

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055386.D
 Acq On : 3 May 2019 13:42
 Operator : JC/SP
 Sample : K2658-05DL 100X
 Misc : 5.97µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)DL

Quant Time: May 03 23:20:52 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	437092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	761324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	236341	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	297335	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
35) Dibromofluoromethane	7.59	113	238231	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	934457	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.40	95	309878	54.95	ug/l	0.00
Spiked Amount			Recovery	=	109.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	891	0.500	ug/l #	45
17) Carbon Disulfide	4.06	76	2310	0.205	ug/l #	74
18) Methyl Acetate	4.34	43	1382	Below Cal		98
31) Cyclohexane	7.66	56	10016	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	33776	4.632	ug/l #	46
38) Carbon Tetrachloride	7.67	117	40905	5.815	ug/l #	15
39) Methylcyclohexane	9.07	83	2266	0.292	ug/l #	78
41) Methacrylonitrile	7.24	41	420	0.877	ug/l #	32
43) Isopropyl Acetate	8.24	43	6363	0.708	ug/l #	56
55) 1,1,2-Trichloroethane	10.53	97	3964	0.865	ug/l #	13
56) Ethyl methacrylate	10.43	69	2183	0.387	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.70	63	29	12.421	ug/l #	52
59) 2-Hexanone	10.72	43	29058	9.184	ug/l #	31
68) m/p-Xylenes	11.62	106	2479	0.287	ug/l	86
71) Bromoform	12.40	173	1019	0.350	ug/l #	29
73) Isopropylbenzene	12.25	105	48052	Below Cal		99
74) N-amyl acetate	12.04	43	157587	25.981	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.48	83	10266	Below Cal	#	52
76) 1,2,3-Trichloropropane	12.40	75	157942	35.208	ug/l #	100
77) Bromobenzene	12.52	156	423	Below Cal	#	9
78) n-propylbenzene	12.59	91	138558	5.707	ug/l	99
79) 2-Chlorotoluene	12.69	91	15645	Below Cal	#	48
80) 1,3,5-Trimethylbenzene	12.73	105	191210	10.320	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	157942	126.644	ug/l #	8
82) 4-Chlorotoluene	12.73	91	20497	1.452	ug/l #	54
83) tert-Butylbenzene	12.99	119	12956	Below Cal		94
84) 1,2,4-Trimethylbenzene	13.04	105	747552	45.113	ug/l	99
85) sec-Butylbenzene	13.17	105	94793	4.707	ug/l #	75
86) p-Isopropyltoluene	13.29	119	81025	4.895	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1516	0.204	ug/l #	1
89) n-Butylbenzene	13.61	91	74863	6.365	ug/l #	81
90) Hexachloroethane	13.89	117	11847	3.041	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	887	1.427	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1890	3.882	ug/l #	11

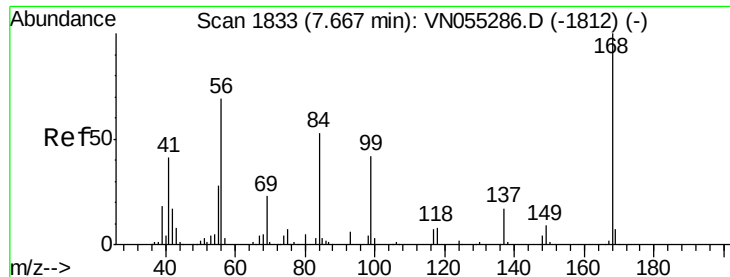
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	1360	Below Cal	94
95) Naphthalene	15.13	128	9253	4.643 µg/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	2293	3.327 µg/l #	71

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

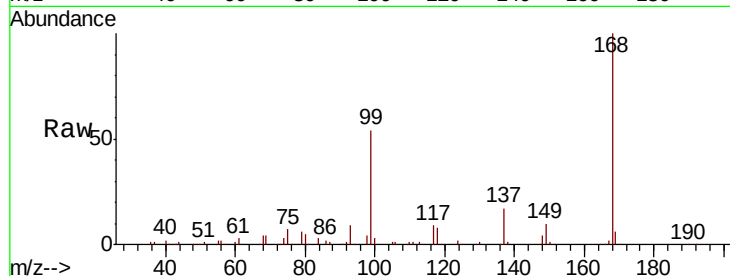
EP1-SB-E7(14-17)DL

Tot Ion:168 Resp: 437092

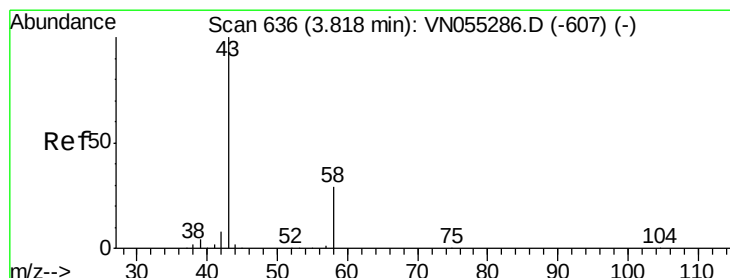
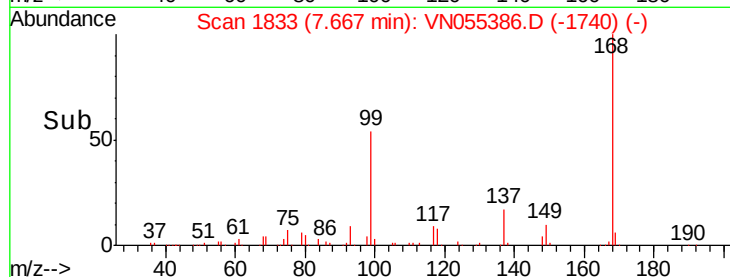
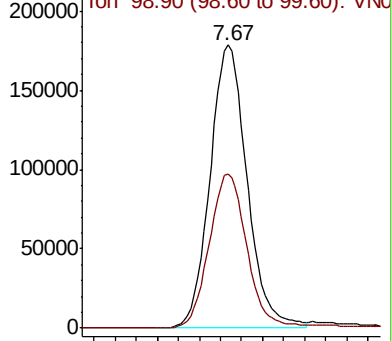
Ion Ratio Lower Upper

168 100

99 54.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055386.D (-1740) (-)



#16

Acetone

Concen: 0.500 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055386.D

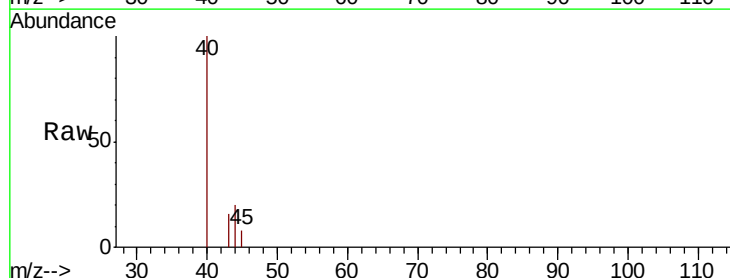
Acq: 3 May 2019 13:42

Tgt Ion: 43 Resp: 891

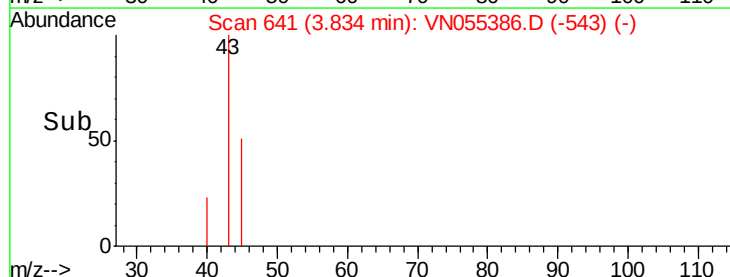
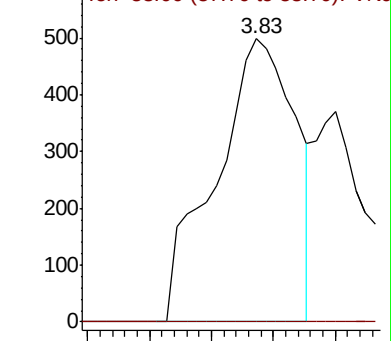
Ion Ratio Lower Upper

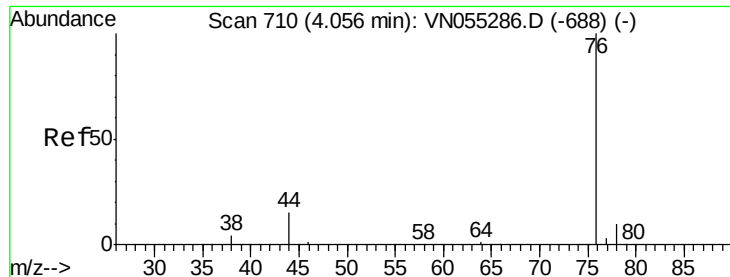
43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055386.D (-543) (-)





#17

Carbon Disulfide

Concen: 0.205 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

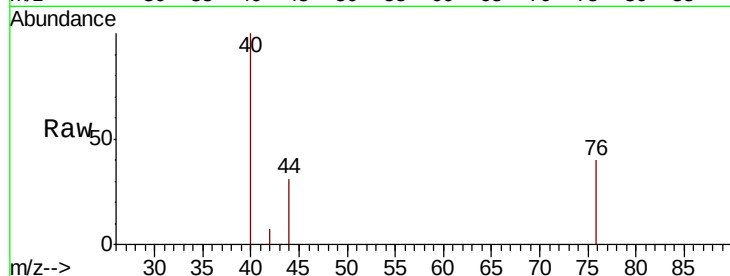
EP1-SB-E7(14-17)DL

Tot Ion: 76 Resp: 2310

Ion Ratio Lower Upper

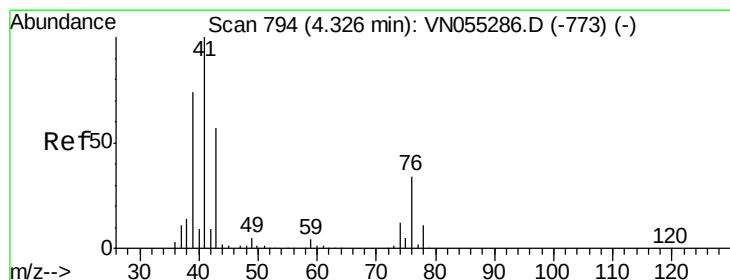
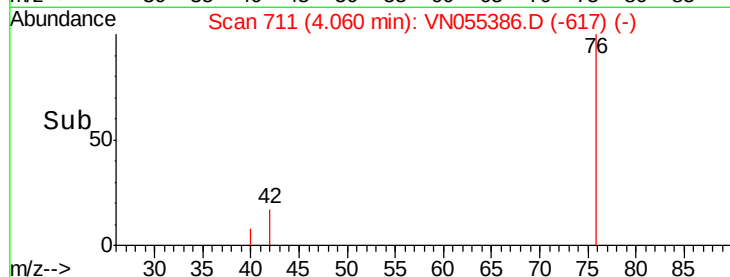
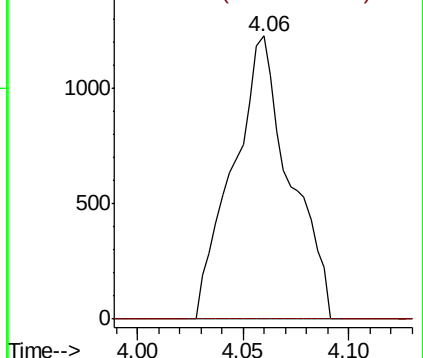
76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055386.D

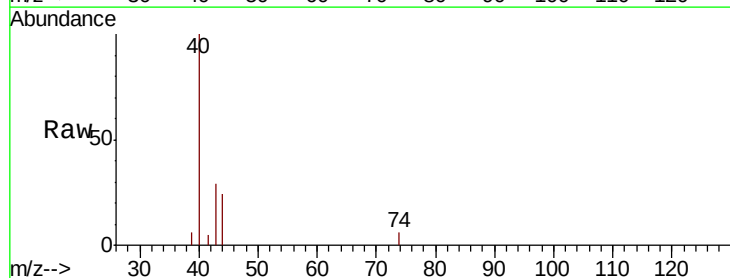
Acq: 3 May 2019 13:42

Tgt Ion: 43 Resp: 1382

Ion Ratio Lower Upper

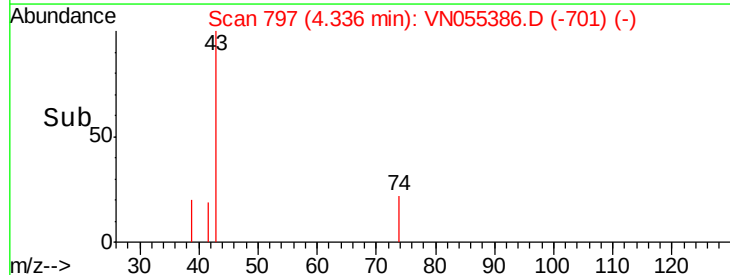
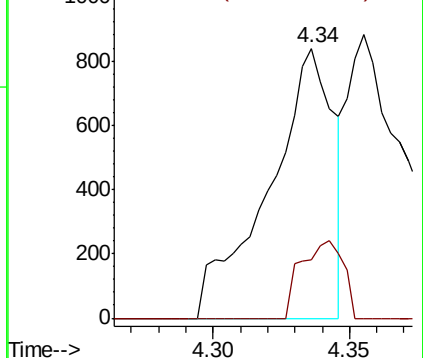
43 100

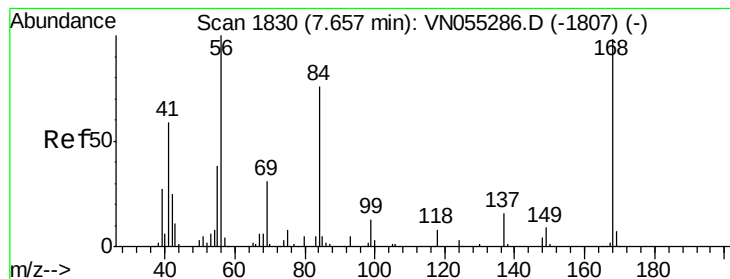
74 18.7 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#31

Cyclohexane

Concen: 1.114 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)DL

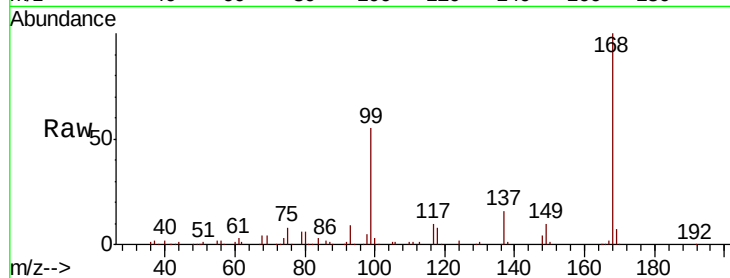
Tot Ion: 56 Resp: 10016

Ion Ratio Lower Upper

56 100

69 170.1 25.2 37.8#

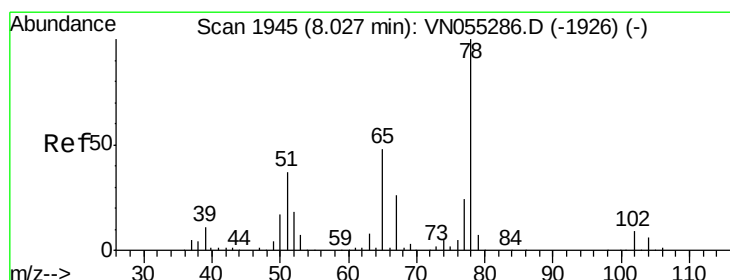
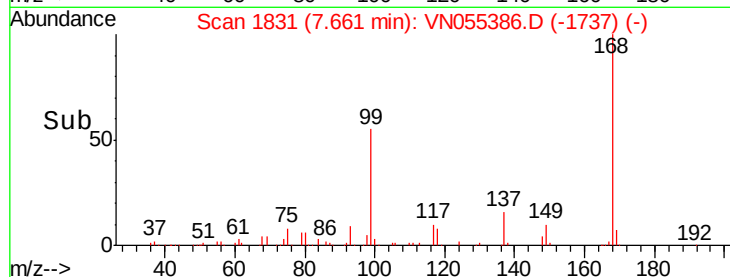
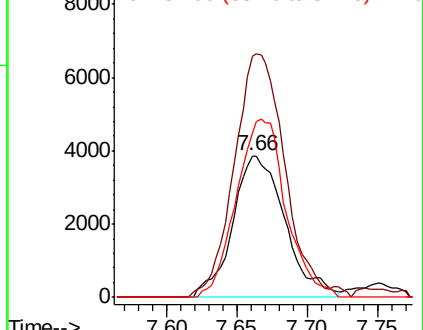
84 116.4 61.1 91.7#



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: 51.998 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055386.D

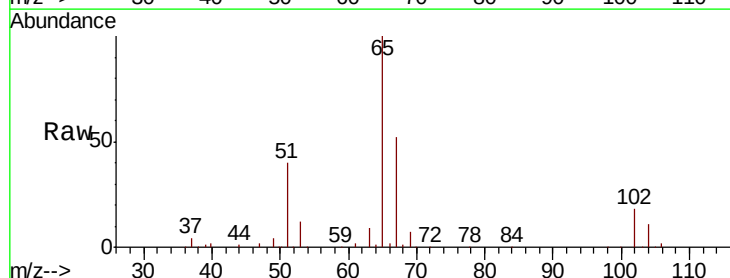
Acq: 3 May 2019 13:42

Tgt Ion: 65 Resp: 297335

Ion Ratio Lower Upper

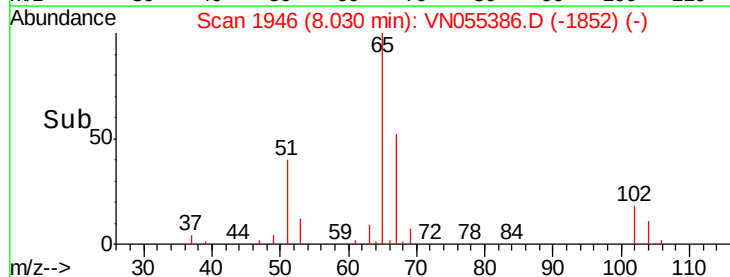
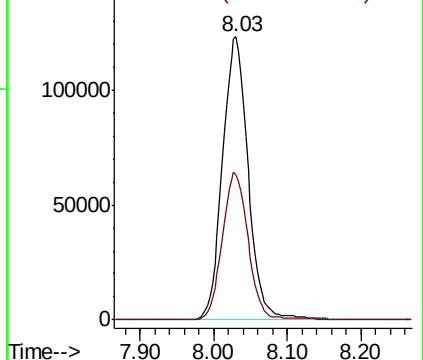
65 100

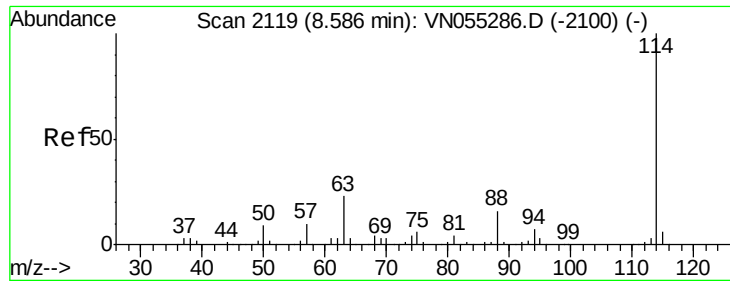
67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

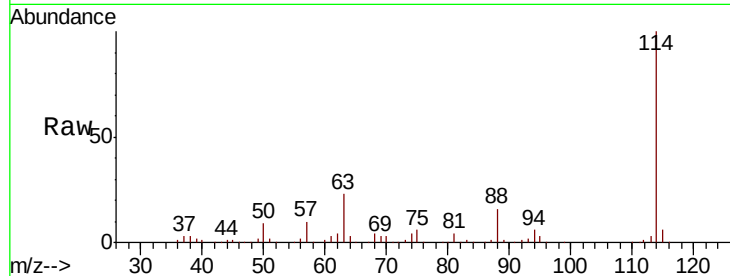




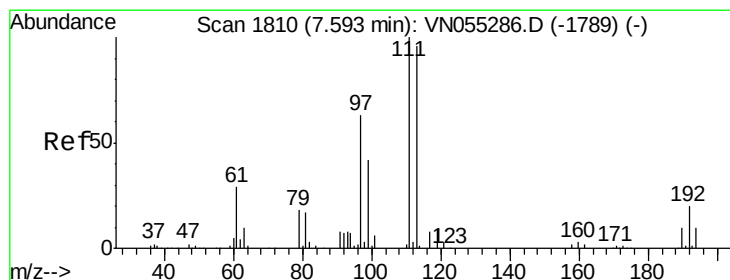
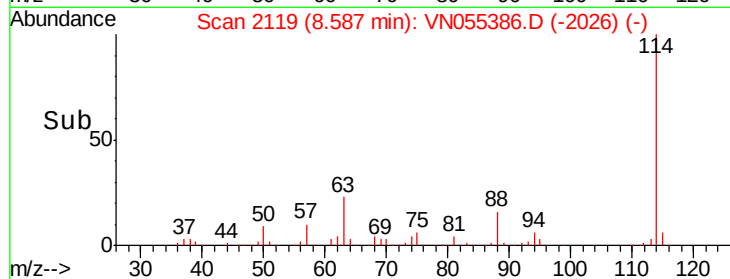
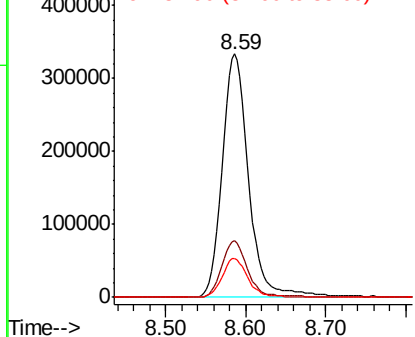
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Instrument :
MSVOA_N
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EP1-SB-E7(14-17)DL

Tot Ion:114 Resp: 761324
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.2
88 16.1 0.0 31.6

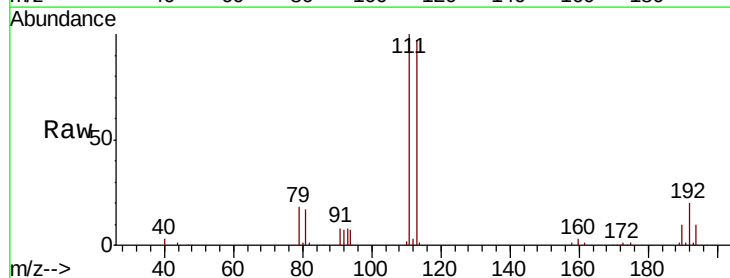


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

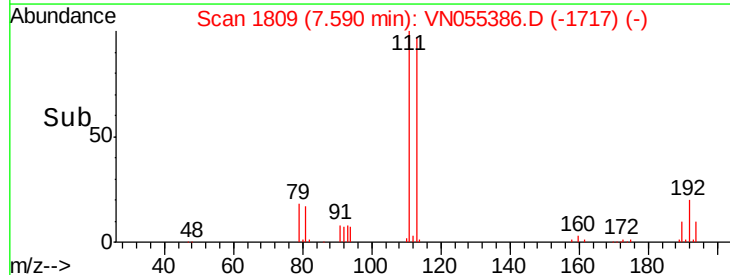
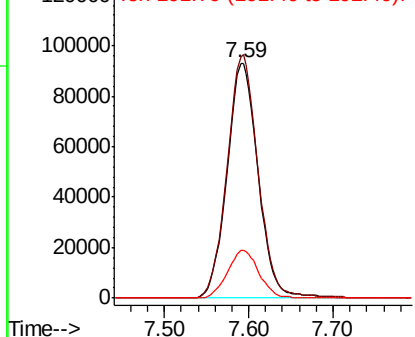


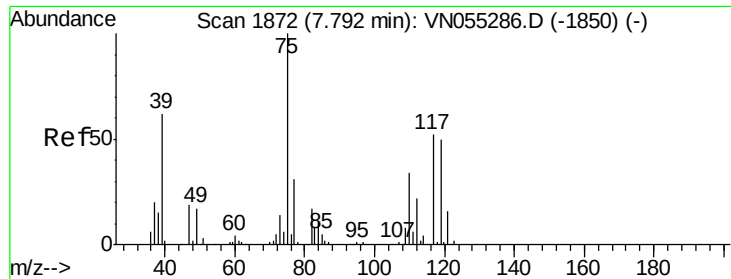
#35
Dibromofluoromethane
Concen: 47.674 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Tgt Ion:113 Resp: 238231
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.5 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

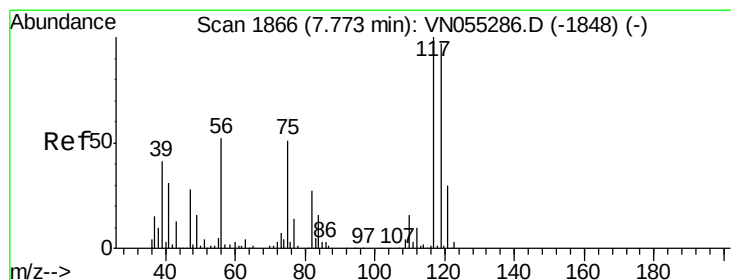
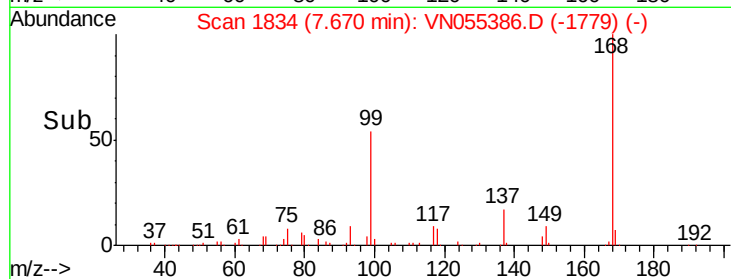
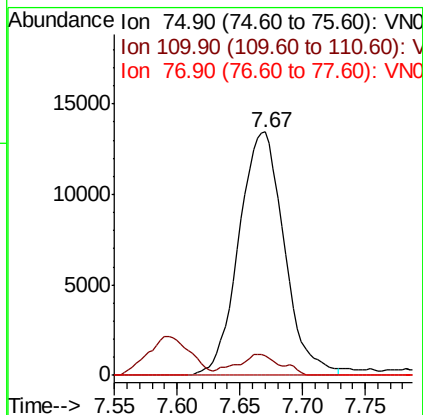
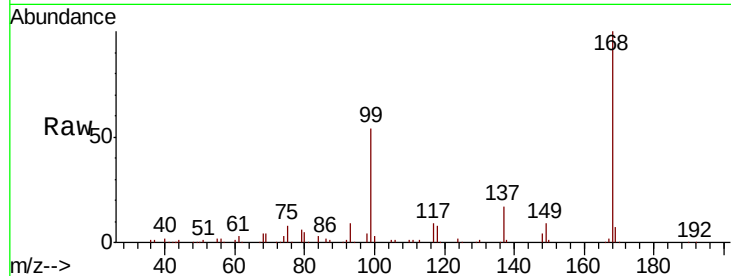




#36
 1,1-Dichloropropene
 Concen: 4.632 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

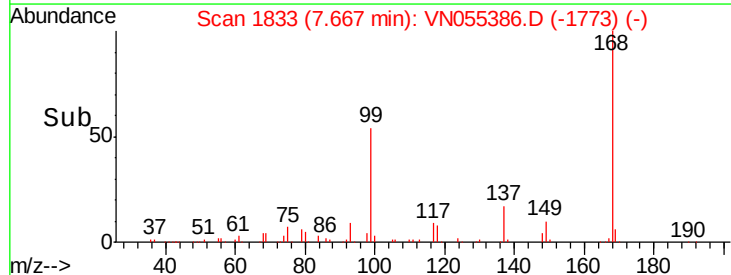
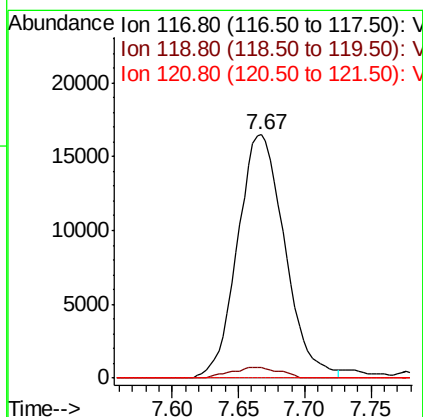
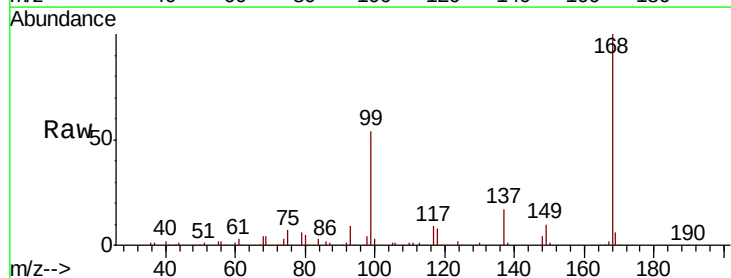
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 EP1-SB-E7(14-17)DL

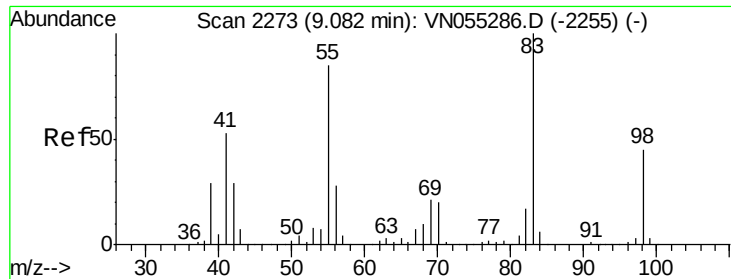
Tot Ion: 75 Resp: 33776
 Ion Ratio Lower Upper
 75 100
 110 4.6 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.815 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

Tgt Ion: 117 Resp: 40905
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.0 115.6#
 121 0.0 23.8 35.8#

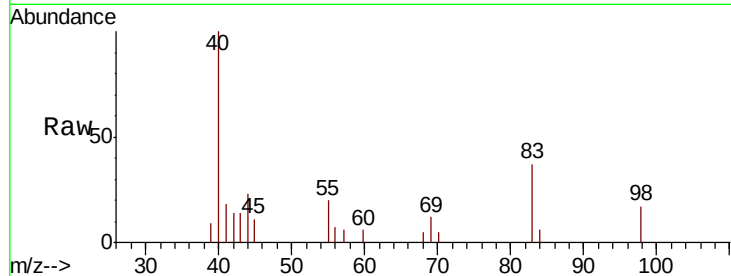




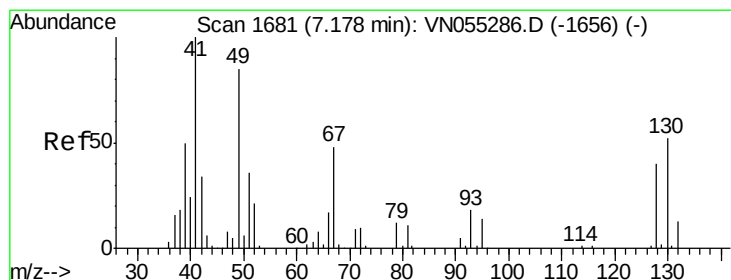
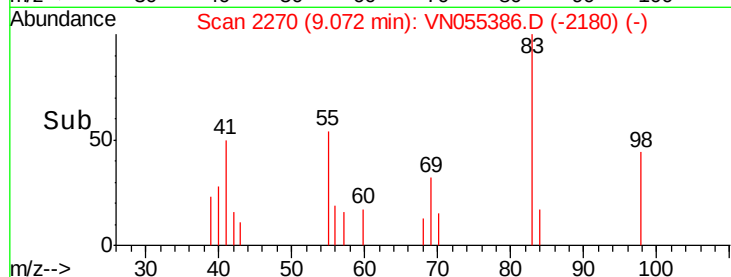
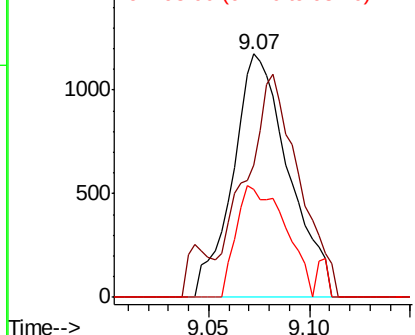
#39
Methylvlcyclohexane
Concen: 0.292 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)DL

Tot Ion: 83 Resp: 2266
Ion Ratio Lower Upper
83 100
55 54.3 67.8 101.6#
98 44.4 36.2 54.4



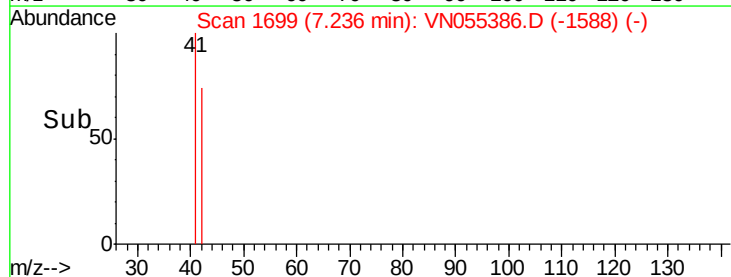
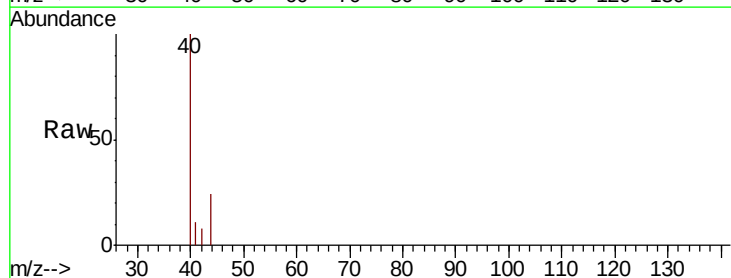
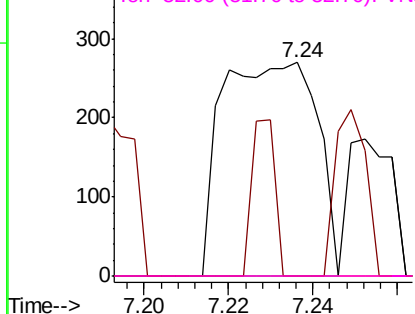
Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

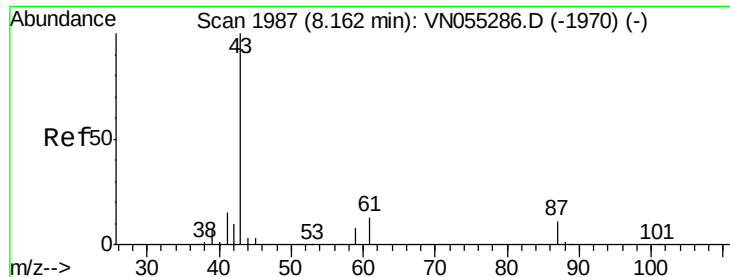


#41
Methacrylonitrile
Concen: 0.877 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.06 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Tgt Ion: 41 Resp: 420
Ion Ratio Lower Upper
41 100
39 18.1 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





#43

Isopropyl Acetate

Concen: 0.708 ug/l

RT: 8.24 min Scan# 2010

Delta R.T. 0.07 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)DL

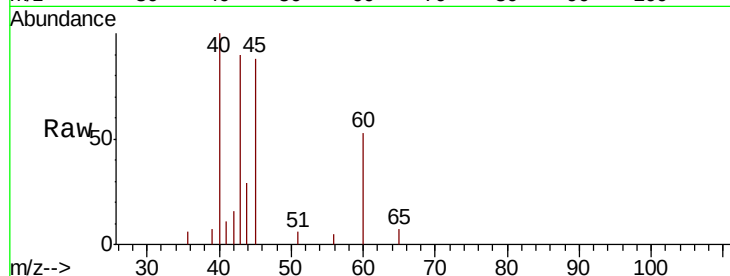
Tot Ion: 43 Resp: 6363

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

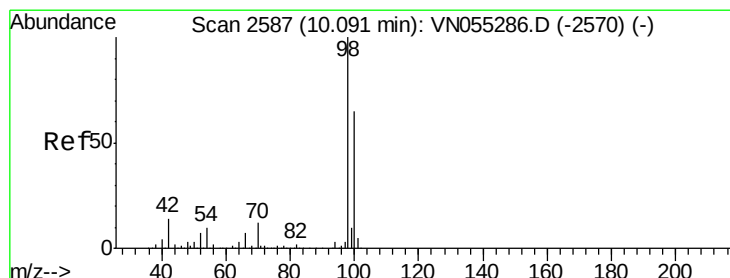
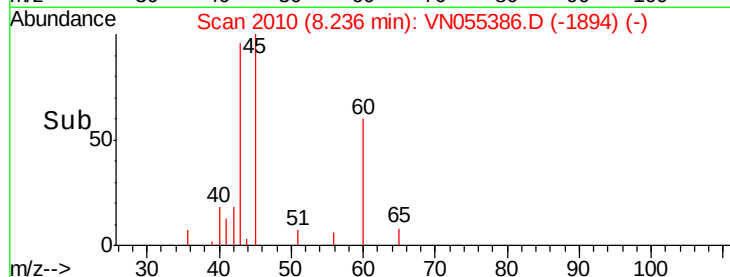
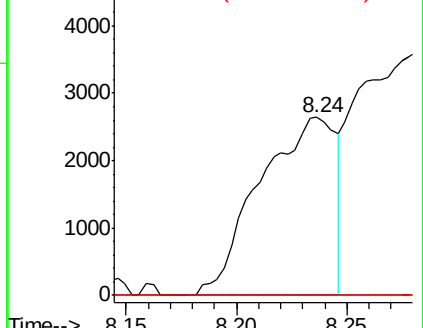
87 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.788 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055386.D

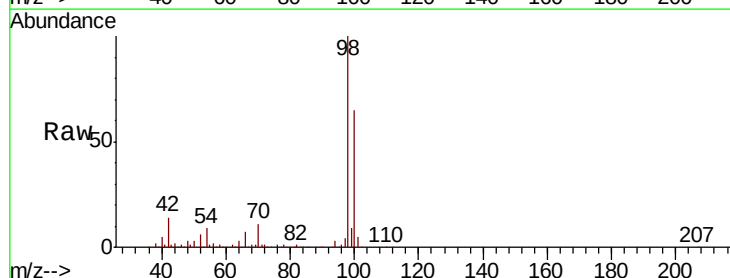
Acq: 3 May 2019 13:42

Tgt Ion: 98 Resp: 934457

Ion Ratio Lower Upper

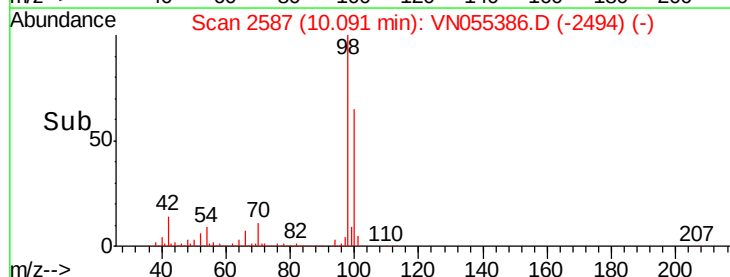
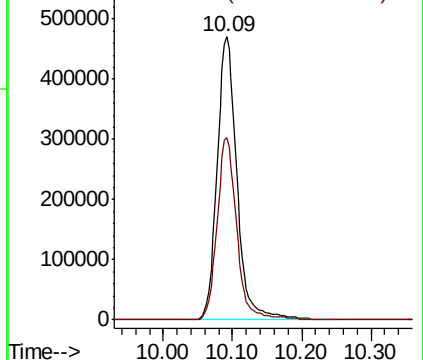
98 100

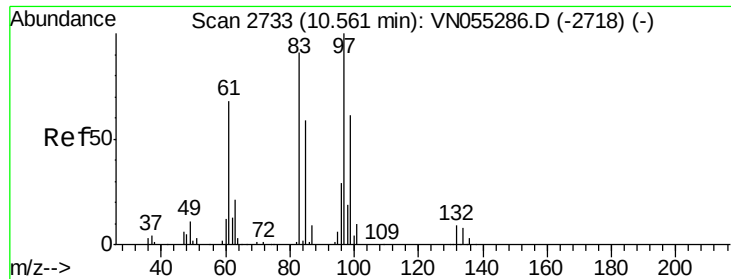
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

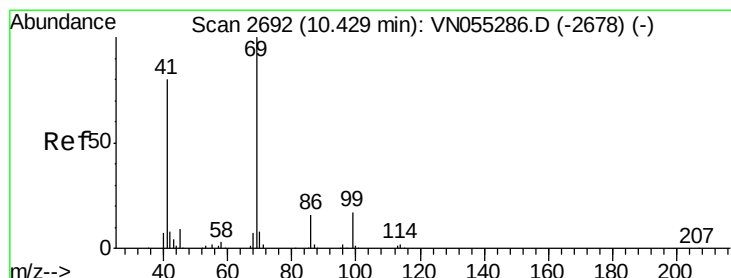
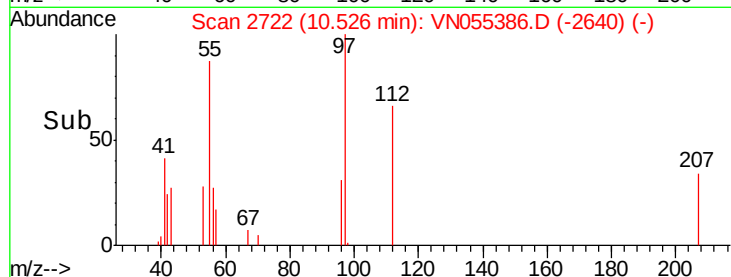
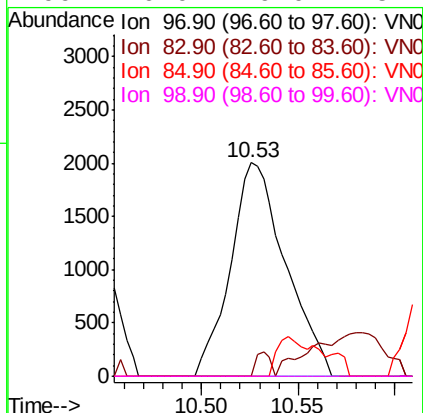
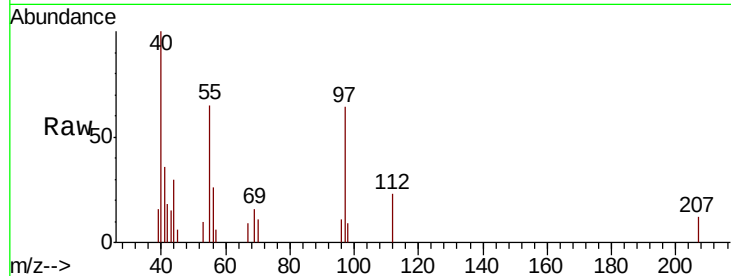




#55
 1,1,2-Trichloroethane
 Concen: 0.865 ug/l
 RT: 10.53 min Scan# 2722
 Delta R.T. -0.04 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

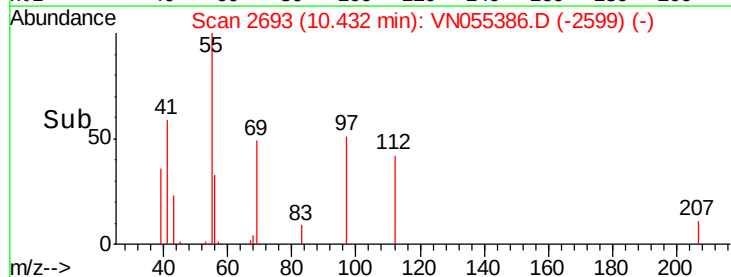
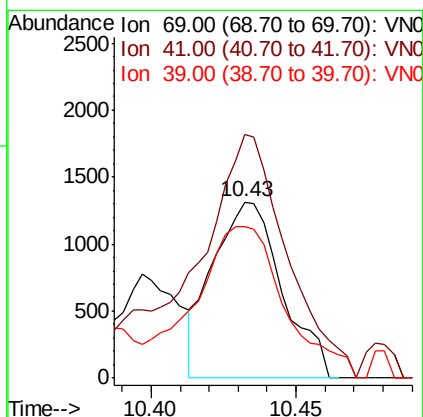
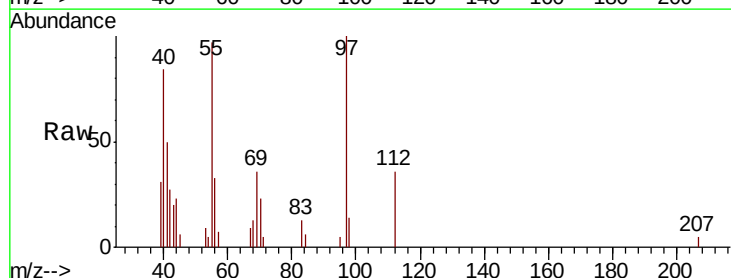
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)DL

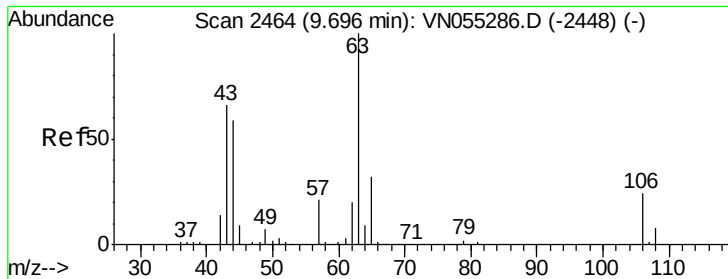
Tot Ion: 97 Resp: 3964
 Ion Ratio Lower Upper
 97 100
 83 0.0 72.8 109.2#
 85 0.0 47.0 70.6#
 99 0.0 49.0 73.4#



#56
 Ethyl methacrylate
 Concen: 0.387 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

Tgt Ion: 69 Resp: 2183
 Ion Ratio Lower Upper
 69 100
 41 209.1 62.7 94.1#
 39 112.5 32.0 48.0#





#58

2-Chloroethyl Vinyl ether

Concen: 12.421 ug/l

RT: 9.70 min Scan# 2466

Delta R.T. 0.01 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

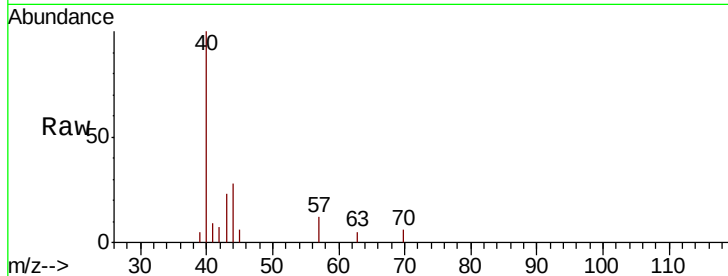
EP1-SB-E7(14-17)DL

Tot Ion: 63 Resp: 29

Ion Ratio Lower Upper

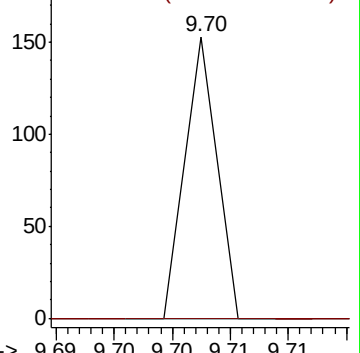
63 100

106 0.0 19.0 28.4#

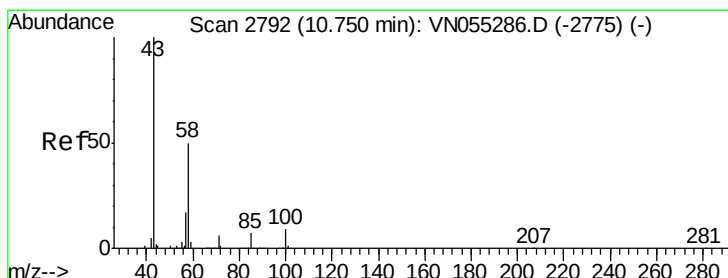
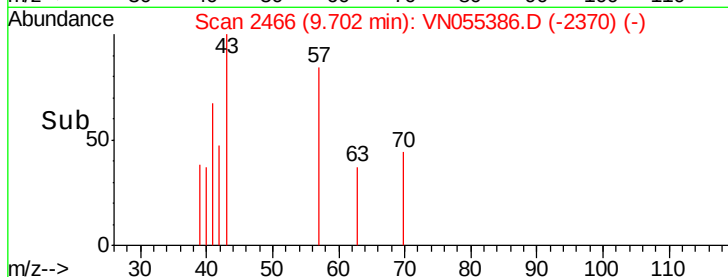


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->



#59

2-Hexanone

Concen: 9.184 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN055386.D

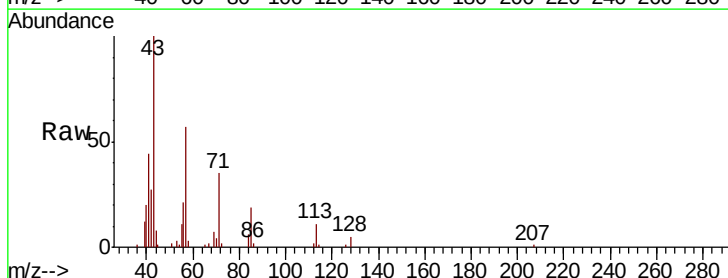
Acq: 3 May 2019 13:42

Tgt Ion: 43 Resp: 29058

Ion Ratio Lower Upper

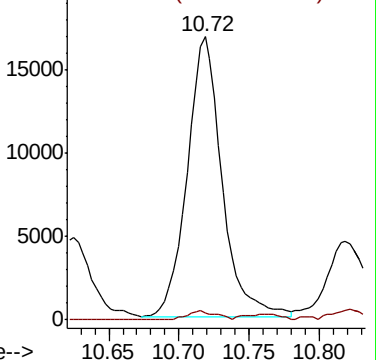
43 100

58 2.6 24.9 74.6#

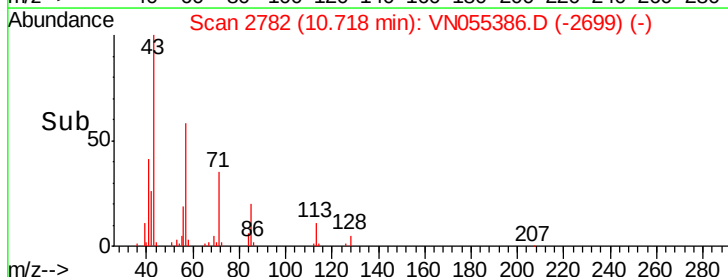


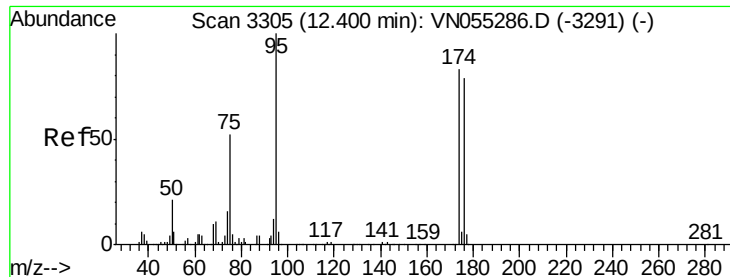
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: 54.949 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)DL

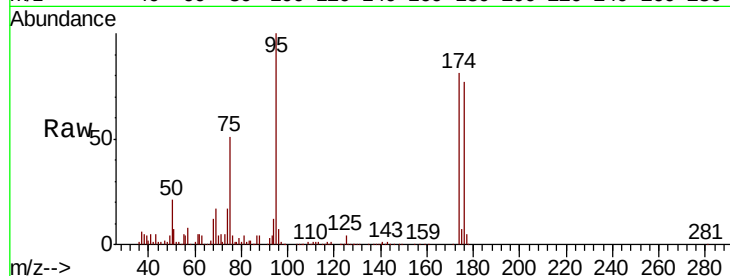
Tot Ion: 95 Resp: 309878

Ion Ratio Lower Upper

95 100

174 82.3 0.0 166.6

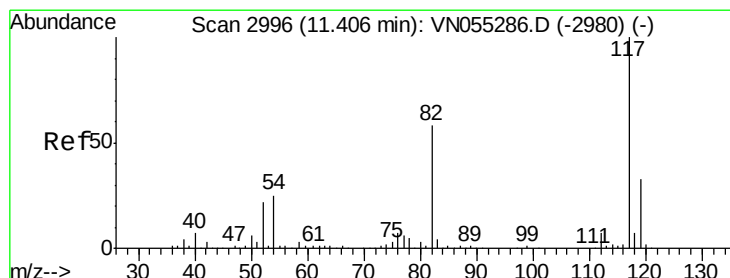
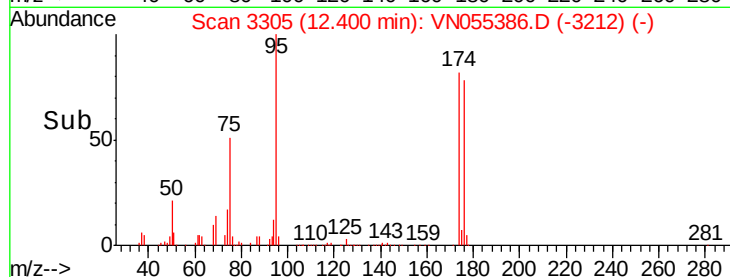
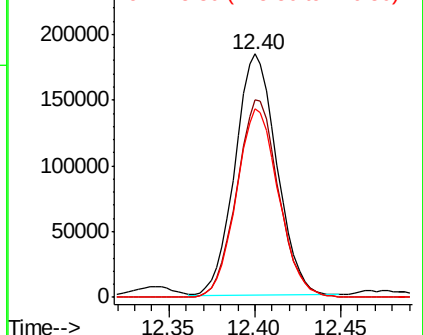
176 79.3 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055386.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055386.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055386.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

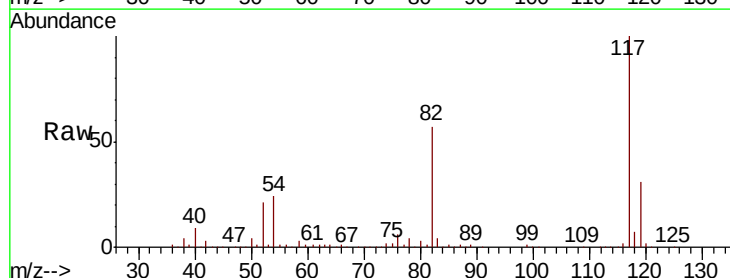
Tgt Ion: 117 Resp: 686314

Ion Ratio Lower Upper

117 100

82 57.0 46.2 69.4

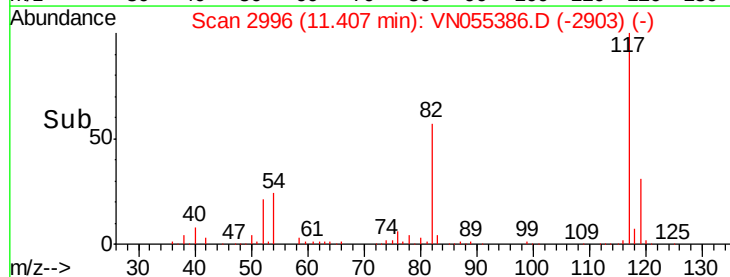
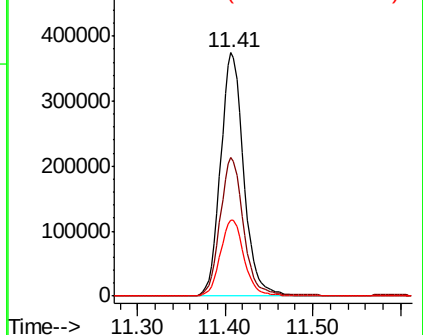
119 31.2 26.6 40.0

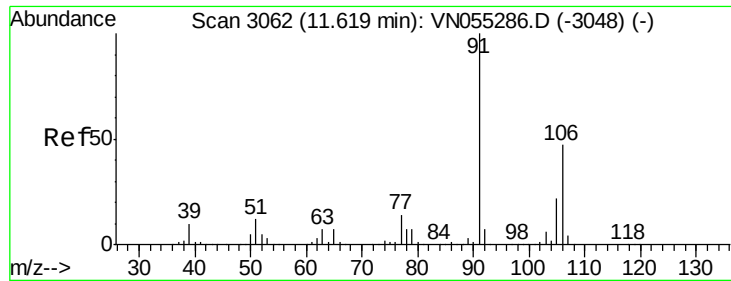


Abundance Ion 116.90 (116.60 to 117.60): VN055386.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055386.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055386.D (-2980) (-)

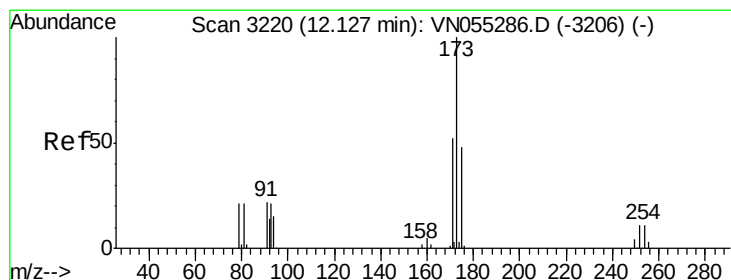
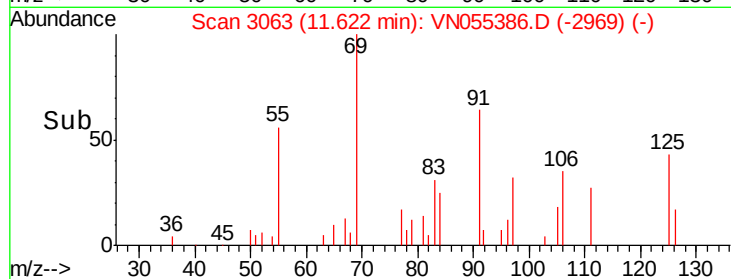
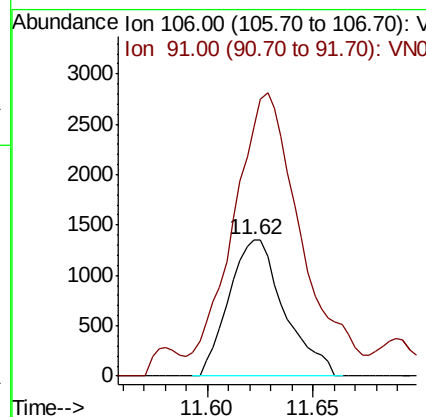
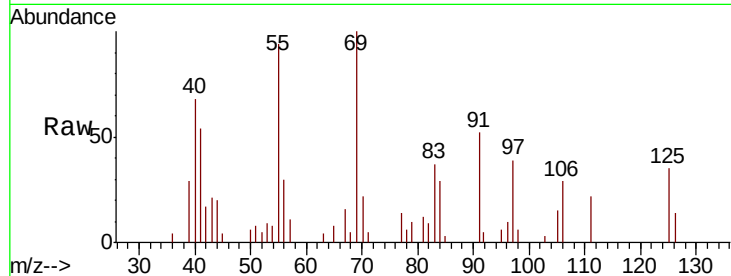




#68
m/p-Xvlenes
Concen: 0.287 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

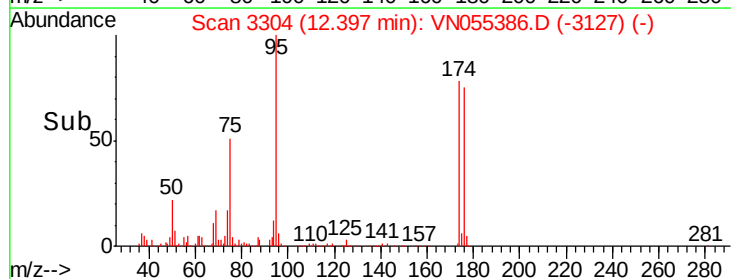
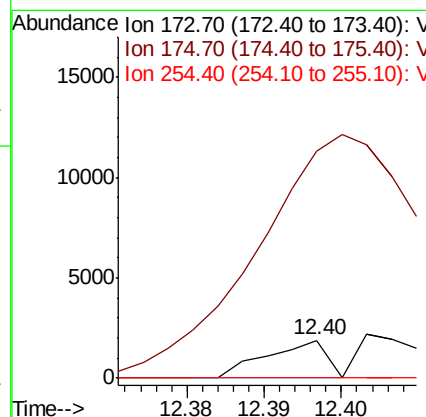
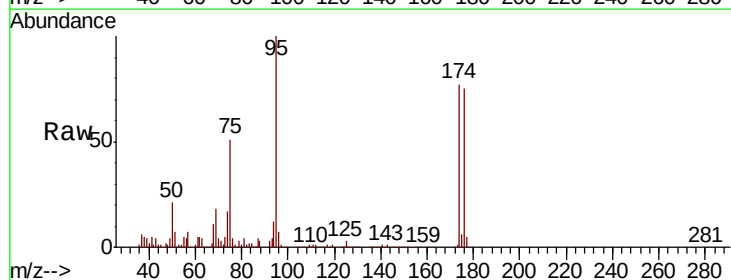
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)DL

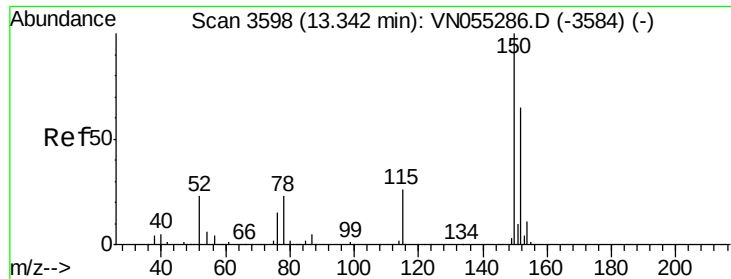
Tot Ion:106 Resp: 2479
Ion Ratio Lower Upper
106 100
91 234.2 169.5 254.3



#71
Bromoform
Concen: 0.350 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Tgt Ion:173 Resp: 1019
Ion Ratio Lower Upper
173 100
175 0.0 23.6 71.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)DL

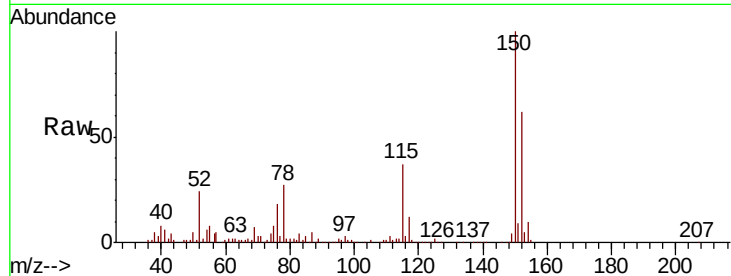
Tot Ion:152 Resp: 236341

Ion Ratio Lower Upper

152 100

115 60.8 29.0 87.0

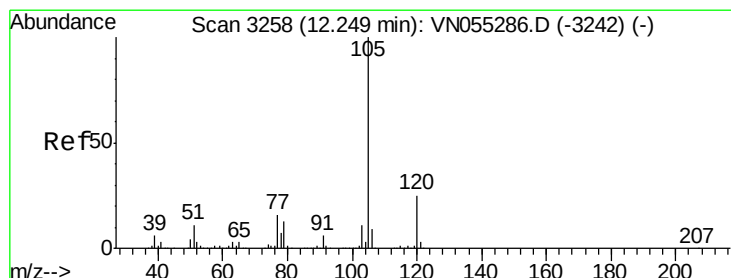
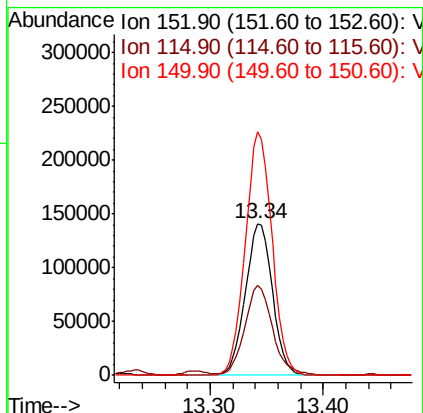
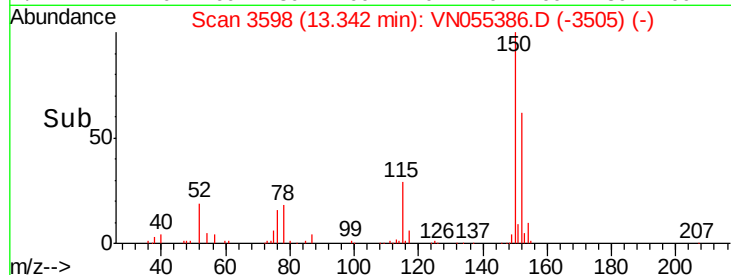
150 157.6 0.0 345.6



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: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055386.D

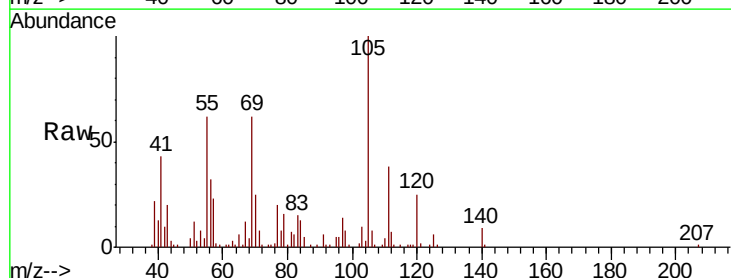
Acq: 3 May 2019 13:42

Tgt Ion:105 Resp: 48052

Ion Ratio Lower Upper

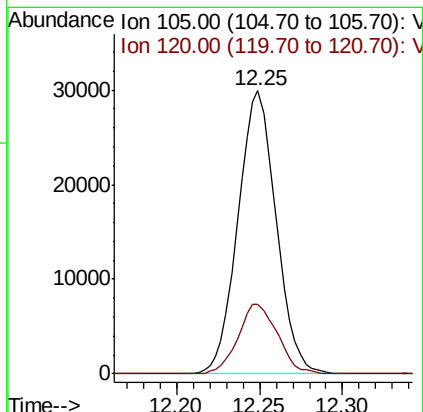
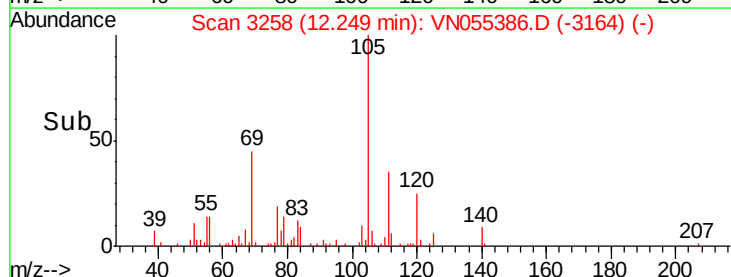
105 100

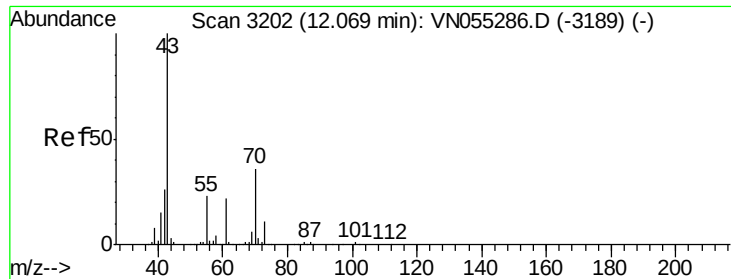
120 25.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 25.981 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)DL

Tot Ion: 43 Resp: 157587

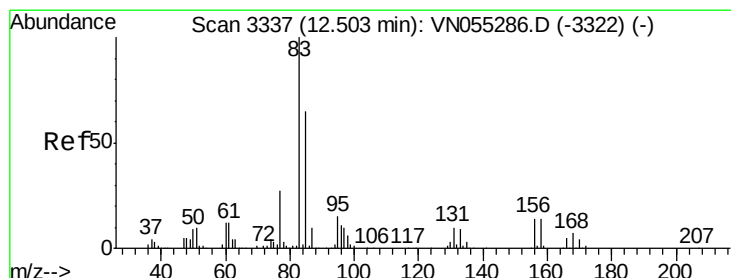
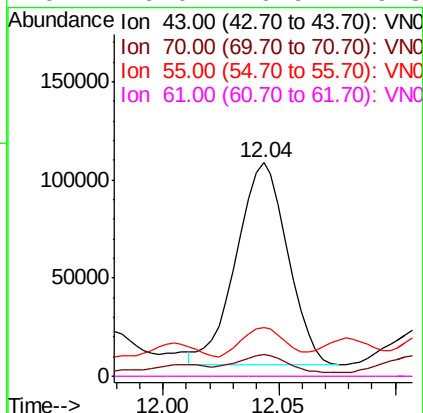
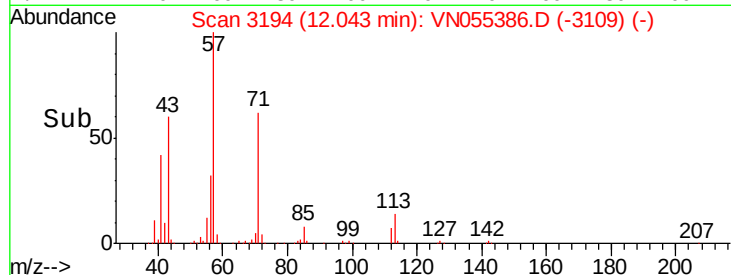
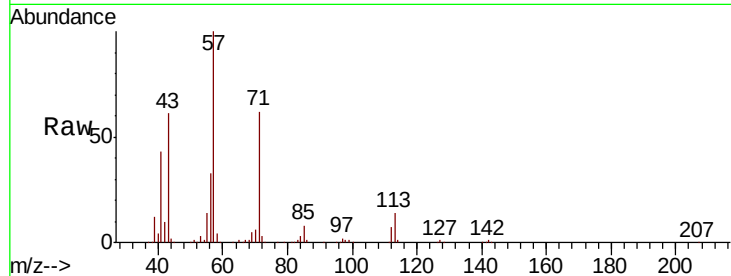
Ion Ratio Lower Upper

43 100

70 9.1 27.9 41.9#

55 19.7 18.2 27.2

61 0.0 16.9 25.3#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3329

Delta R.T. -0.02 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

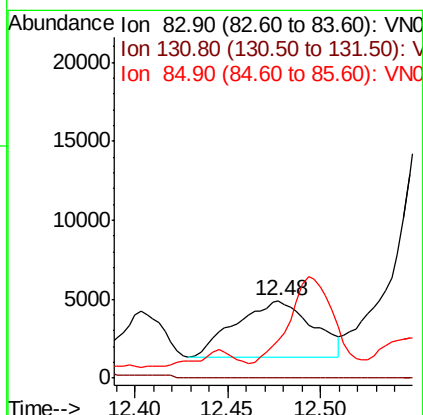
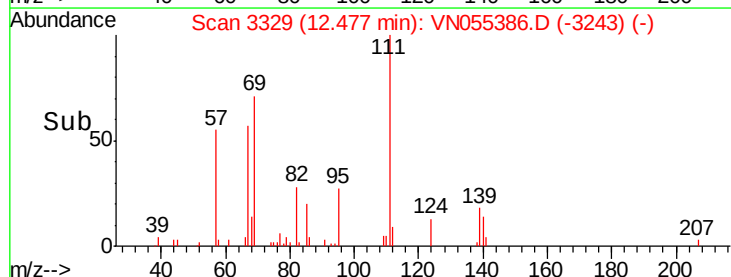
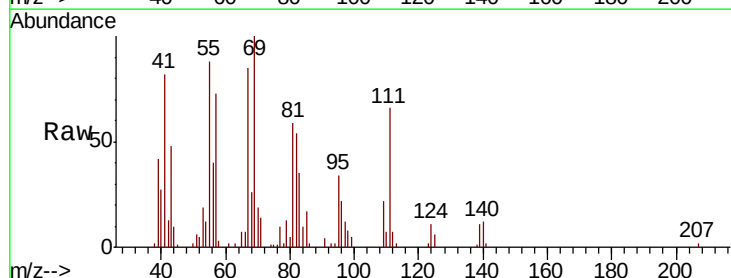
Tgt Ion: 83 Resp: 10266

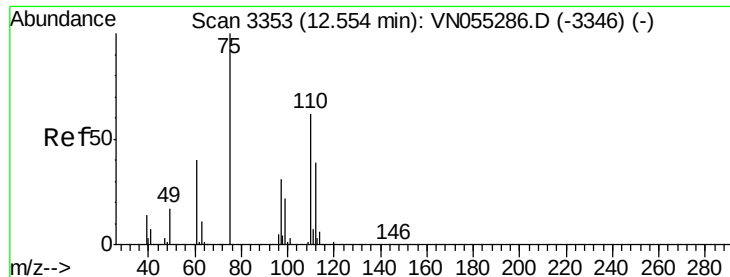
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 104.5 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 35.208 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

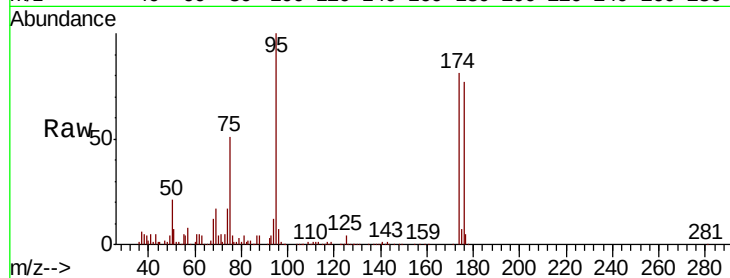
EP1-SB-E7(14-17)DL

Tot Ion: 75 Resp: 157942

Ion Ratio Lower Upper

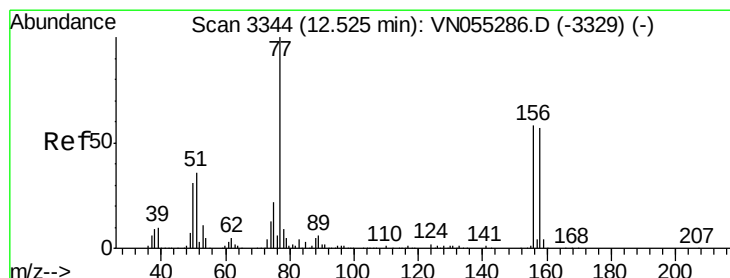
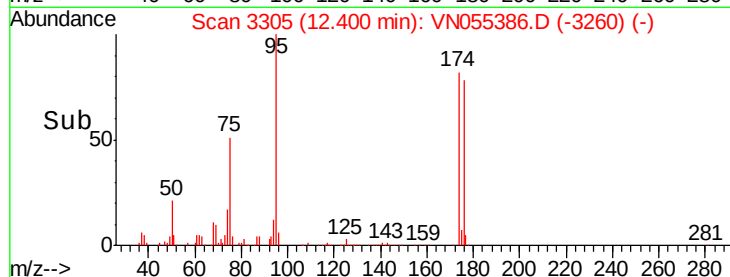
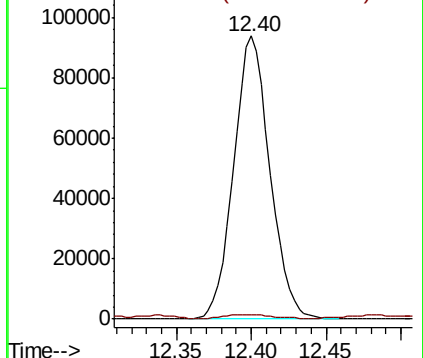
75 100

77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

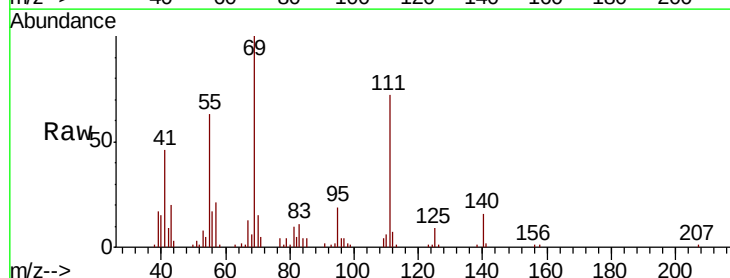
Tgt Ion: 156 Resp: 423

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

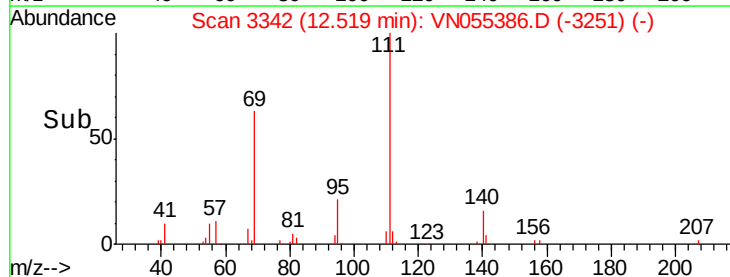
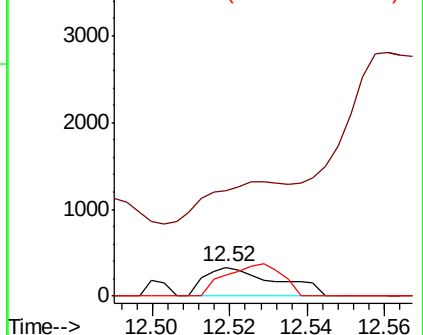
158 89.4 49.3 147.8

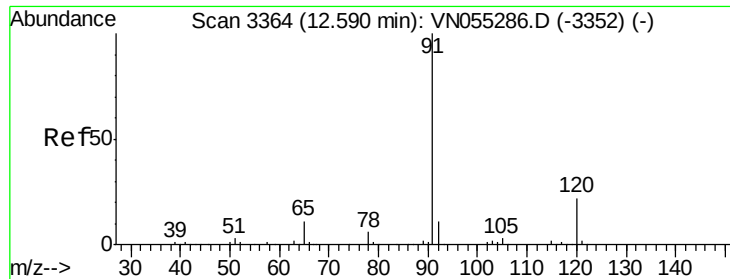


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 5.707 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

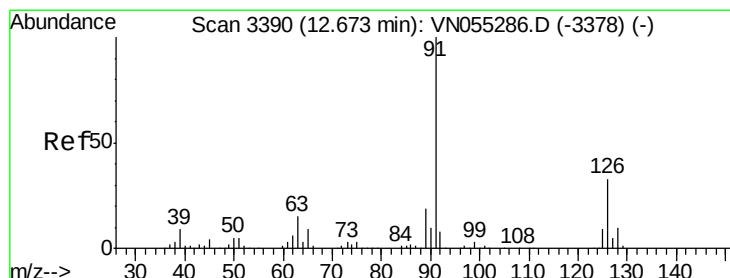
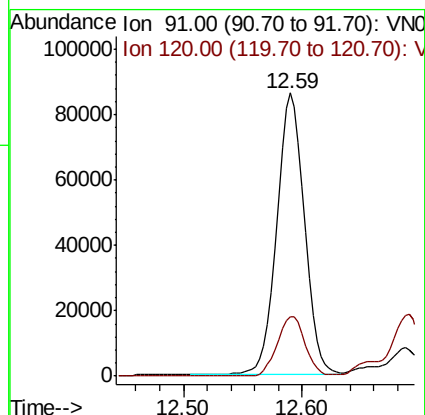
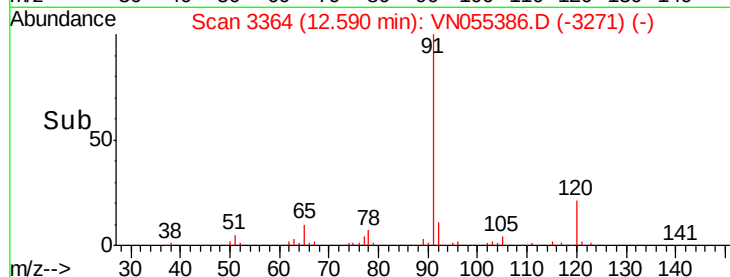
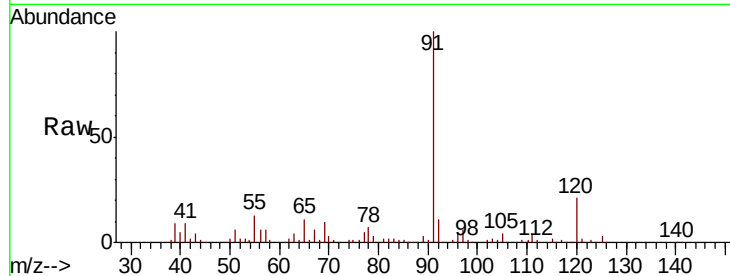
EP1-SB-E7(14-17)DL

Tot Ion: 91 Resp: 138558

Ion Ratio Lower Upper

91 100

120 21.4 11.0 33.0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN055386.D

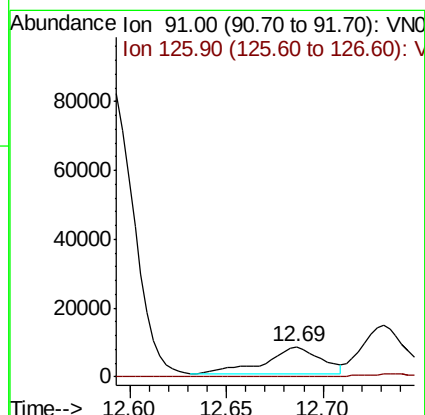
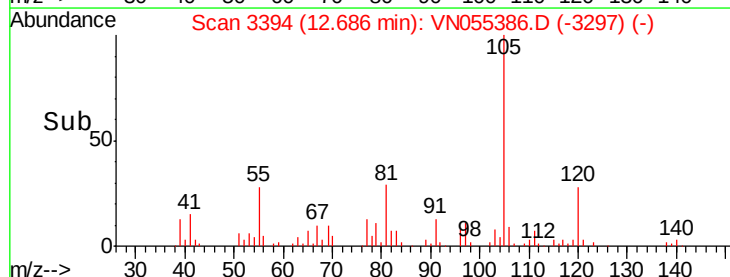
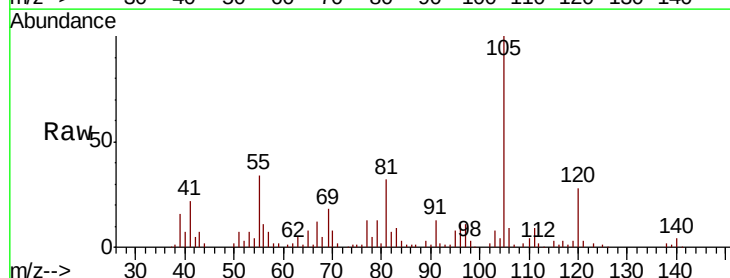
Acq: 3 May 2019 13:42

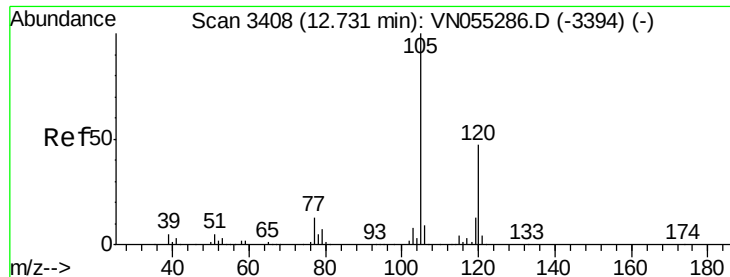
Tgt Ion: 91 Resp: 15645

Ion Ratio Lower Upper

91 100

126 3.4 16.6 49.7#





#80

1,3,5-Trimethylbenzene

Concen: 10.320 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

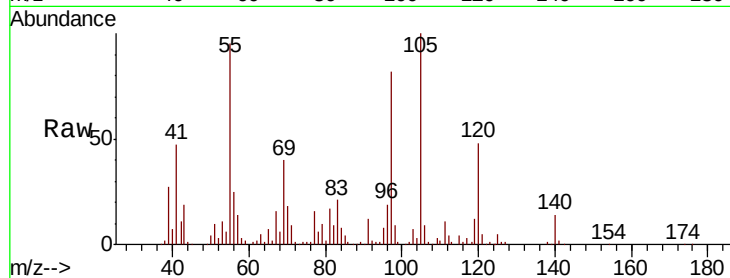
EP1-SB-E7(14-17)DL

Tot Ion:105 Resp: 191210

Ion Ratio Lower Upper

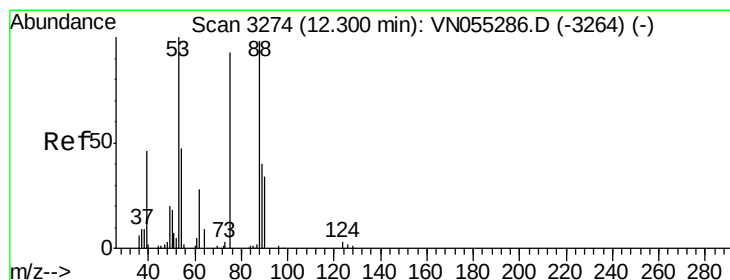
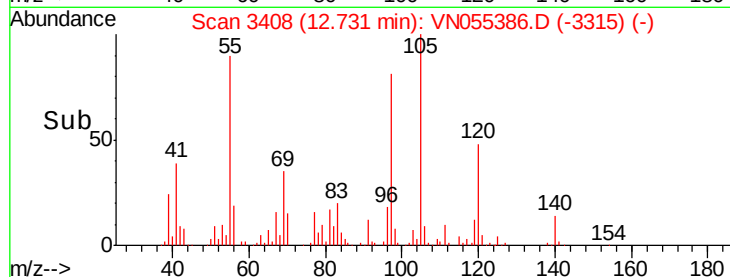
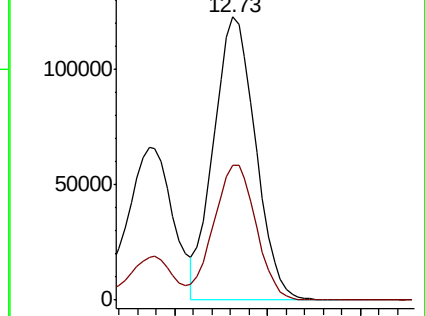
105 100

120 49.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 126.644 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

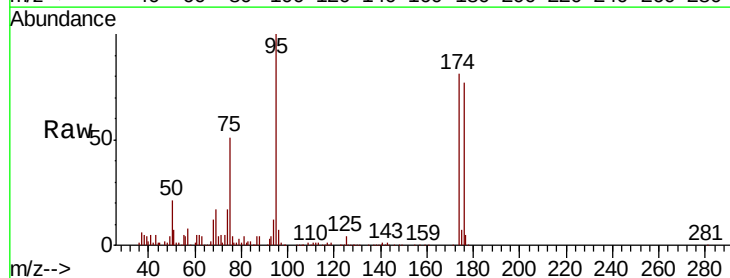
Tgt Ion: 75 Resp: 157942

Ion Ratio Lower Upper

75 100

53 1.3 86.3 129.5#

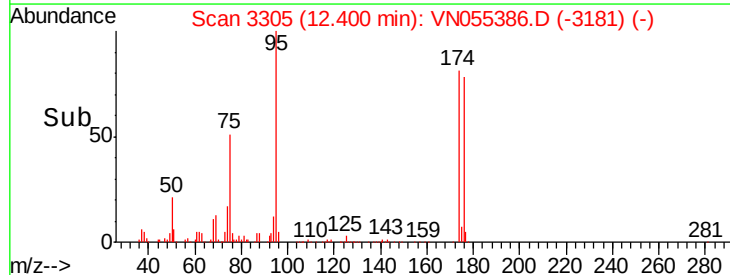
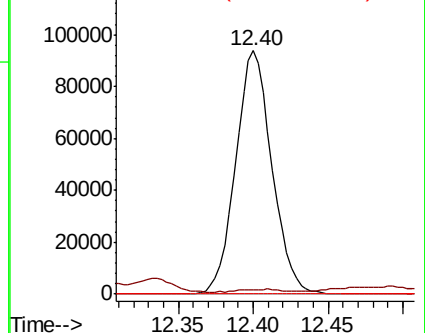
89 0.0 34.6 51.8#

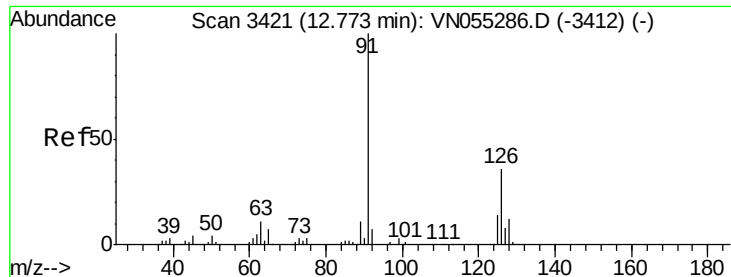


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 1.452 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

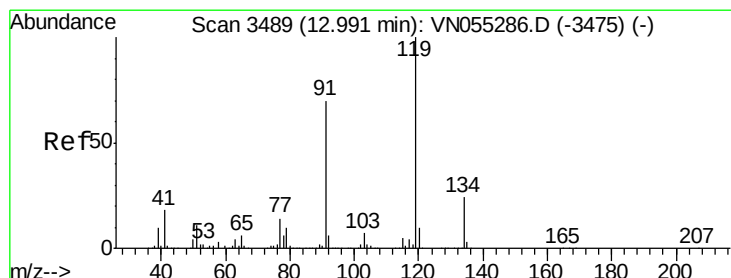
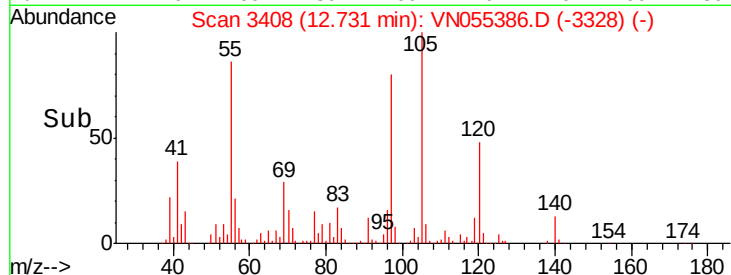
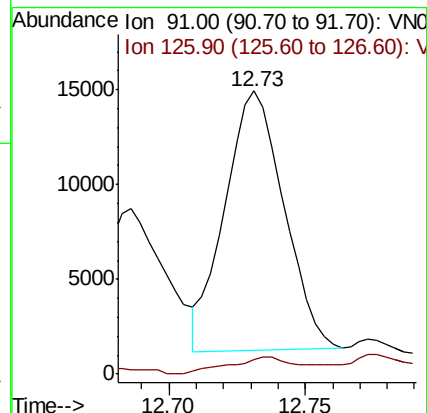
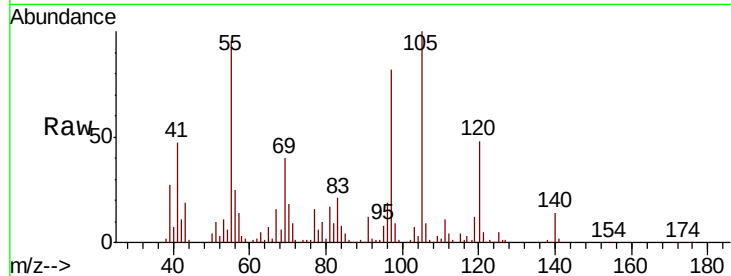
EP1-SB-E7(14-17)DL

Tot Ion: 91 Resp: 20497

Ion Ratio Lower Upper

91 100

126 7.2 16.6 49.7#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

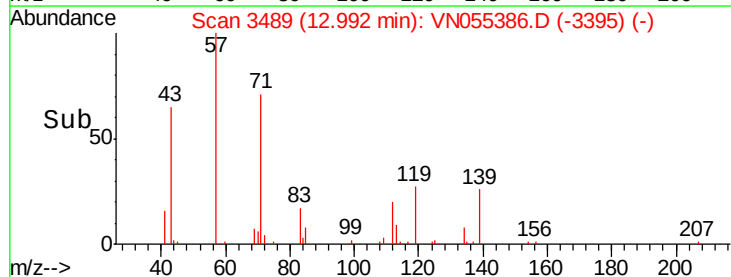
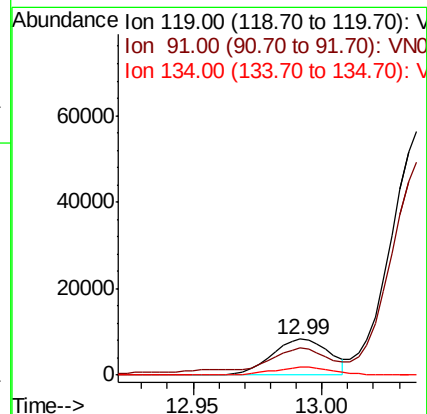
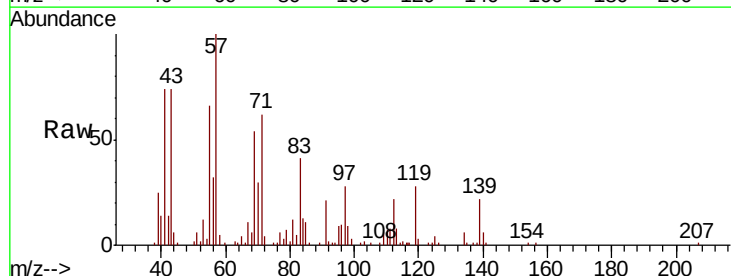
Tgt Ion: 119 Resp: 12956

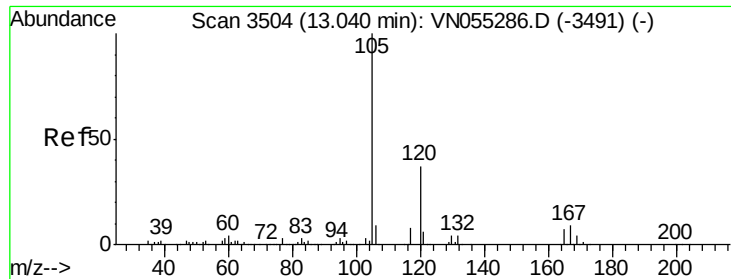
Ion Ratio Lower Upper

119 100

91 74.1 34.3 102.9

134 23.8 13.1 39.3

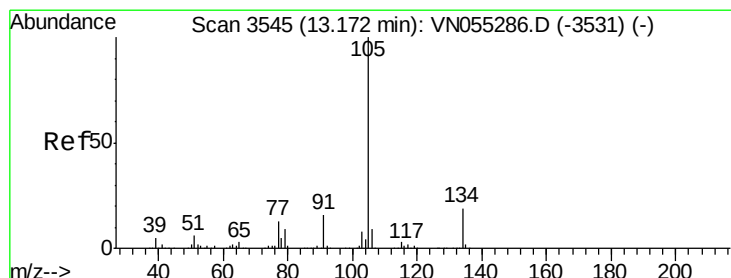
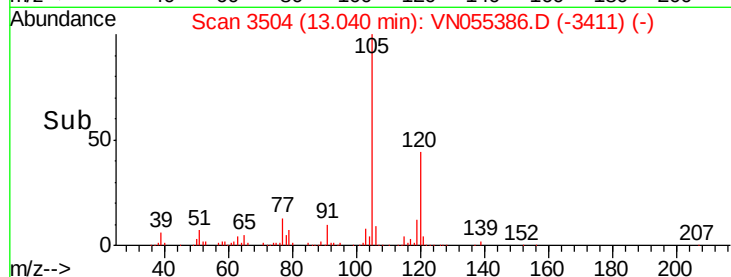
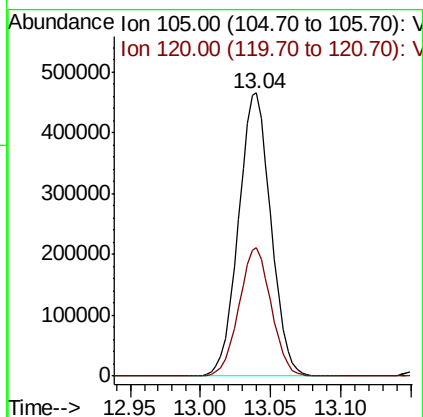
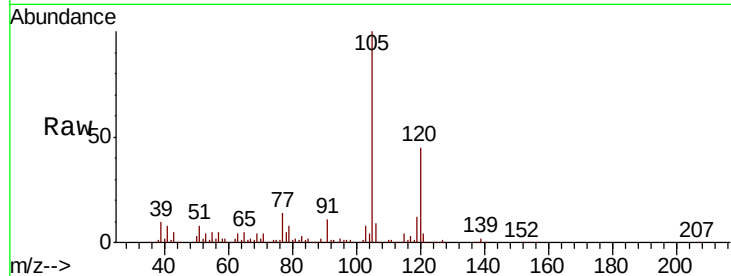




#84
 1,2,4-Trimethylbenzene
 Concen: 45.113 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

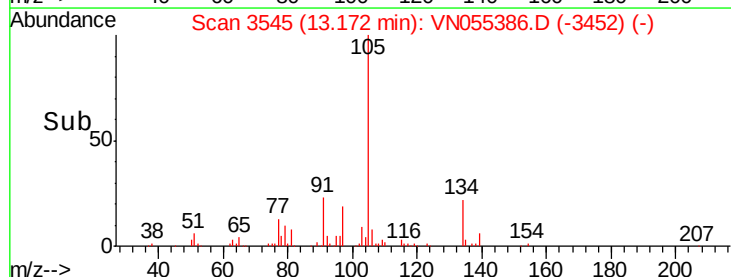
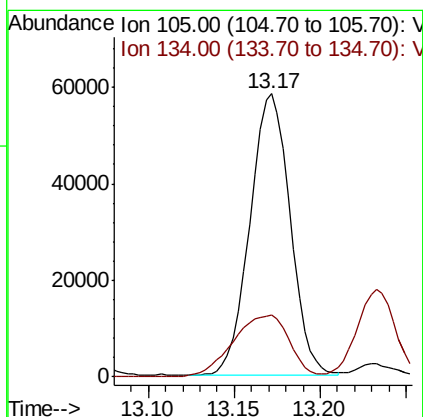
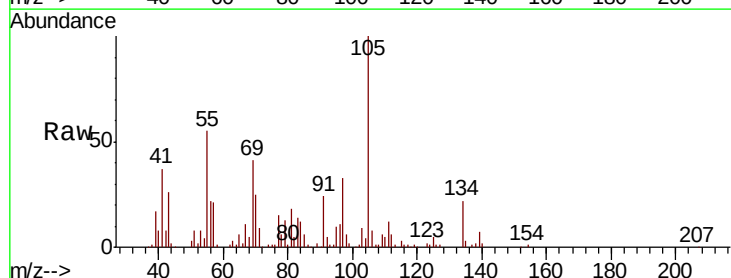
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)DL

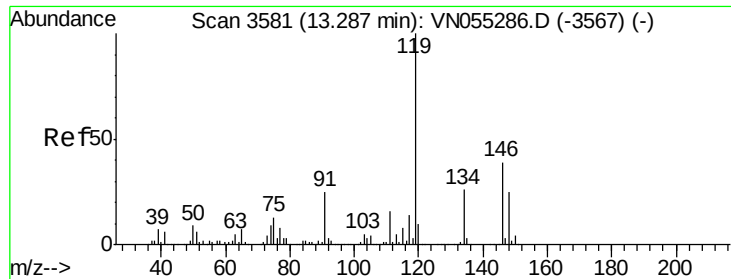
Tot Ion:105 Resp: 747552
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 4.707 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

Tgt Ion:105 Resp: 94793
 Ion Ratio Lower Upper
 105 100
 134 30.5 9.6 28.8#

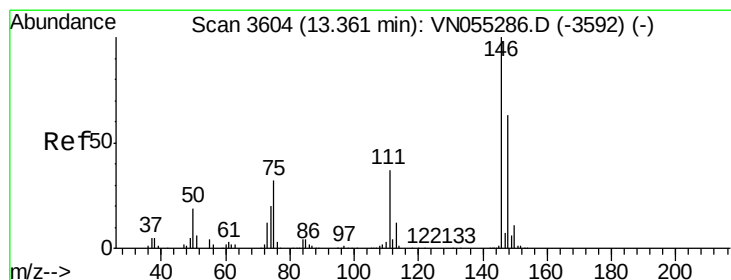
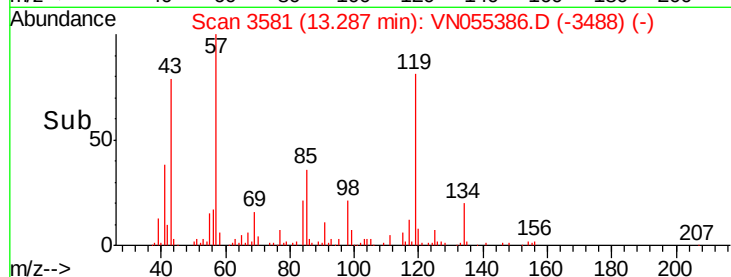
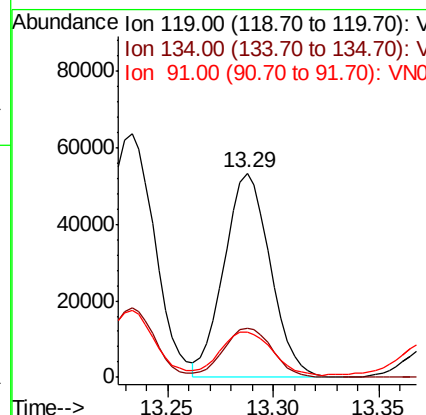
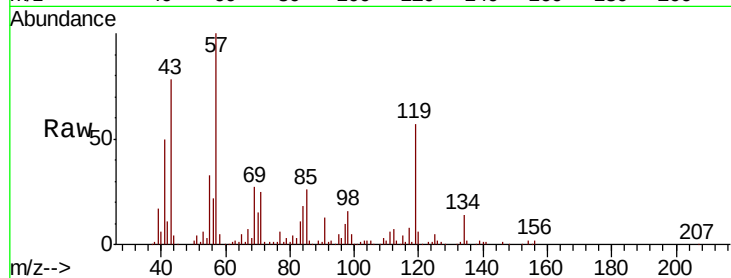




#86
 p-Isopropyltoluene
 Concen: 4.895 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

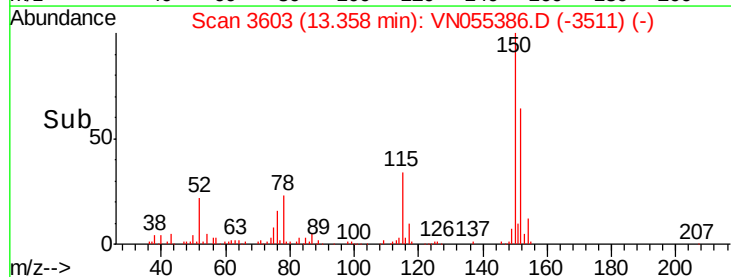
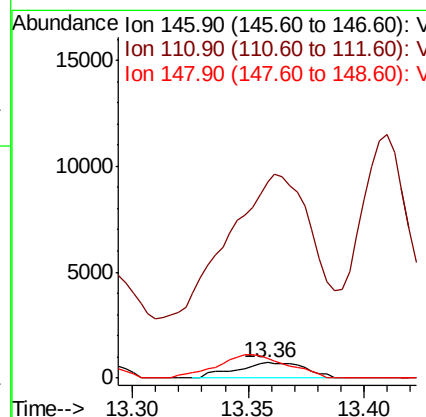
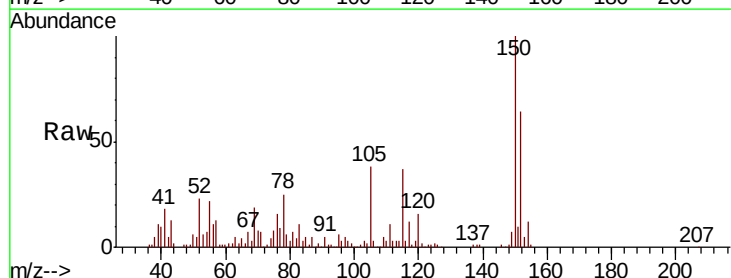
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)DL

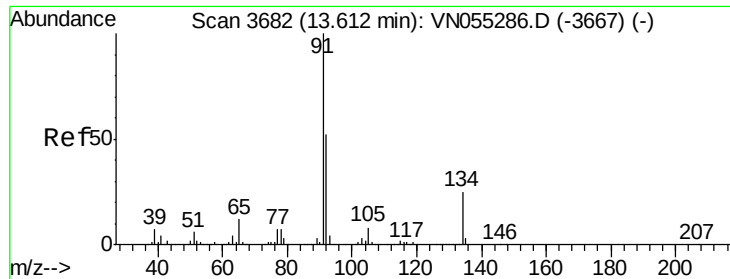
Tot Ion:119 Resp: 81025
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 23.5 12.2 36.6



#88
 1,4-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

Tgt Ion:146 Resp: 1516
 Ion Ratio Lower Upper
 146 100
 111 1078.8 19.5 58.5#
 148 153.9 32.5 97.4#

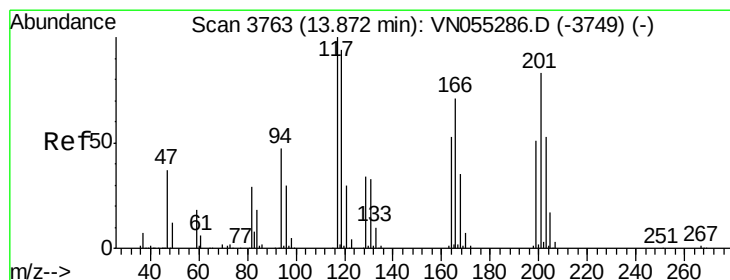
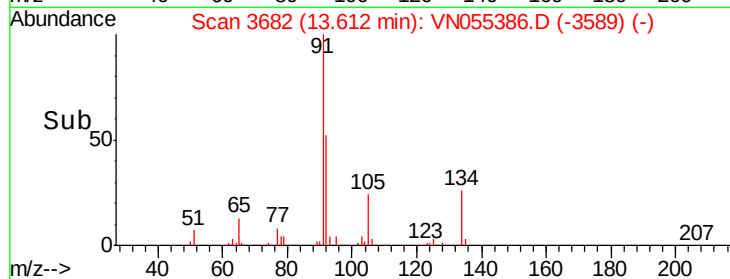
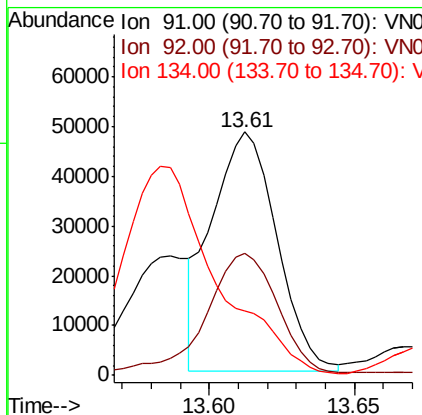
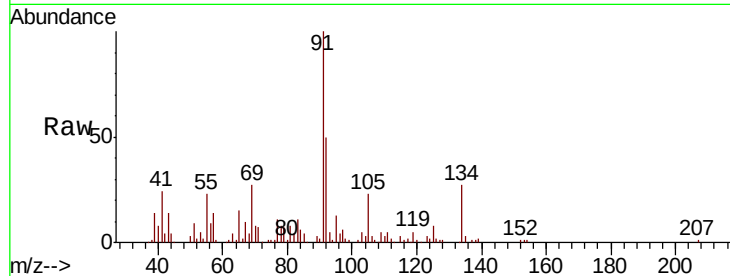




#89
n-Butylbenzene
Concen: 6.365 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

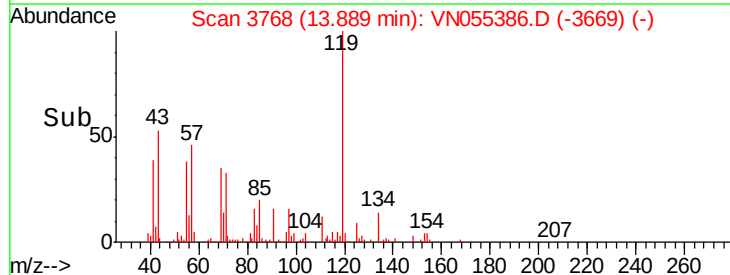
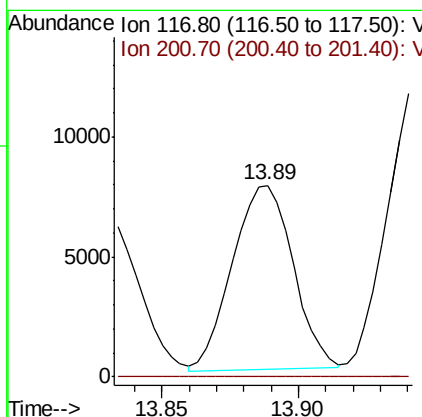
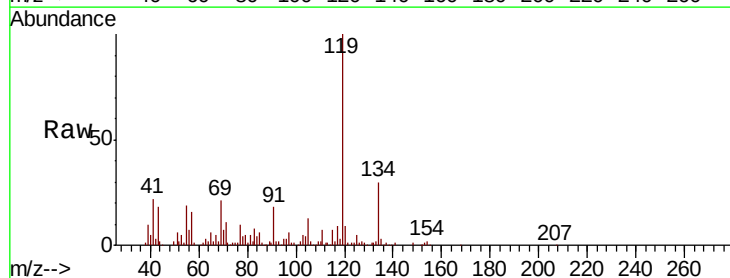
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)DL

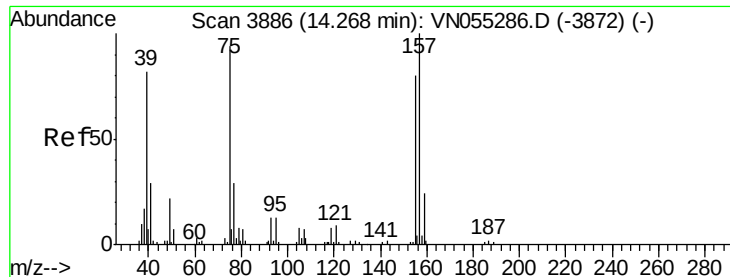
Tot Ion: 91 Resp: 74863
Ion Ratio Lower Upper
91 100
92 54.9 26.1 78.3
134 0.0 12.4 37.4#



#90
Hexachloroethane
Concen: 3.041 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055386.D
Acq: 3 May 2019 13:42

Tgt Ion: 117 Resp: 11847
Ion Ratio Lower Upper
117 100
201 0.0 41.9 125.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.427 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)DL

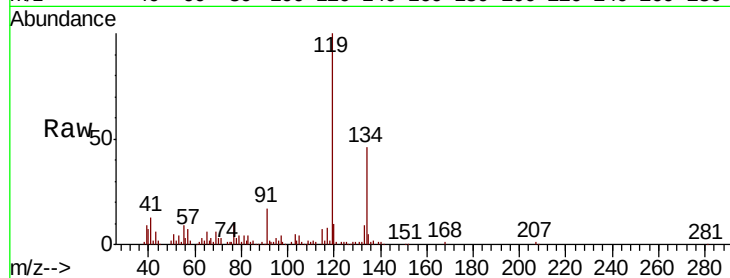
Tot Ion: 75 Resp: 887

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 54.0 162.2#



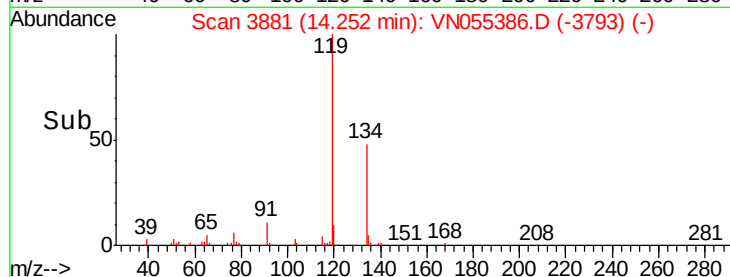
Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN055286.D (-3872) (-)

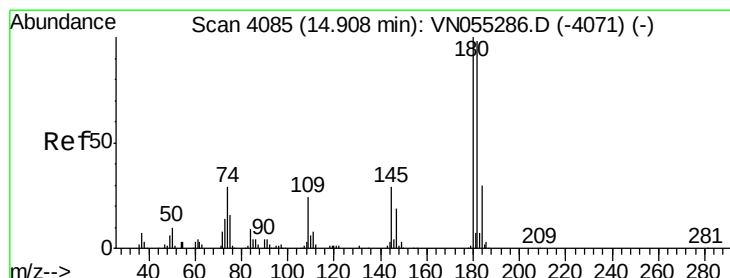
Ion 156.80 (156.50 to 157.50): VN055286.D (-3872) (-)

14.25

14.22 14.24 14.26 14.28



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.882 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

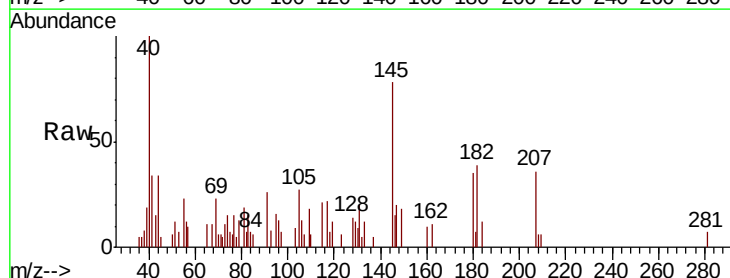
Tgt Ion:180 Resp: 1890

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.9

145 234.3 14.2 42.6#



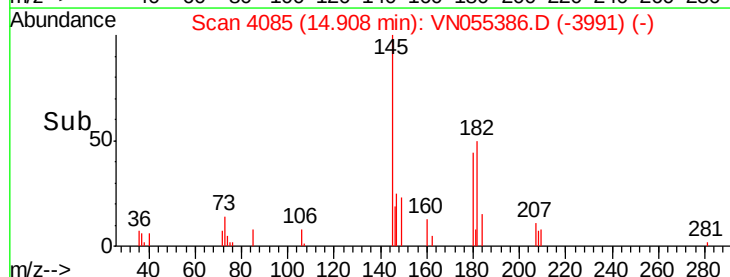
Abundance Ion 179.80 (179.50 to 180.50): VN055286.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN055286.D (-4071) (-)

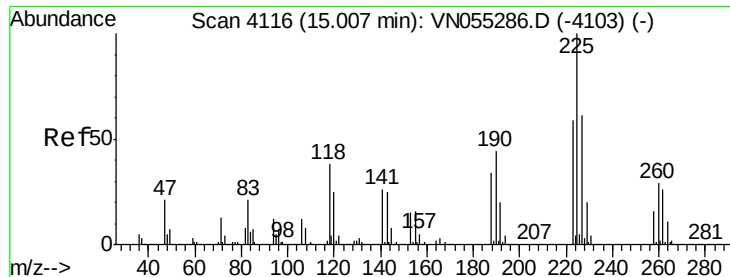
Ion 144.80 (144.50 to 145.50): VN055286.D (-4071) (-)

14.91

14.90 14.92 14.94 14.96



Time-->



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)DL

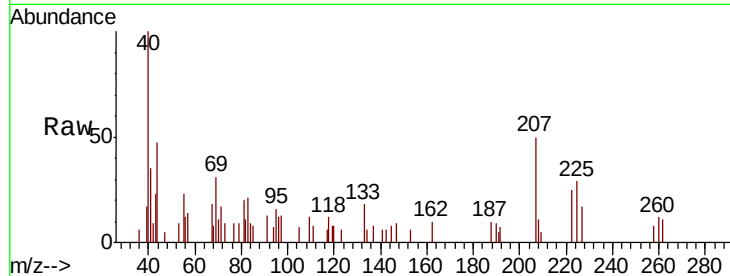
Tot Ion:225 Resp: 1360

Ion Ratio Lower Upper

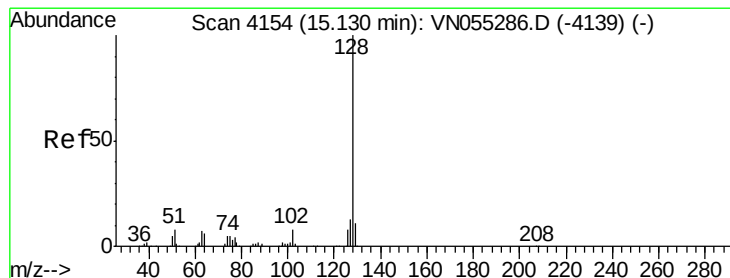
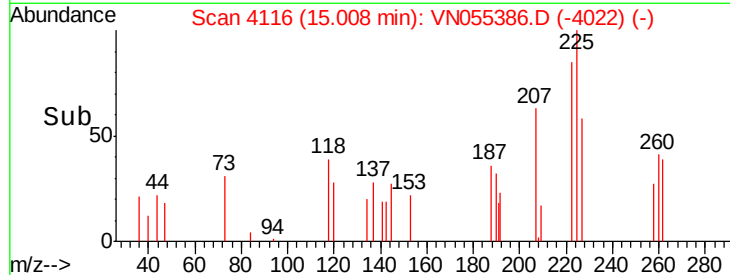
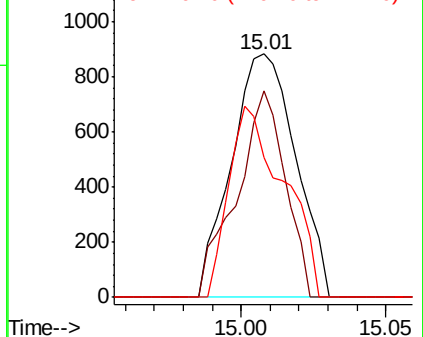
225 100

223 64.3 30.3 90.8

227 67.2 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: 4.643 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055386.D

Acq: 3 May 2019 13:42

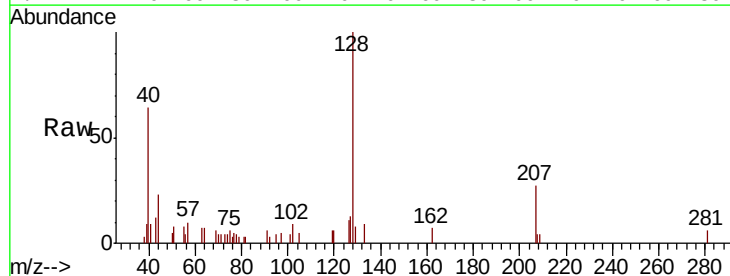
Tgt Ion:128 Resp: 9253

Ion Ratio Lower Upper

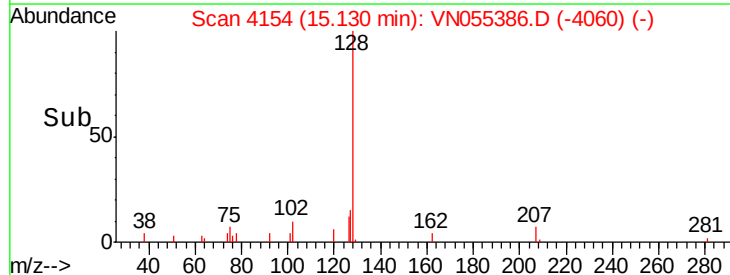
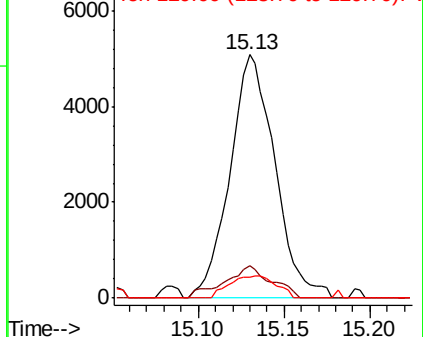
128 100

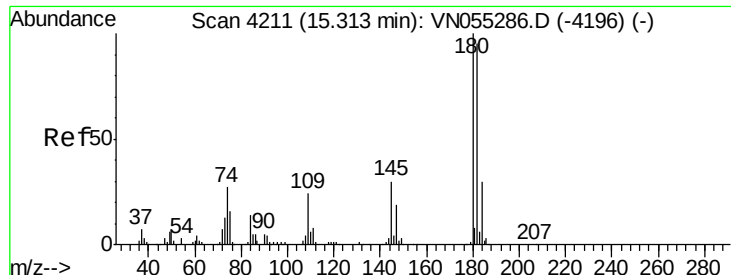
127 13.7 10.7 16.1

129 9.5 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: 3.327 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055386.D
 Acq: 3 May 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.3	144.9
145	94.9	15.2	45.6#

