

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055388.D
 Acq On : 3 May 2019 14:32
 Operator : JC/SP
 Sample : K2658-12DL 100X
 Misc : 6.07µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(17-20)DL

Quant Time: May 03 23:21:21 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	448492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	781948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	700879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	256606	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	309151	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	7.59	113	243047	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
50) Toluene-d8	10.09	98	953366	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	328537	56.72	ug/l	0.00
Spiked Amount			Recovery	=	113.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	1080	0.591	ug/l #	84
18) Methyl Acetate	4.35	43	3262	Below Cal	#	61
29) Tetrahydrofuran	7.23	42	325	0.217	ug/l #	40
31) Cyclohexane	7.67	56	10104	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	33784	4.511	ug/l #	51
38) Carbon Tetrachloride	7.67	117	41744	5.778	ug/l #	16
39) Methylcyclohexane	9.08	83	6162	0.774	ug/l	89
41) Methacrylonitrile	7.23	41	31	0.750	ug/l #	1
43) Isopropyl Acetate	8.28	43	15434	1.673	ug/l #	56
51) 4-Methyl-2-Pentanone	10.09	43	5913	1.138	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	2511	0.534	ug/l #	19
56) Ethyl methacrylate	10.44	69	2540	0.439	ug/l #	1
59) 2-Hexanone	10.72	43	17494	5.383	ug/l #	29
67) Ethyl Benzene	11.51	91	43583	1.761	ug/l	97
68) m/p-Xylenes	11.62	106	91654	10.377	ug/l	95
69) o-Xylene	11.95	106	3995	0.456	ug/l	35
73) Isopropylbenzene	12.25	105	81956	0.909	ug/l	98
74) N-amyl acetate	12.04	43	173777	26.388	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	11092	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	165366	33.858	ug/l #	100
77) Bromobenzene	12.52	156	62	Below Cal	#	1
78) n-propylbenzene	12.59	91	225038	8.537	ug/l	99
79) 2-Chlorotoluene	12.65	91	66300	2.223	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	541758	26.930	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	165366	122.125	ug/l #	9
82) 4-Chlorotoluene	12.73	91	58764	3.834	ug/l #	49
83) tert-Butylbenzene	12.99	119	14474	Below Cal		97
84) 1,2,4-Trimethylbenzene	13.04	105	1286748	71.519	ug/l	100
85) sec-Butylbenzene	13.17	105	132180	6.045	ug/l #	66
86) p-Isopropyltoluene	13.29	119	138226	7.691	ug/l	99
89) n-Butylbenzene	13.61	91	73837	5.782	ug/l #	78
90) Hexachloroethane	13.89	117	13680	3.337	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.29	75	421	0.624	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	184	3.362	ug/l #	1

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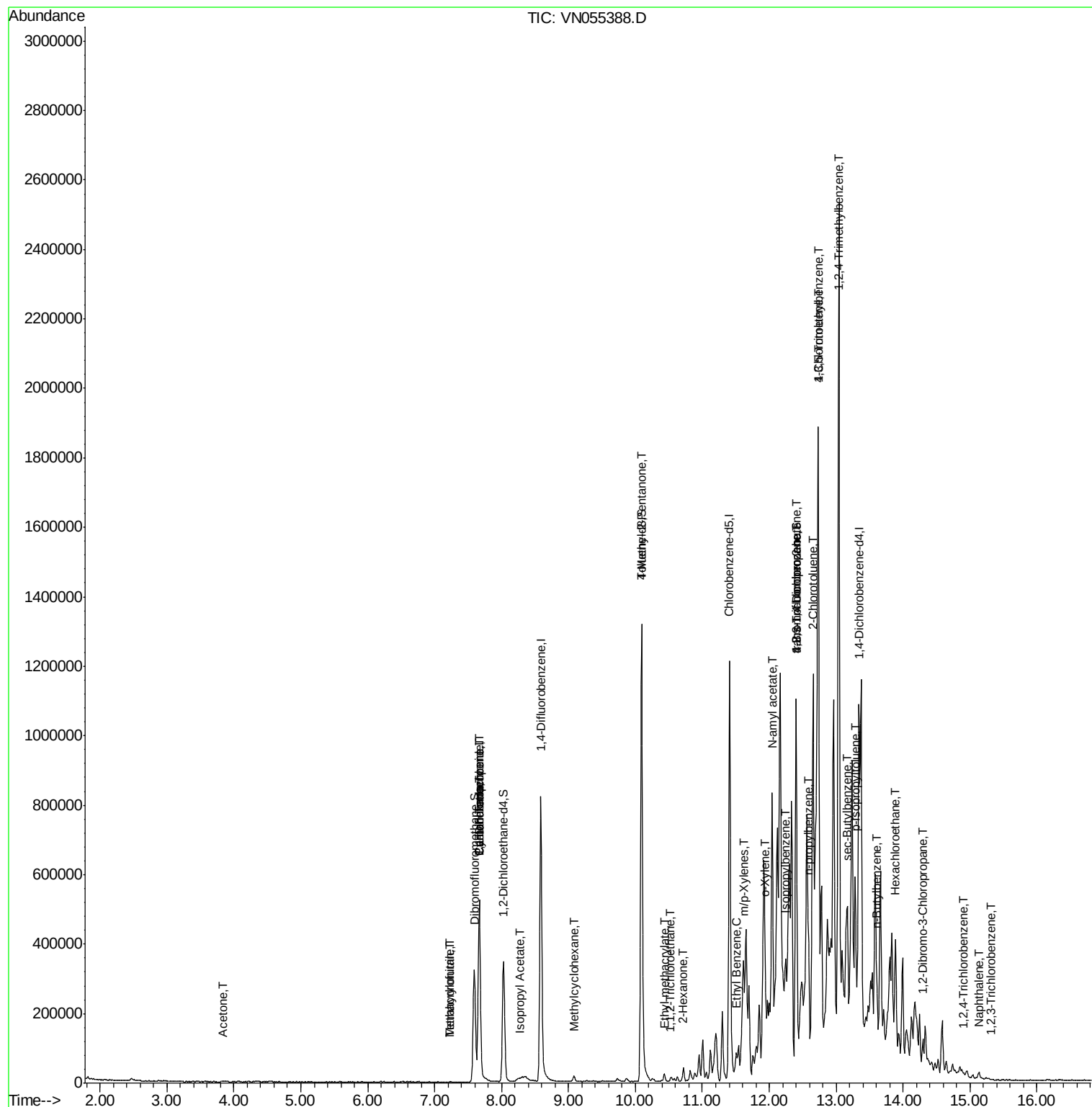
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.00	225	68	Below Cal #	20
95) Naphthalene	15.13	128	16986	5.551 ug/l #	96
96) 1,2,3-Trichlorobenzene	15.32	180	349	2.713 ug/l #	1

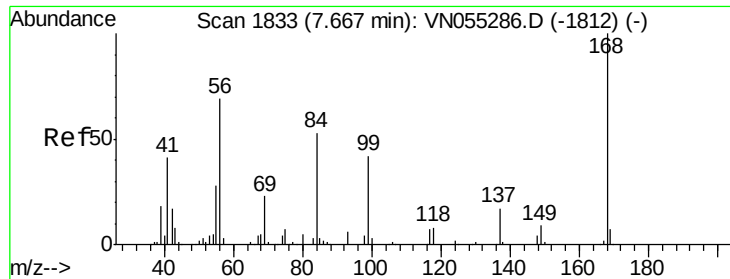
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

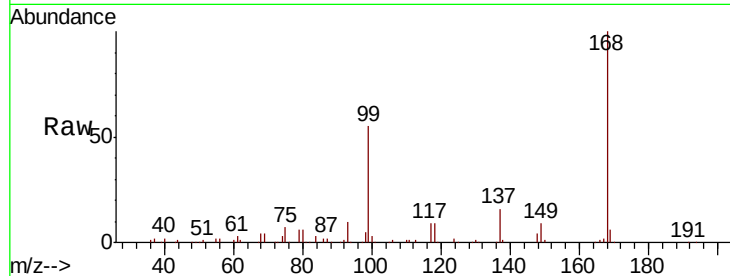
EP1-SB-E2-3(17-20)DL

Tot Ion:168 Resp: 448492

Ion Ratio Lower Upper

168 100

99 55.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055388.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055388.D (-1740) (-)

7.67

200000

150000

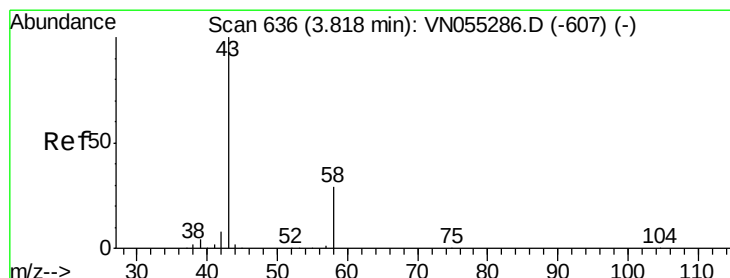
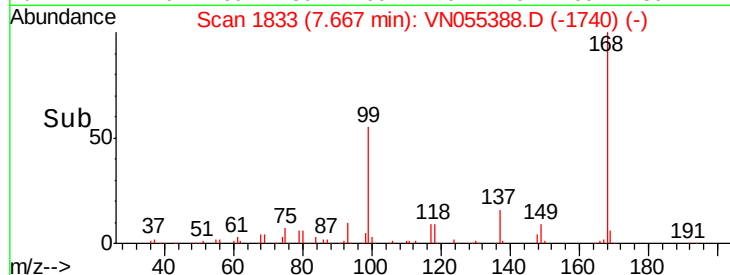
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 0.591 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055388.D

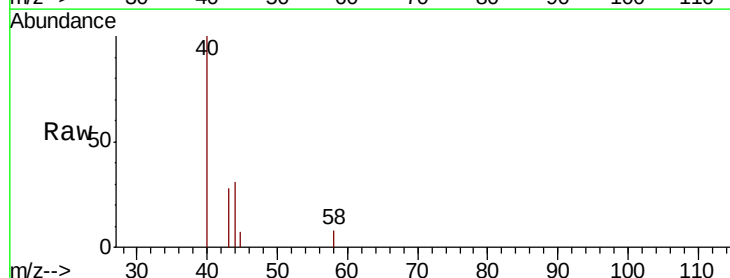
Acq: 3 May 2019 14:32

Tgt Ion: 43 Resp: 1080

Ion Ratio Lower Upper

43 100

58 38.2 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055388.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055388.D (-543) (-)

3.83

1000

800

600

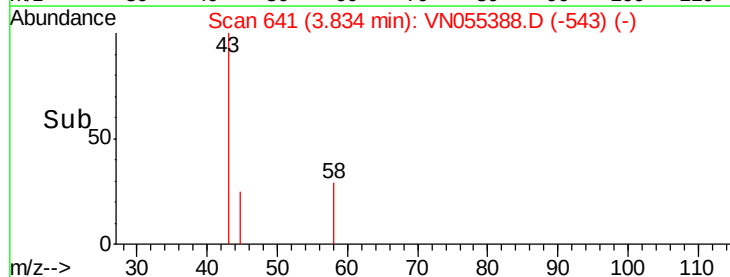
400

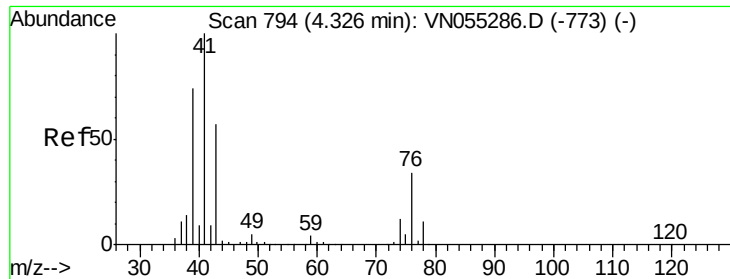
200

0

3.78 3.80 3.82 3.84 3.86

Time-->

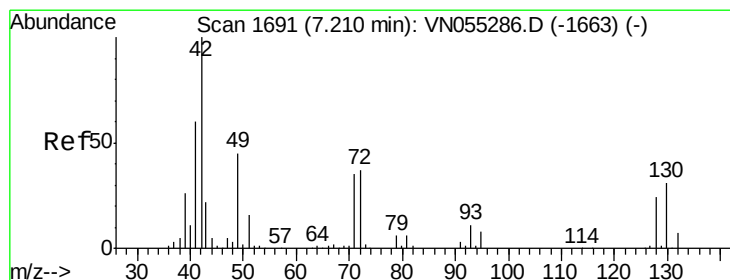
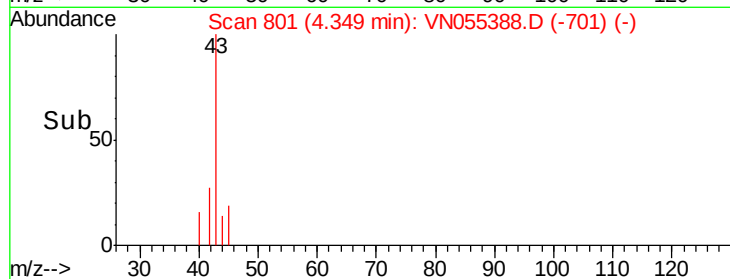
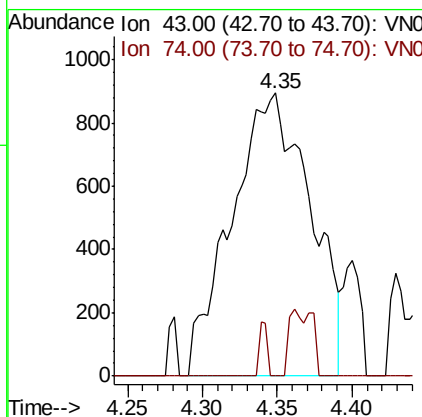
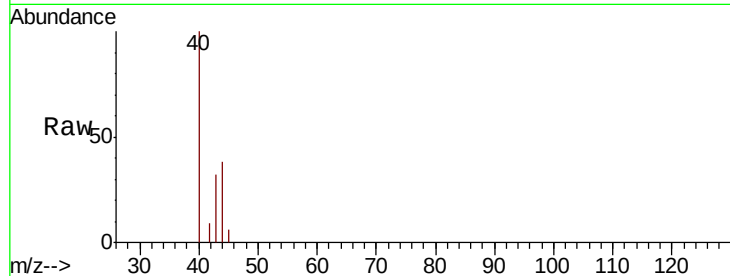




#18
Methvl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 801
Delta R.T. 0.02 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

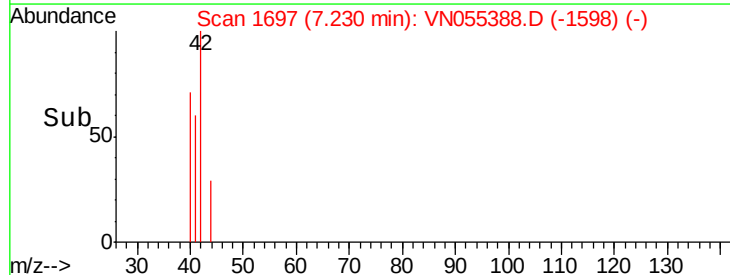
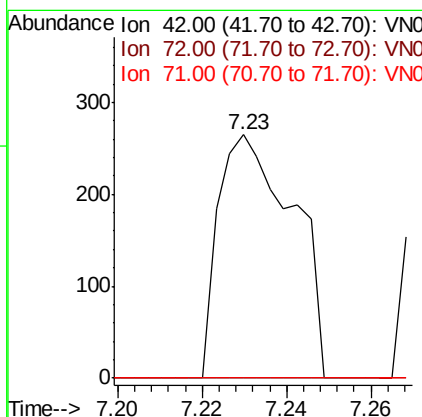
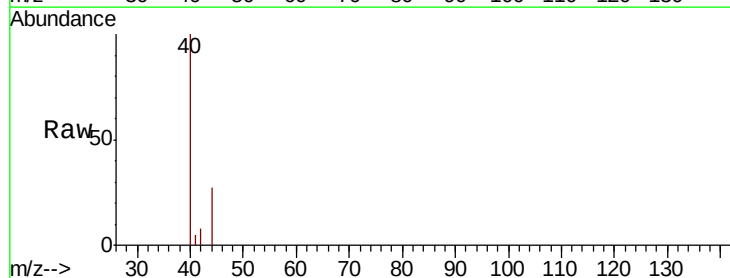
Instrument :
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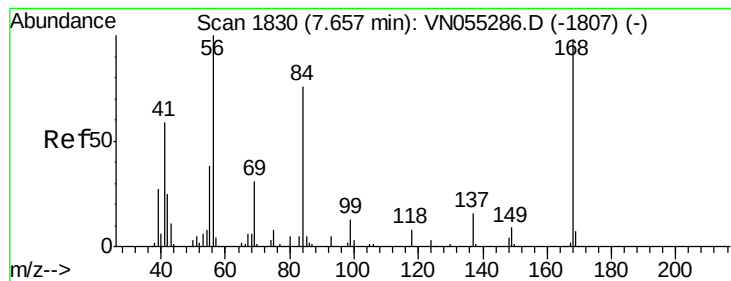
Tot Ion: 43 Resp: 3262
Ion Ratio Lower Upper
43 100
74 2.0 15.8 23.8#



#29
Tetrahydrofuran
Concen: 0.217 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Tgt Ion: 42 Resp: 325
Ion Ratio Lower Upper
42 100
72 0.0 29.0 43.6#
71 0.0 27.1 40.7#





#31

Cyclohexane

Concen: 1.095 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

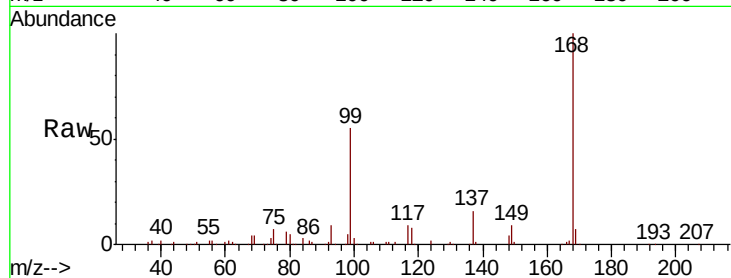
Tot Ion: 56 Resp: 10104

Ion Ratio Lower Upper

56 100

69 165.3 25.2 37.8#

84 133.3 61.1 91.7#

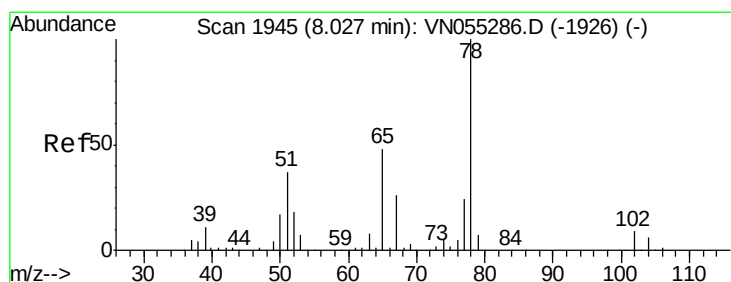
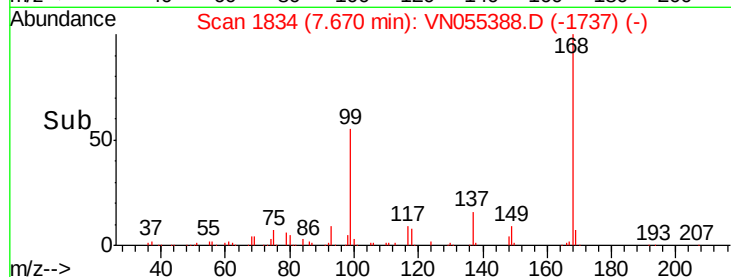
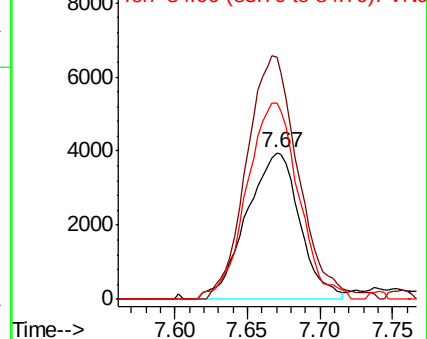


Abundance

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: 52.691 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055388.D

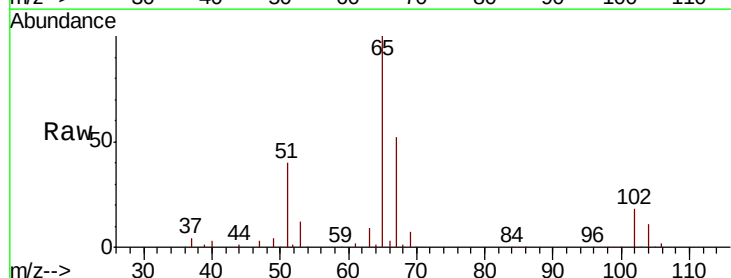
Acq: 3 May 2019 14:32

Tgt Ion: 65 Resp: 309151

Ion Ratio Lower Upper

65 100

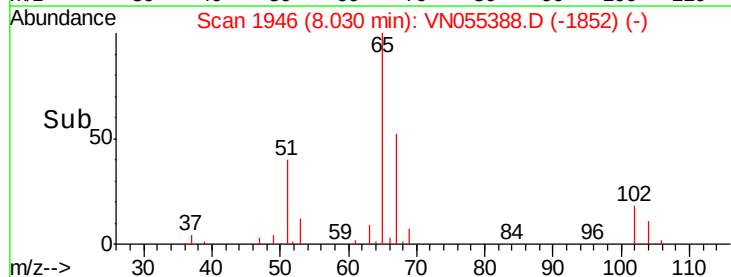
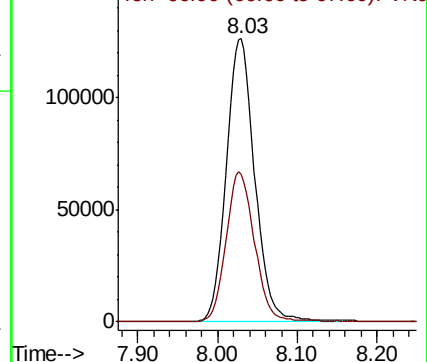
67 52.4 0.0 106.8

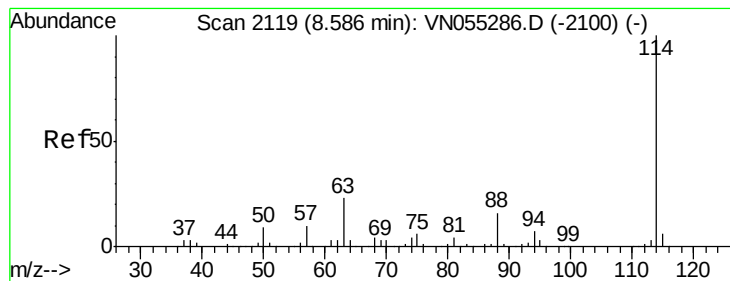


Abundance

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: VN055388.D

Acq: 3 May 2019 14:32

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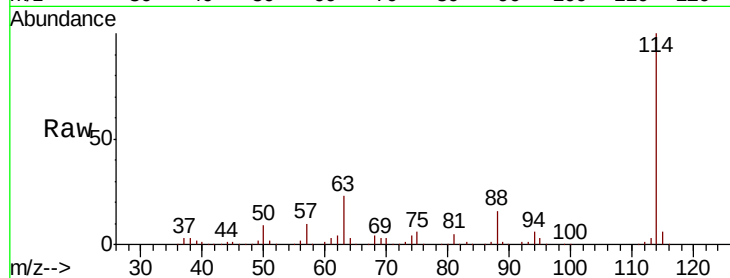
Tot Ion:114 Resp: 781948

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

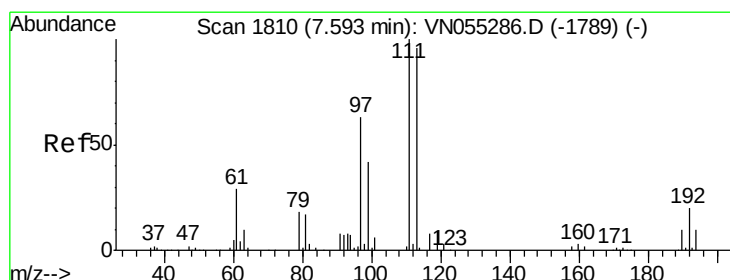
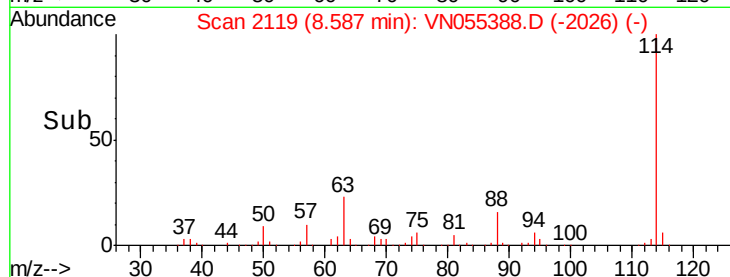
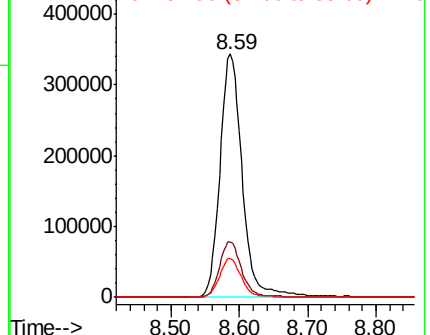
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.355 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

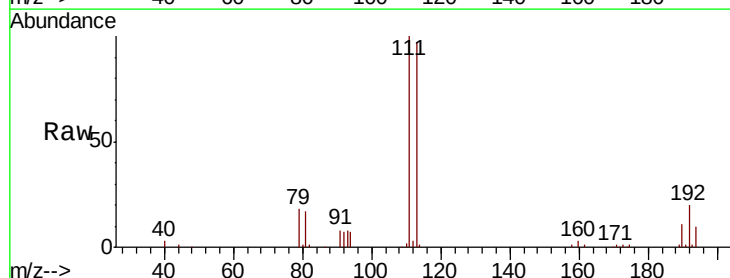
Tgt Ion:113 Resp: 243047

Ion Ratio Lower Upper

113 100

111 105.4 82.3 123.5

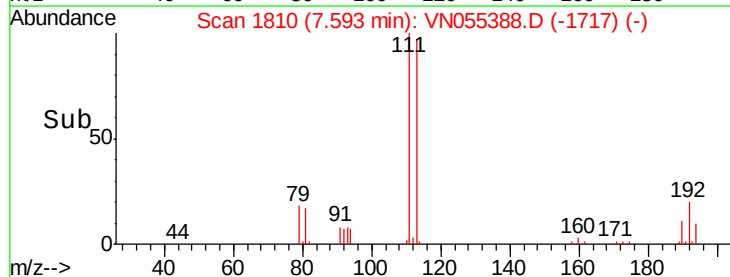
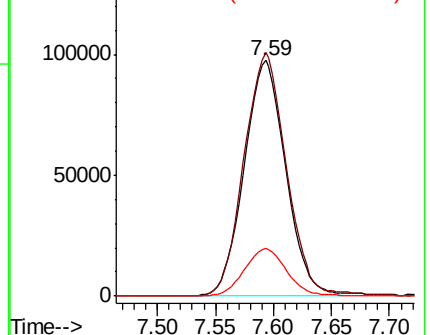
192 20.5 17.0 25.6

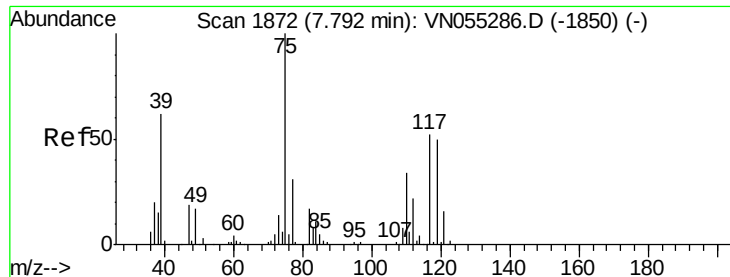


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

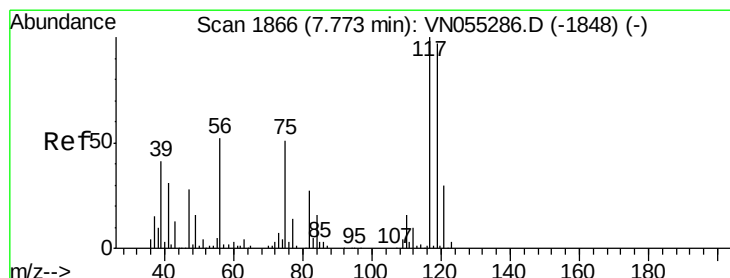
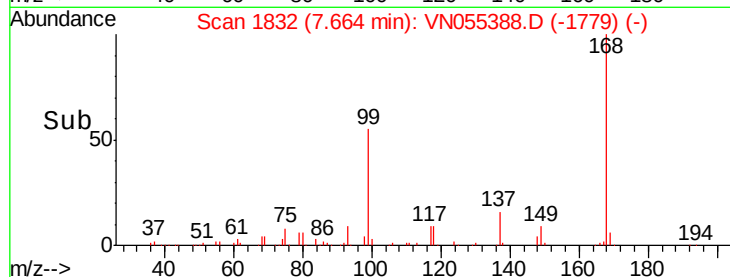
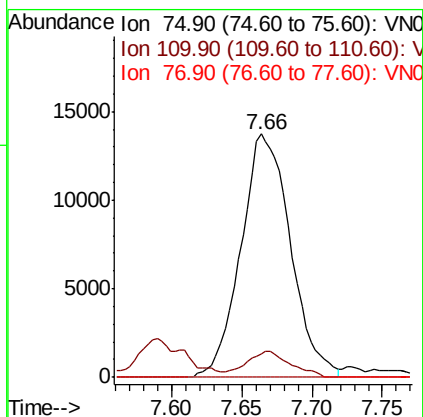
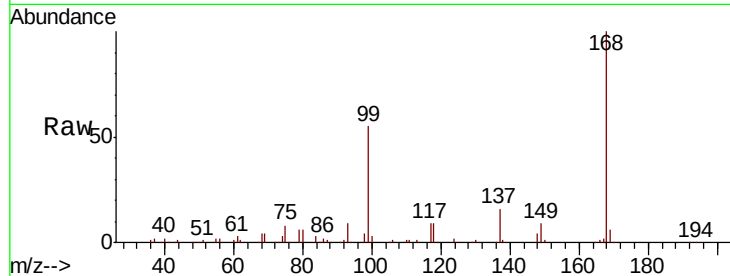




#36
 1,1-Dichloropropene
 Concen: 4.511 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055388.D
 Acq: 3 May 2019 14:32

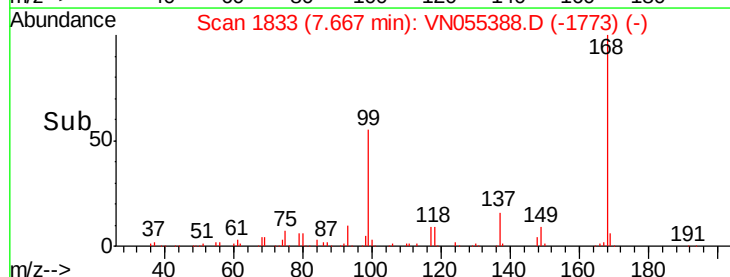
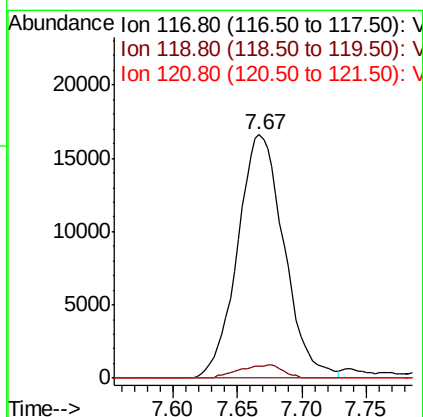
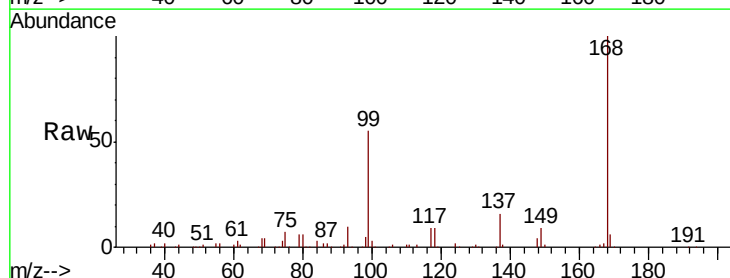
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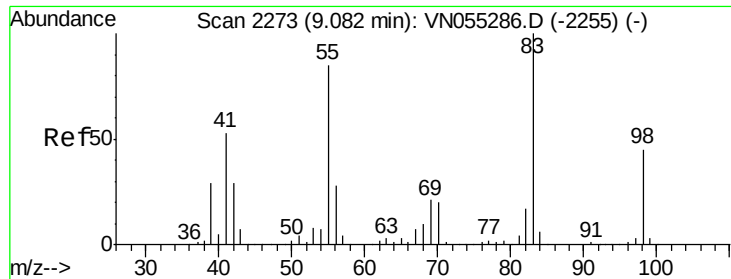
Tot Ion: 75 Resp: 33784
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.778 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055388.D
 Acq: 3 May 2019 14:32

Tgt Ion: 117 Resp: 41744
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.0 115.6#
 121 0.0 23.8 35.8#

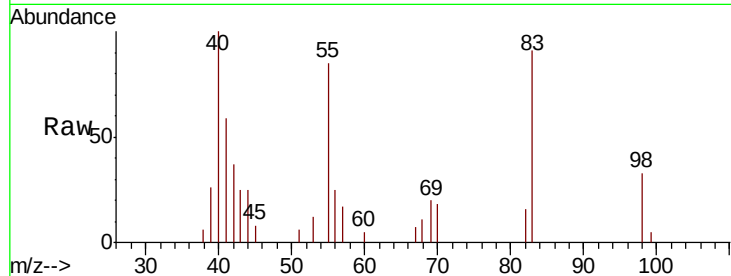




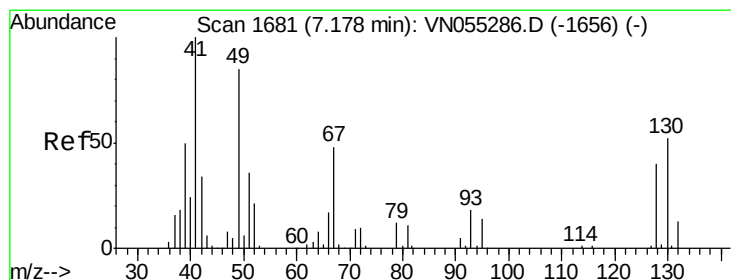
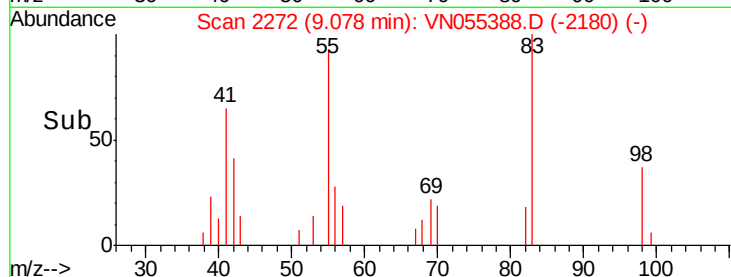
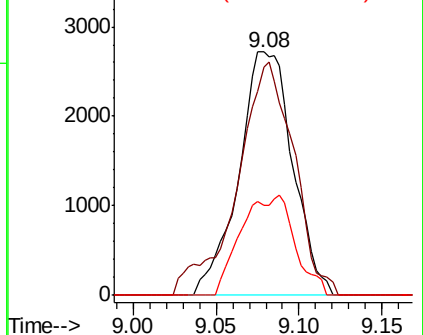
#39
Methylcyclohexane
Concen: 0.774 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)DL

Tot Ion: 83 Resp: 6162
Ion Ratio Lower Upper
83 100
55 93.5 67.8 101.6
98 36.8 36.2 54.4

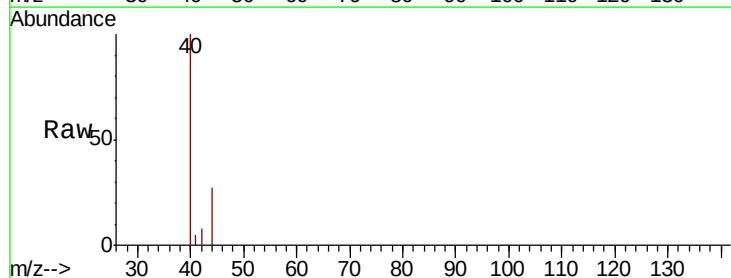


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

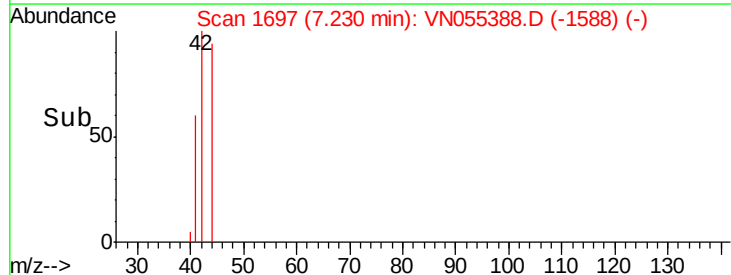
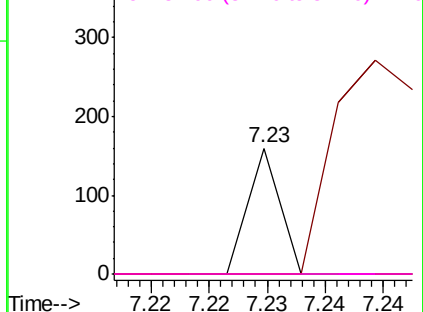


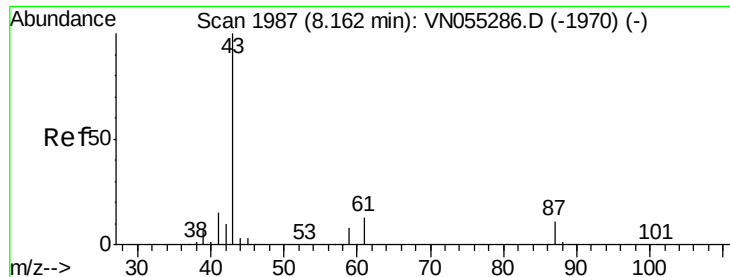
#41
Methacrylonitrile
Concen: 0.750 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.05 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Tgt Ion: 41 Resp: 31
Ion Ratio Lower Upper
41 100
39 448.4 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: 1.673 ug/l

RT: 8.28 min Scan# 2023

Delta R.T. 0.12 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

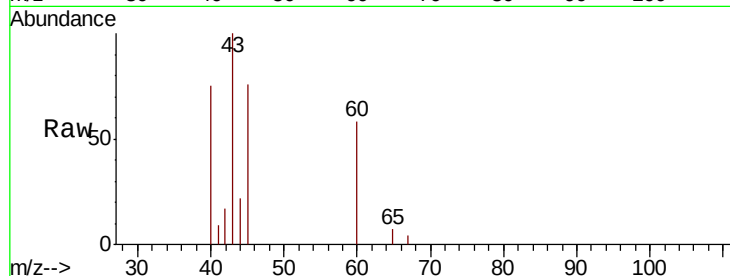
Tot Ion: 43 Resp: 15434

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

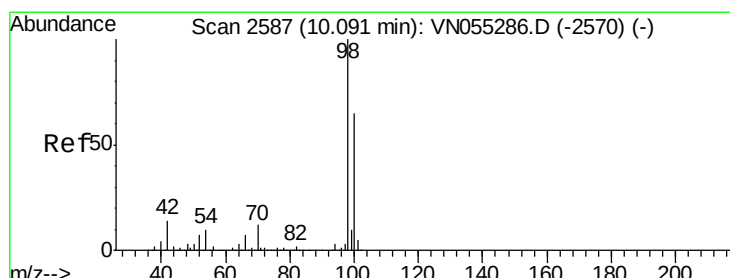
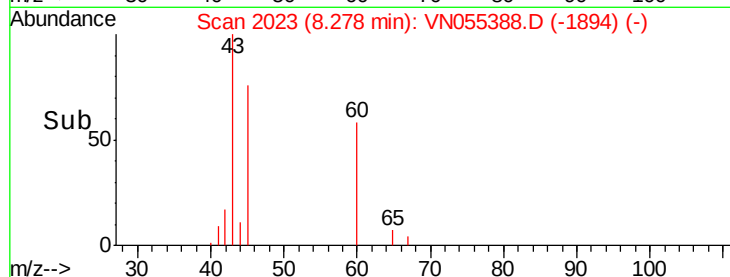
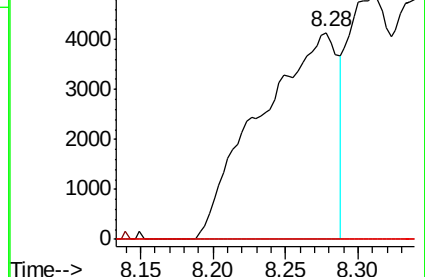
87 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055388.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055388.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055388.D (-1970) (-)



#50

Toluene-d8

Concen: 51.442 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055388.D

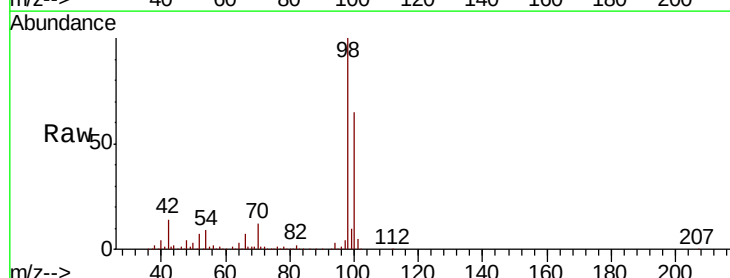
Acq: 3 May 2019 14:32

Tgt Ion: 98 Resp: 953366

Ion Ratio Lower Upper

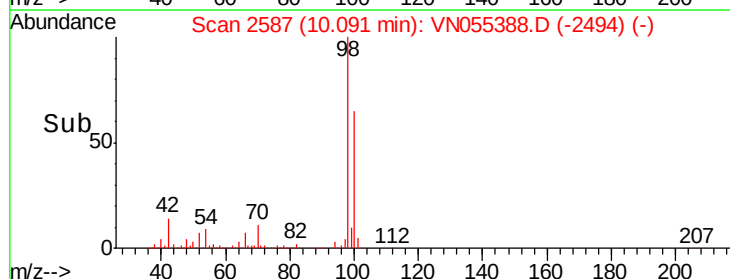
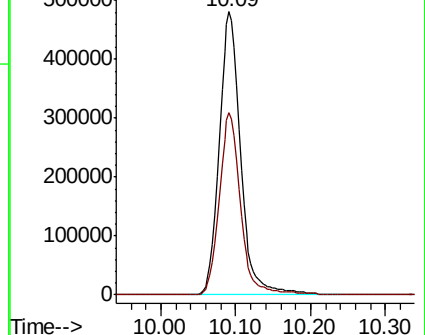
98 100

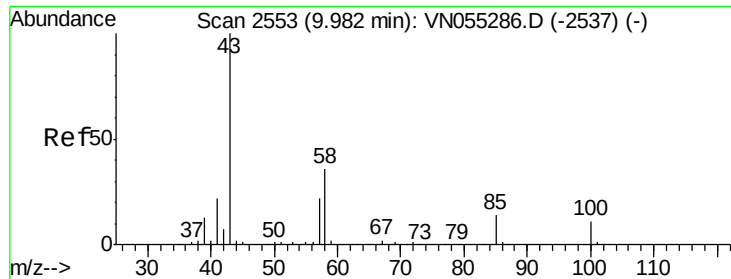
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055388.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055388.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.138 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.11 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

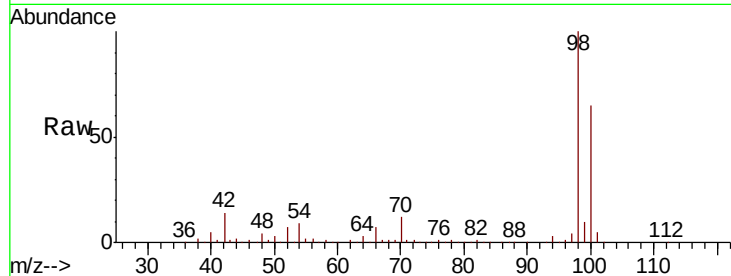
EP1-SB-E2-3(17-20)DL

Tot Ion: 43 Resp: 5913

Ion Ratio Lower Upper

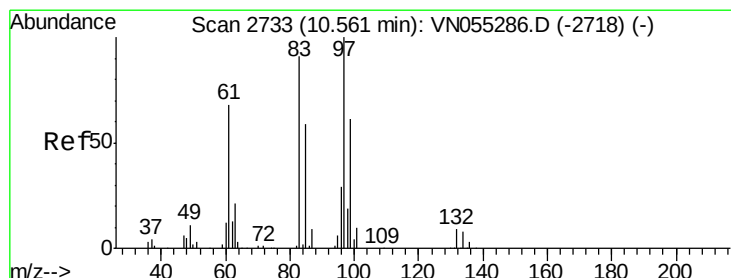
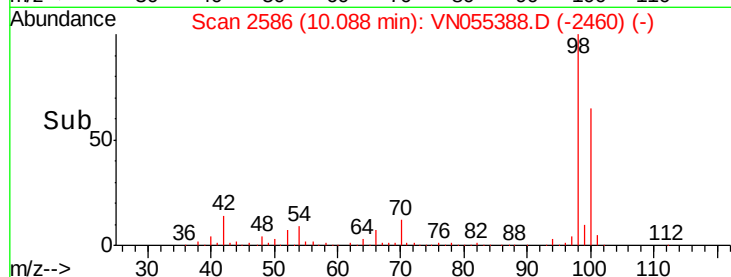
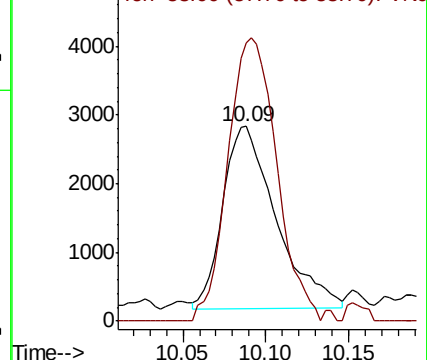
43 100

58 142.3 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: 0.534 ug/l

RT: 10.53 min Scan# 2722

Delta R.T. -0.04 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Tgt Ion: 97 Resp: 2511

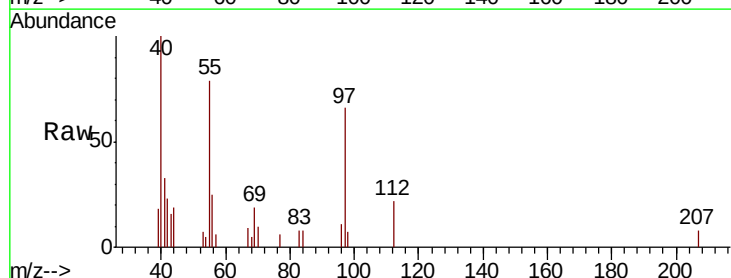
Ion Ratio Lower Upper

97 100

83 11.9 72.8 109.2#

85 0.0 47.0 70.6#

99 0.0 49.0 73.4#

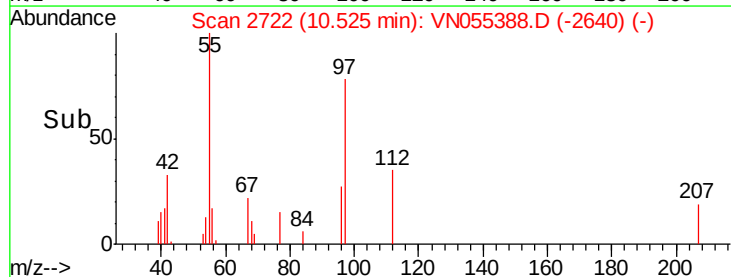
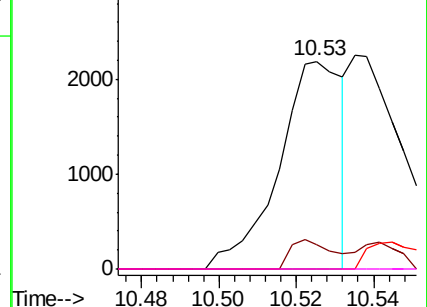


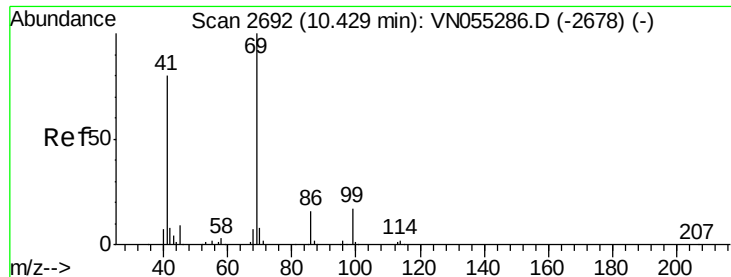
Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 0.439 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

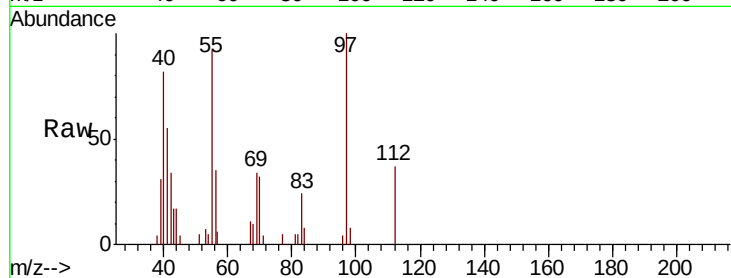
Tot Ion: 69 Resp: 2540

Ion Ratio Lower Upper

69 100

41 180.4 62.7 94.1#

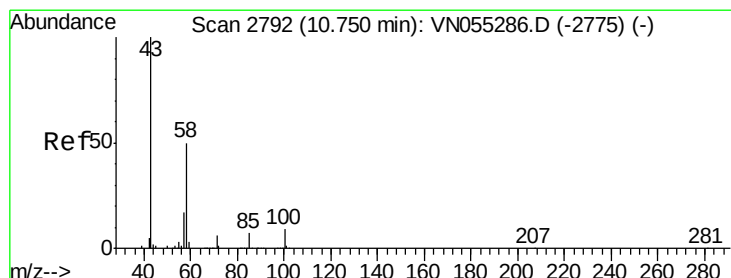
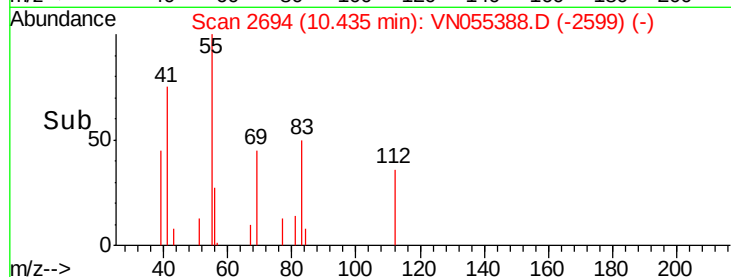
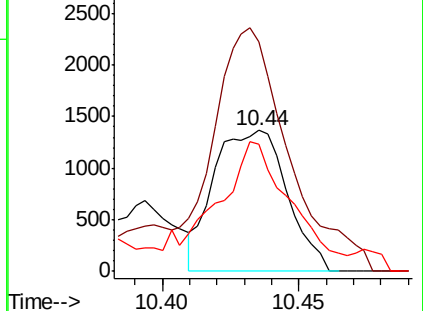
39 80.4 32.0 48.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 5.383 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN055388.D

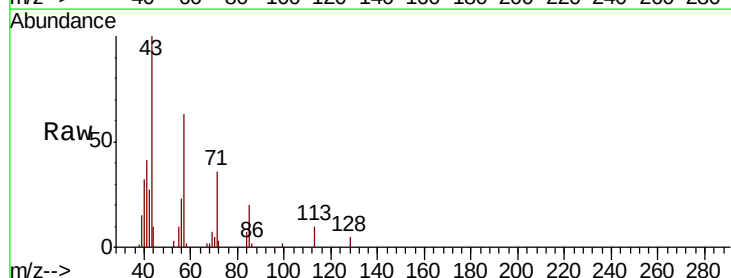
Acq: 3 May 2019 14:32

Tgt Ion: 43 Resp: 17494

Ion Ratio Lower Upper

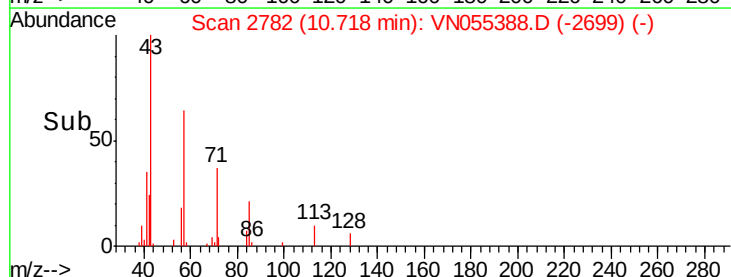
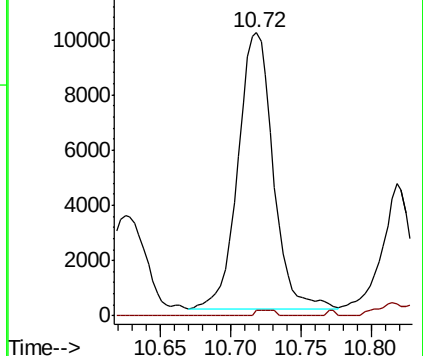
43 100

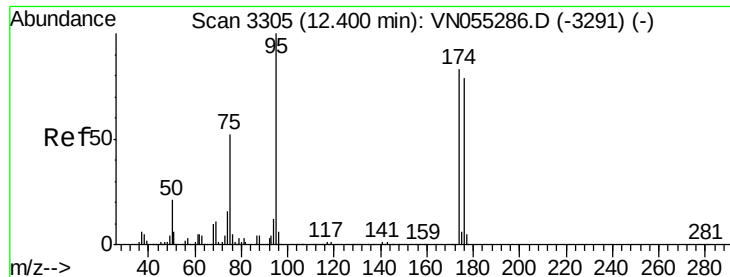
58 1.2 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 56.721 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

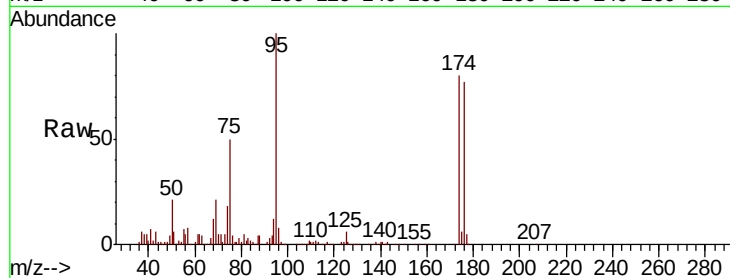
Tot Ion: 95 Resp: 328537

Ion Ratio Lower Upper

95 100

174 81.9 0.0 166.6

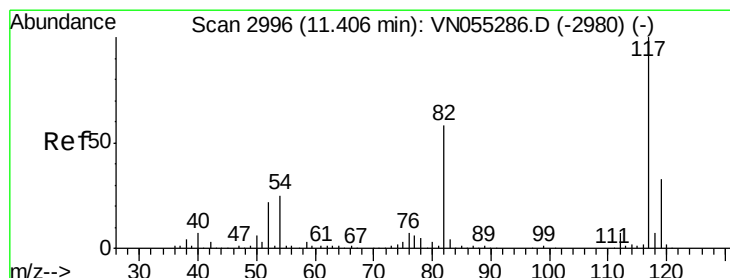
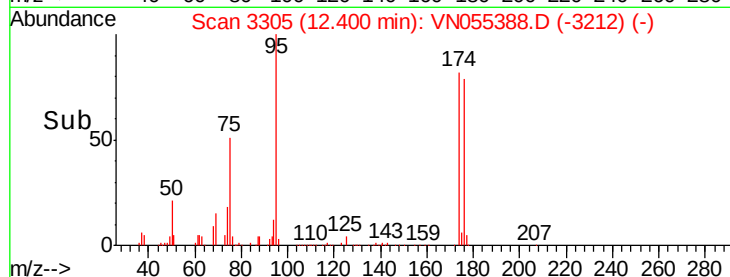
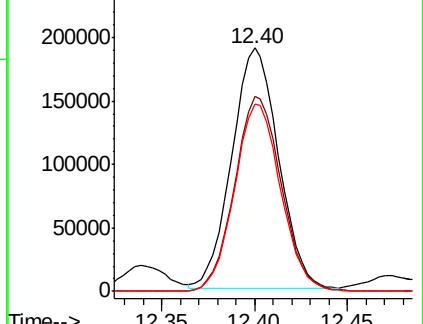
176 77.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055388.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055388.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055388.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

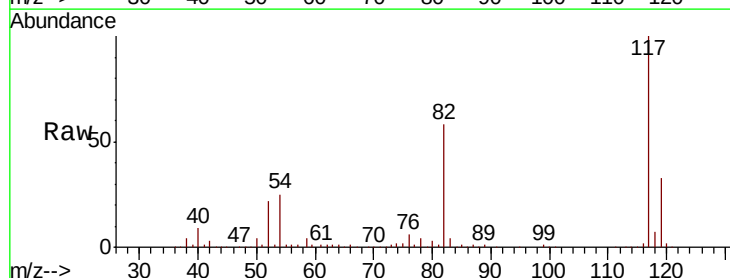
Tgt Ion: 117 Resp: 700879

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

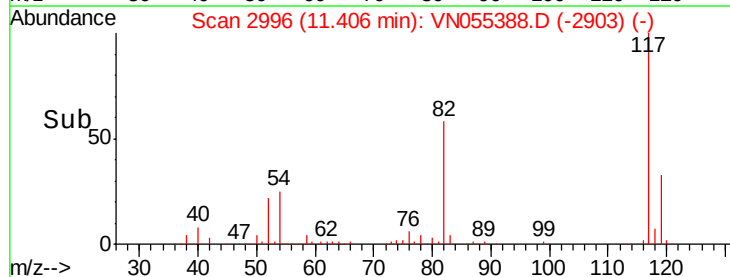
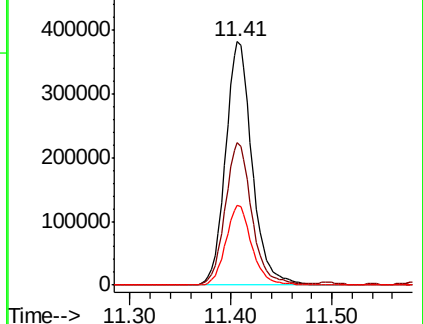
119 32.8 26.6 40.0

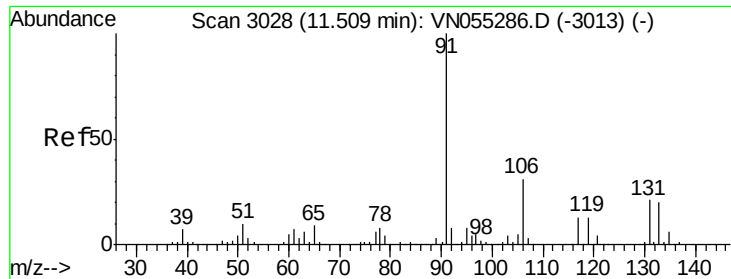


Abundance Ion 116.90 (116.60 to 117.60): VN055388.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055388.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055388.D (-2903) (-)

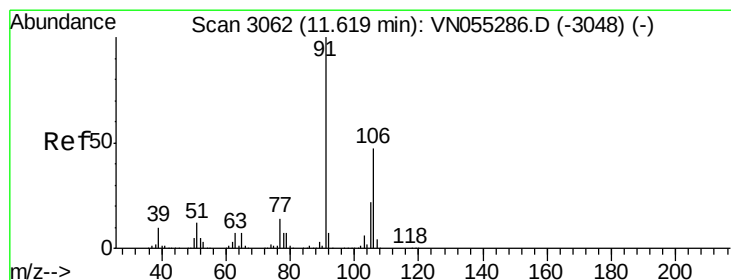
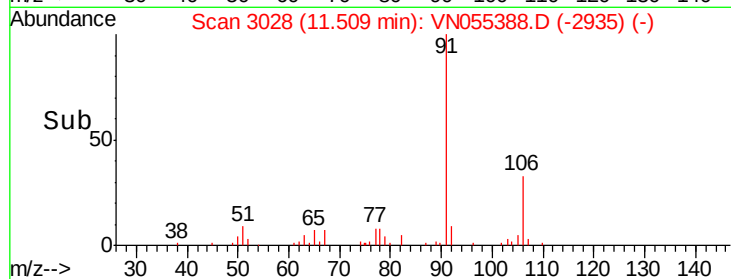
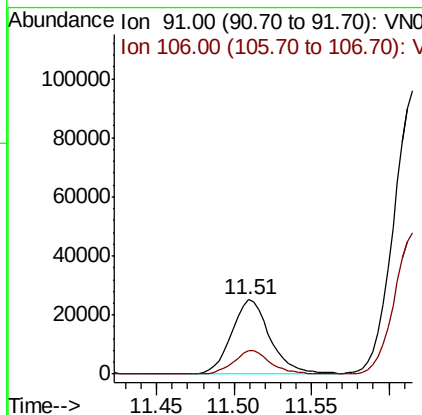
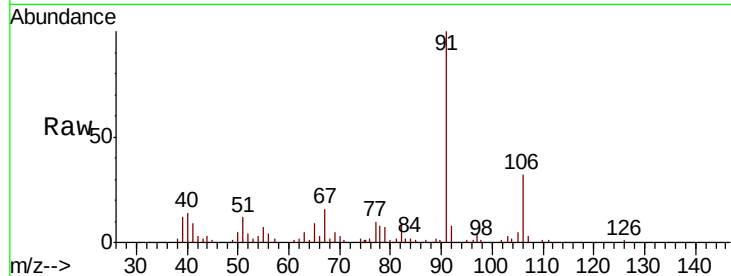




#67
Ethyl Benzene
Concen: 1.761 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

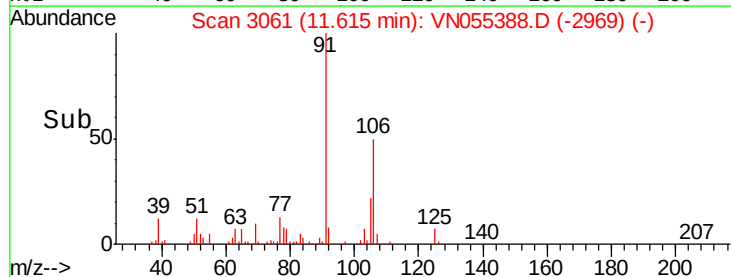
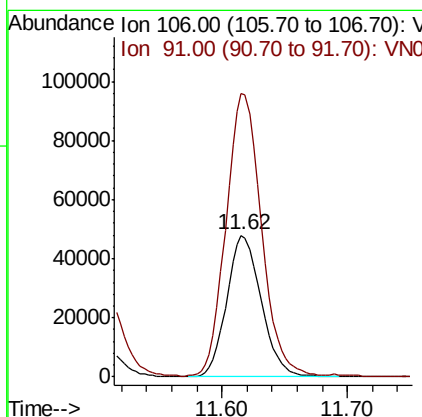
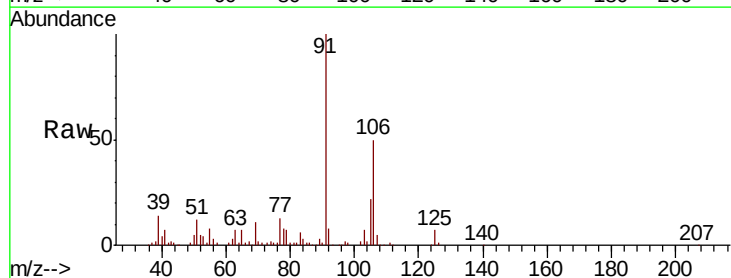
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)DL

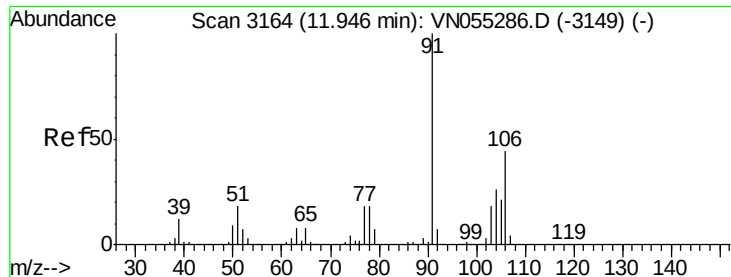
Tot Ion: 91 Resp: 43583
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 10.377 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Tgt Ion: 106 Resp: 91654
Ion Ratio Lower Upper
106 100
91 203.6 169.5 254.3

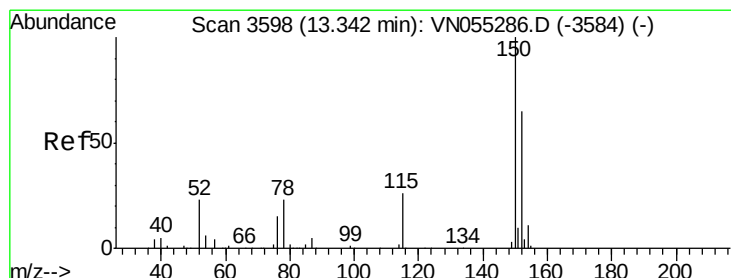
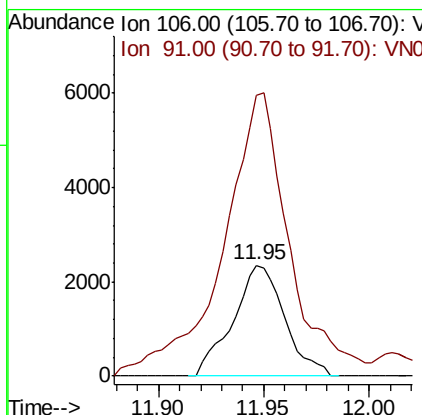
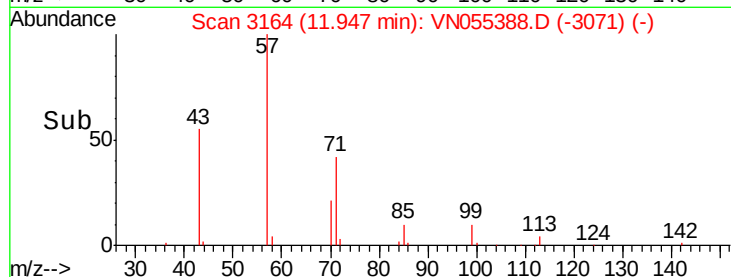
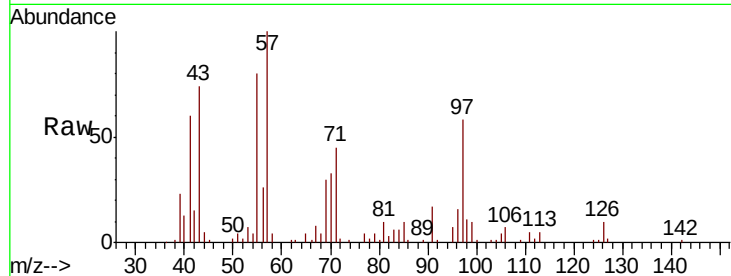




#69
o-Xylene
Concen: 0.456 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

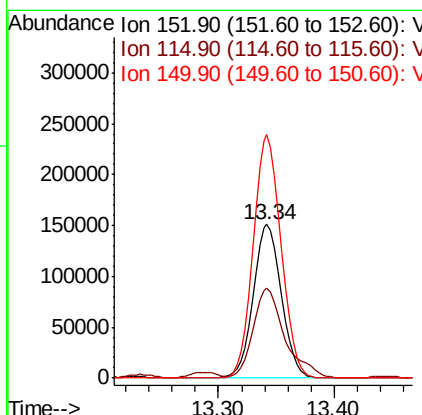
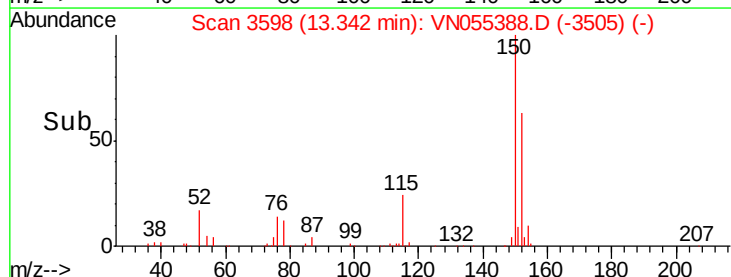
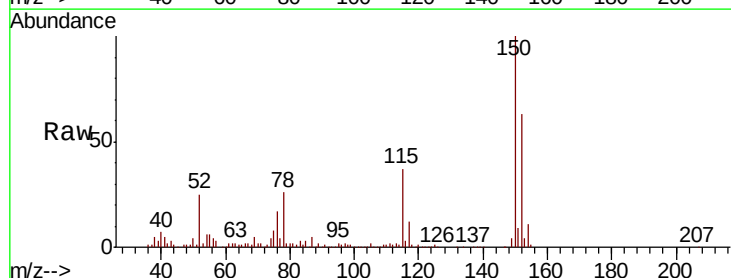
Instrument :
MSVOA_N
ClientSampled :
EP1-SB-E2-3(17-20)DL

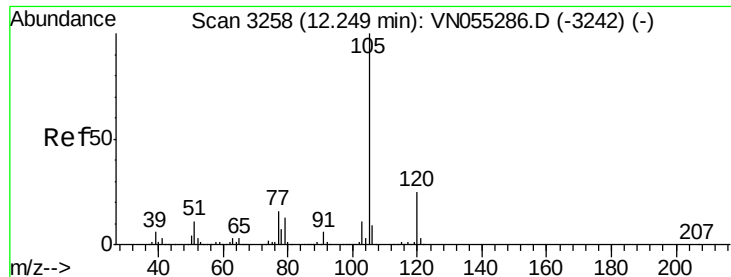
Tot Ion:106 Resp: 3995
Ion Ratio Lower Upper
106 100
91 328.0 111.5 334.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Tgt Ion:152 Resp: 256606
Ion Ratio Lower Upper
152 100
115 65.8 29.0 87.0
150 156.5 0.0 345.6





#73

Isopropylbenzene

Concen: 0.909 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

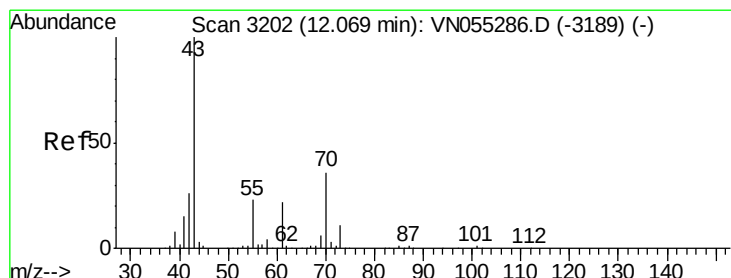
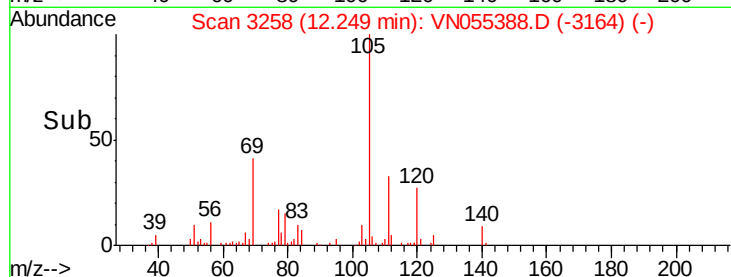
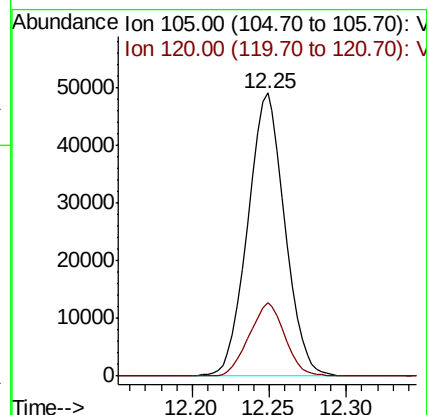
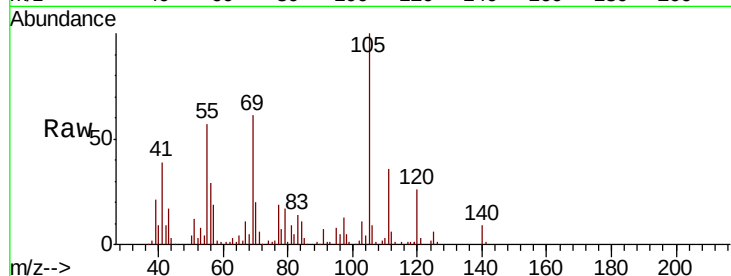
EP1-SB-E2-3(17-20)DL

Tot Ion:105 Resp: 81956

Ion Ratio Lower Upper

105 100

120 24.9 12.9 38.7



#74

N-ethyl acetate

Concen: 26.388 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Tgt Ion: 43 Resp: 173777

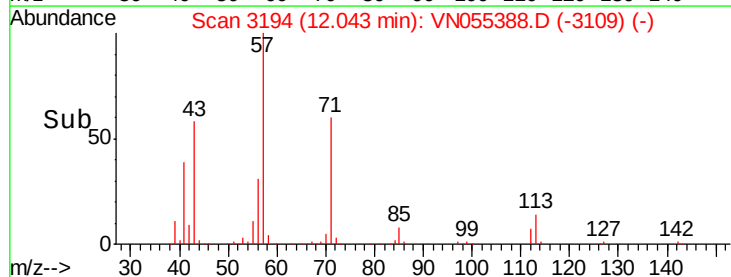
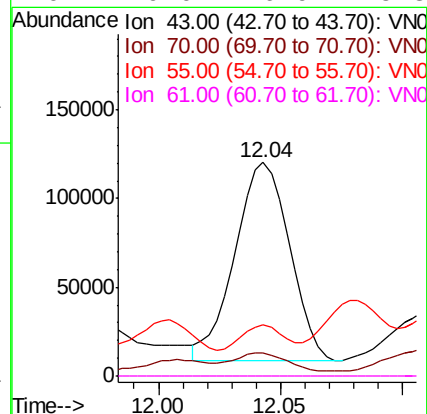
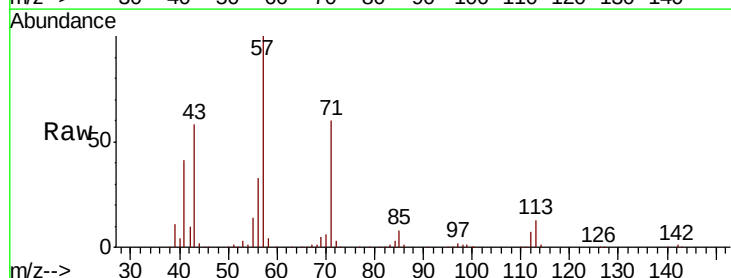
Ion Ratio Lower Upper

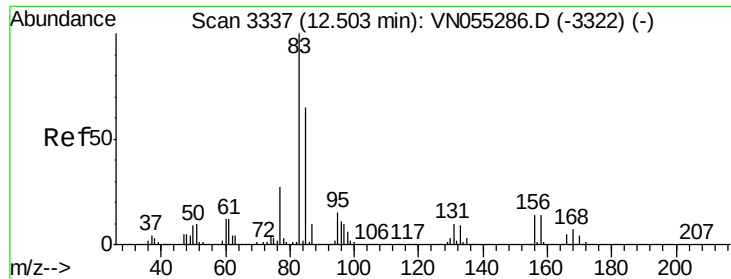
43 100

70 9.0 27.9 41.9#

55 9.7 18.2 27.2#

61 0.0 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

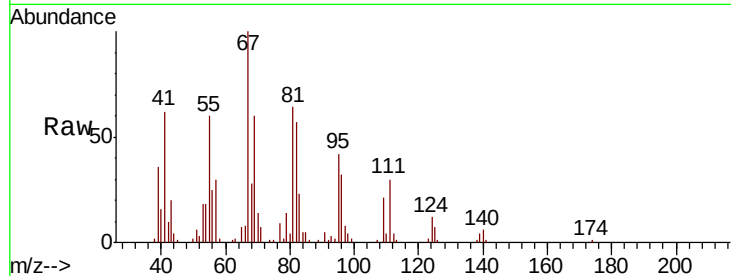
Tot Ion: 83 Resp: 11092

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

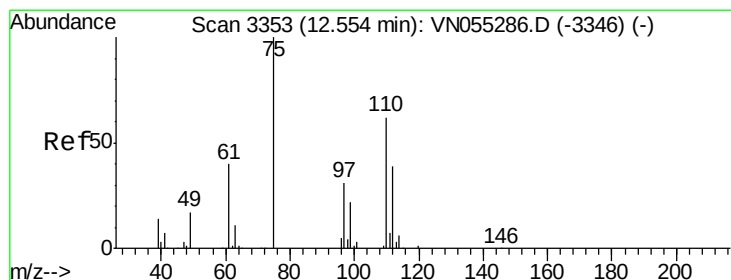
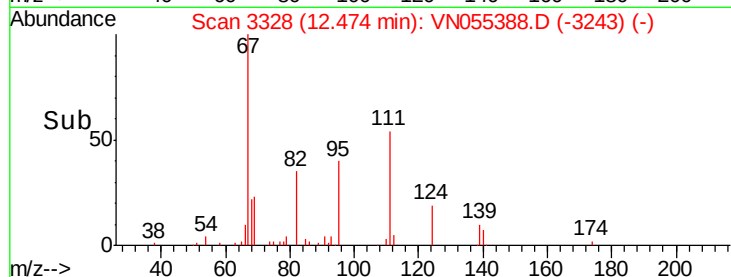
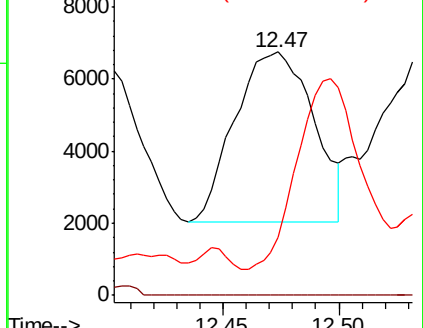
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.858 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055388.D

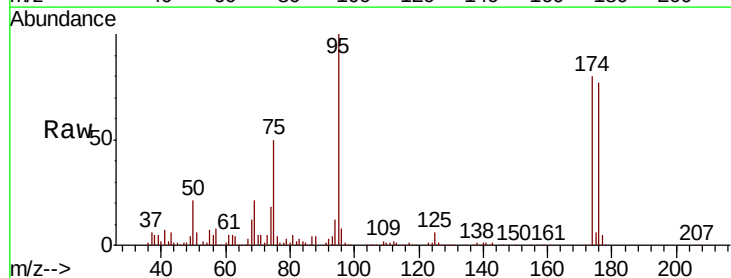
Acq: 3 May 2019 14:32

Tgt Ion: 75 Resp: 165366

Ion Ratio Lower Upper

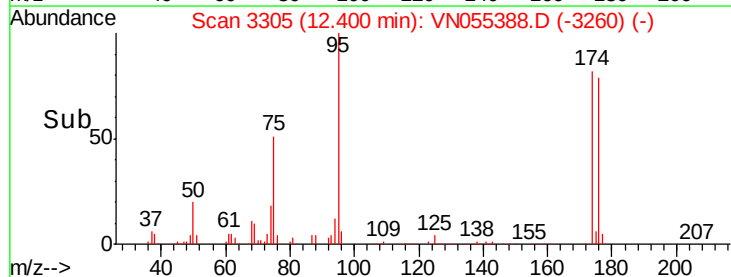
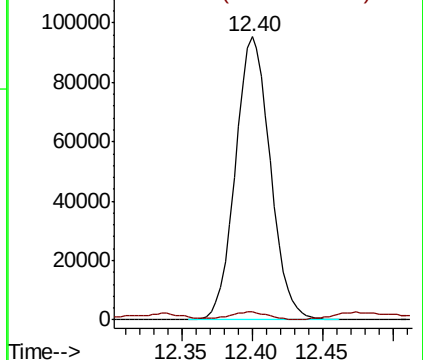
75 100

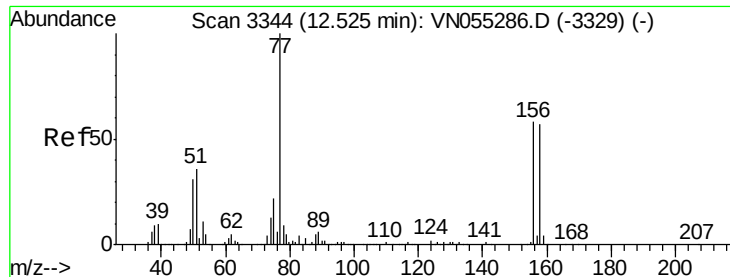
77 2.4 0.0 0.0#



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: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

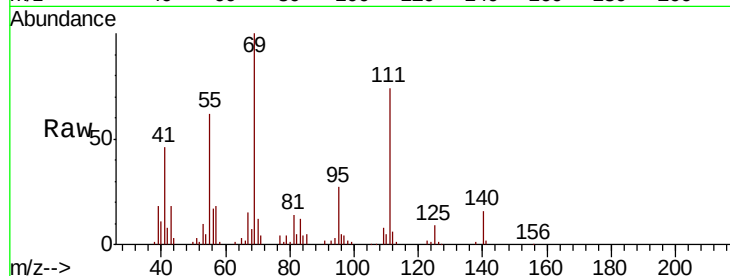
Tot Ion:156 Resp: 62

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

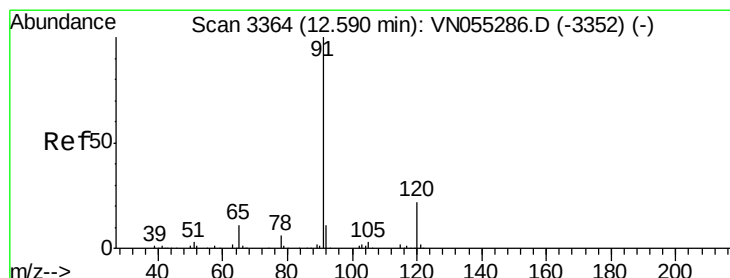
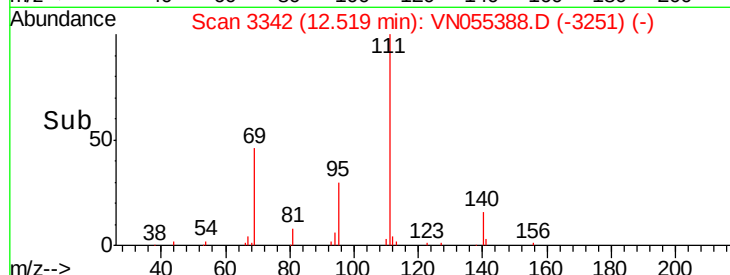
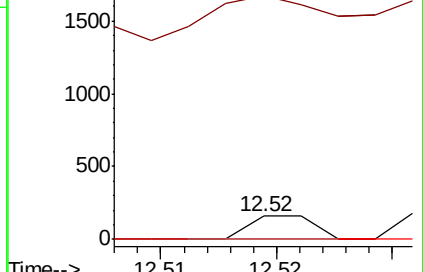
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 8.537 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055388.D

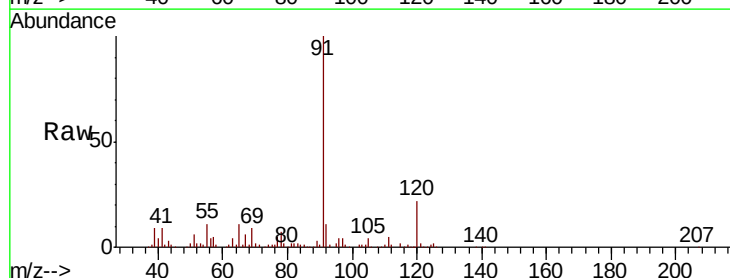
Acq: 3 May 2019 14:32

Tgt Ion: 91 Resp: 225038

Ion Ratio Lower Upper

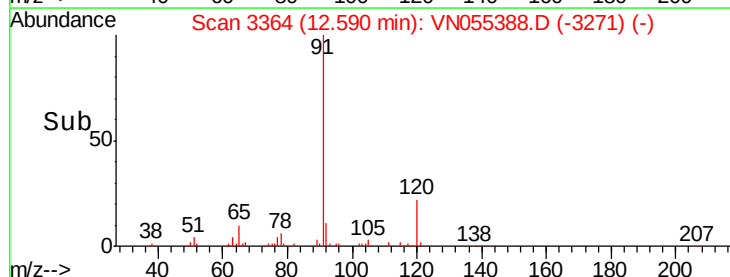
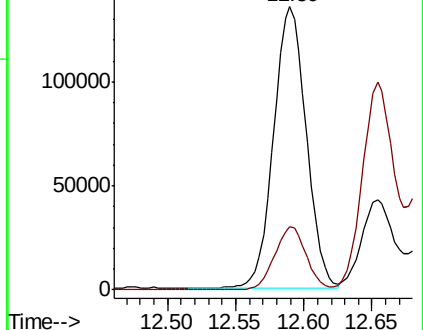
91 100

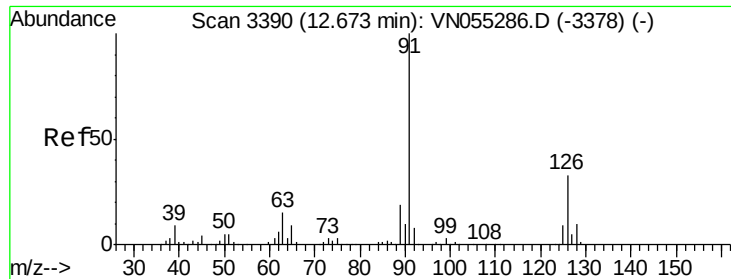
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.223 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

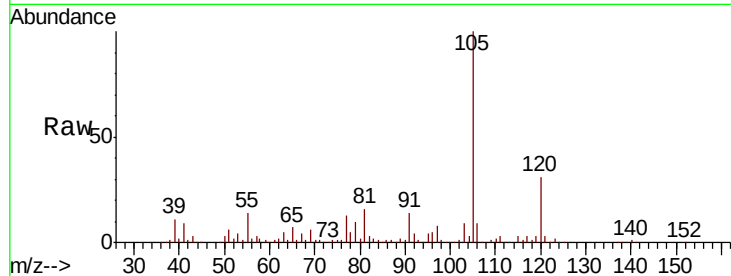
EP1-SB-E2-3(17-20)DL

Tot Ion: 91 Resp: 66300

Ion Ratio Lower Upper

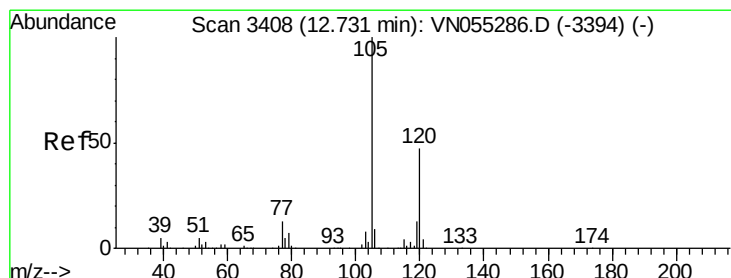
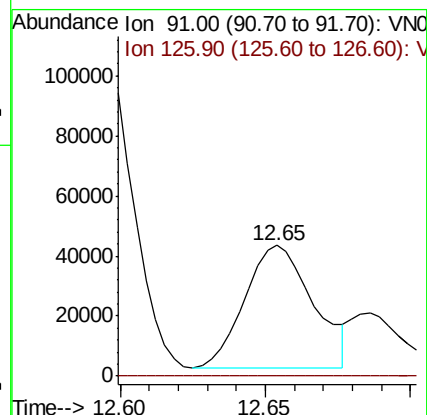
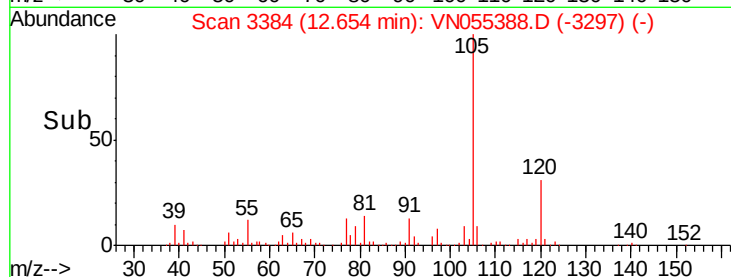
91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN055388.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055388.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 26.930 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055388.D

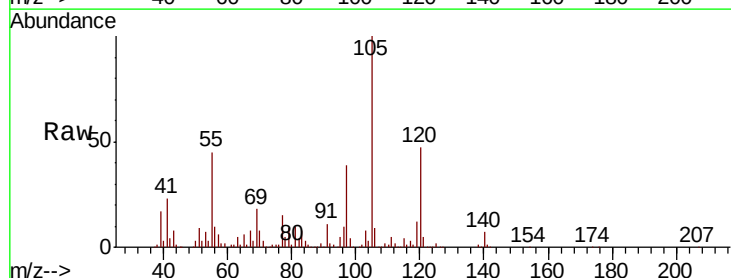
Acq: 3 May 2019 14:32

Tgt Ion:105 Resp: 541758

Ion Ratio Lower Upper

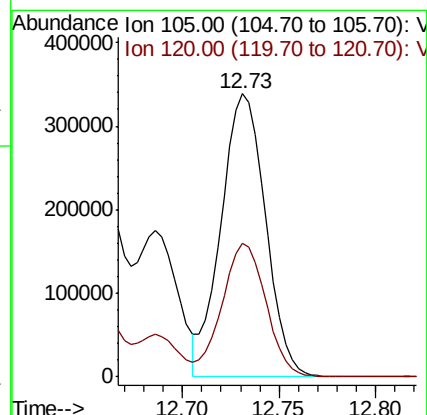
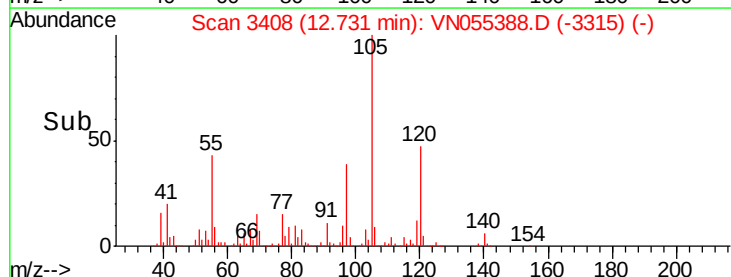
105 100

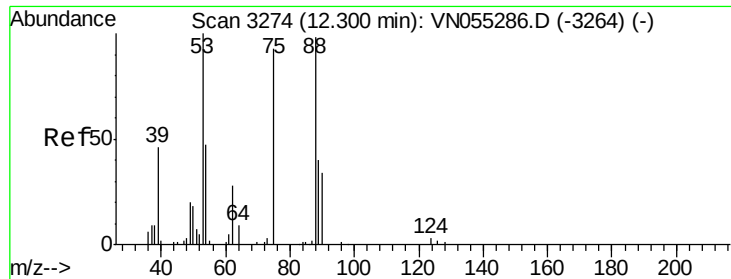
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055388.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN055388.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 122.125 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

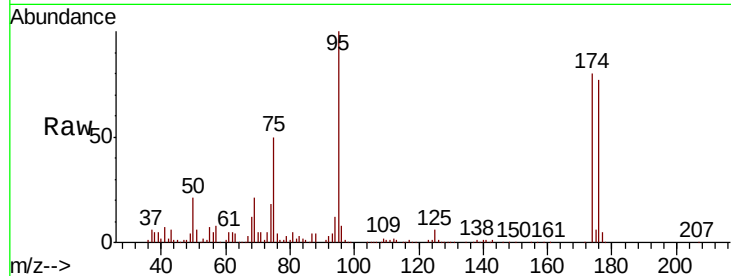
Tot Ion: 75 Resp: 165366

Ion Ratio Lower Upper

75 100

53 2.9 86.3 129.5#

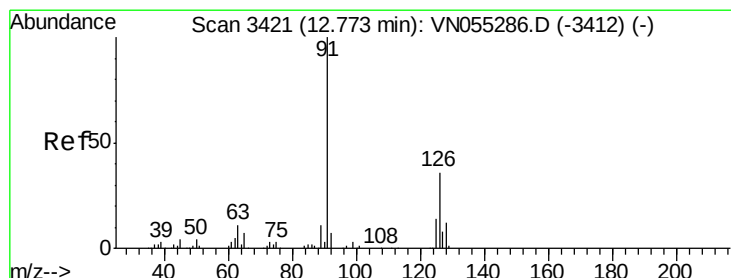
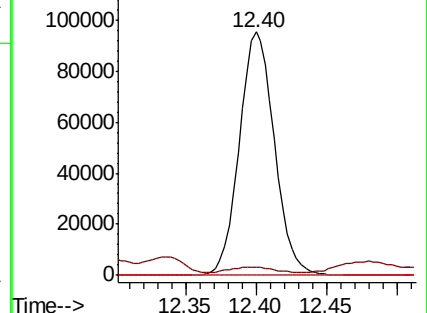
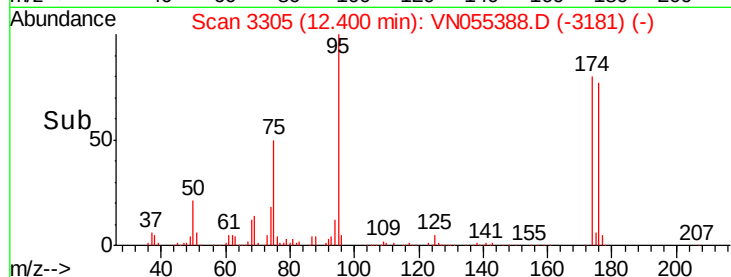
89 0.0 34.6 51.8#



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: 3.834 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055388.D

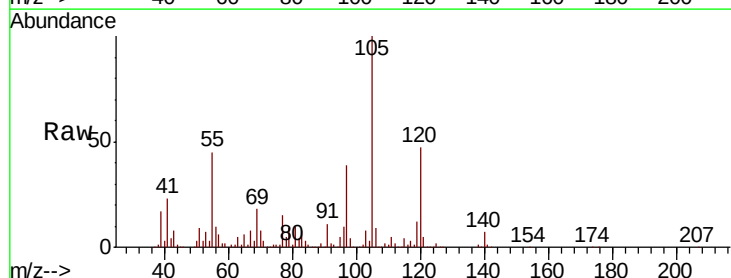
Acq: 3 May 2019 14:32

Tgt Ion: 91 Resp: 58764

Ion Ratio Lower Upper

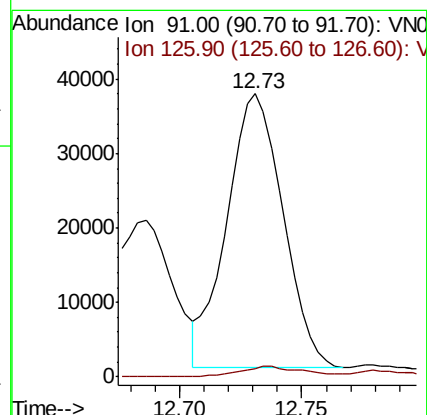
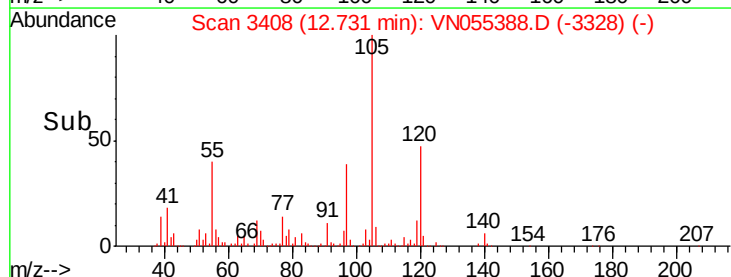
91 100

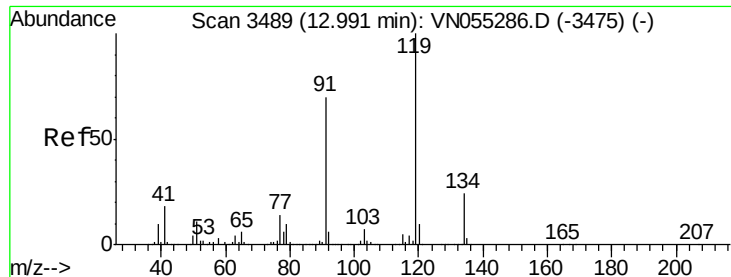
126 4.3 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

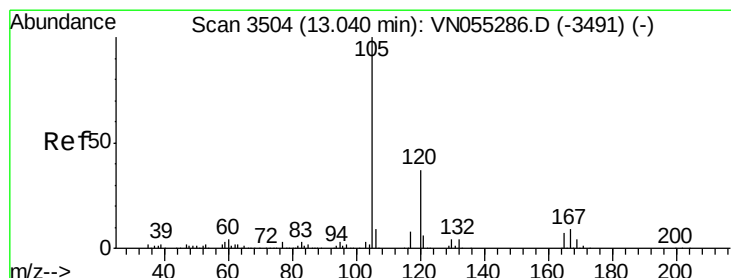
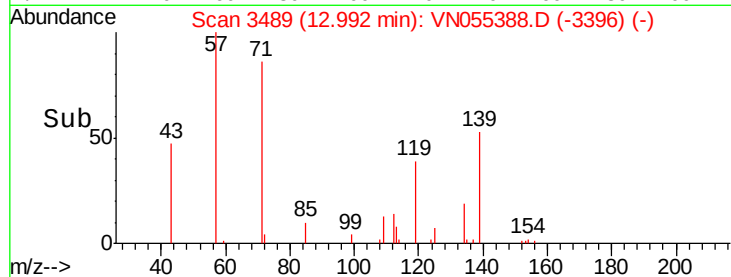
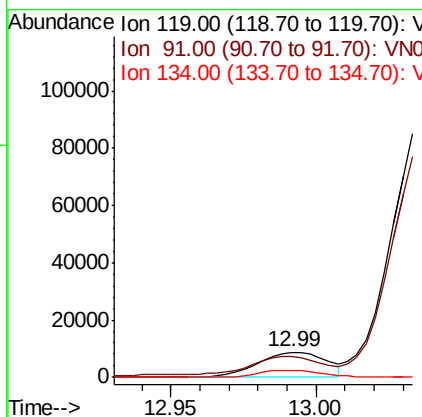
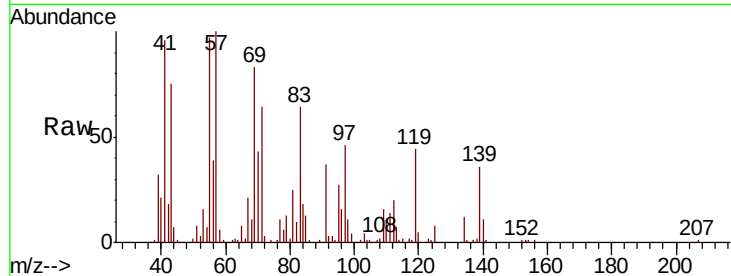




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055388.D
 Acq: 3 May 2019 14:32

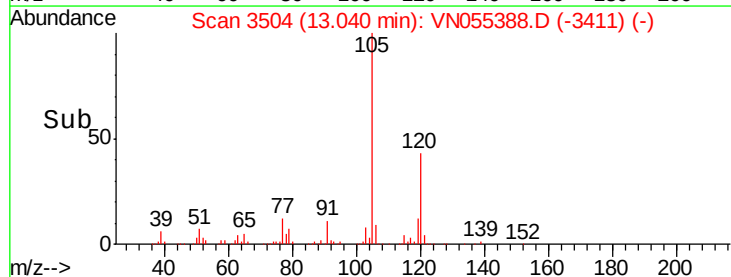
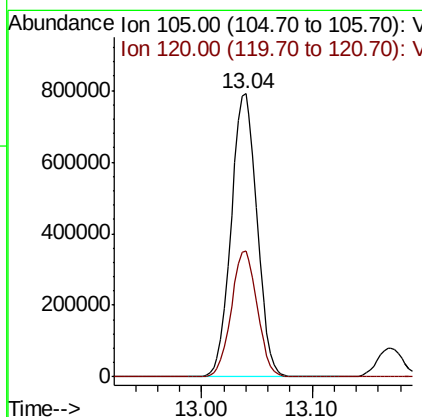
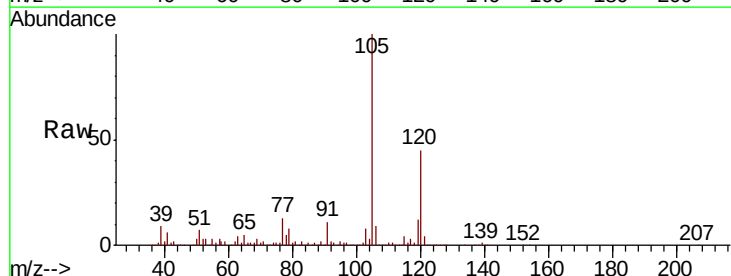
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-SB-E2-3(17-20)DL

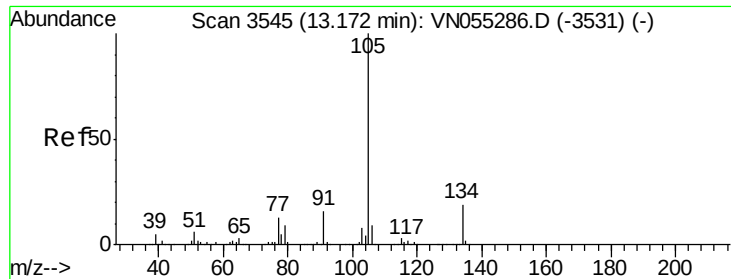
Tot Ion:119 Resp: 14474
 Ion Ratio Lower Upper
 119 100
 91 71.7 34.3 102.9
 134 26.0 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 71.519 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055388.D
 Acq: 3 May 2019 14:32

Tgt Ion:105 Resp: 1286748
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 6.045 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

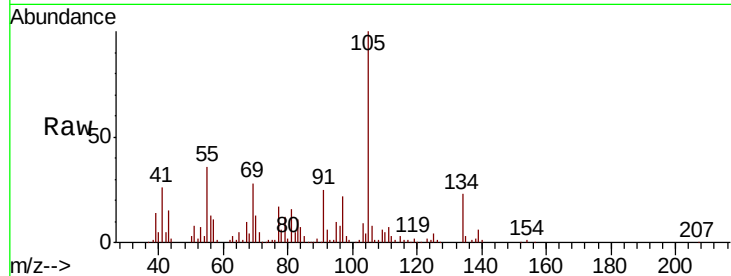
EP1-SB-E2-3(17-20)DL

Tot Ion:105 Resp: 132180

Ion Ratio Lower Upper

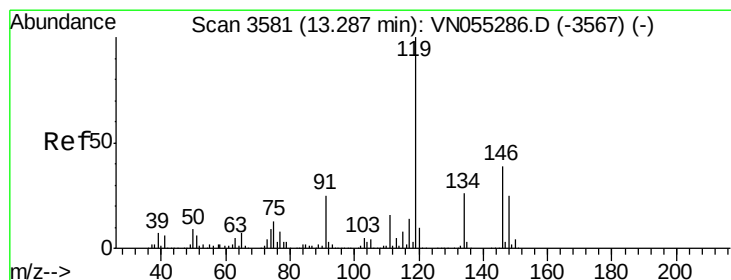
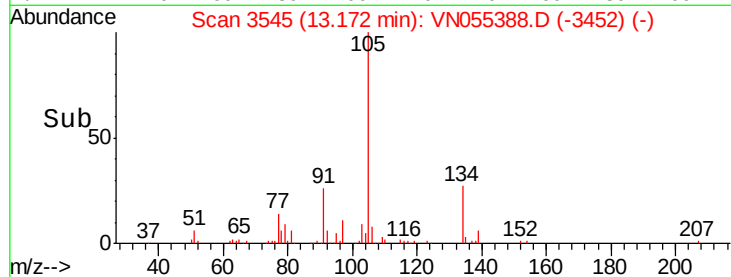
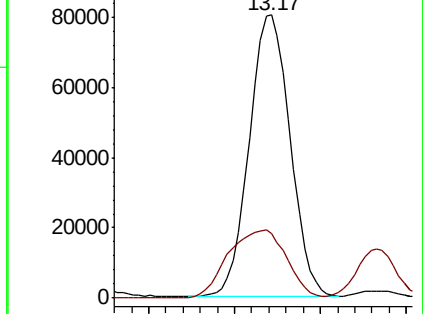
105 100

134 34.7 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 7.691 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

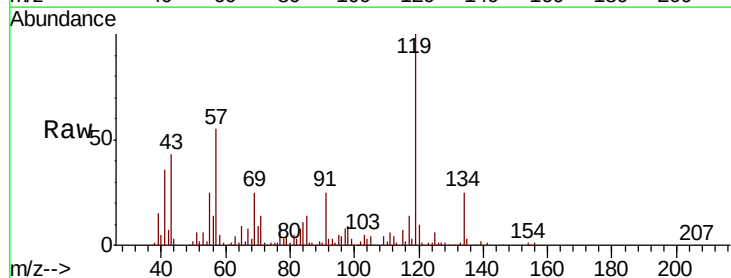
Tgt Ion:119 Resp: 138226

Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

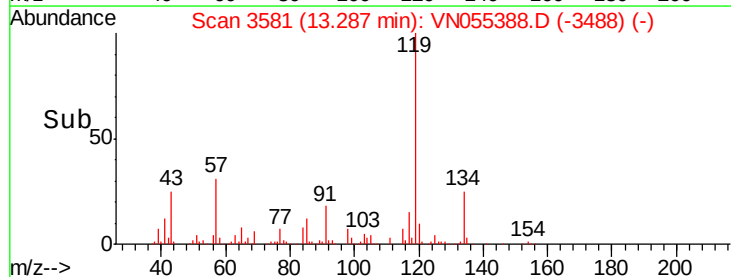
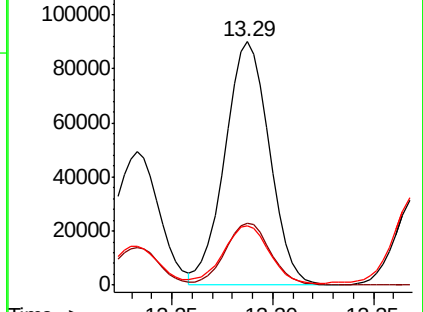
91 24.2 12.2 36.6

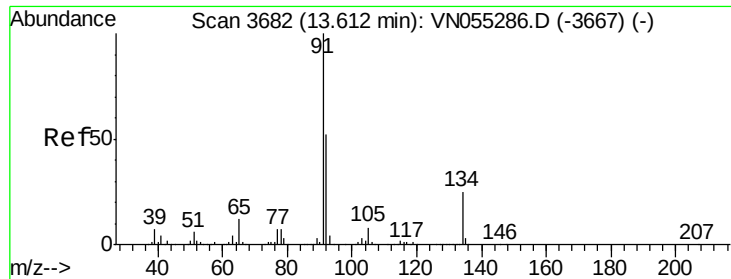


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 5.782 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

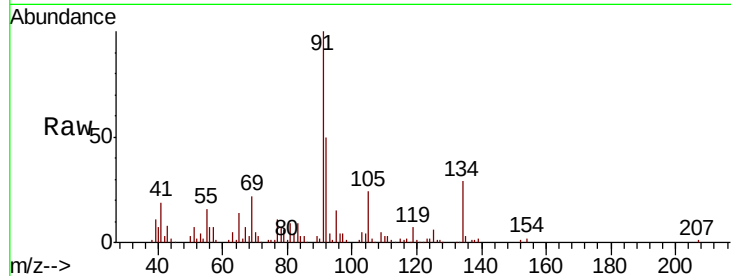
Tot Ion: 91 Resp: 73837

Ion Ratio Lower Upper

91 100

92 58.8 26.1 78.3

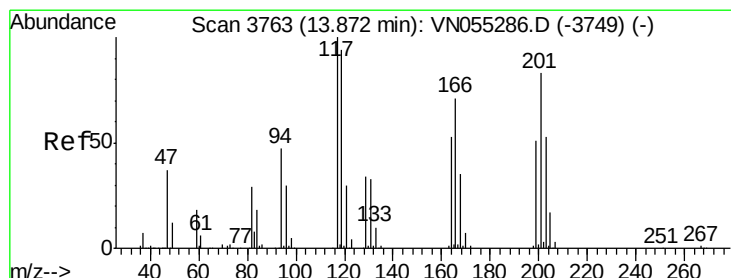
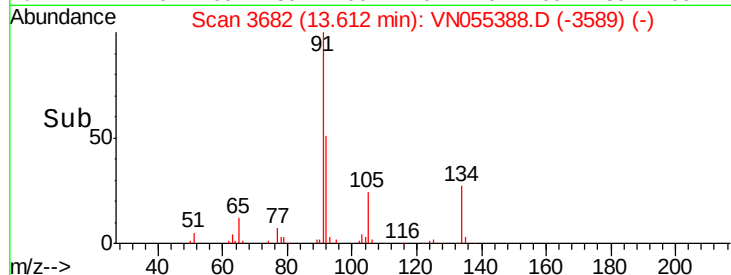
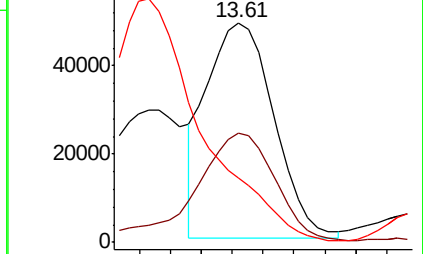
134 0.0 12.4 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)



#90

Hexachloroethane

Concen: 3.337 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055388.D

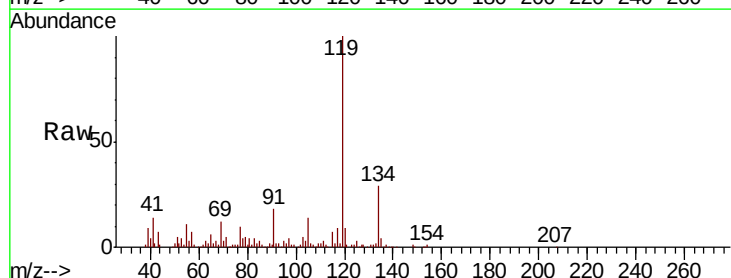
Acq: 3 May 2019 14:32

Tgt Ion: 117 Resp: 13680

Ion Ratio Lower Upper

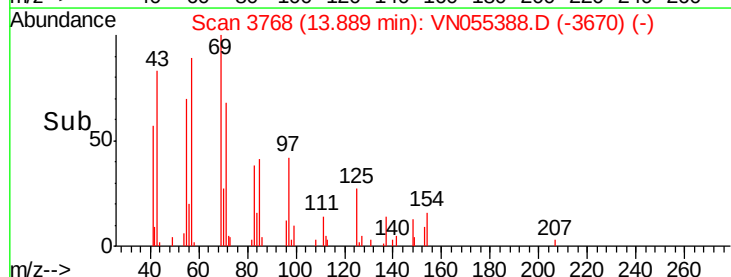
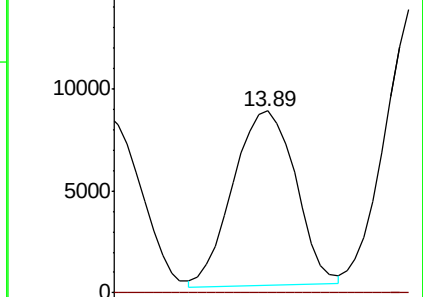
117 100

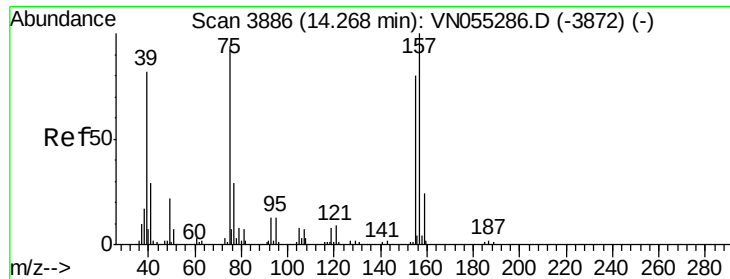
201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.624 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

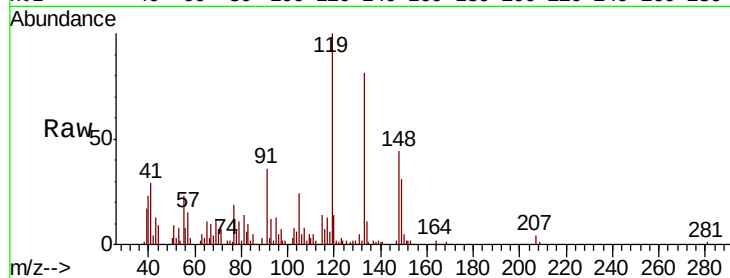
Tot Ion: 75 Resp: 421

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 54.0 162.2#

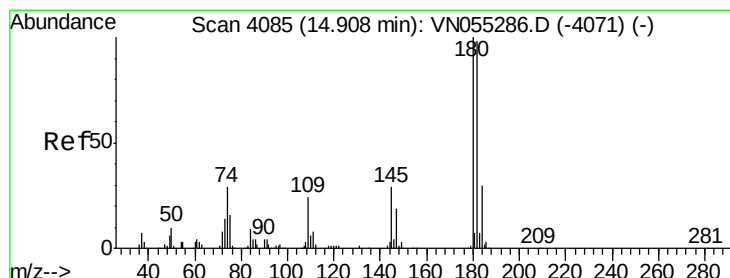
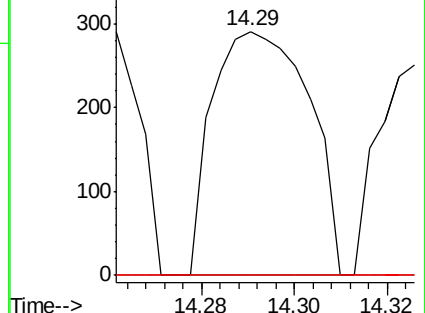
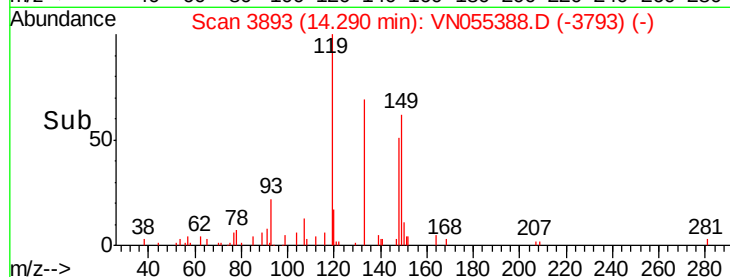


Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3872) (-)

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

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

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.362 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

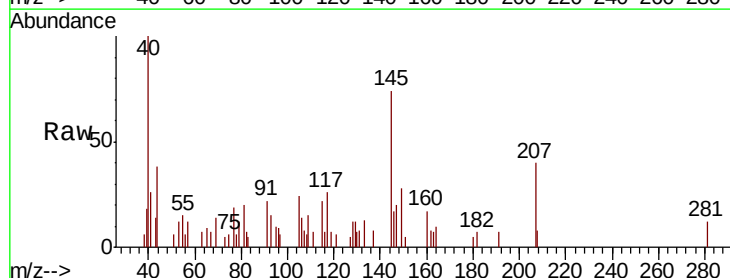
Tgt Ion: 180 Resp: 184

Ion Ratio Lower Upper

180 100

182 82.1 48.3 144.9

145 3371.7 14.2 42.6#

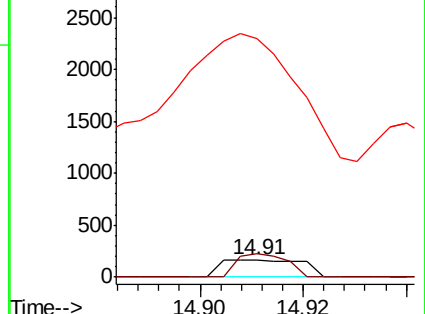
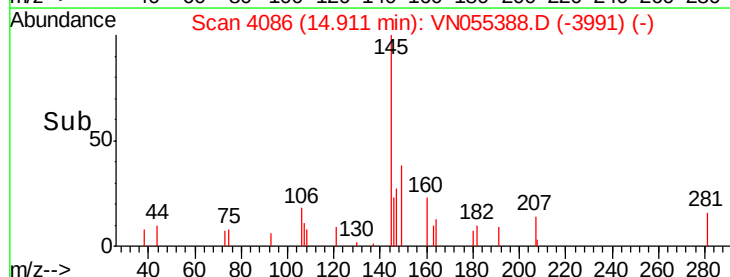


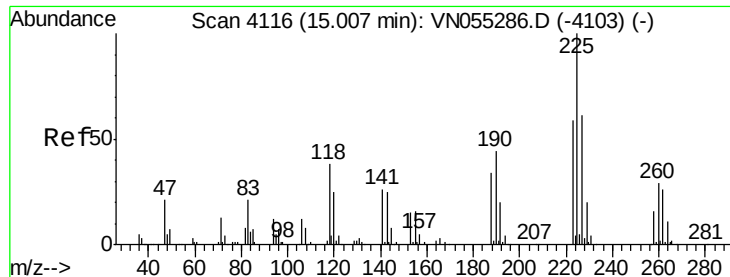
Abundance Ion 179.80 (179.50 to 180.50): VN055286.D (-4071) (-)

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

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

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL

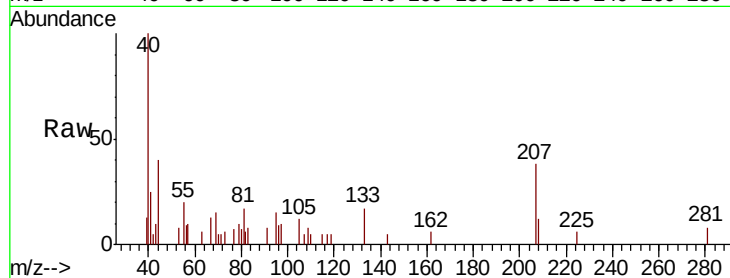
Tot Ion:225 Resp: 68

Ion Ratio Lower Upper

225 100

223 0.0 30.3 90.8#

227 0.0 30.9 92.7#



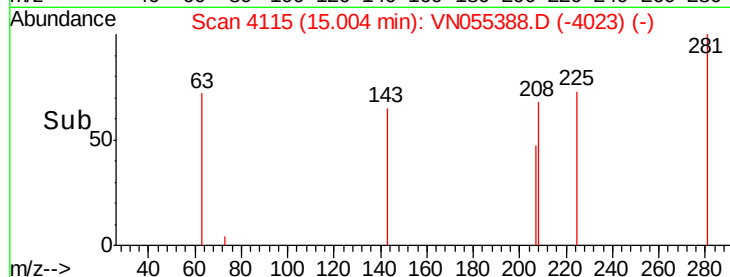
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

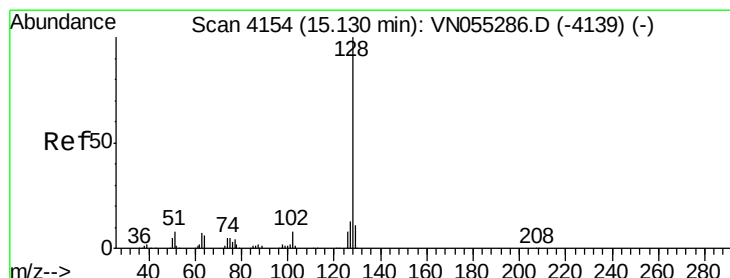
Ion 226.70 (226.40 to 227.40): V

15.00

14.99 15.01



Time-->



#95

Naphthalene

Concen: 5.551 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

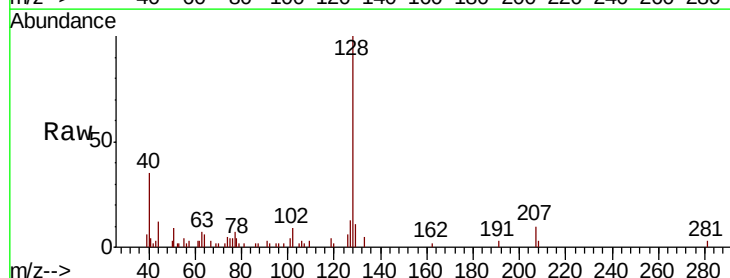
Tgt Ion:128 Resp: 16986

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 13.6 8.6 13.0#



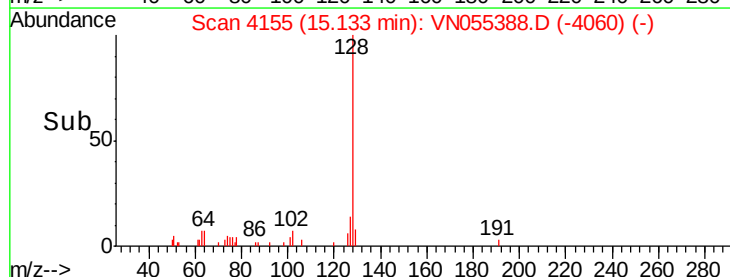
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

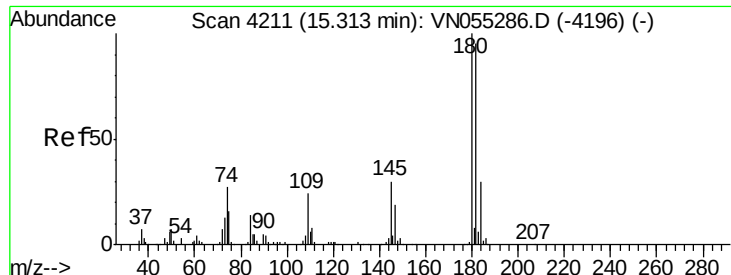
Ion 129.00 (128.70 to 129.70): V

15.13

15.05 15.15 15.20



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 2.713 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN055388.D
 Acq: 3 May 2019 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(17-20)DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	32.4	48.3	144.9#
145	265.3	15.2	45.6#

