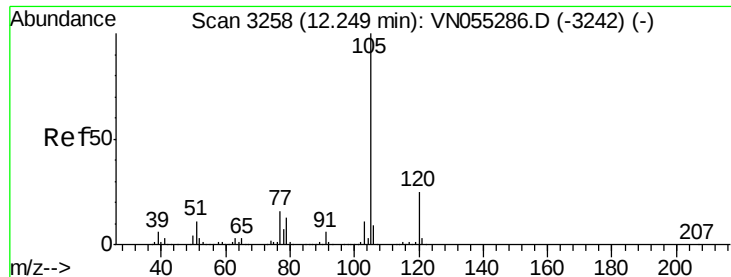


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 29.281 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

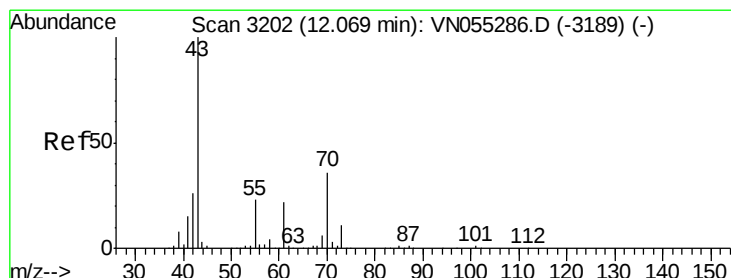
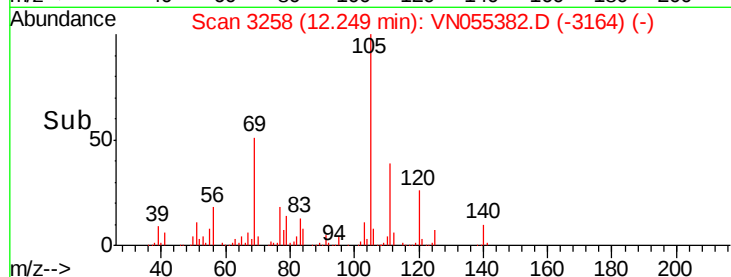
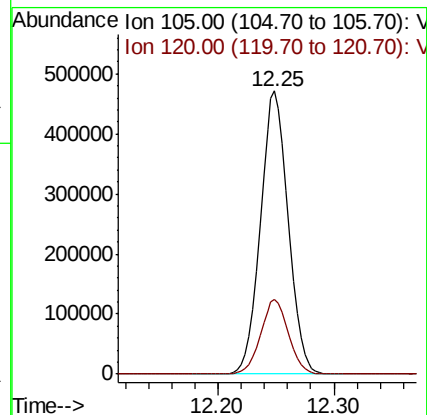
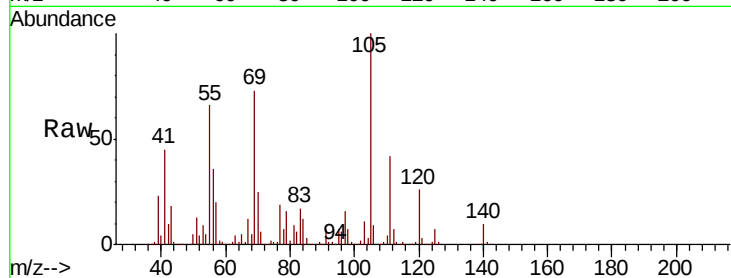
EP1-SB-E3-4(14-17)

Tot Ion:105 Resp: 785121

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



#74

N-ethyl acetate

Concen: 207.168 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Tgt Ion: 43 Resp: 1714897

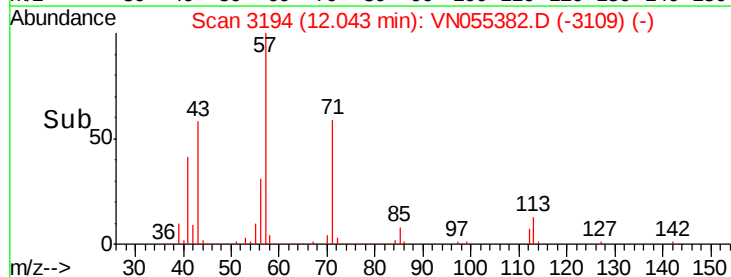
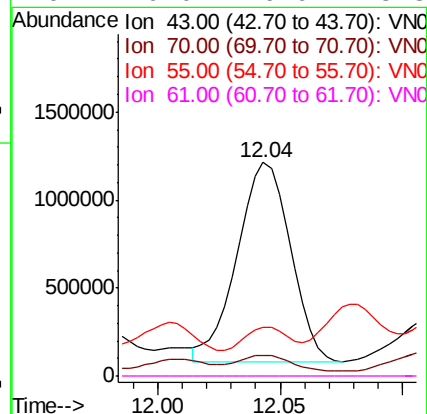
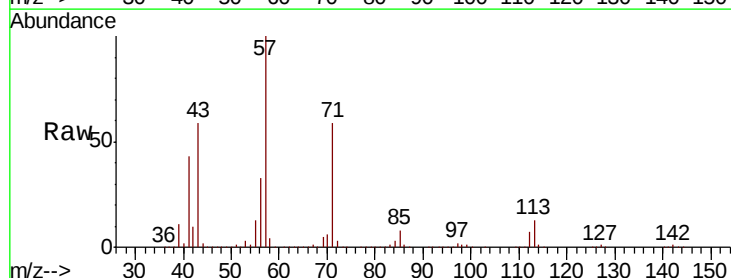
Ion Ratio Lower Upper

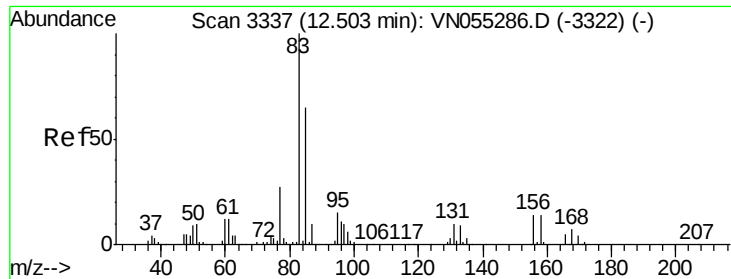
43 100

70 7.7 27.9 41.9#

55 9.5 18.2 27.2#

61 0.0 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.405 ug/l

RT: 12.47 min Scan# 3326

Delta R.T. -0.03 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(14-17)

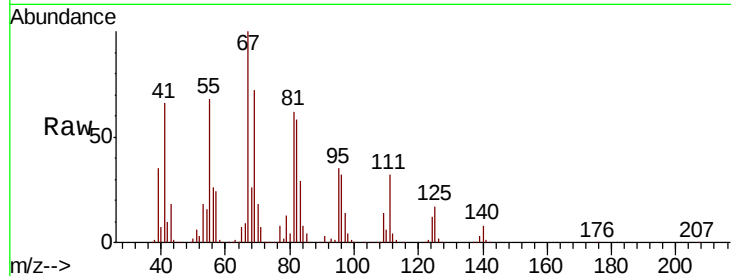
Tot Ion: 83 Resp: 142433

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

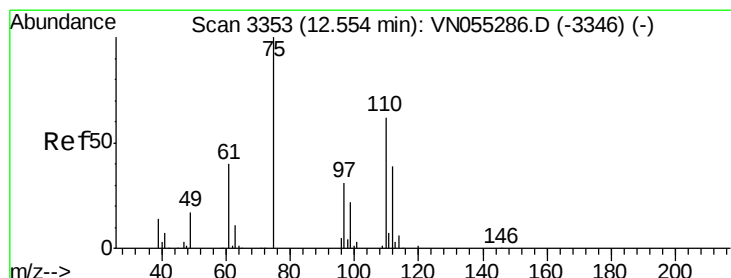
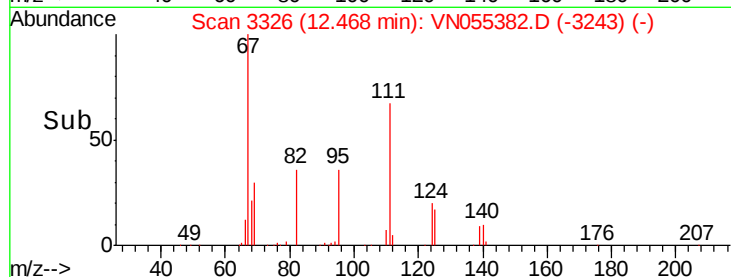
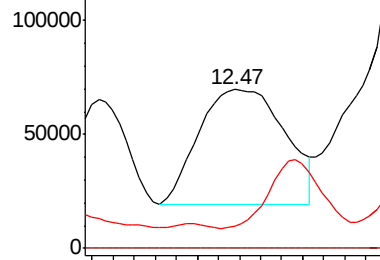
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN055382.D

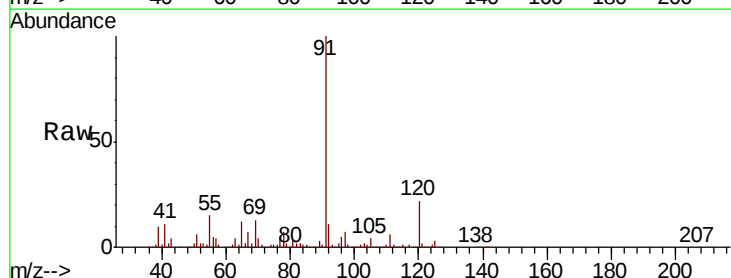
Acq: 3 May 2019 12:02

Tgt Ion: 75 Resp: 13776

Ion Ratio Lower Upper

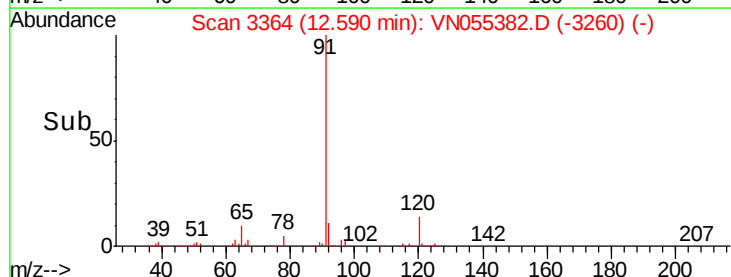
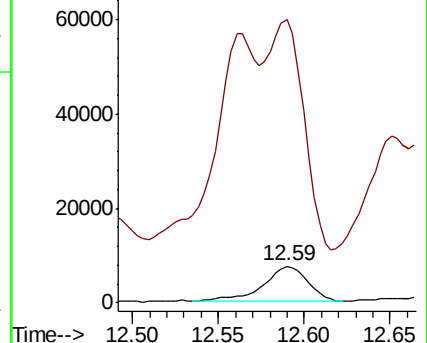
75 100

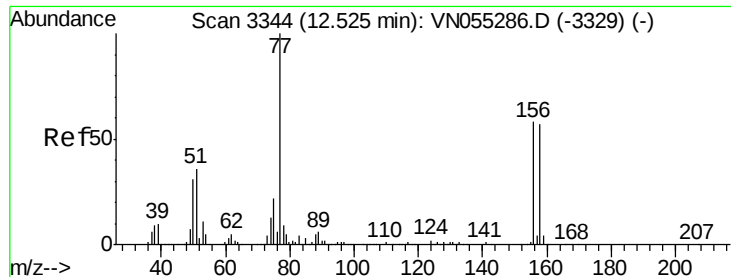
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: Below Cal

RT: 12.51 min Scan# 3340

Delta R.T. -0.01 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(14-17)

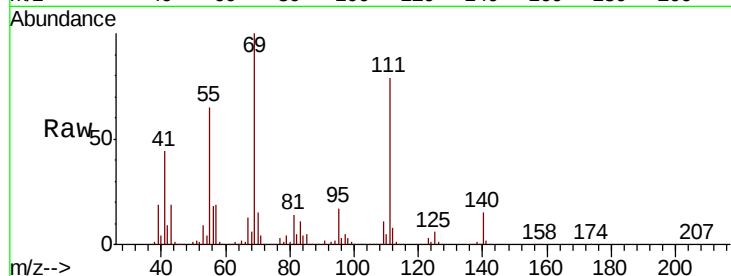
Tot Ion:156 Resp: 875

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

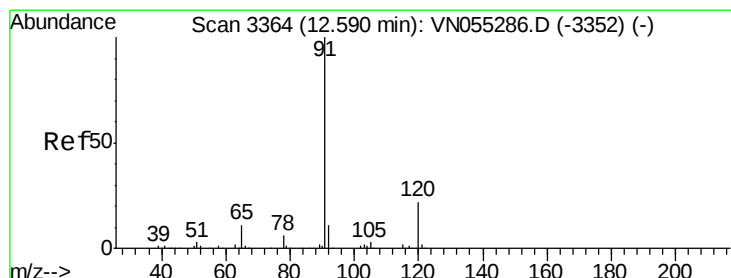
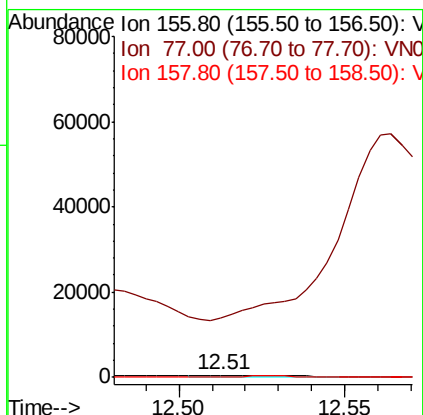
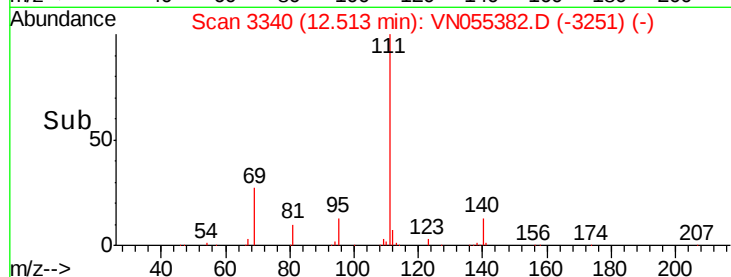
158 50.1 49.3 147.8



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: 62.995 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055382.D

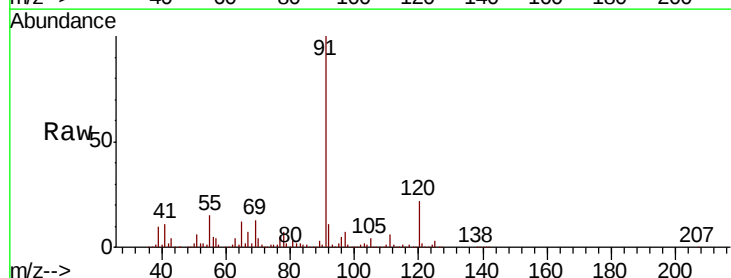
Acq: 3 May 2019 12:02

Tgt Ion: 91 Resp: 2087163

Ion Ratio Lower Upper

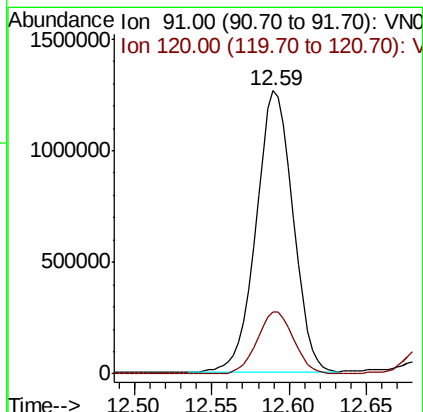
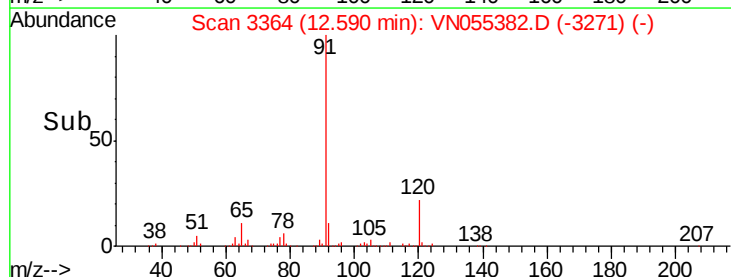
91 100

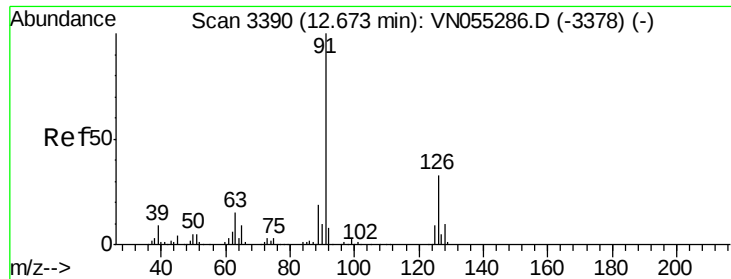
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

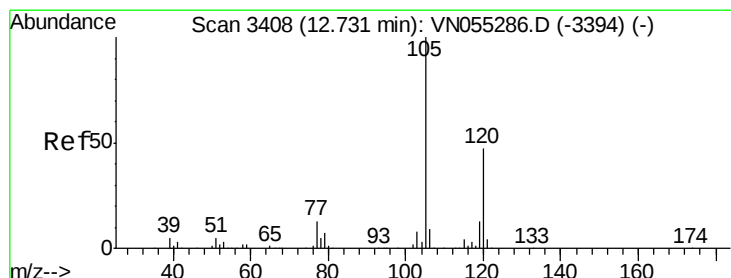
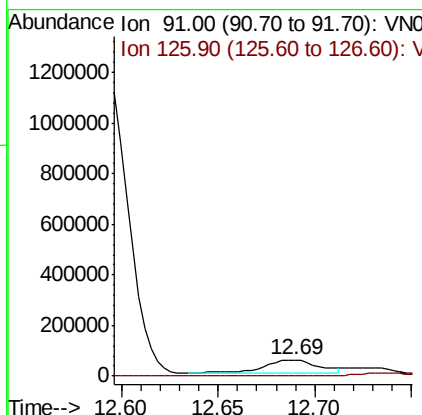
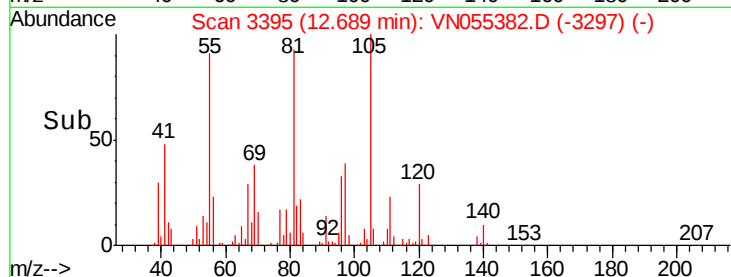
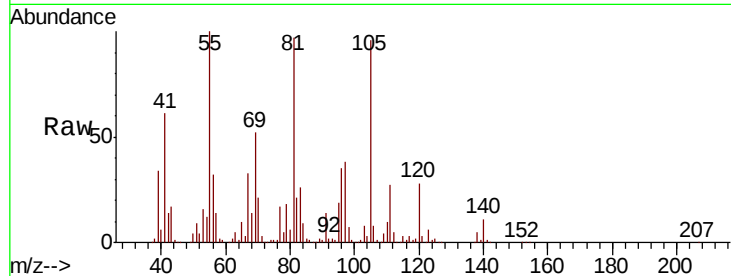




#79
2-Chlorotoluene
Concen: 3.755 ug/l
RT: 12.69 min Scan# 3395
Delta R.T. 0.02 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

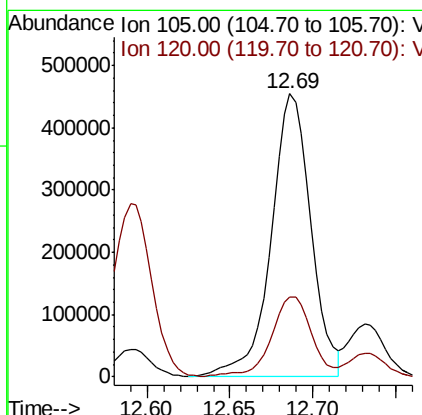
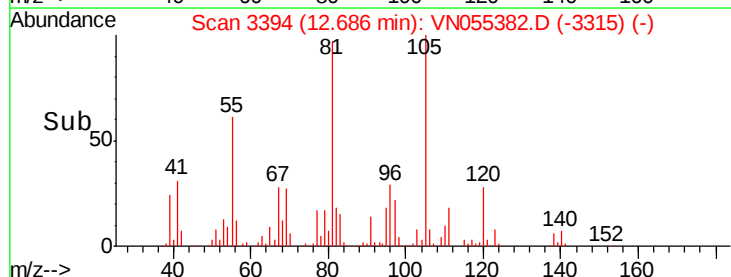
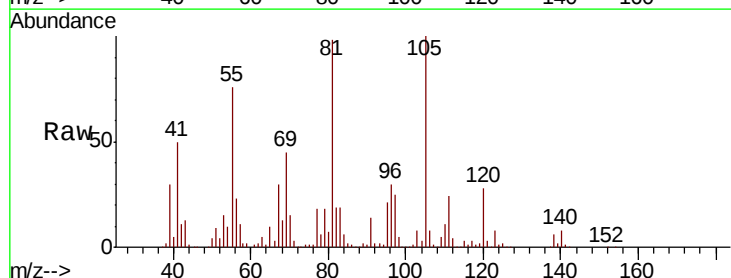
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(14-17)

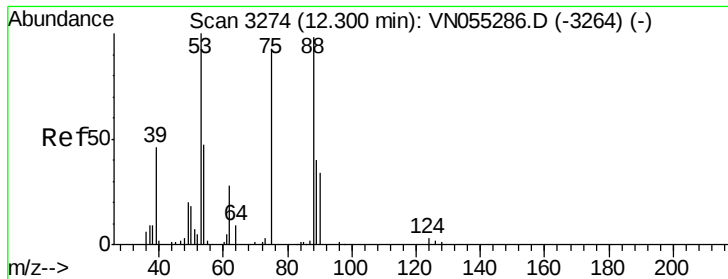
Tot Ion: 91 Resp: 108686
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 29.835 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. -0.04 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion: 105 Resp: 754430
Ion Ratio Lower Upper
105 100
120 27.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 5.854 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.05 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(14-17)

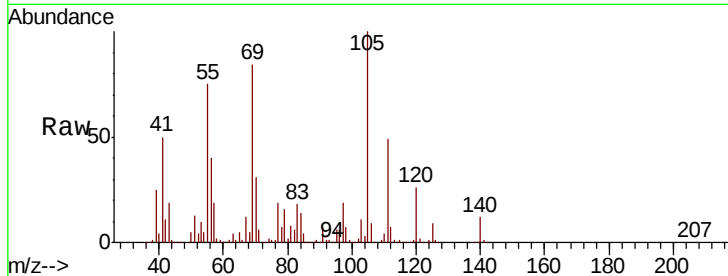
Tot Ion: 75 Resp: 9964

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

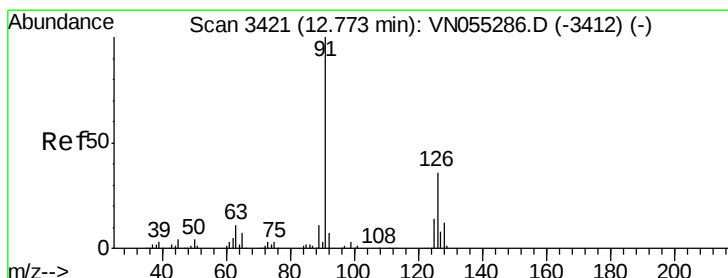
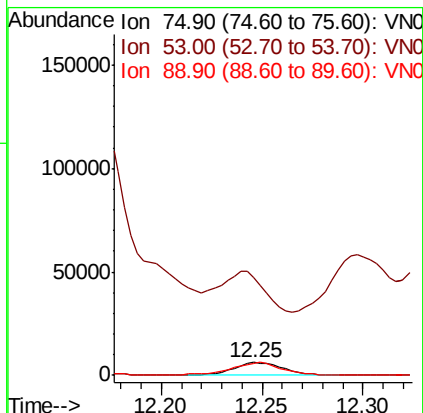
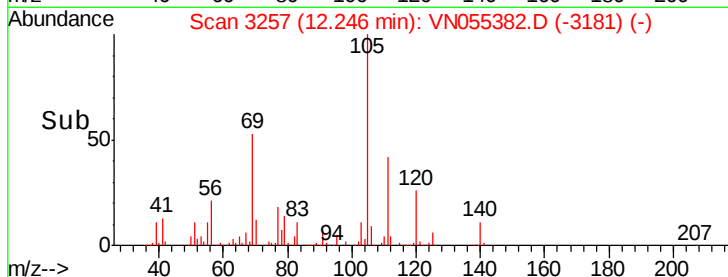
89 102.5 34.6 51.8#



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: 5.642 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.08 min

Lab File: VN055382.D

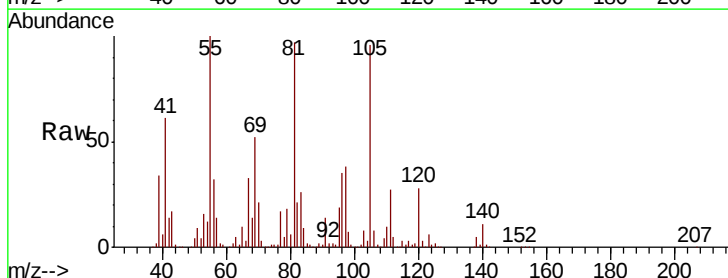
Acq: 3 May 2019 12:02

Tgt Ion: 91 Resp: 108686

Ion Ratio Lower Upper

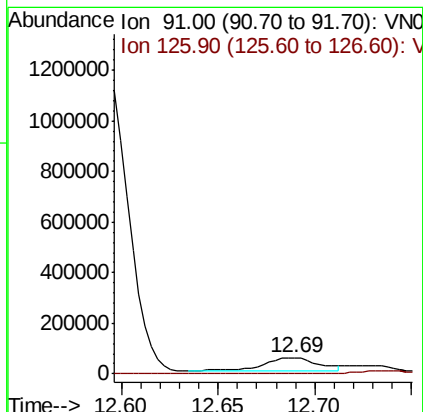
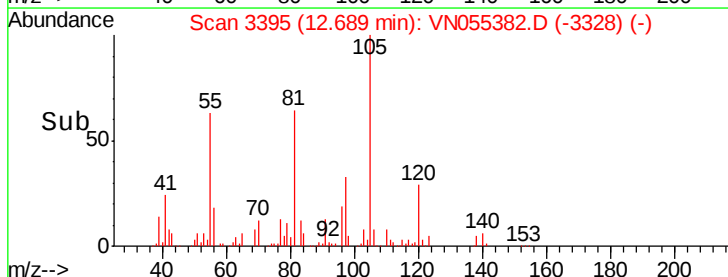
91 100

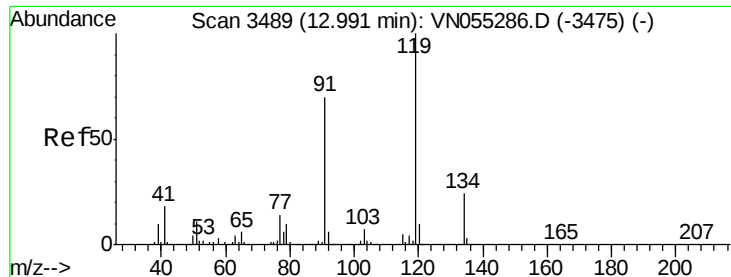
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

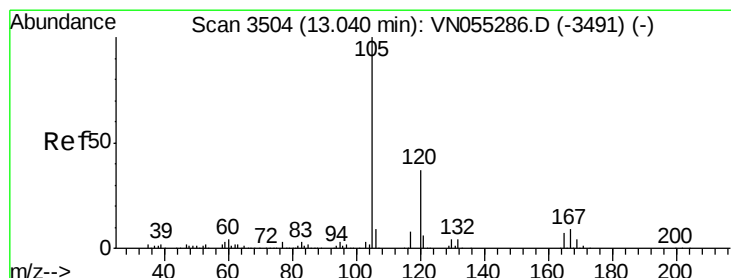
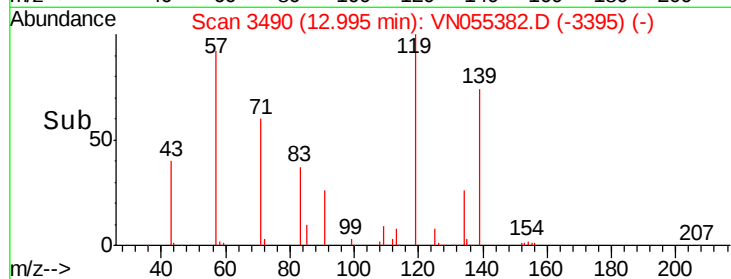
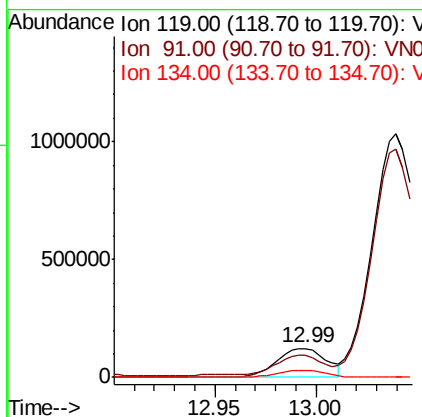
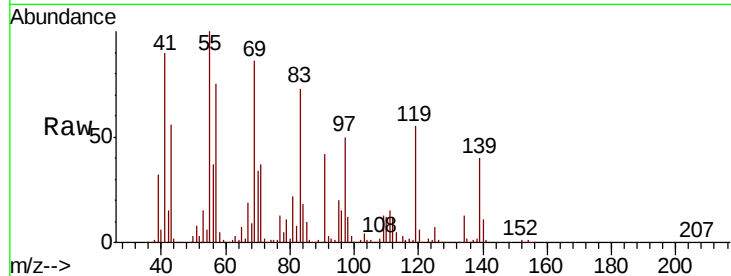




#83
 tert-Butylbenzene
 Concen: 9.217 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055382.D
 Acq: 3 May 2019 12:02

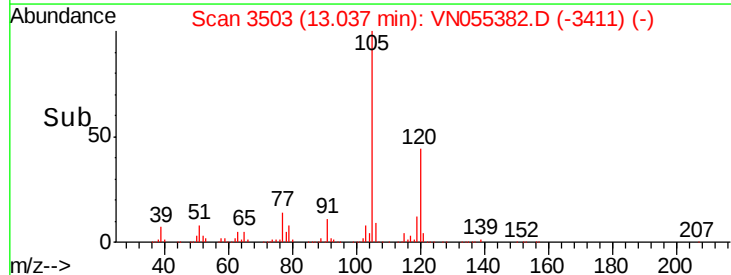
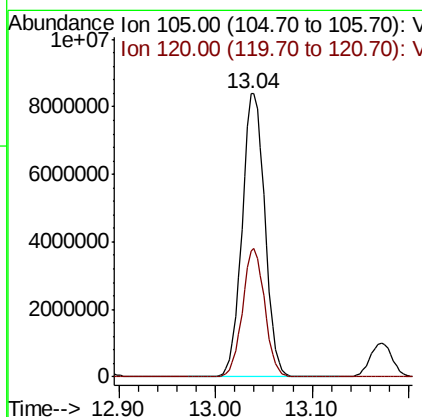
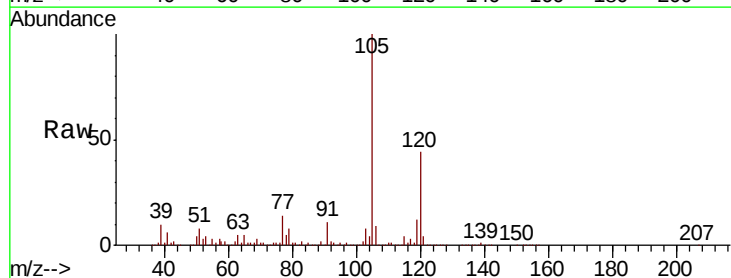
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(14-17)

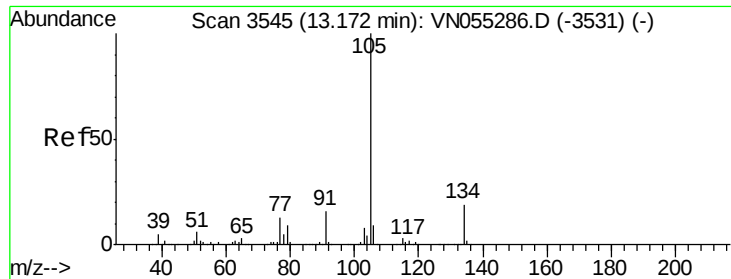
Tot Ion:119 Resp: 207453
 Ion Ratio Lower Upper
 119 100
 91 73.5 34.3 102.9
 134 23.3 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 603.693 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055382.D
 Acq: 3 May 2019 12:02

Tgt Ion:105 Resp:13652591
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 58.408 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

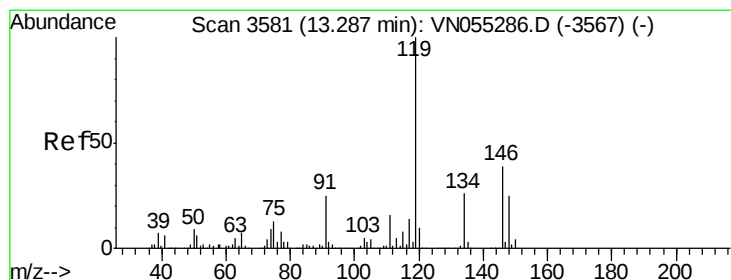
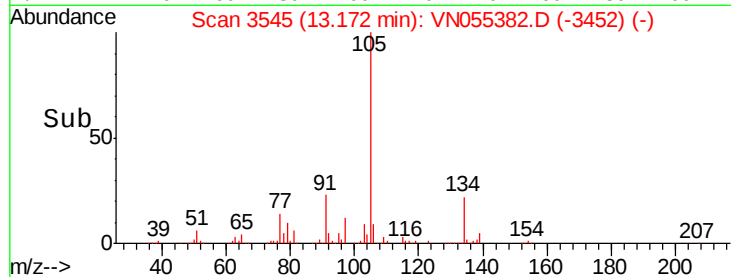
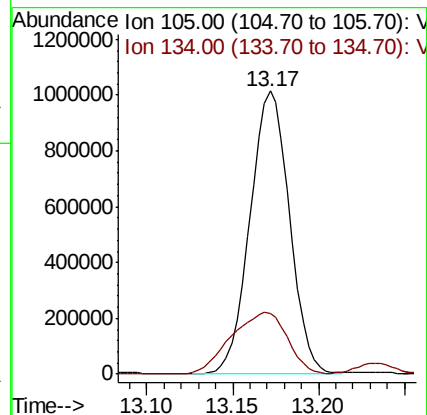
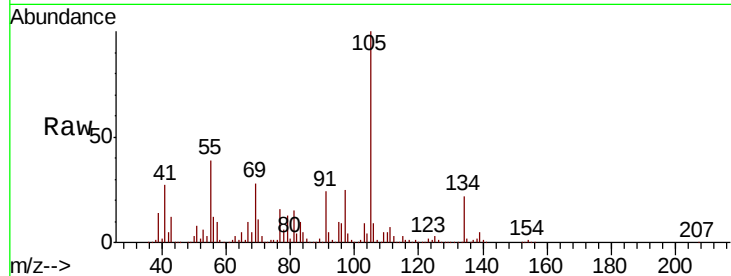
EP1-SB-E3-4(14-17)

Tot Ion:105 Resp: 1605307

Ion Ratio Lower Upper

105 100

134 31.3 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 32.574 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

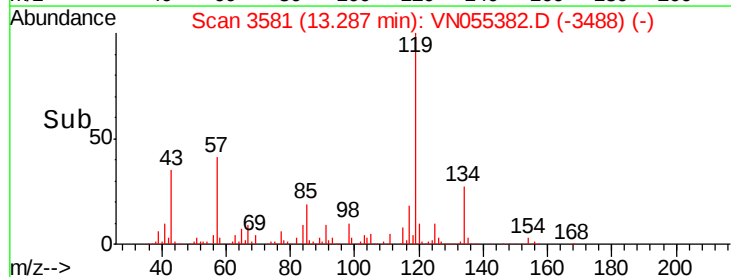
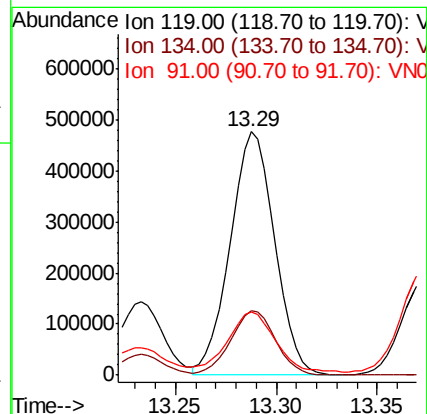
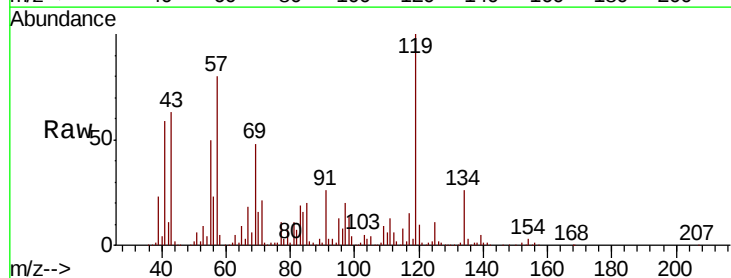
Tgt Ion:119 Resp: 735836

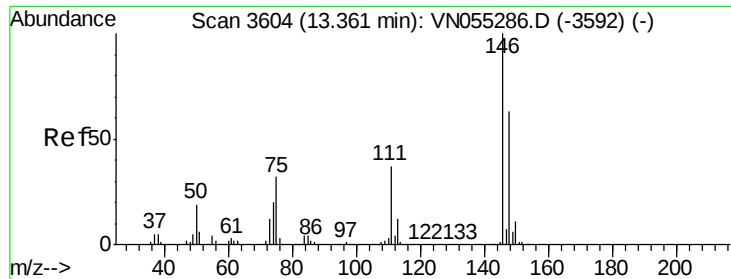
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 25.3 12.2 36.6

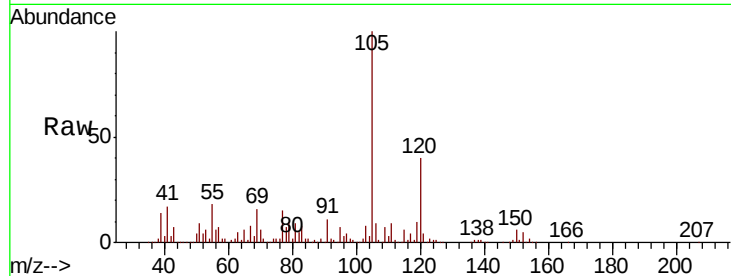




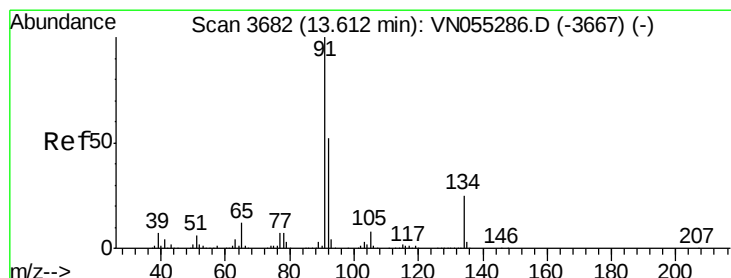
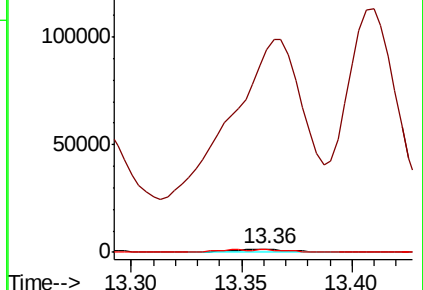
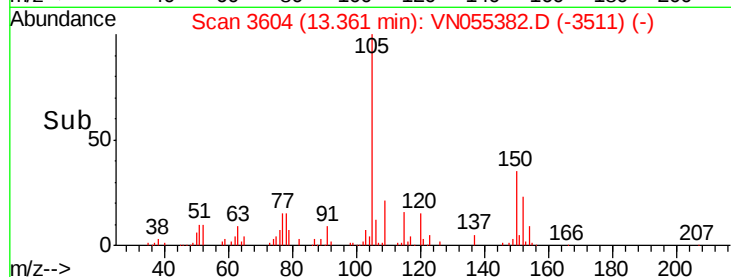
#88
 1,4-Dichlorobenzene
 Concen: 0.266 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055382.D
 Acq: 3 May 2019 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(14-17)

Tot Ion:146 Resp: 2699
 Ion Ratio Lower Upper
 146 100
 111 5967.5 19.5 58.5#
 148 42.0 32.5 97.4

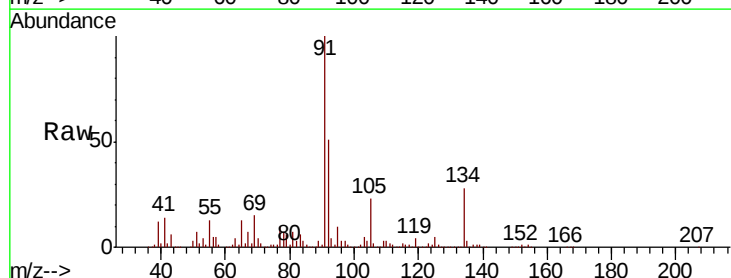


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

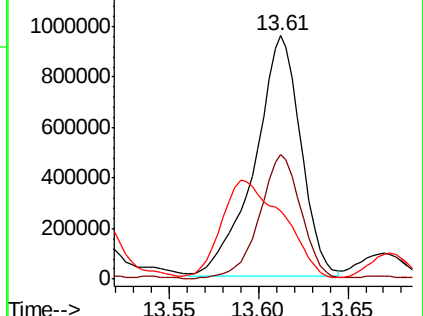
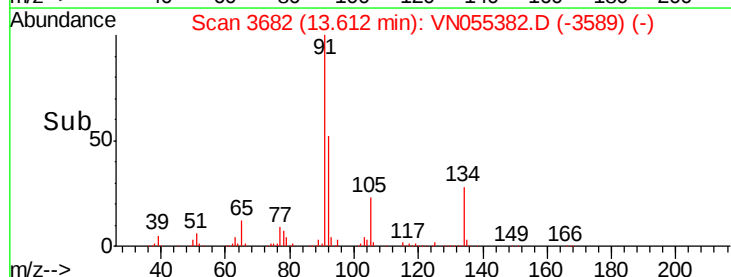


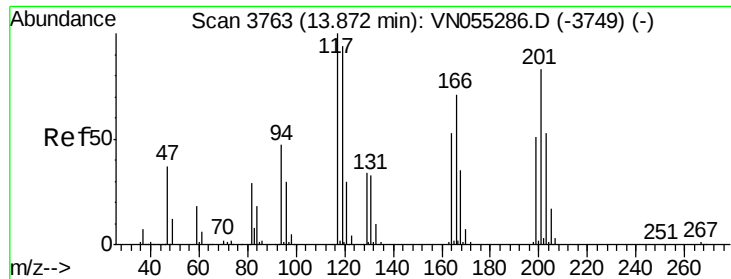
#89
 n-Butylbenzene
 Concen: 107.634 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055382.D
 Acq: 3 May 2019 12:02

Tgt Ion: 91 Resp: 1727730
 Ion Ratio Lower Upper
 91 100
 92 45.8 26.1 78.3
 134 0.0 12.4 37.4#



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V

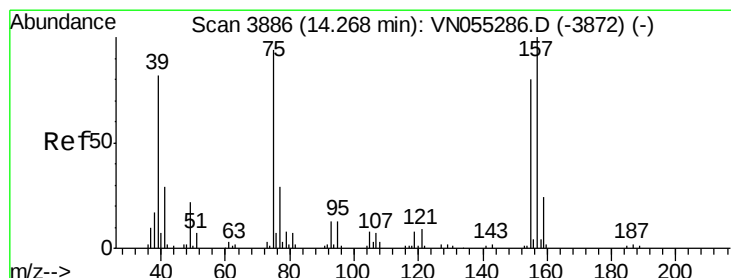
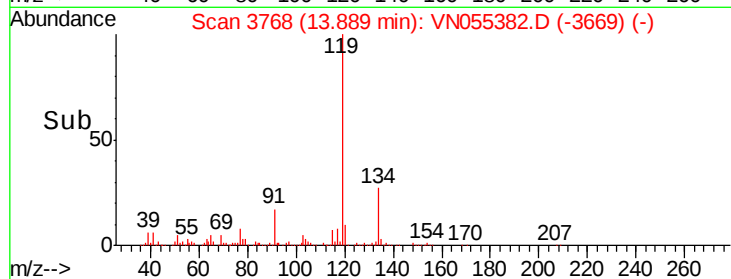
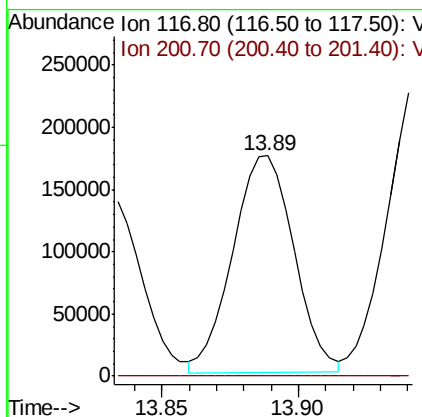
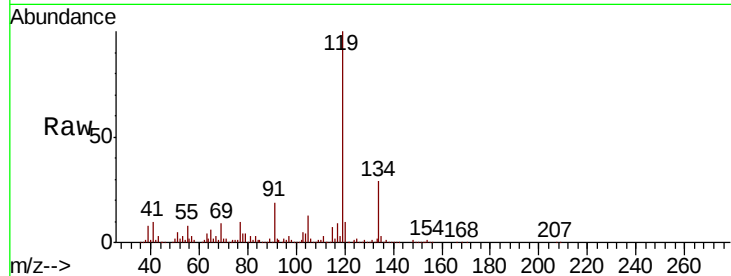




#90
Hexachloroethane
Concen: 77.207 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

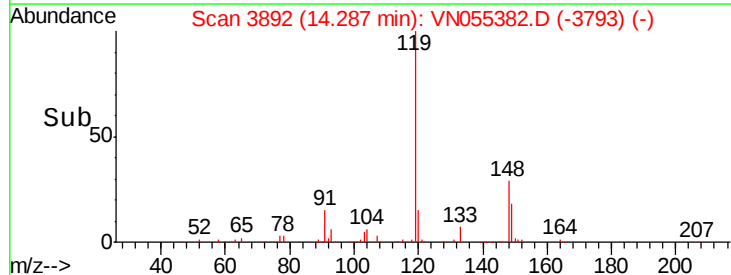
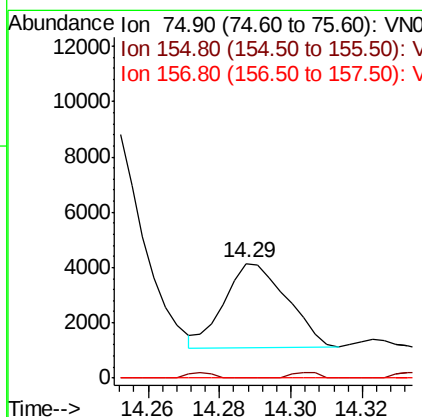
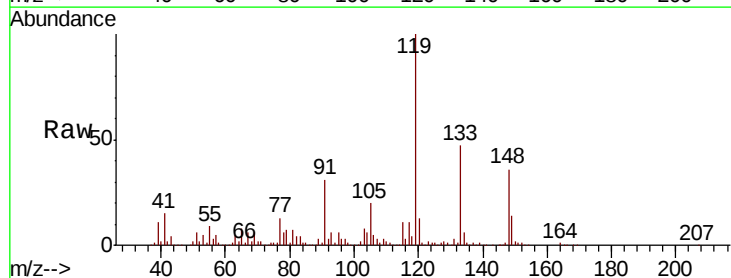
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(14-17)

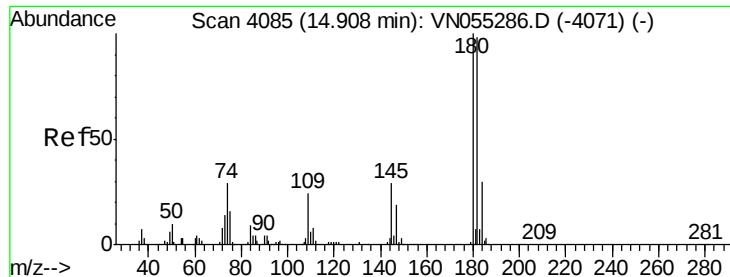
Tot Ion:117 Resp: 273087
Ion Ratio Lower Upper
117 100
201 0.0 41.9 125.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.365 ug/l
RT: 14.29 min Scan# 3892
Delta R.T. 0.02 min
Lab File: VN055382.D
Acq: 3 May 2019 12:02

Tgt Ion: 75 Resp: 3704
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 54.0 162.2#

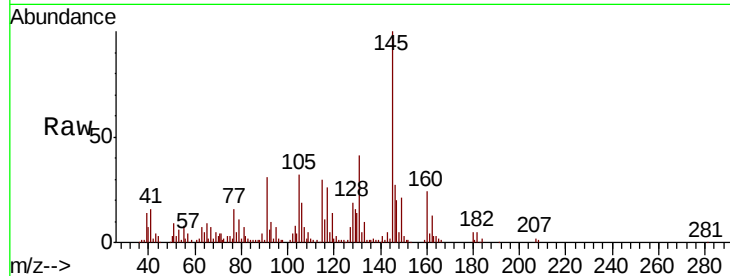




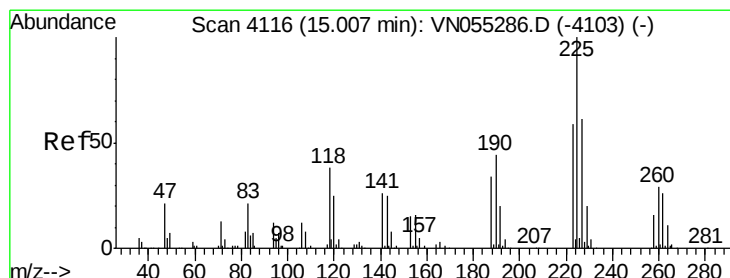
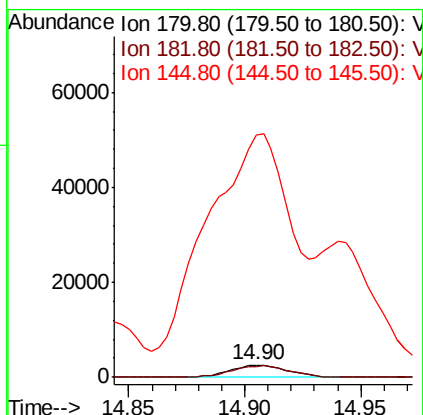
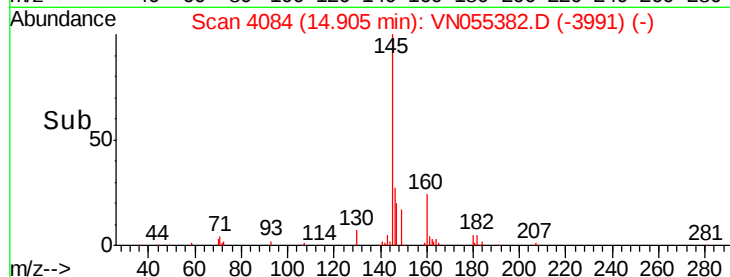
#93
 1,2,4-Trichlorobenzene
 Concen: 4.290 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN055382.D
 Acq: 3 May 2019 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(14-17)

Tot Ion:180 Resp: 4424
 Ion Ratio Lower Upper
 180 100
 182 91.3 48.3 144.9
 145 2494.3 14.2 42.6#

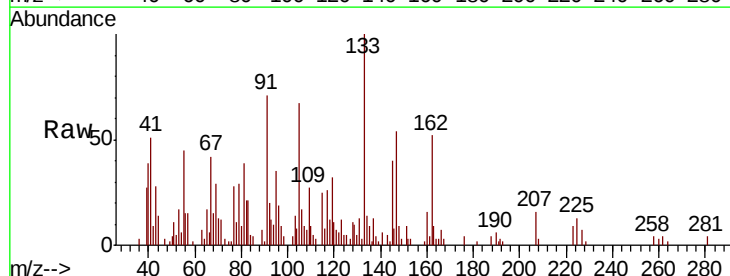


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

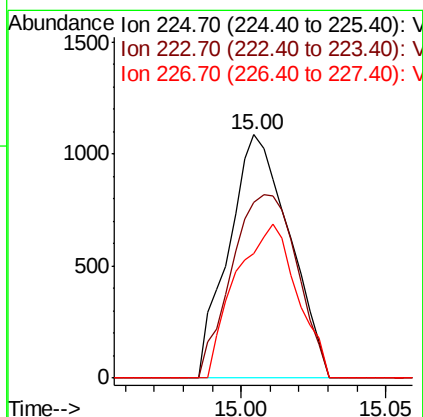
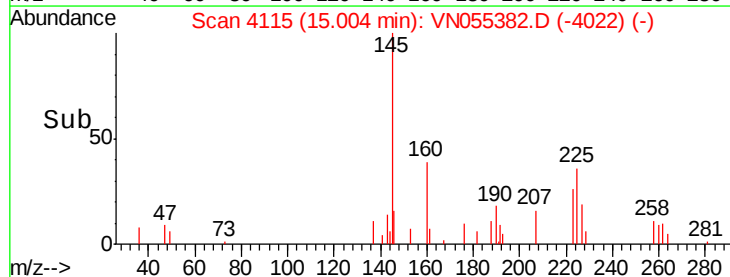


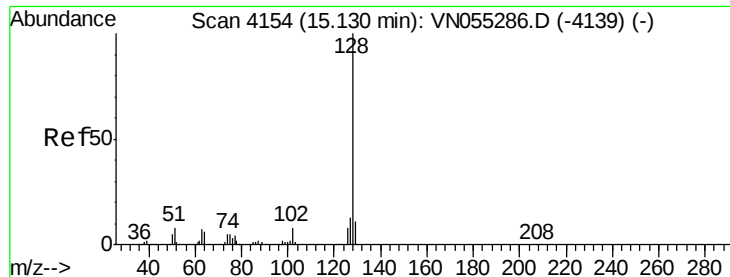
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN055382.D
 Acq: 3 May 2019 12:02

Tgt Ion:225 Resp: 1579
 Ion Ratio Lower Upper
 225 100
 223 81.3 30.3 90.8
 227 63.7 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: 17.183 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(14-17)

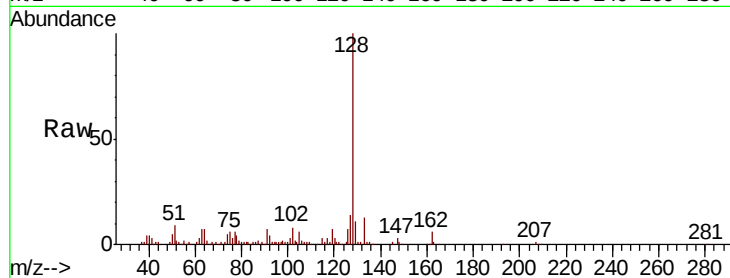
Tot Ion:128 Resp: 133069

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

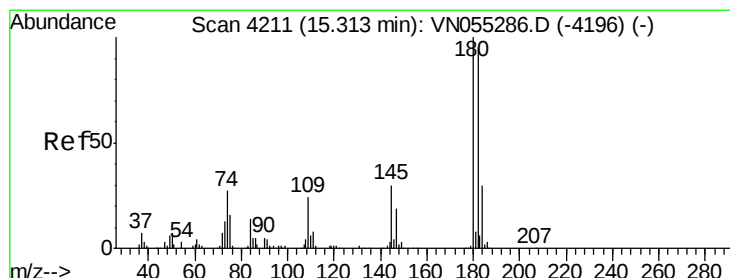
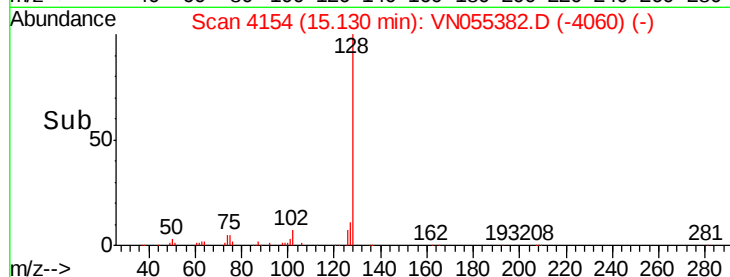
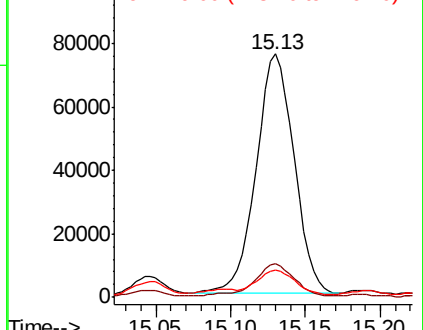
129 9.9 8.6 13.0



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: 3.674 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055382.D

Acq: 3 May 2019 12:02

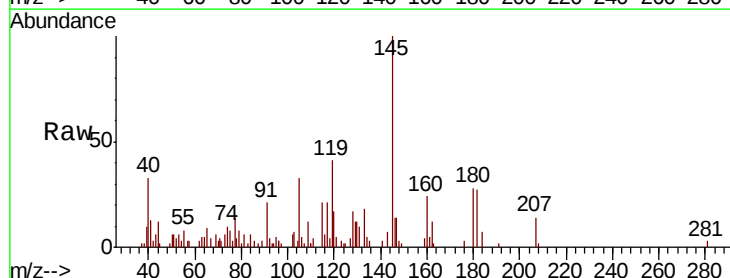
Tgt Ion:180 Resp: 4649

Ion Ratio Lower Upper

180 100

182 108.0 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

