

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055371.D
 Acq On : 3 May 2019 1:57
 Operator : JC/SP
 Sample : K2658-12 10X
 Misc : 6.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 03 09:45:46 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	433754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	750313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	691813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	295150	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	7.59	113	231025	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	10.09	98	956737	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.40	95	475267	85.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.02%	

Target Compounds

					Qvalue	
16) Acetone	3.82	43	633	0.358	ug/l #	45
18) Methyl Acetate	4.34	43	2234	Below Cal	#	83
29) Tetrahydrofuran	7.23	42	322	0.222	ug/l #	40
31) Cyclohexane	7.66	56	14126	1.583	ug/l #	17
36) 1,1-Dichloropropene	7.67	75	34485	4.798	ug/l #	48
38) Carbon Tetrachloride	7.67	117	40928	5.904	ug/l #	16
39) Methylcyclohexane	9.08	83	61916	8.103	ug/l	95
41) Methacrylonitrile	7.23	41	62	0.760	ug/l #	48
48) Methyl methacrylate	9.15	41	3183	0.731	ug/l #	60
51) 4-Methyl-2-Pentanone	10.08	43	15846	3.180	ug/l #	71
55) 1,1,2-Trichloroethane	10.53	97	50733	11.239	ug/l #	18
56) Ethyl methacrylate	10.43	69	27048	4.868	ug/l #	1
59) 2-Hexanone	10.72	43	187387	60.094	ug/l #	32
65) Chlorobenzene	11.54	112	20119	1.487	ug/l #	43
67) Ethyl Benzene	11.51	91	466858	19.114	ug/l	99
68) m/p-Xylenes	11.62	106	930650	106.746	ug/l	99
69) o-Xylene	11.95	106	40476	4.684	ug/l	50
71) Bromoform	12.40	173	1157	0.394	ug/l #	1
73) Isopropylbenzene	12.25	105	808781	32.037	ug/l	100
74) N-amyl acetate	12.04	43	1289112	163.936	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.47	83	129417	19.369	ug/l #	25
77) Bromobenzene	12.56	156	276	Below Cal	#	1
78) n-propylbenzene	12.59	91	2326502	73.918	ug/l	100
79) 2-Chlorotoluene	12.65	91	666085	39.555	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	5064207	210.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.25	75	9775	6.046	ug/l #	1
82) 4-Chlorotoluene	12.73	91	575285	31.436	ug/l #	47
83) tert-Butylbenzene	12.99	119	141561	5.750	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	12590306	586.052	ug/l	99
85) sec-Butylbenzene	13.17	105	1276885	48.906	ug/l #	66
86) p-Isopropyltoluene	13.29	119	1352933	63.047	ug/l	100
89) n-Butylbenzene	13.61	91	868134	56.932	ug/l #	78
90) Hexachloroethane	13.89	117	142951	41.814	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6428	7.974	ug/l #	1

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Response via : Initial Calibration

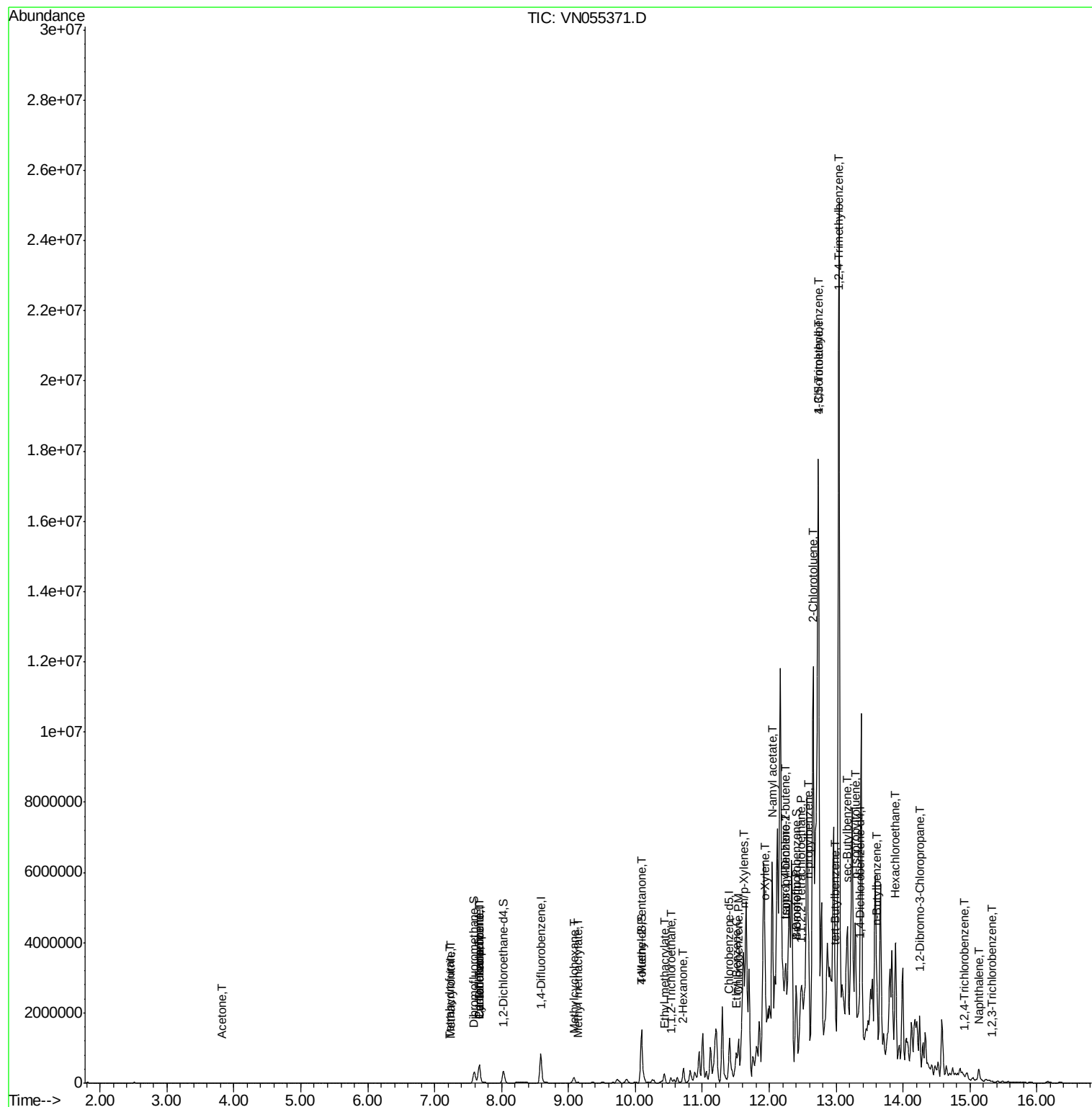
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	299	3.380	ug/l #	1
95) Naphthalene	15.13	128	280338	34.053	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	65	2.628	ug/l #	1

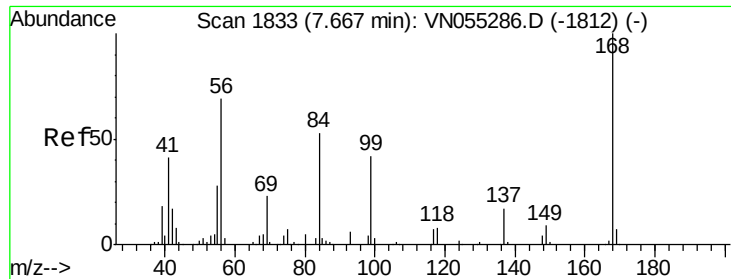
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

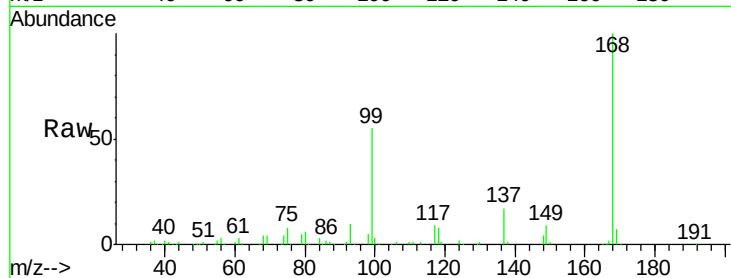
EP1-SB-E2-3(17-20)

Tot Ion:168 Resp: 433754

Ion Ratio Lower Upper

168 100

99 54.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055371.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055371.D (-1740) (-)

7.67

200000

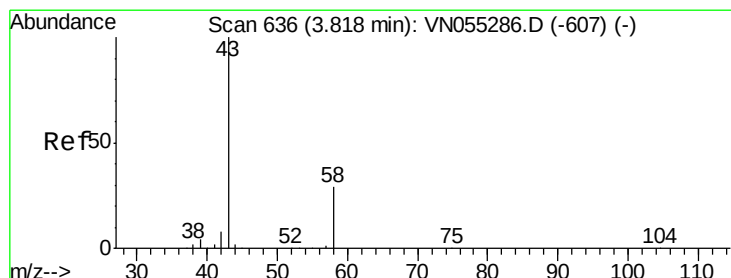
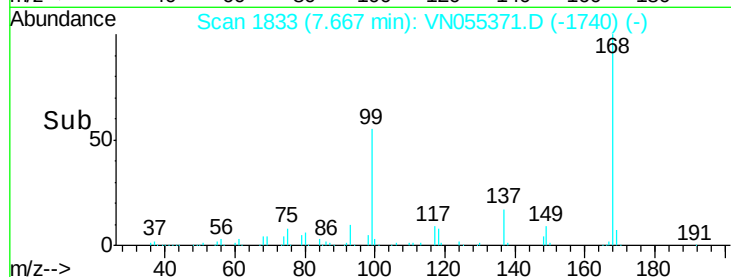
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.358 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055371.D

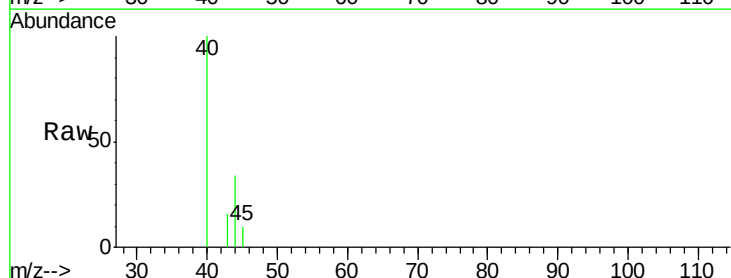
Acq: 3 May 2019 1:57

Tgt Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055371.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055371.D (-543) (-)

3.82

600

500

400

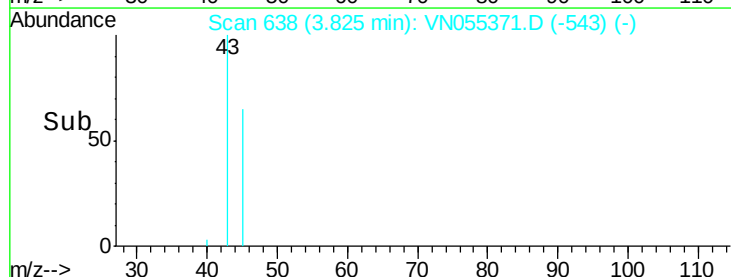
300

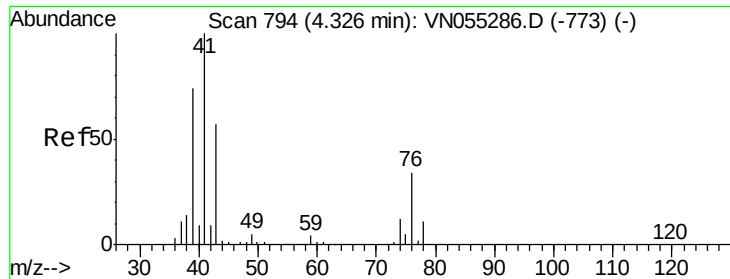
200

100

0

Time-->

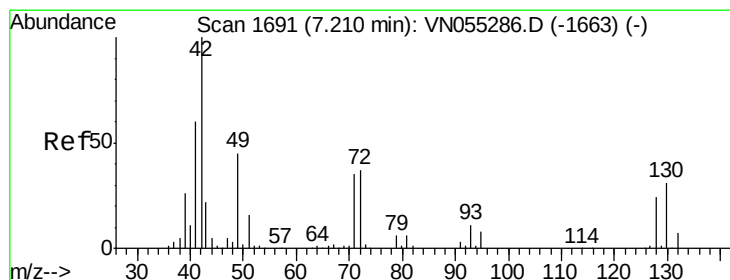
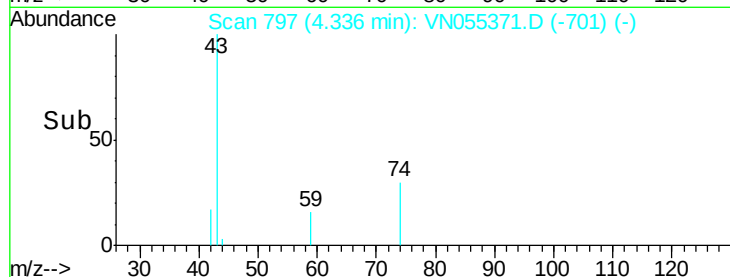
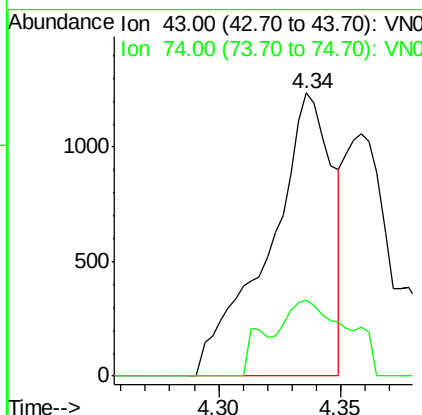
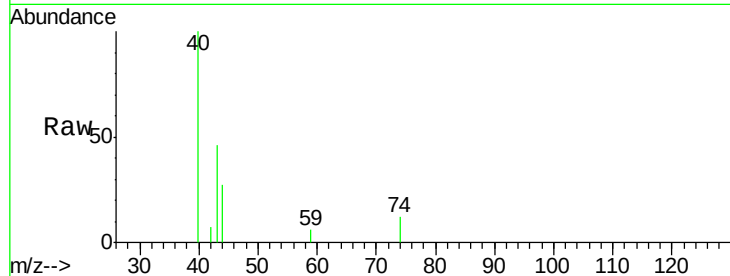




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

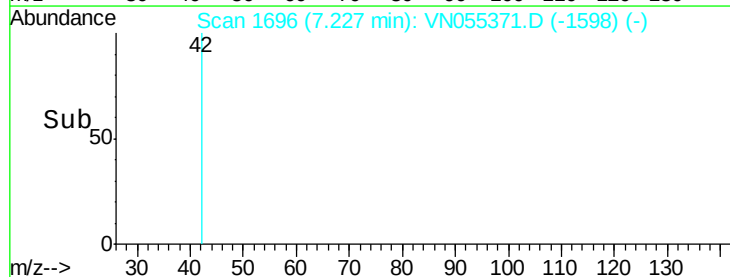
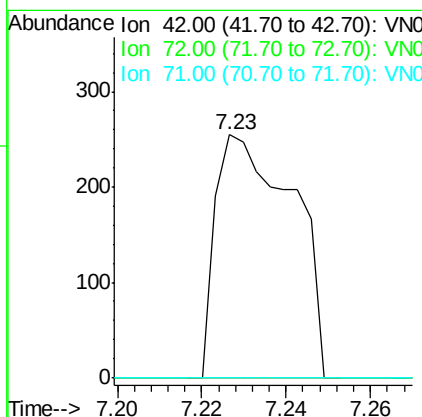
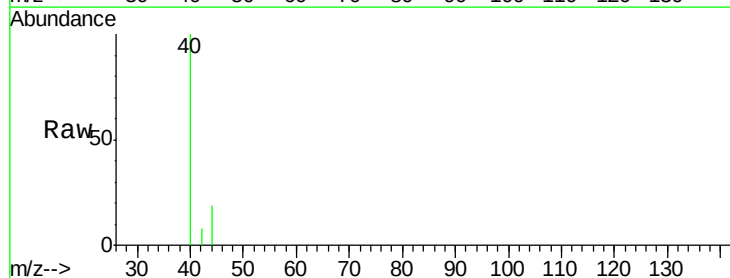
Instrument :
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EP1-SB-E2-3(17-20)

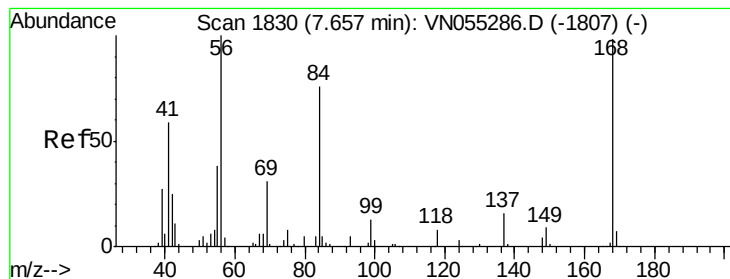
Tot Ion: 43 Resp: 2234
Ion Ratio Lower Upper
43 100
74 27.8 15.8 23.8#



#29
Tetrahydrofuran
Concen: 0.222 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 42 Resp: 322
Ion Ratio Lower Upper
42 100
72 0.0 29.0 43.6#
71 0.0 27.1 40.7#





#31

Cyclohexane

Concen: 1.583 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

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

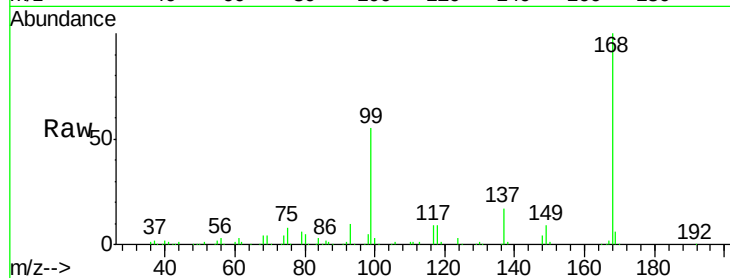
Tot Ion: 56 Resp: 14126

Ion Ratio Lower Upper

56 100

69 130.2 25.2 37.8#

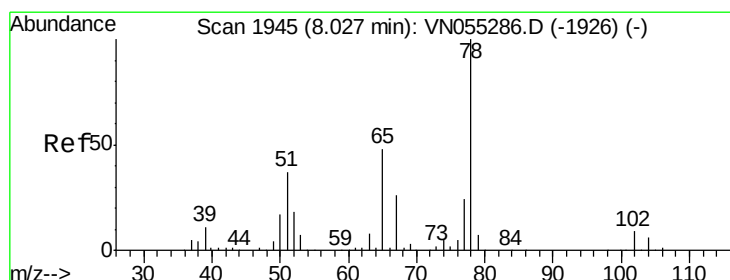
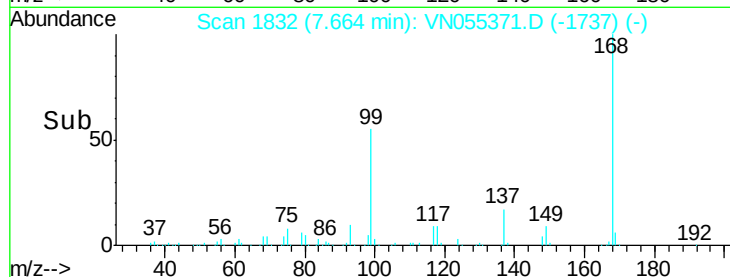
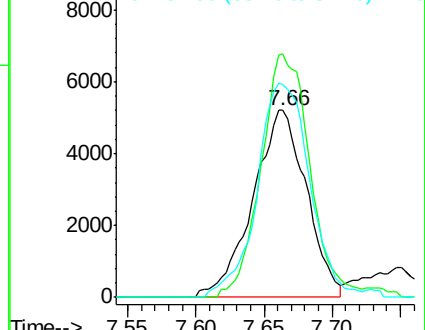
84 113.9 61.1 91.7#



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: 52.014 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055371.D

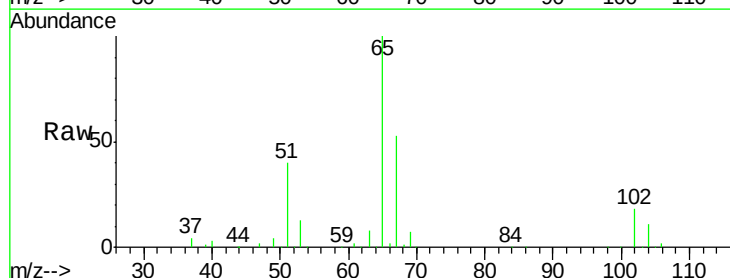
Acq: 3 May 2019 1:57

Tgt Ion: 65 Resp: 295150

Ion Ratio Lower Upper

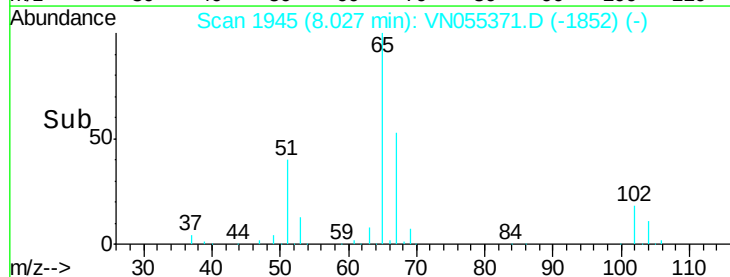
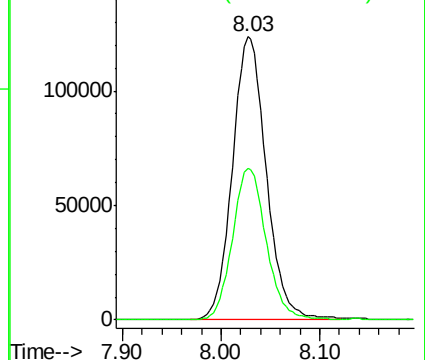
65 100

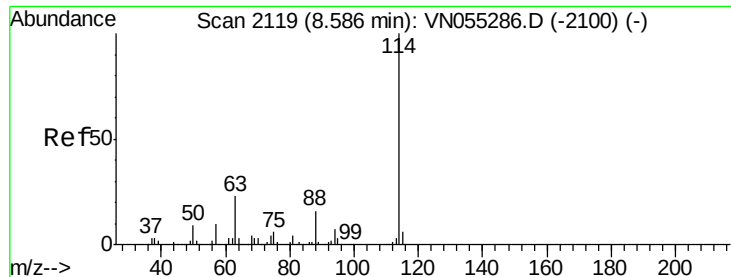
67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

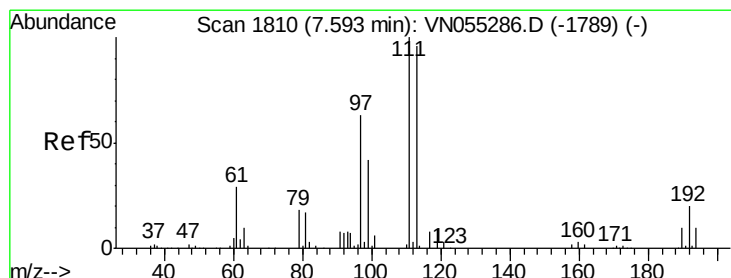
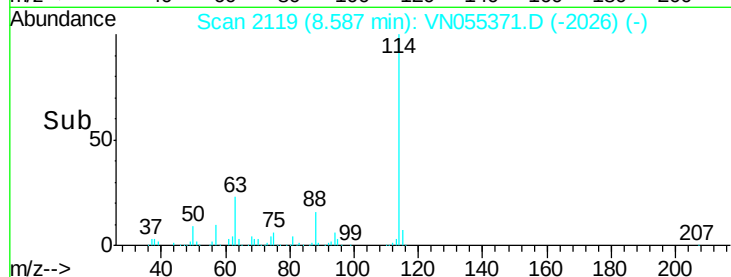
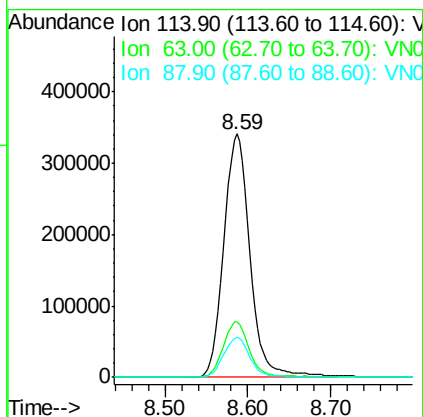
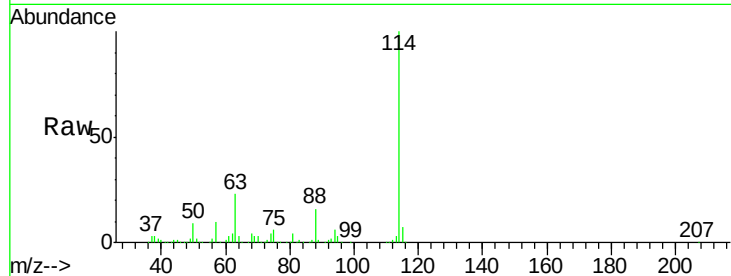




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055371.D
 Acq: 3 May 2019 1:57

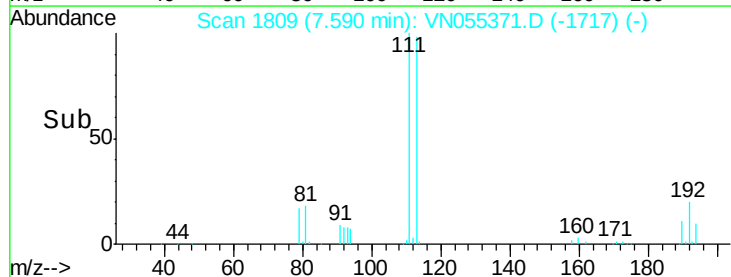
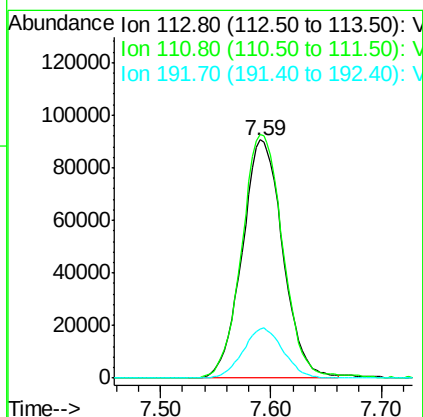
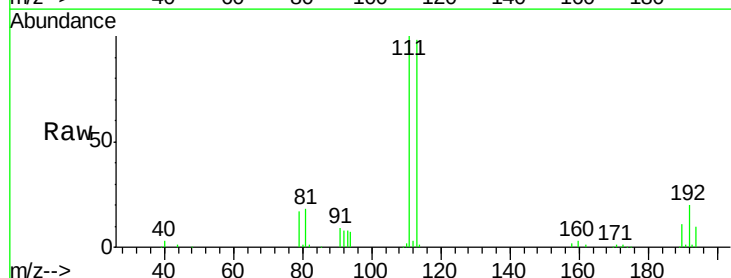
Instrument :
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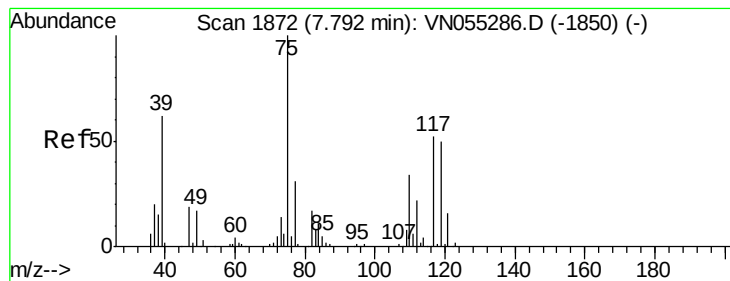
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.2
88	16.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 46.911 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055371.D
 Acq: 3 May 2019 1:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.3	123.5
192	20.9	17.0	25.6





#36

1,1-Dichloropropene

Concen: 4.798 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

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

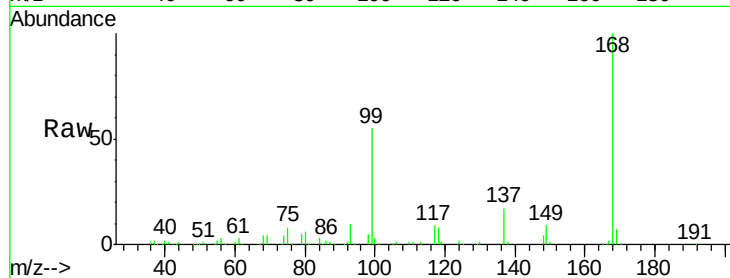
Tot Ion: 75 Resp: 34485

Ion Ratio Lower Upper

75 100

110 6.8 16.8 50.4#

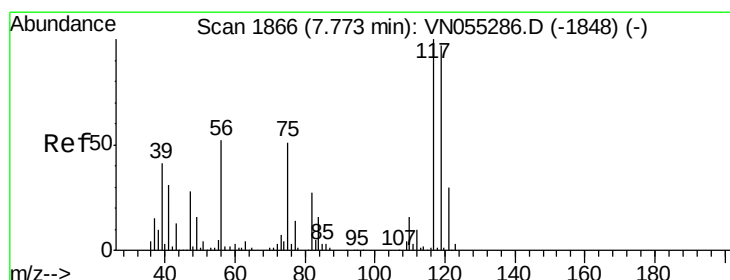
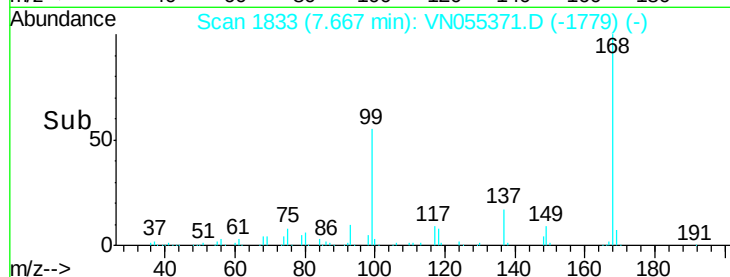
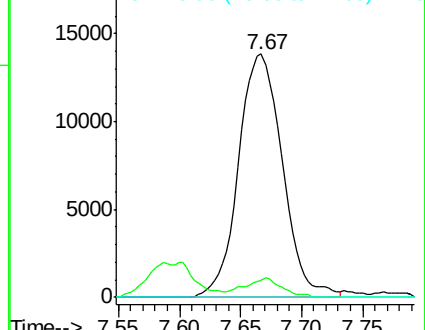
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN055286.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN055286.D (-1850) (-)



#38

Carbon Tetrachloride

Concen: 5.904 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

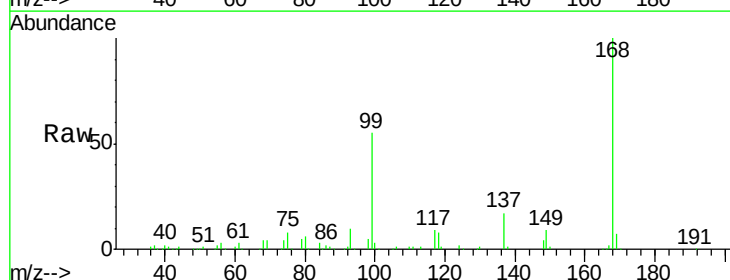
Tgt Ion: 117 Resp: 40928

Ion Ratio Lower Upper

117 100

119 5.4 77.0 115.6#

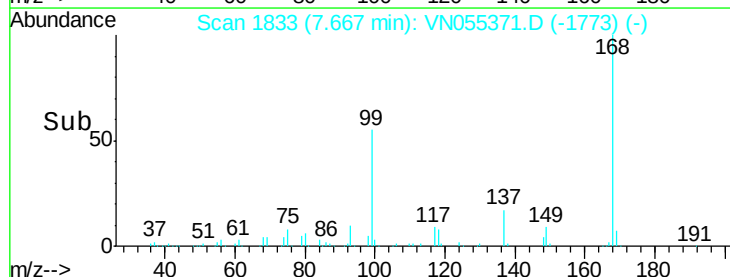
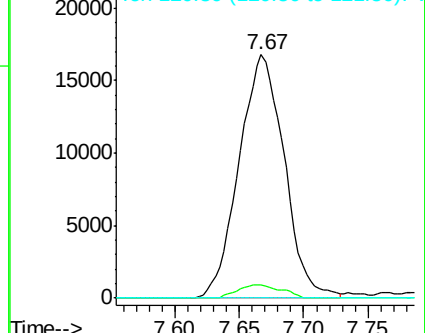
121 0.0 23.8 35.8#

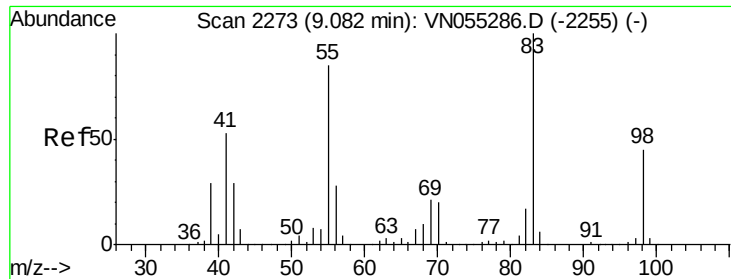


Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN055286.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN055286.D (-1848) (-)

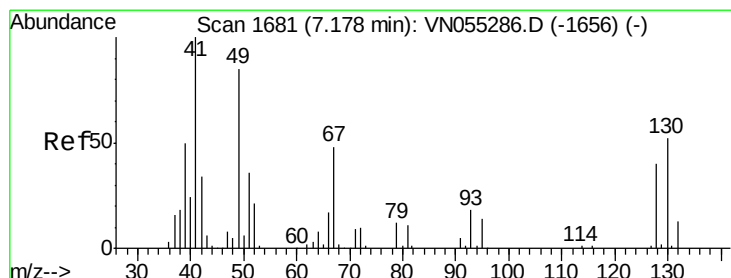
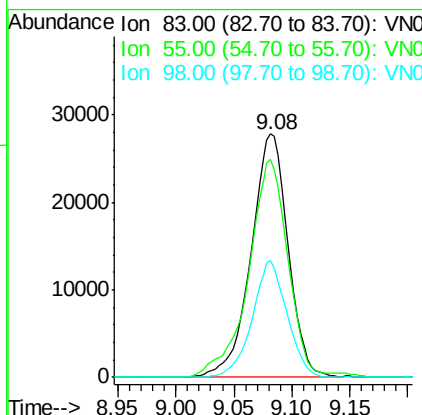
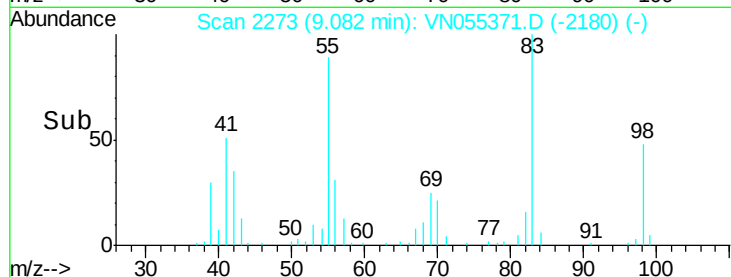
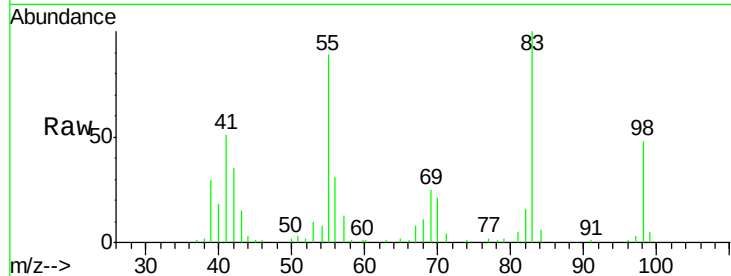




#39
Methylvlcyclohexane
Concen: 8.103 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

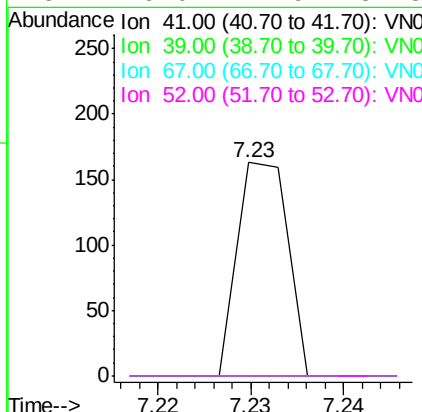
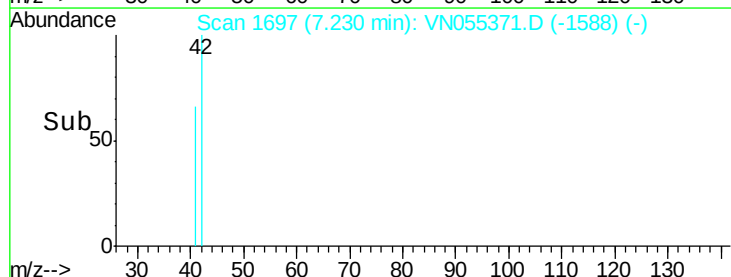
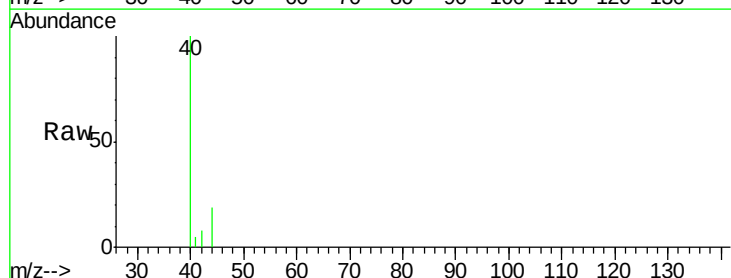
Instrument :
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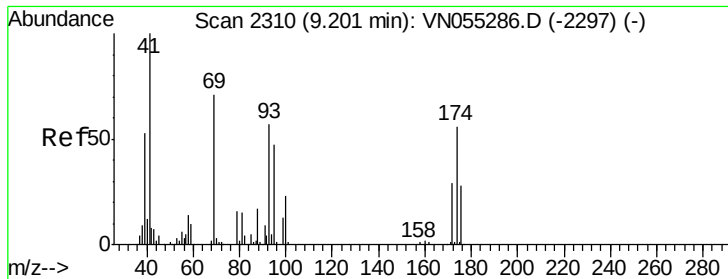
Tot Ion: 83 Resp: 61916
Ion Ratio Lower Upper
83 100
55 89.3 67.8 101.6
98 48.2 36.2 54.4



#41
Methacrylonitrile
Concen: 0.760 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.05 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 51.6 48.5 72.7
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#

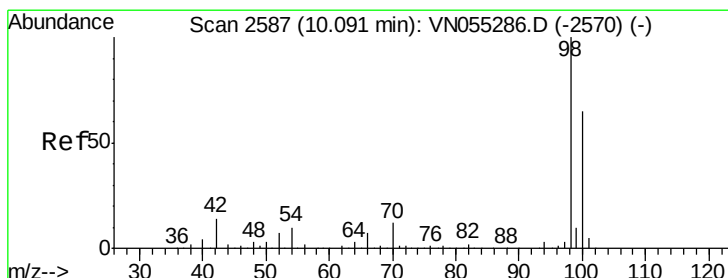
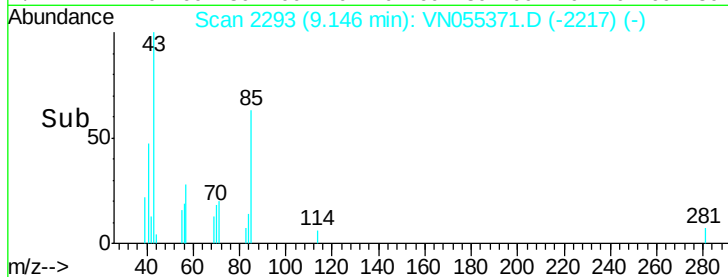
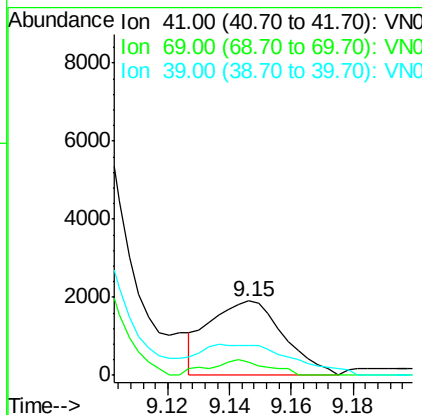
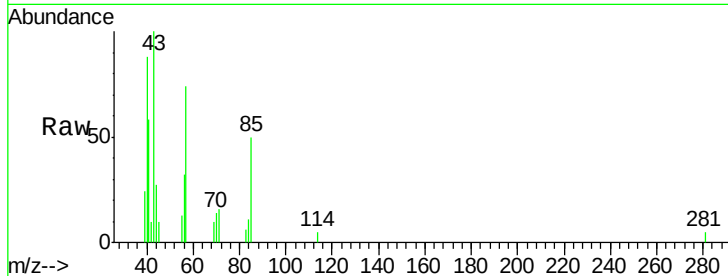




#48
Methvl methacrylate
Concen: 0.731 ug/l
RT: 9.15 min Scan# 2293
Delta R.T. -0.05 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

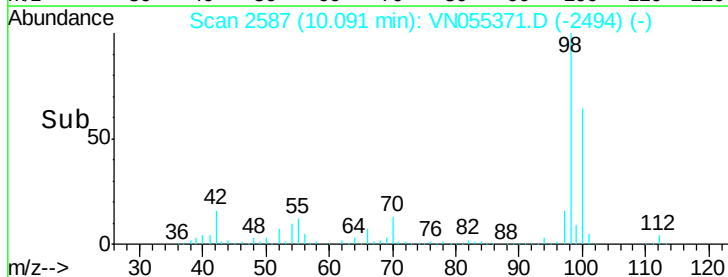
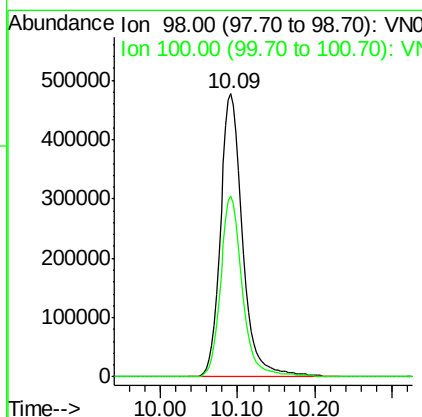
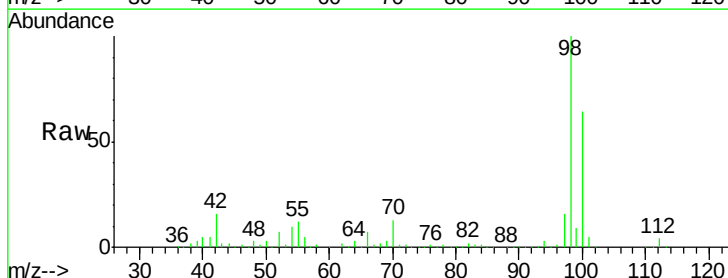
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)

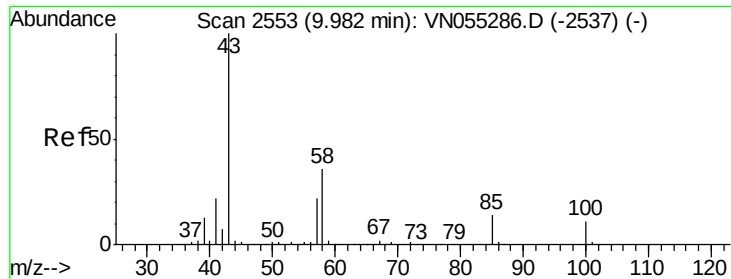
Tot Ion: 41 Resp: 3183
Ion Ratio Lower Upper
41 100
69 16.1 58.6 87.8#
39 53.5 43.8 65.6



#50
Toluene-d8
Concen: 53.801 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 98 Resp: 956737
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 3.180 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

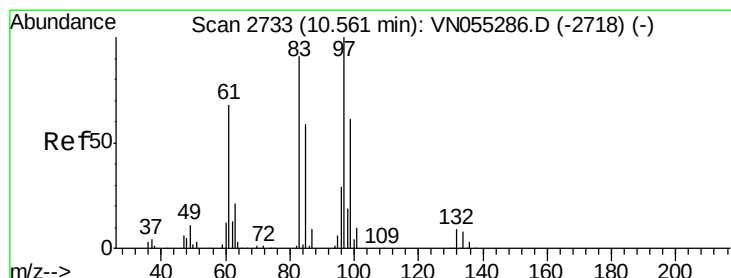
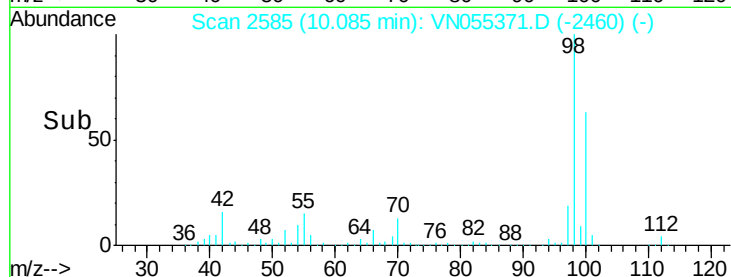
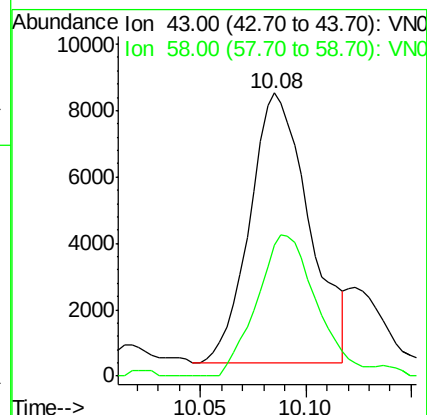
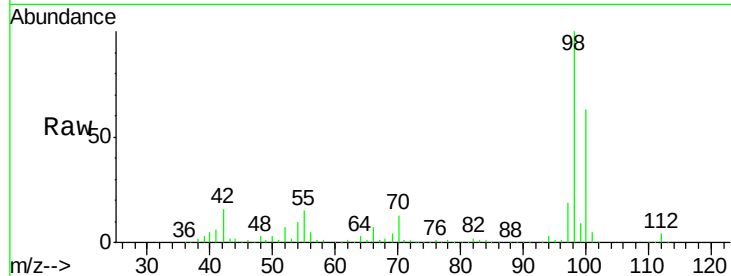
EP1-SB-E2-3(17-20)

Tot Ion: 43 Resp: 15846

Ion Ratio Lower Upper

43 100

58 52.7 28.5 42.7#



#55

1,1,2-Trichloroethane

Concen: 11.239 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Tgt Ion: 97 Resp: 50733

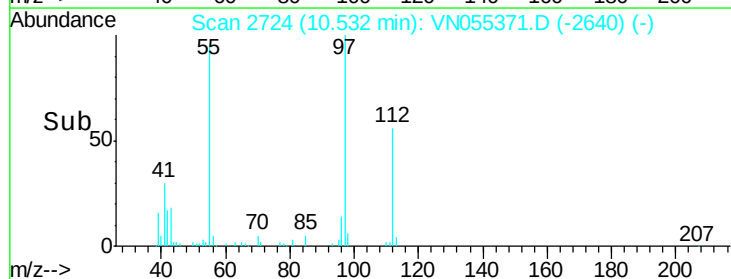
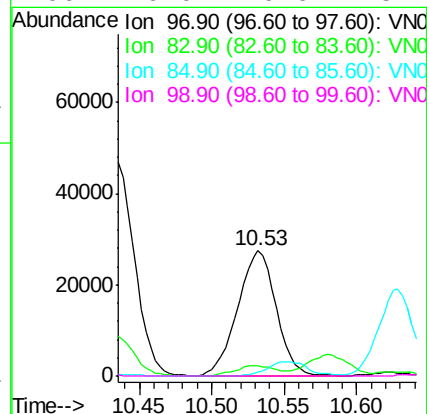
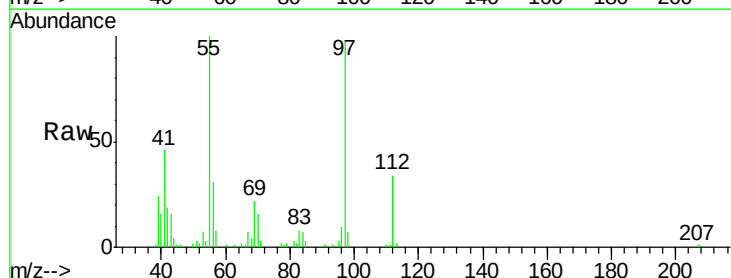
Ion Ratio Lower Upper

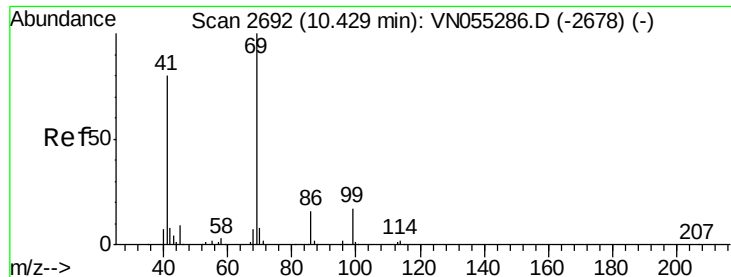
97 100

83 7.8 72.8 109.2#

85 2.7 47.0 70.6#

99 0.0 49.0 73.4#

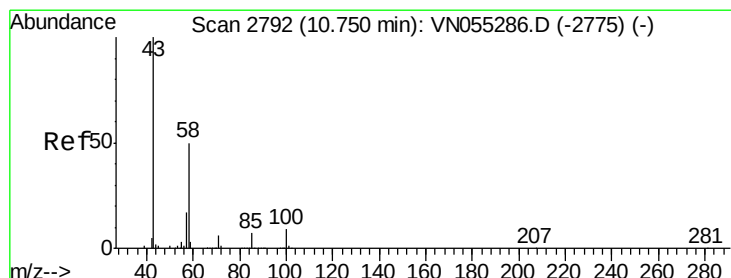
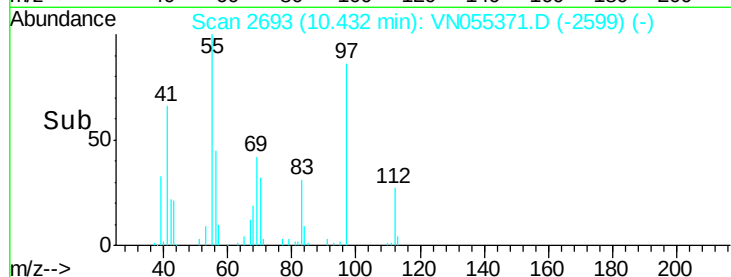
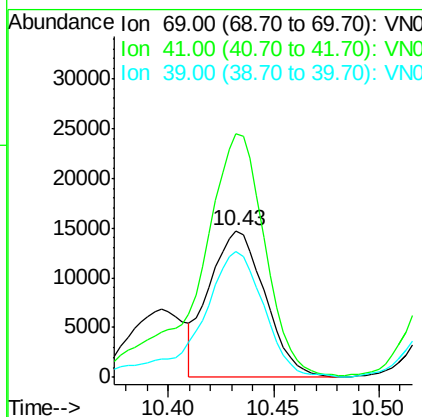
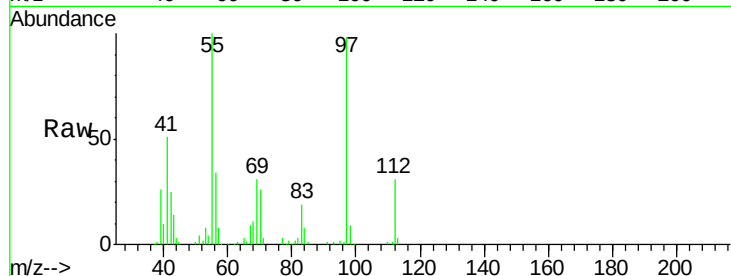




#56
Ethyl methacrylate
Concen: 4.868 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

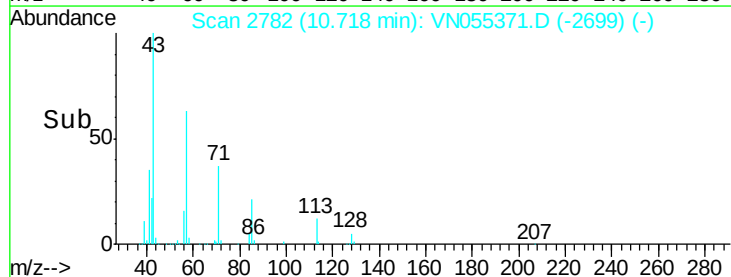
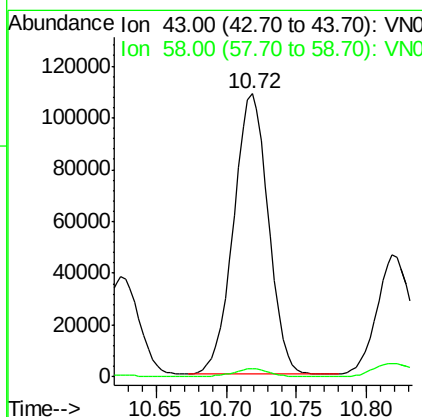
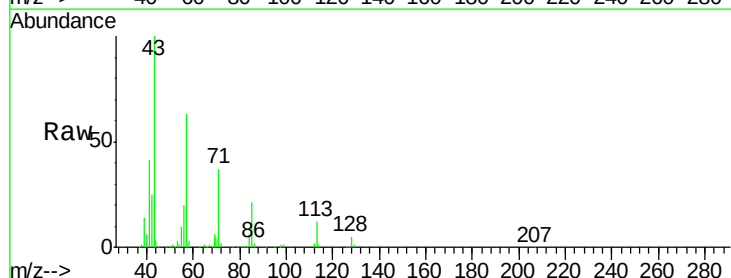
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)

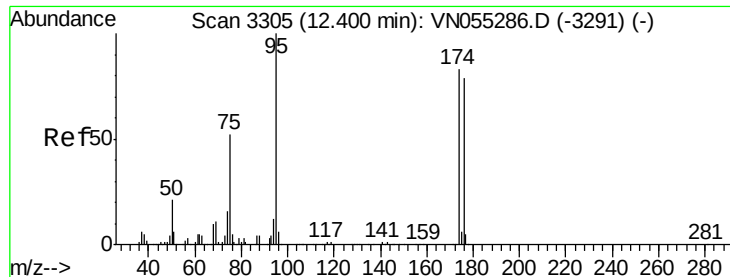
Tot Ion: 69 Resp: 27048
Ion Ratio Lower Upper
69 100
41 191.5 62.7 94.1#
39 101.7 32.0 48.0#



#59
2-Hexanone
Concen: 60.094 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 43 Resp: 187387
Ion Ratio Lower Upper
43 100
58 3.2 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 85.514 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

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

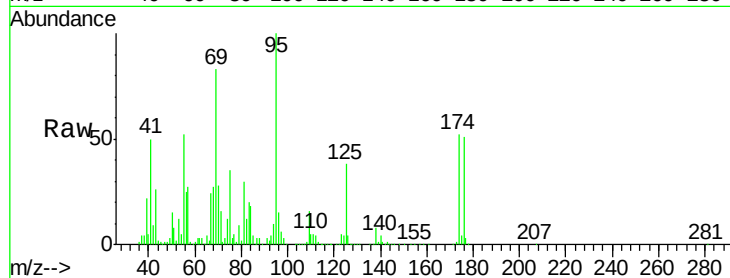
Tot Ion: 95 Resp: 475267

Ion Ratio Lower Upper

95 100

174 55.4 0.0 166.6

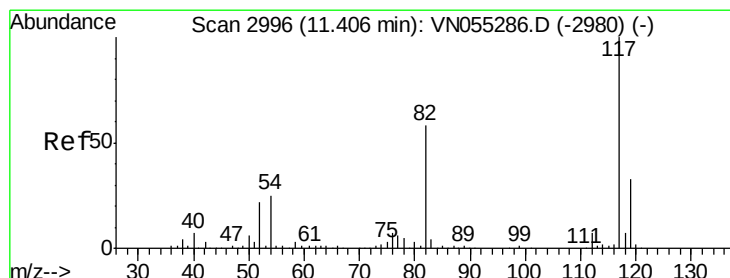
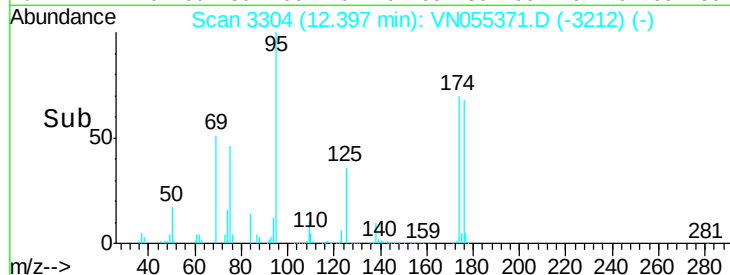
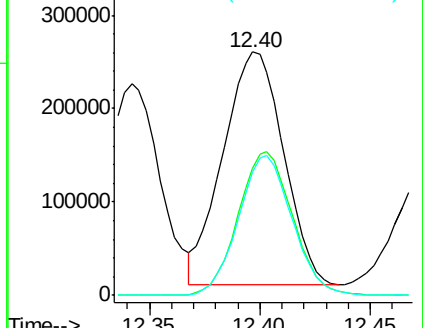
176 53.5 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

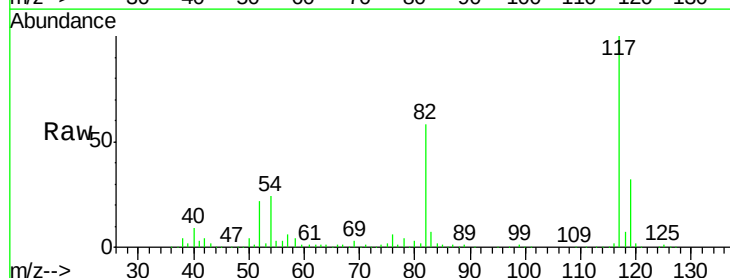
Tgt Ion: 117 Resp: 691813

Ion Ratio Lower Upper

117 100

82 54.6 46.2 69.4

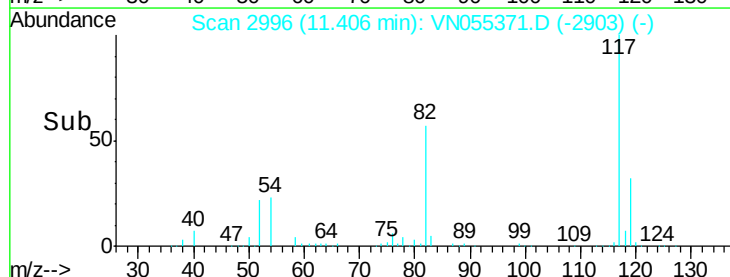
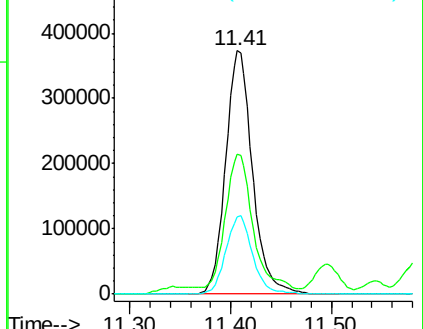
119 31.8 26.6 40.0

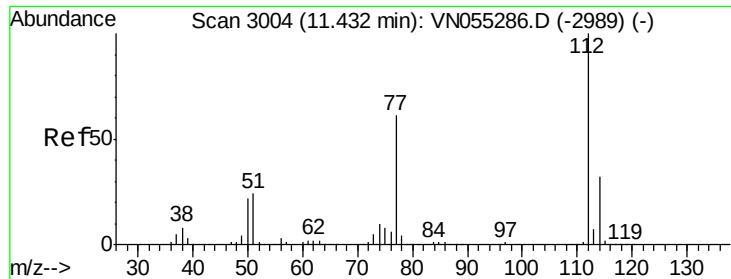


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

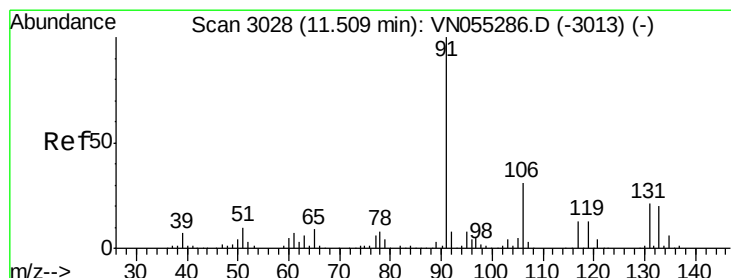
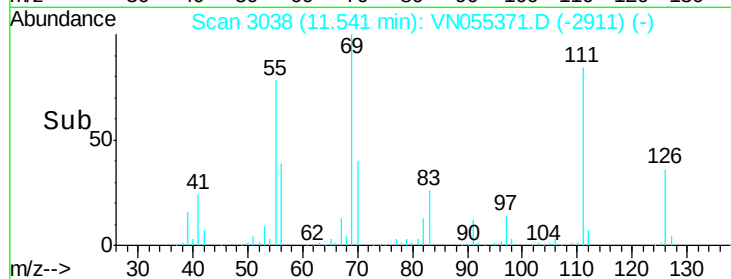
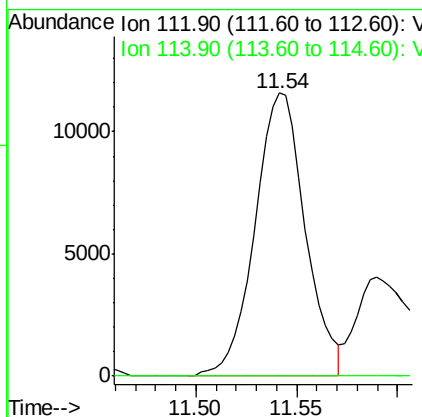
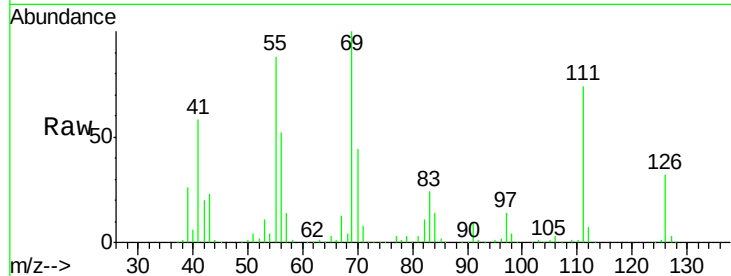




#65
Chlorobenzene
Concen: 1.487 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

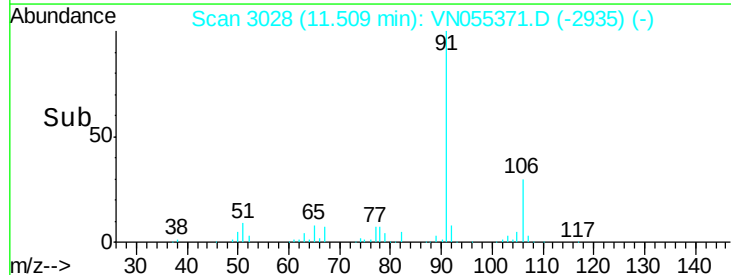
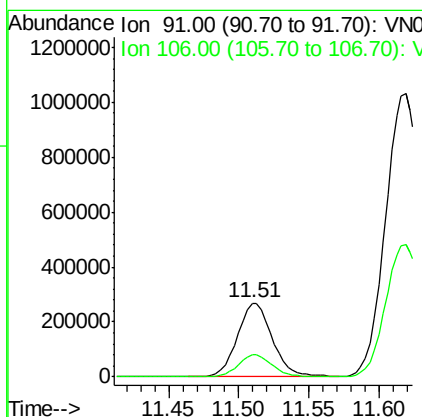
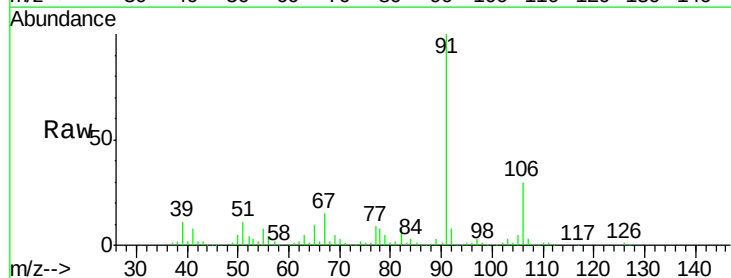
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)

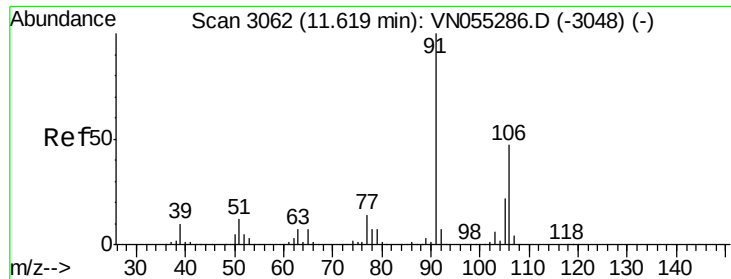
Tot Ion:112 Resp: 20119
Ion Ratio Lower Upper
112 100
114 0.0 25.3 37.9#



#67
Ethyl Benzene
Concen: 19.114 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 91 Resp: 466858
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

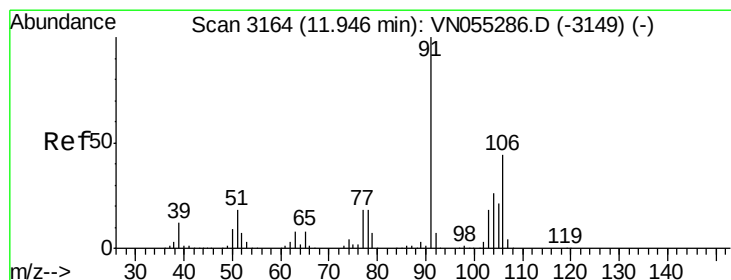
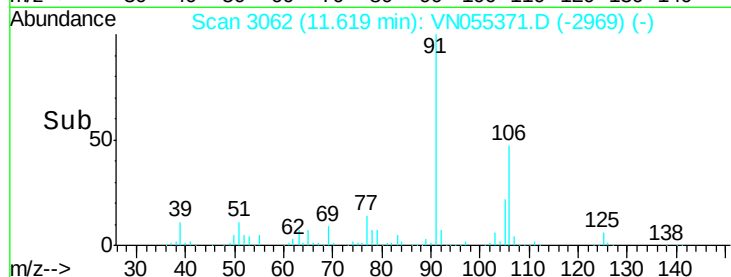
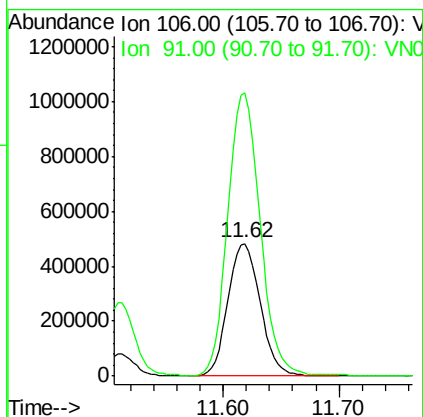
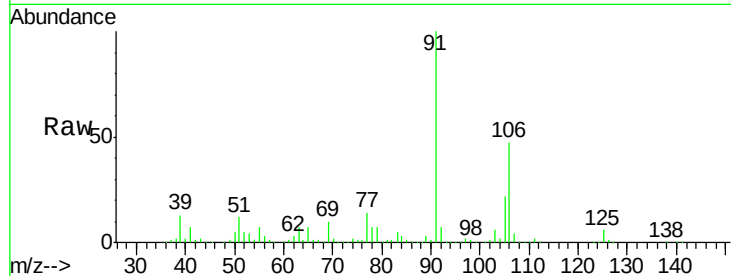




#68
m/p-Xylenes
Concen: 106.746 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

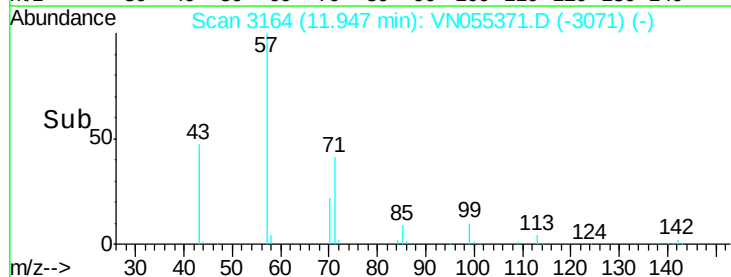
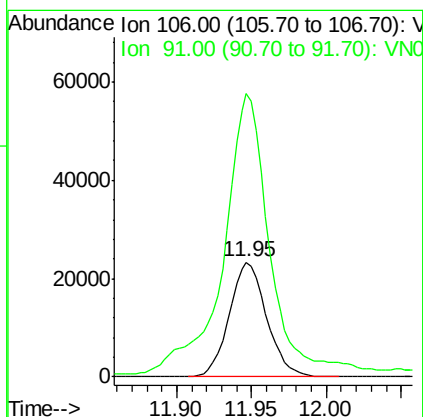
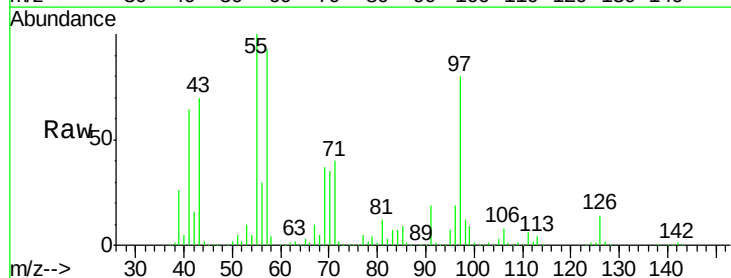
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)

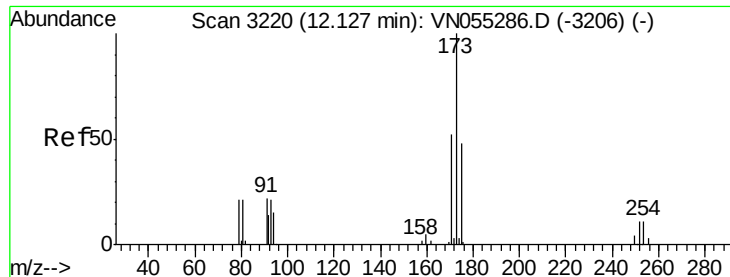
Tot Ion:106 Resp: 930650
Ion Ratio Lower Upper
106 100
91 212.8 169.5 254.3



#69
o-Xylene
Concen: 4.684 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion:106 Resp: 40476
Ion Ratio Lower Upper
106 100
91 304.1 111.5 334.5





#71

Bromoform

Concen: 0.394 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

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

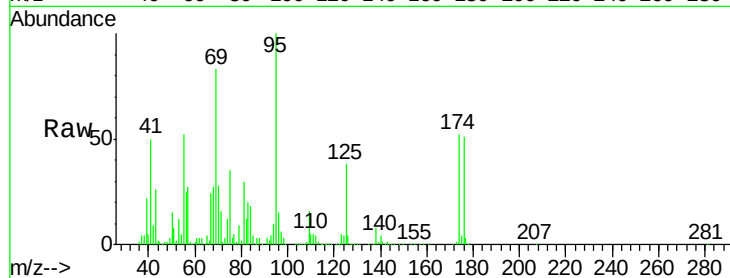
Tot Ion:173 Resp: 1157

Ion Ratio Lower Upper

173 100

175 1488.2 23.6 71.0#

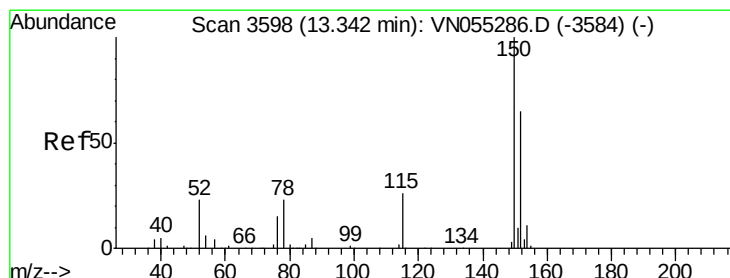
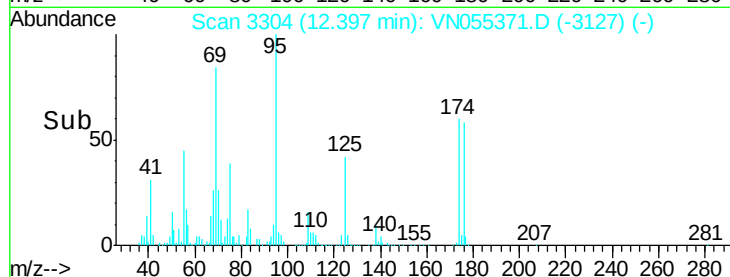
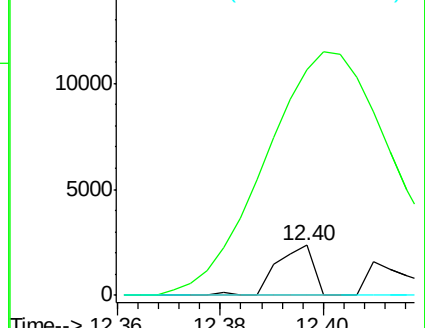
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

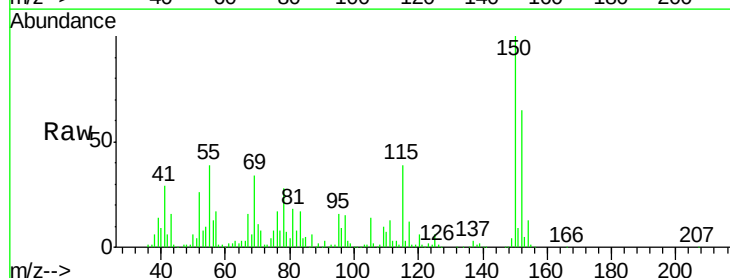
Tgt Ion:152 Resp: 306405

Ion Ratio Lower Upper

152 100

115 48.6 29.0 87.0

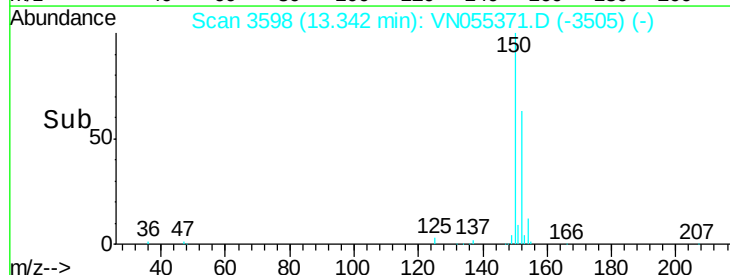
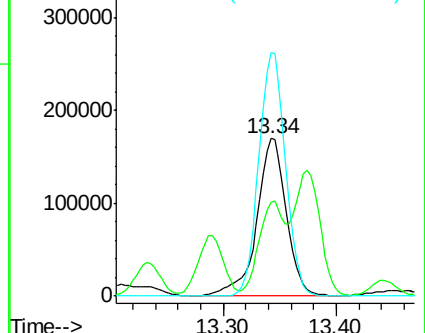
150 140.3 0.0 345.6

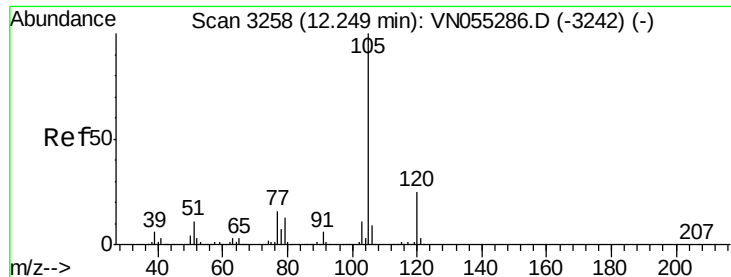


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 32.037 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

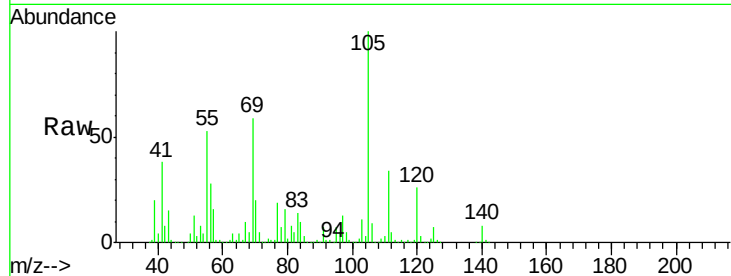
EP1-SB-E2-3(17-20)

Tot Ion:105 Resp: 808781

Ion Ratio Lower Upper

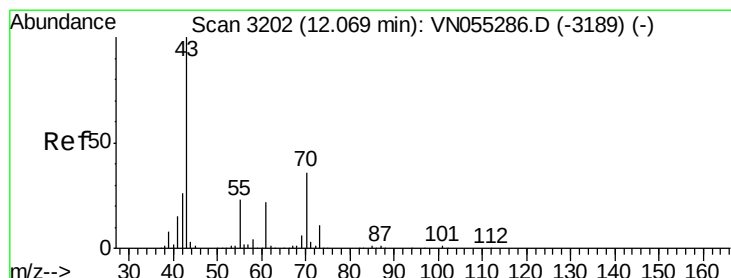
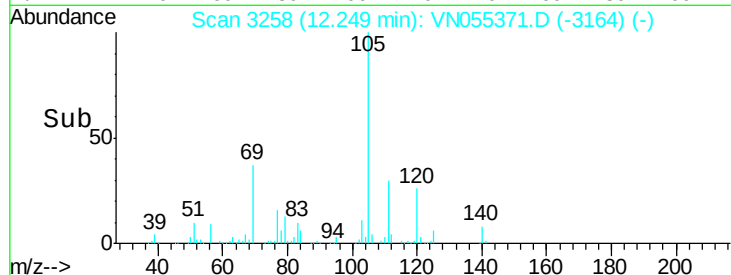
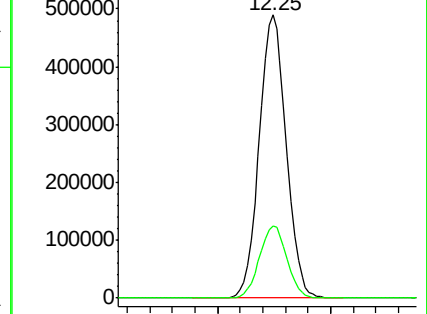
105 100

120 25.9 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-ethyl acetate

Concen: 163.936 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Tgt Ion: 43 Resp: 1289112

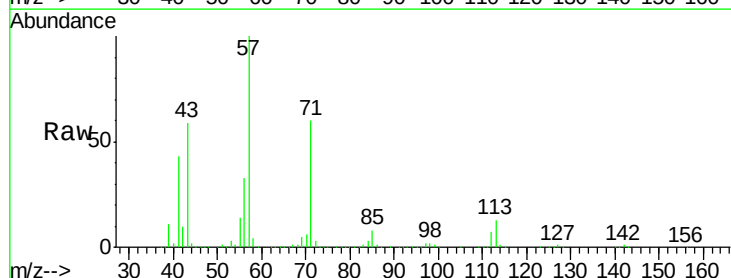
Ion Ratio Lower Upper

43 100

70 7.1 27.9 41.9#

55 0.0 18.2 27.2#

61 0.0 16.9 25.3#

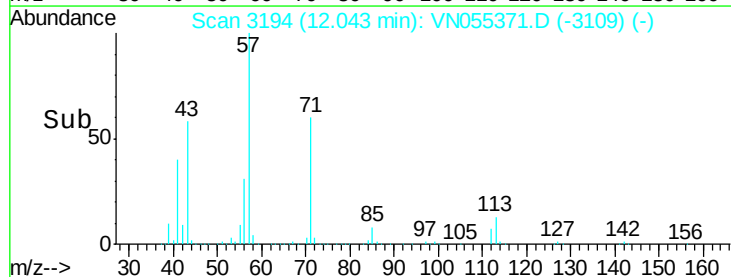
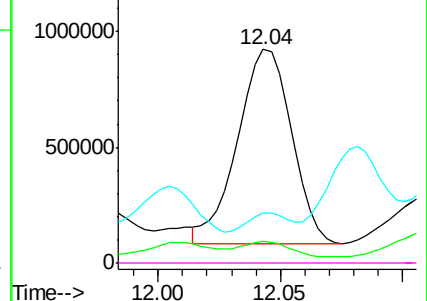


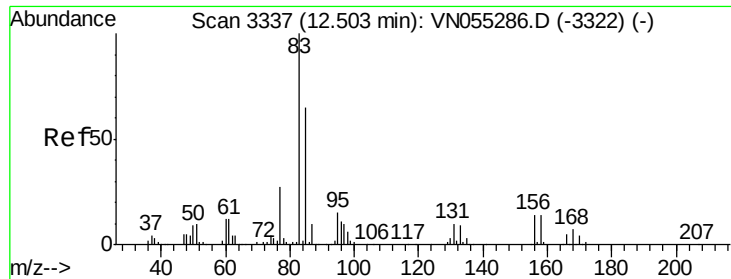
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.369 ug/l

RT: 12.47 min Scan# 3326

Delta R.T. -0.03 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

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

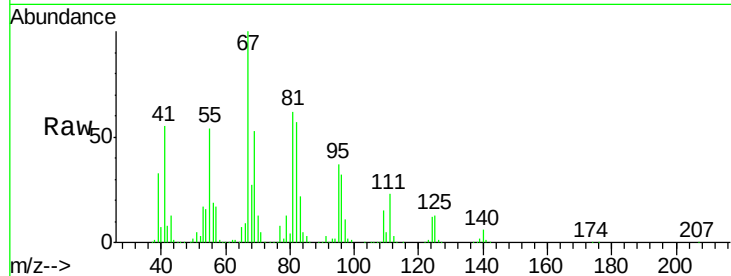
Tot Ion: 83 Resp: 129417

Ion Ratio Lower Upper

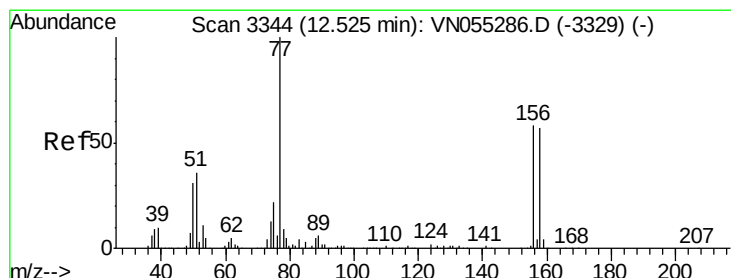
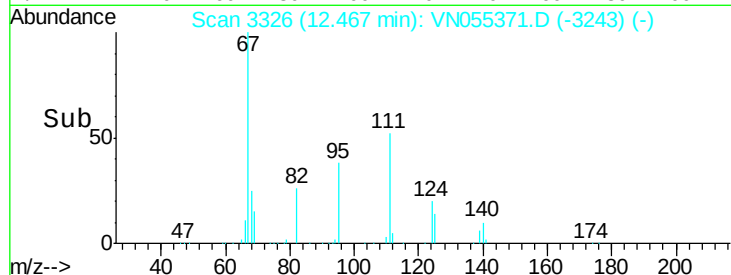
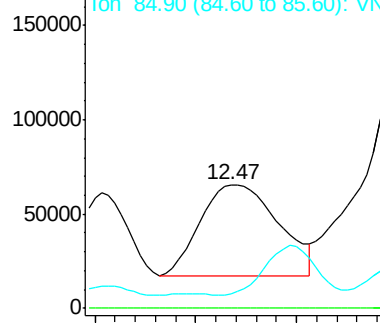
83 100

131 0.0 5.1 15.2#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN055286.D (-3322) (-)



#77

Bromobenzene

Concen: Below Cal

RT: 12.56 min Scan# 3354

Delta R.T. 0.03 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

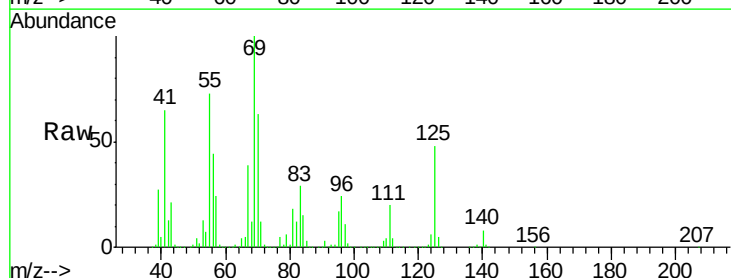
Tgt Ion: 156 Resp: 276

Ion Ratio Lower Upper

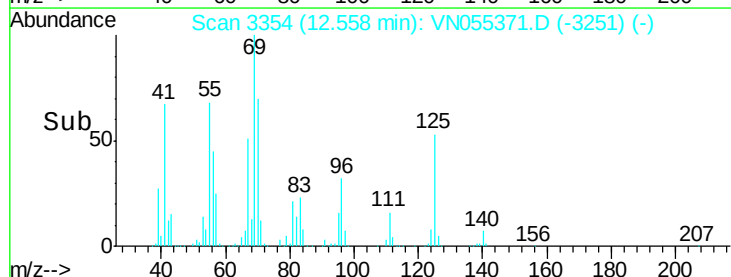
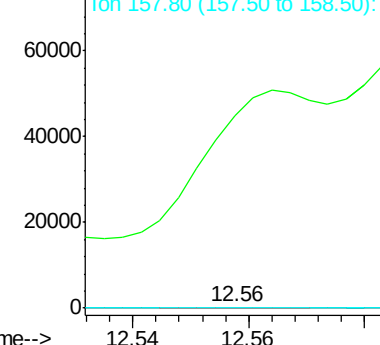
156 100

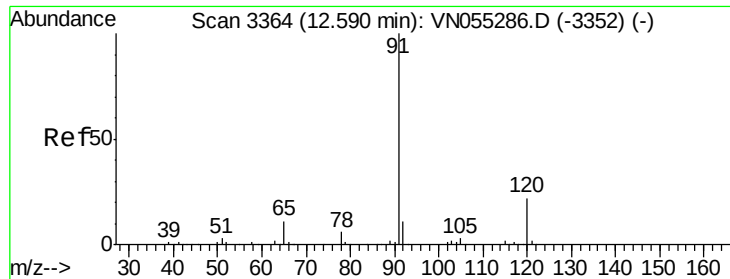
77 17128.6 99.6 298.8#

158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): VN055286.D (-3329) (-)





#78

n-propylbenzene

Concen: 73.918 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

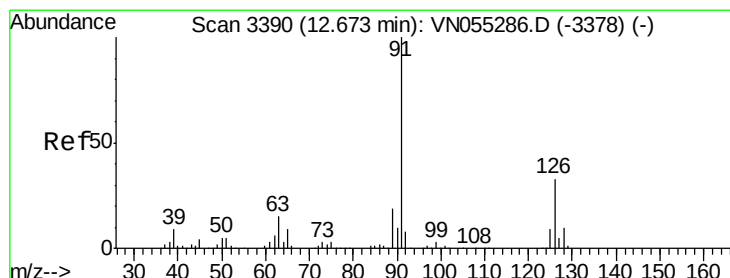
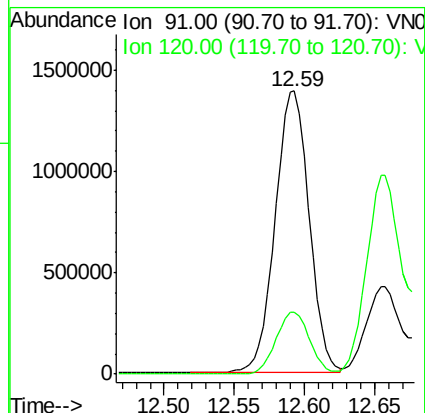
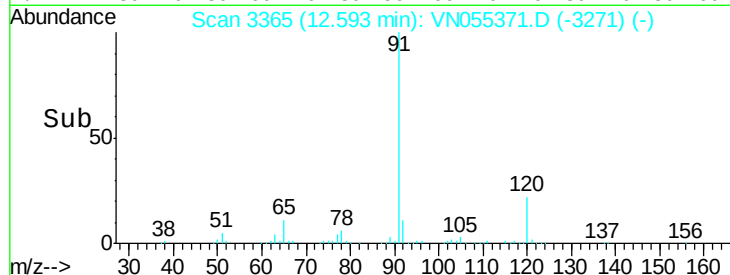
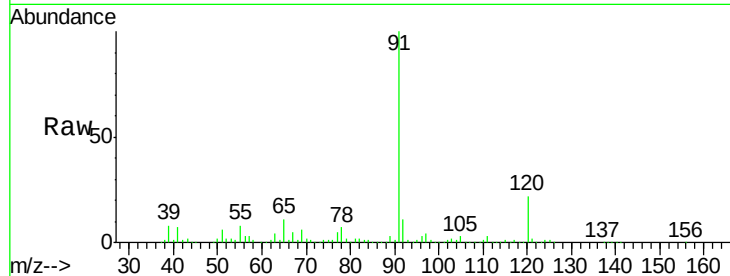
EP1-SB-E2-3(17-20)

Tot Ion: 91 Resp: 2326502

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0



#79

2-Chlorotoluene

Concen: 39.555 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055371.D

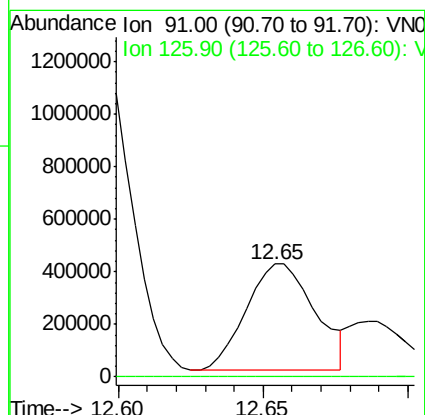
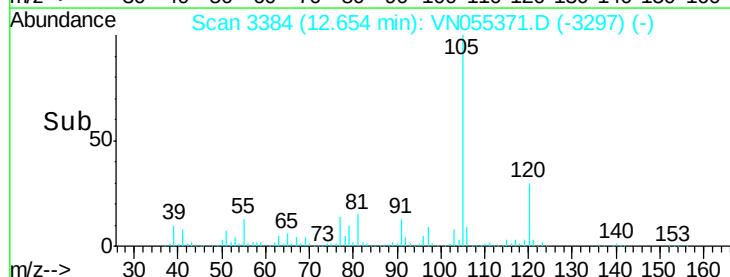
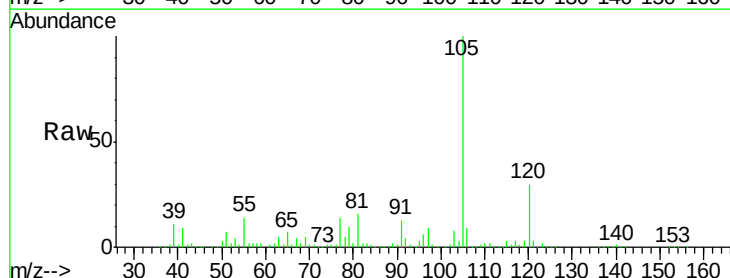
Acq: 3 May 2019 1:57

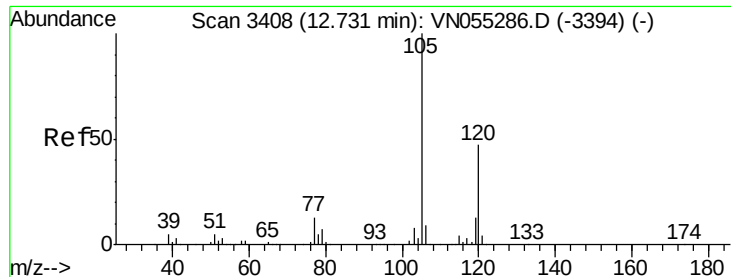
Tgt Ion: 91 Resp: 666085

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#





#80

1,3,5-Trimethylbenzene

Concen: 210.823 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

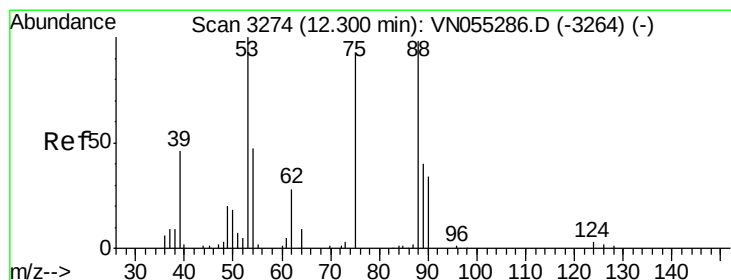
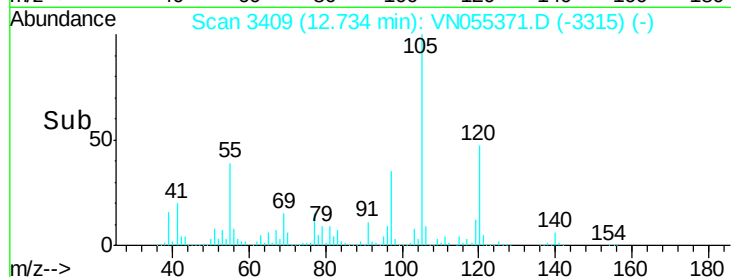
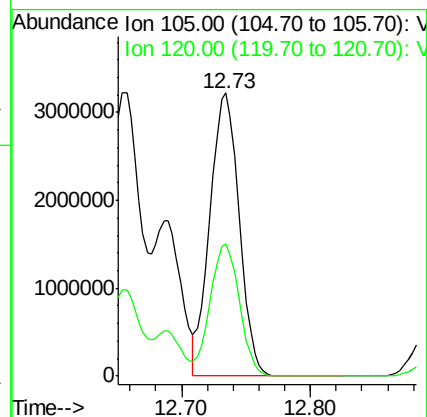
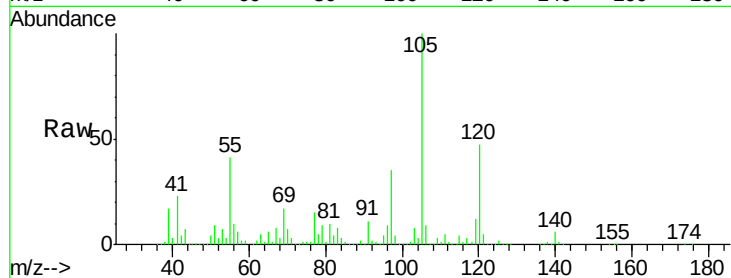
EP1-SB-E2-3(17-20)

Tot Ion:105 Resp: 5064207

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 6.046 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

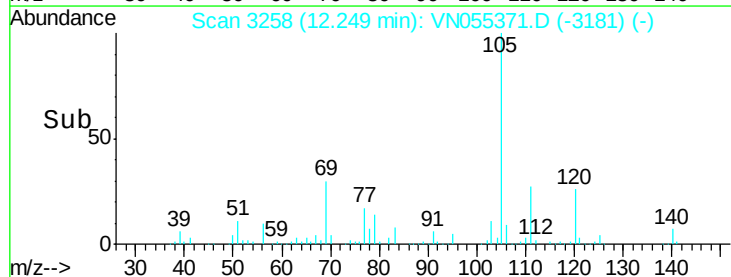
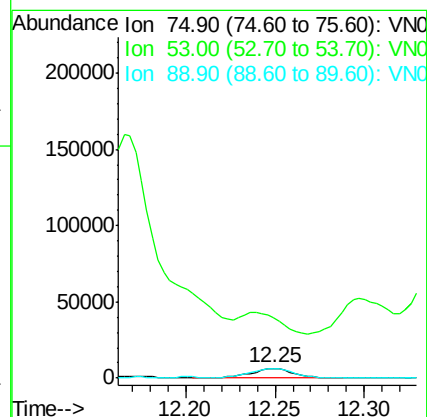
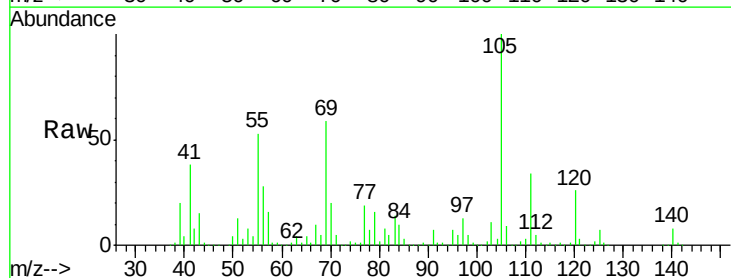
Tgt Ion: 75 Resp: 9775

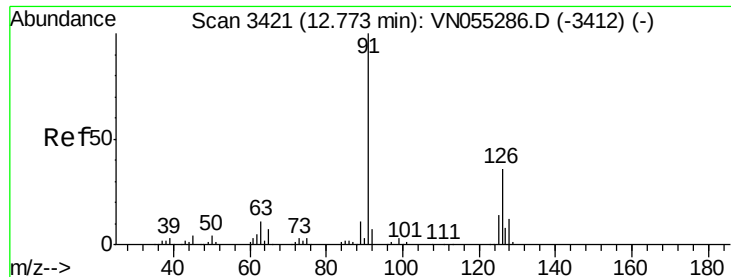
Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 105.6 34.6 51.8#

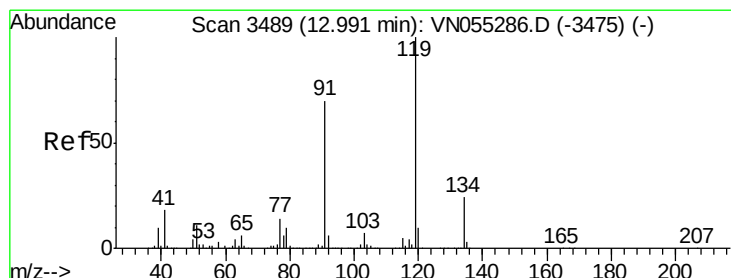
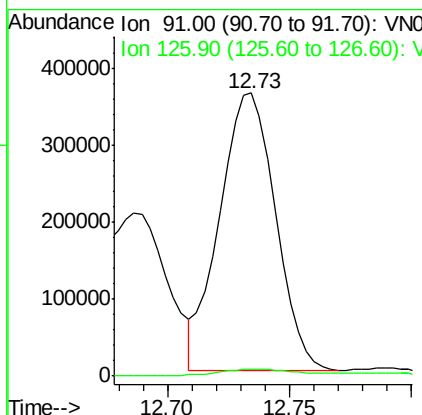
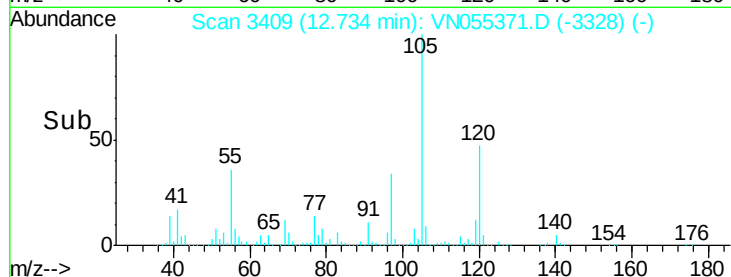
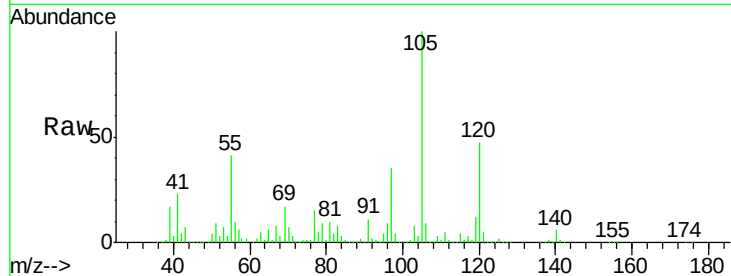




#82
4-Chlorotoluene
Concen: 31.436 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

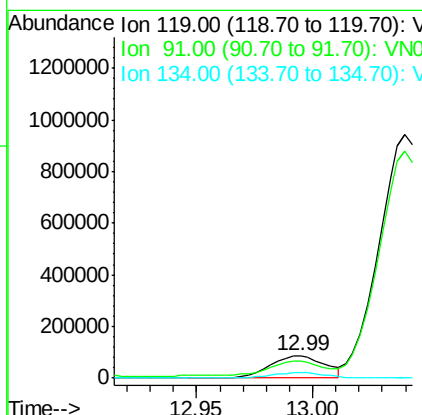
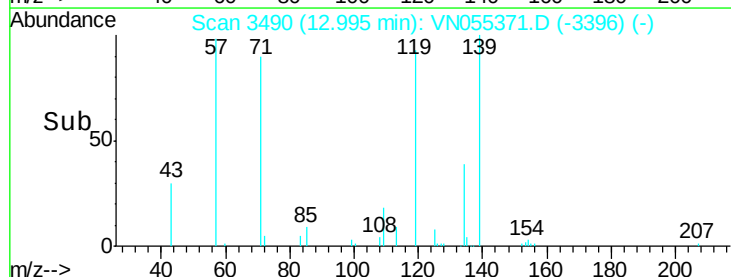
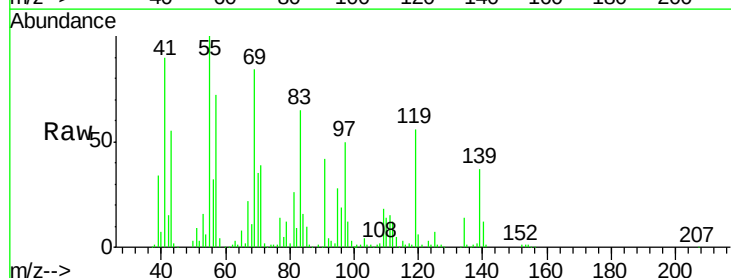
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)

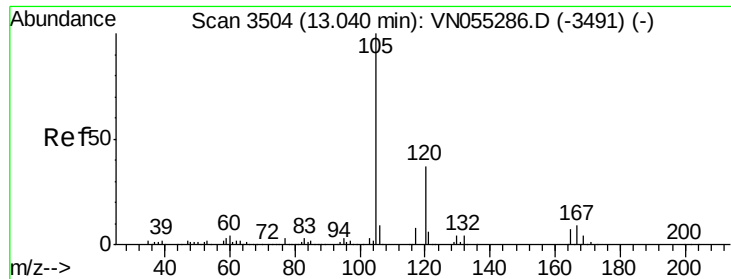
Tot Ion: 91 Resp: 575285
Ion Ratio Lower Upper
91 100
126 3.2 16.6 49.7#



#83
tert-Butylbenzene
Concen: 5.750 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 119 Resp: 141561
Ion Ratio Lower Upper
119 100
91 74.8 34.3 102.9
134 23.9 13.1 39.3





#84

1,2,4-Trimethylbenzene

Concen: 586.052 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

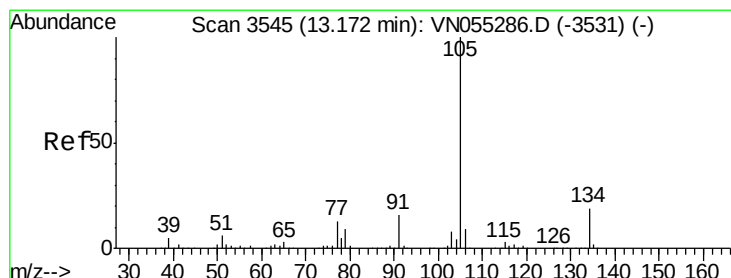
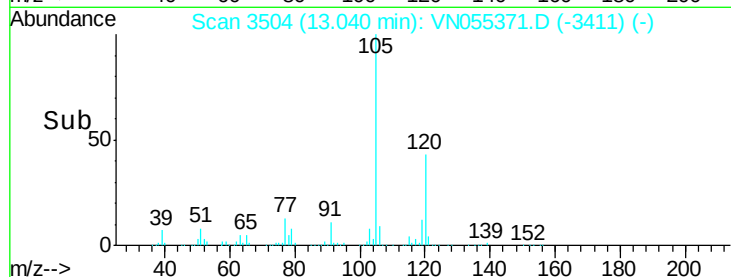
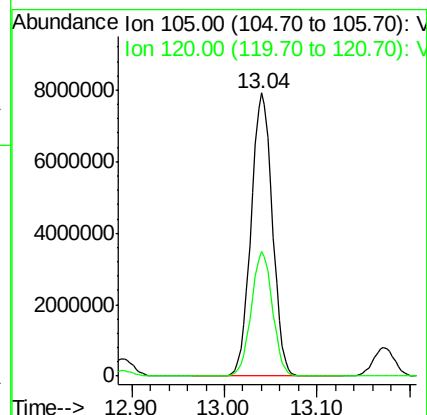
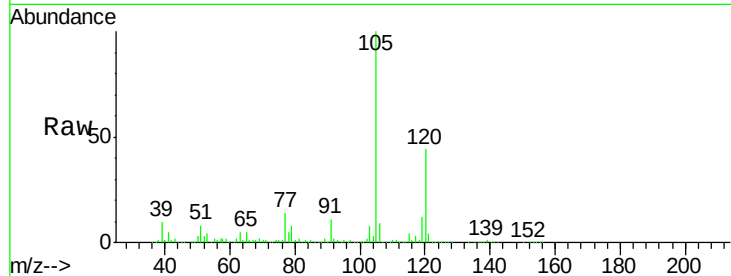
EP1-SB-E2-3(17-20)

Tot Ion:105 Resp:12590306

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.5



#85

sec-Butylbenzene

Concen: 48.906 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055371.D

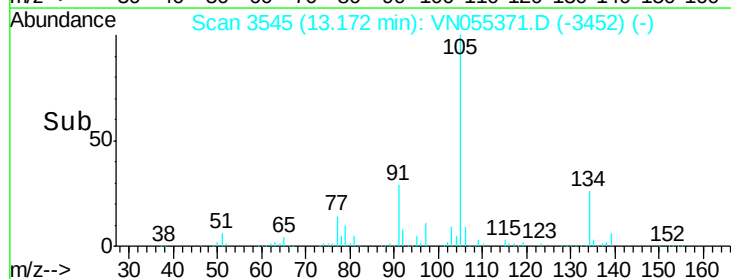
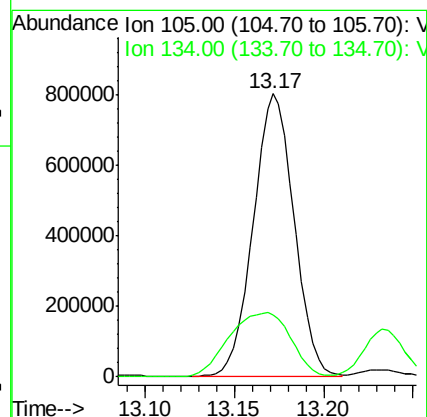
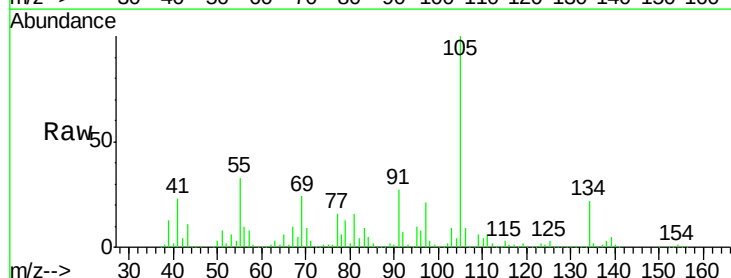
Acq: 3 May 2019 1:57

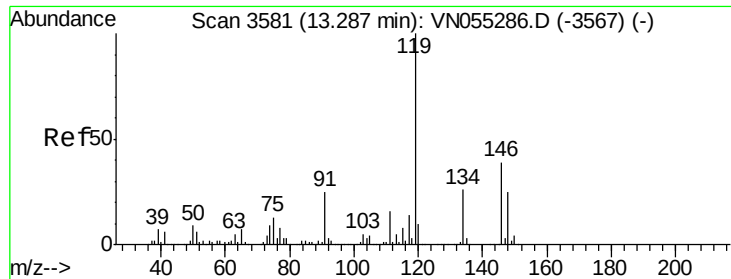
Tgt Ion:105 Resp: 1276885

Ion Ratio Lower Upper

105 100

134 34.6 9.6 28.8#

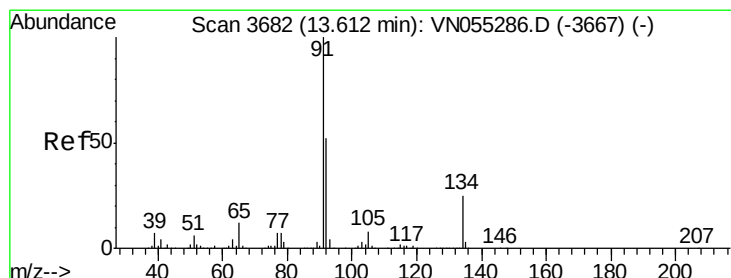
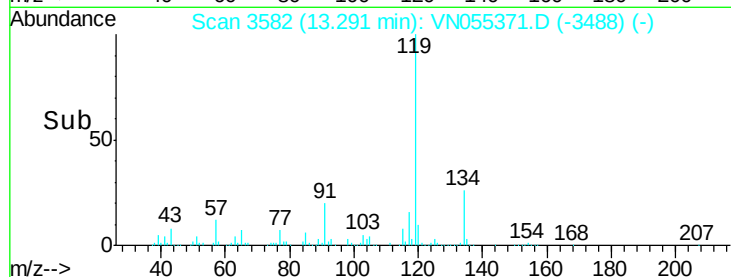
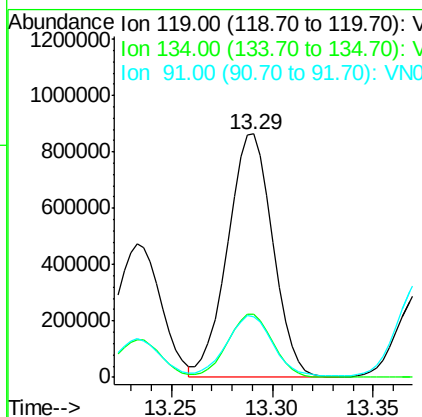
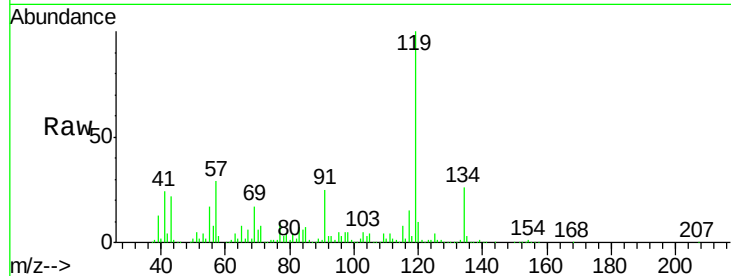




#86
p-Isopropyltoluene
Concen: 63.047 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

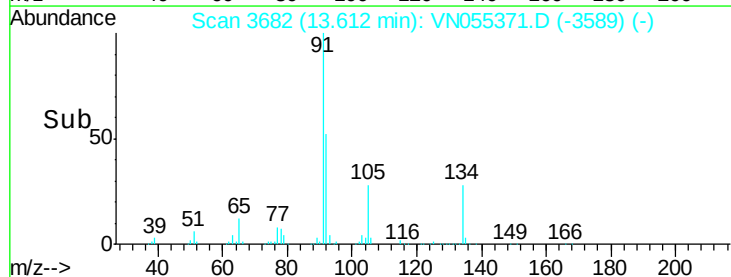
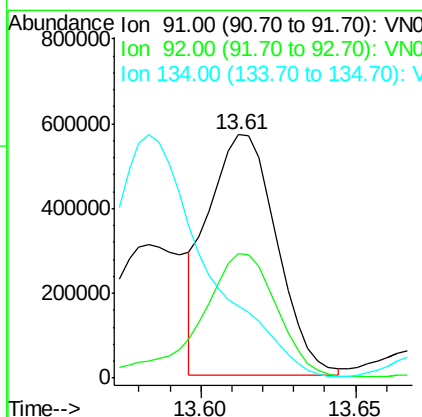
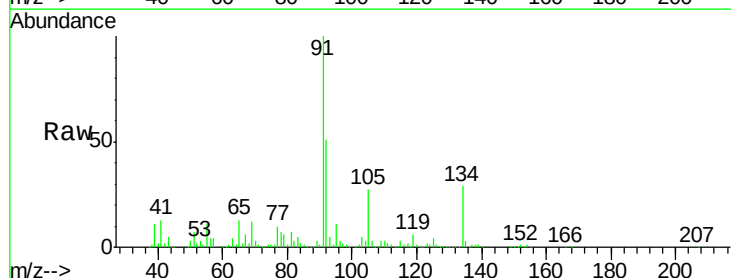
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)

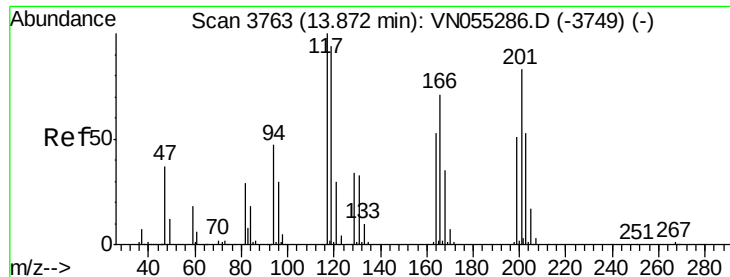
Tot Ion:119 Resp: 1352933
Ion Ratio Lower Upper
119 100
134 25.8 13.0 38.9
91 24.8 12.2 36.6



#89
n-Butylbenzene
Concen: 56.932 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055371.D
Acq: 3 May 2019 1:57

Tgt Ion: 91 Resp: 868134
Ion Ratio Lower Upper
91 100
92 58.4 26.1 78.3
134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 41.814 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

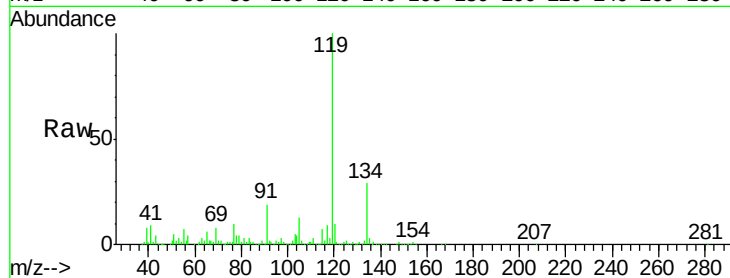
EP1-SB-E2-3(17-20)

Tot Ion:117 Resp: 142951

Ion Ratio Lower Upper

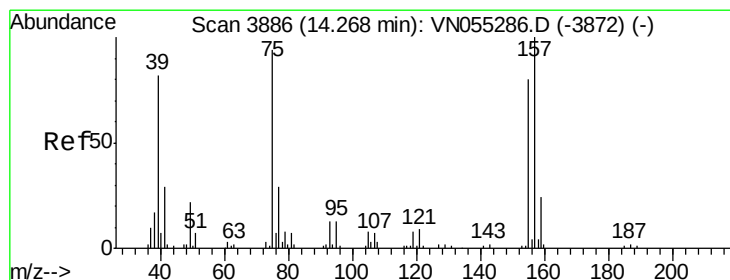
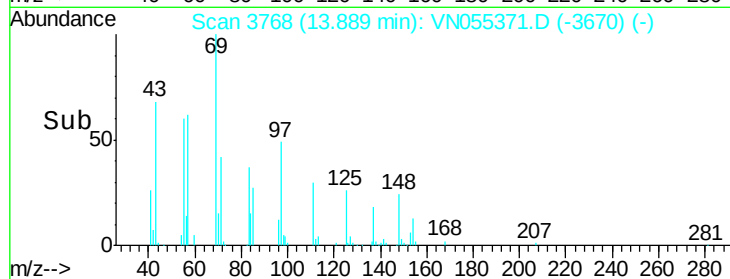
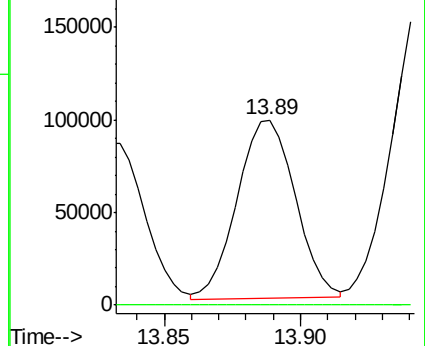
117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.974 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

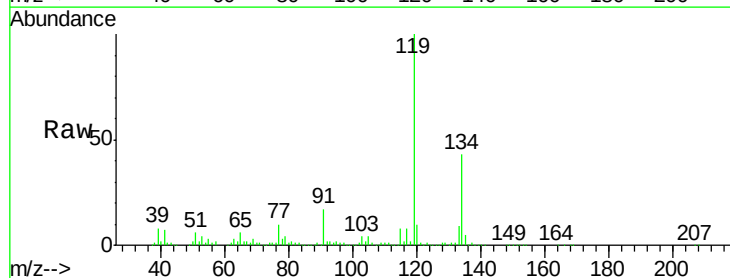
Tgt Ion: 75 Resp: 6428

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

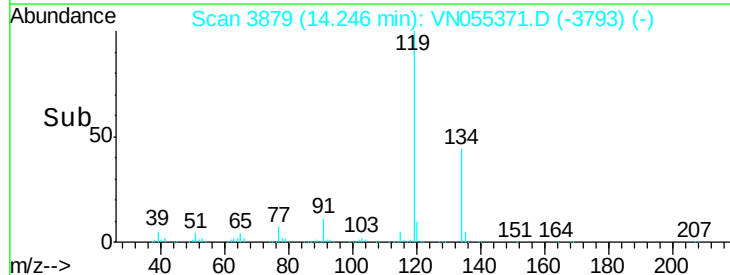
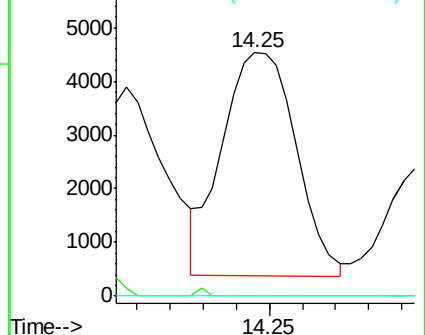
157 0.0 54.0 162.2#

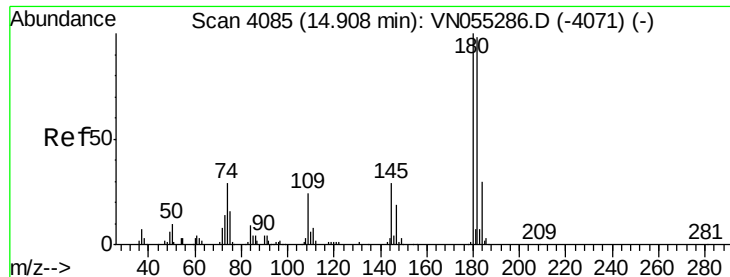


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

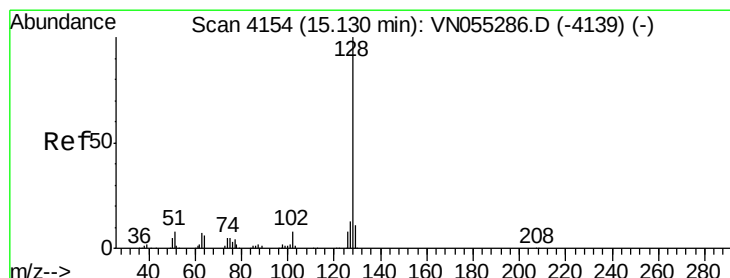
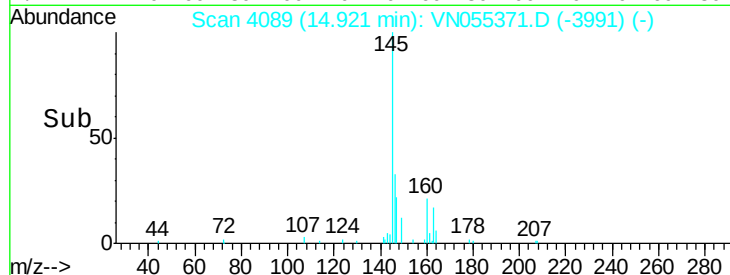
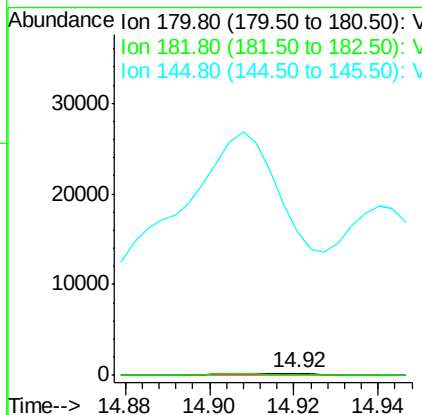
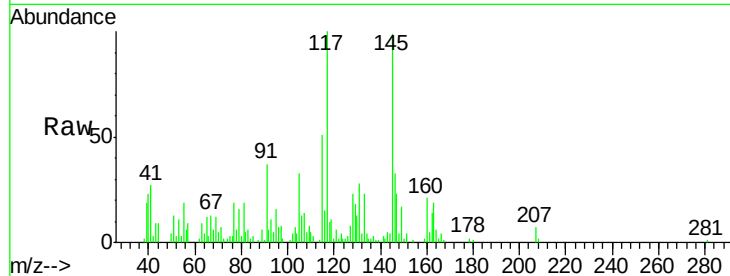




#93
 1,2,4-Trichlorobenzene
 Concen: 3.380 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN055371.D
 Acq: 3 May 2019 1:57

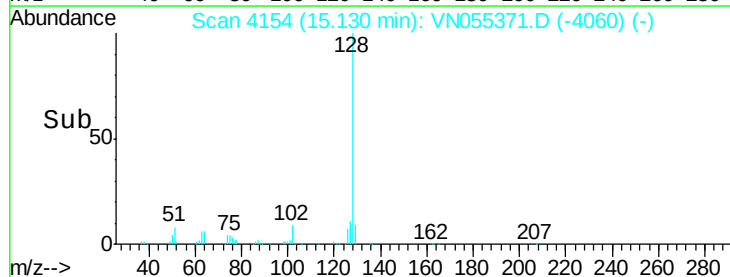
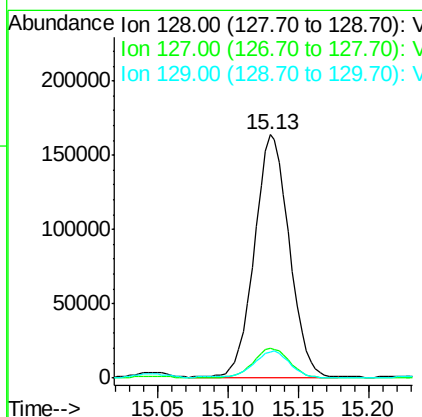
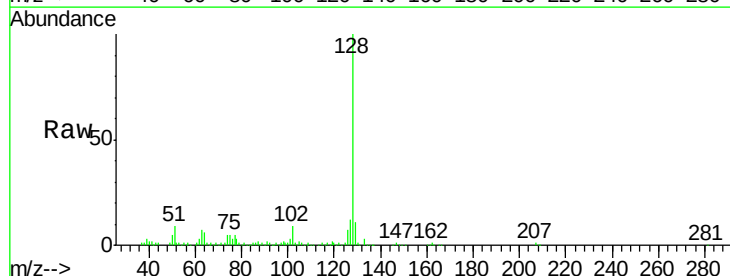
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(17-20)

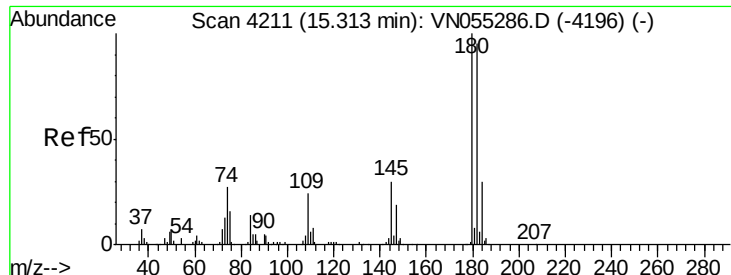
Tot Ion:180 Resp: 299
 Ion Ratio Lower Upper
 180 100
 182 41.1 48.3 144.9#
 145 21479.6 14.2 42.6#



#95
 Naphthalene
 Concen: 34.053 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN055371.D
 Acq: 3 May 2019 1:57

Tgt Ion:128 Resp: 280338
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.7 16.1
 129 11.2 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.628 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055371.D

Acq: 3 May 2019 1:57

Instrument :

MSVOA_N

ClientSampleId :

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

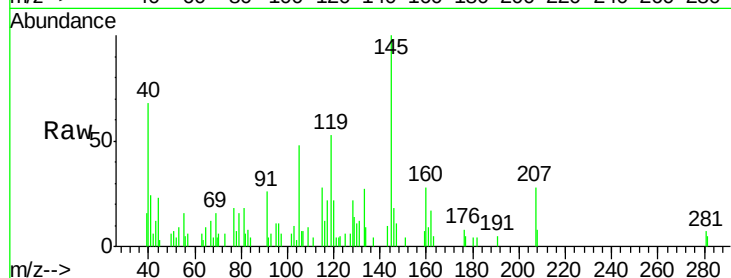
Tot Ion:180 Resp: 65

Ion Ratio Lower Upper

180 100

182 163.1 48.3 144.9#

145 30966.2 15.2 45.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

