

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055392.D
 Acq On : 3 May 2019 16:12
 Operator : JC/SP
 Sample : K2658-02DL 100X
 Misc : 6.06µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 03 23:22:42 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	465882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	802531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	731054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	255488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	310438	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	7.59	113	252748	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.09	98	982301	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	335558	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
Target Compounds						
					Qvalue	
16) Acetone	3.84	43	1038	0.547	ug/l #	45
18) Methyl Acetate	4.31	43	399	Below Cal	#	57
31) Cyclohexane	7.67	56	10368	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	35238	4.584	ug/l #	50
38) Carbon Tetrachloride	7.67	117	43412	5.854	ug/l #	16
39) Methylcyclohexane	9.08	83	3365	0.412	ug/l #	88
41) Methacrylonitrile	7.23	41	66	0.760	ug/l #	29
43) Isopropyl Acetate	8.22	43	4366	0.461	ug/l #	56
55) 1,1,2-Trichloroethane	10.54	97	3114	0.645	ug/l #	22
56) Ethyl methacrylate	10.43	69	1815	0.305	ug/l #	1
59) 2-Hexanone	10.72	43	15080	4.521	ug/l #	31
68) m/p-Xylenes	11.63	106	12555	1.363	ug/l	93
73) Isopropylbenzene	12.25	105	39765	Below Cal		99
74) N-amyl acetate	12.04	43	184327	28.112	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.47	83	10986	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	171929	35.473	ug/l #	100
77) Bromobenzene	12.49	156	69	Below Cal	#	1
78) n-propylbenzene	12.59	91	121655	4.636	ug/l	99
79) 2-Chlorotoluene	12.69	91	11354	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.69	105	95412	4.764	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.40	75	171929	127.527	ug/l #	8
82) 4-Chlorotoluene	12.69	91	11354	0.744	ug/l #	42
83) tert-Butylbenzene	12.99	119	9424	Below Cal		90
84) 1,2,4-Trimethylbenzene	13.04	105	691475	38.601	ug/l	99
85) sec-Butylbenzene	13.17	105	73290	3.367	ug/l #	66
86) p-Isopropyltoluene	13.29	119	75328	4.210	ug/l	98
89) n-Butylbenzene	13.61	91	46559	3.662	ug/l #	73
90) Hexachloroethane	13.89	117	8584	1.502	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	818	1.217	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	396	3.421	ug/l #	1
94) Hexachlorobutadiene	15.01	225	110	Below Cal	#	1
95) Naphthalene	15.13	128	4712	3.948	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.31	180	418	2.733	ug/l	88

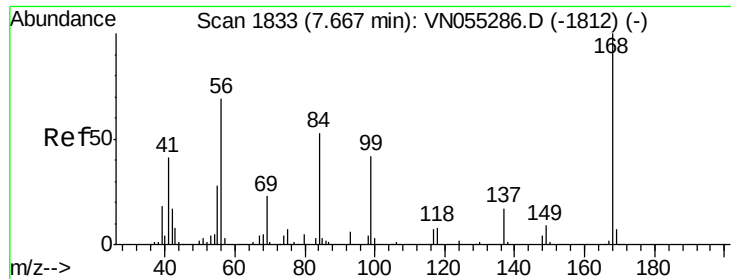
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
Data File : VN055392.D
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

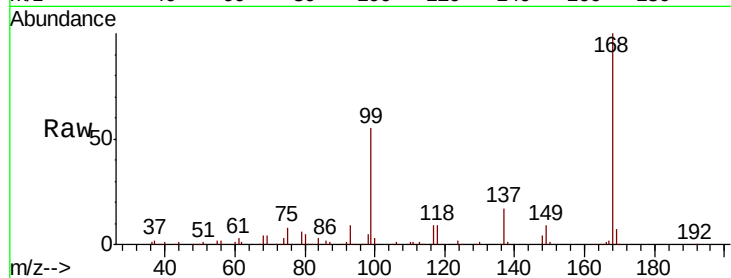
EP1-SB-W2(17-20)DL

Tot Ion:168 Resp: 465882

Ion Ratio Lower Upper

168 100

99 54.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055392.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055392.D (-1740) (-)

7.67

200000

150000

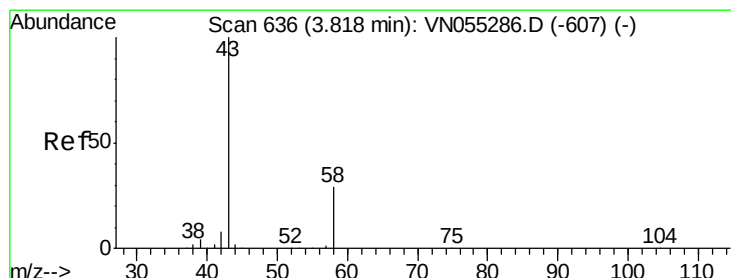
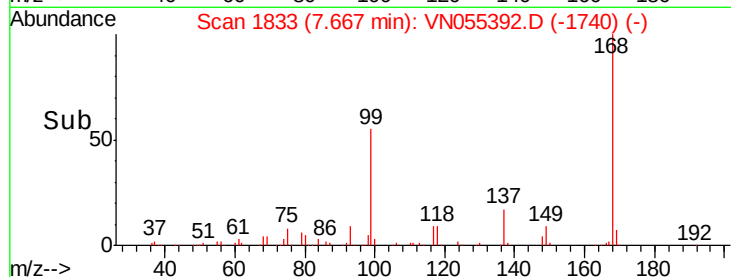
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 0.547 ug/l

RT: 3.84 min Scan# 643

Delta R.T. 0.02 min

Lab File: VN055392.D

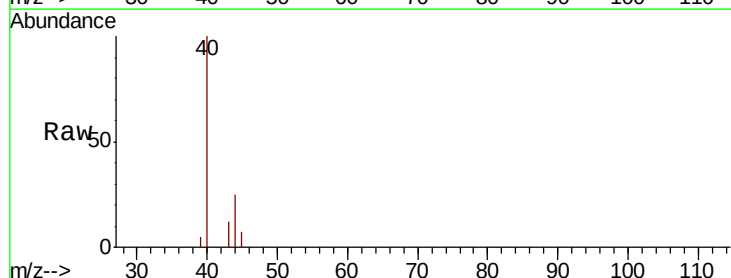
Acq: 3 May 2019 16:12

Tgt Ion: 43 Resp: 1038

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055392.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055392.D (-543) (-)

3.84

400

300

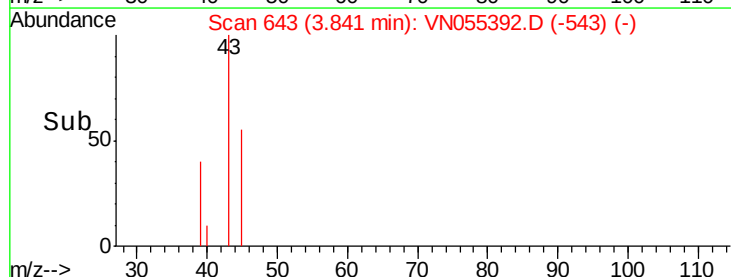
200

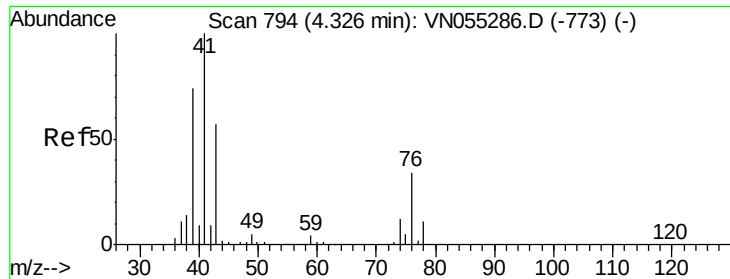
100

0

3.80 3.85

Time-->

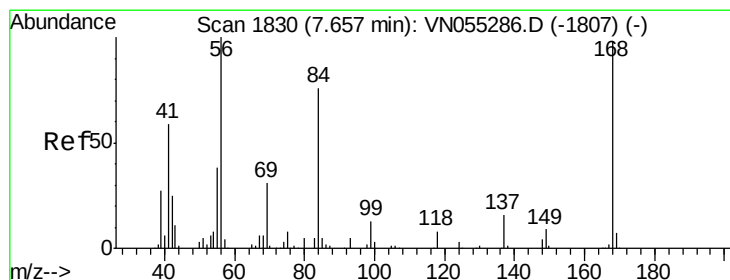
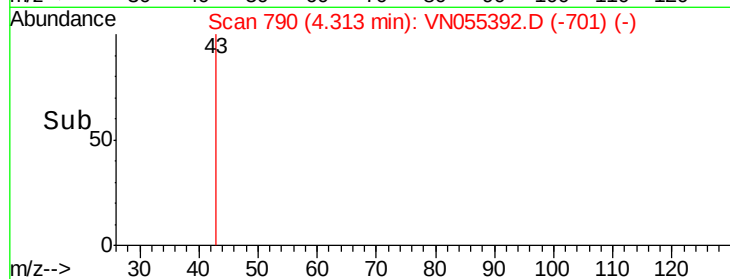
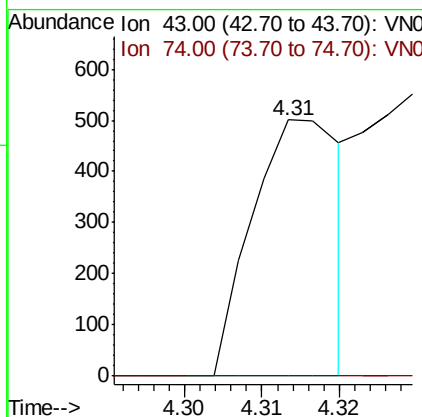
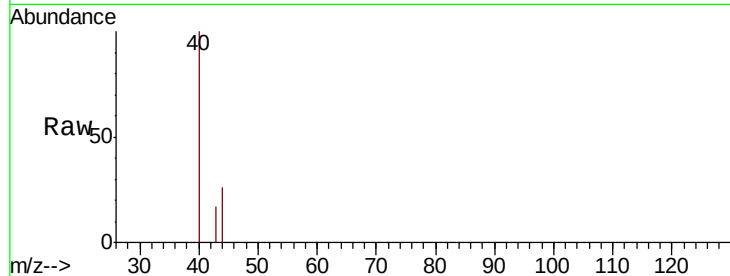




#18
Methvl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 790
Delta R.T. -0.01 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

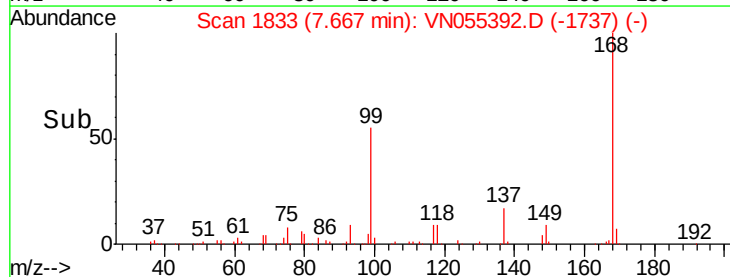
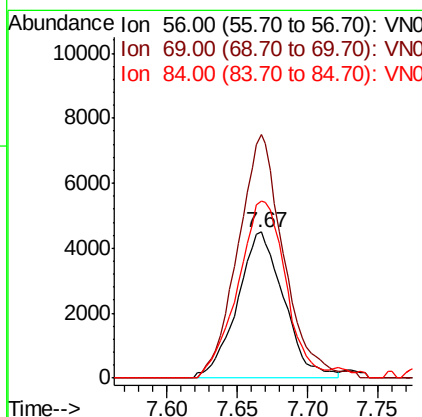
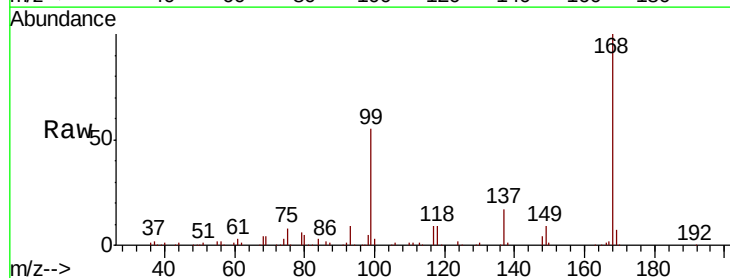
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)DL

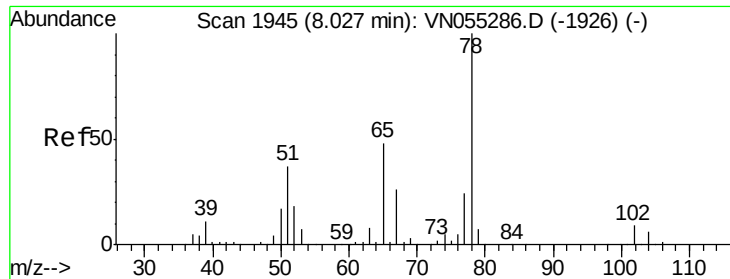
Tot Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.8#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

Tgt Ion: 56 Resp: 10368
Ion Ratio Lower Upper
56 100
69 166.7 25.2 37.8#
84 121.6 61.1 91.7#

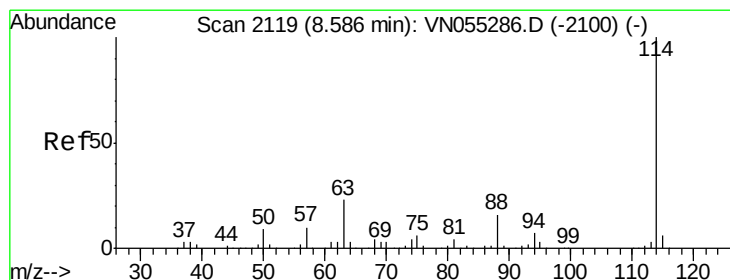
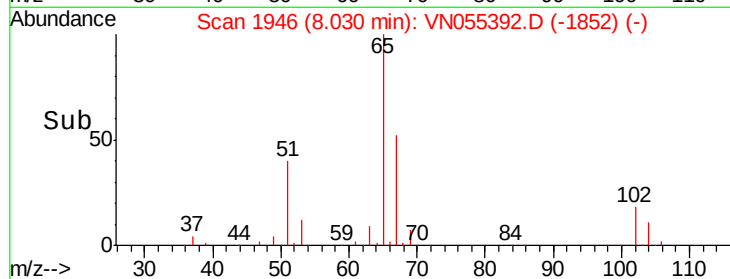
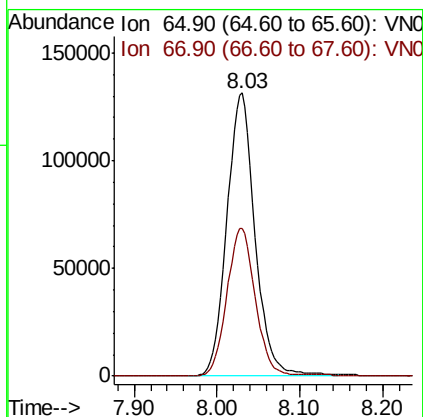
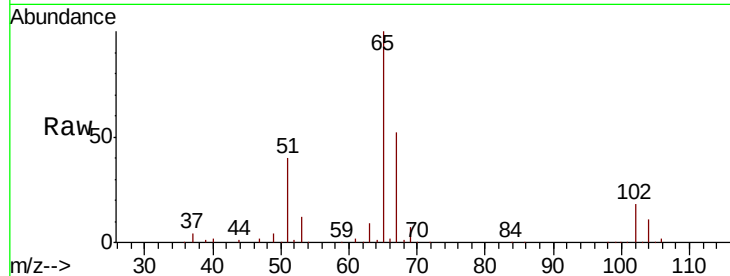




#33
 1,2-Dichloroethane-d4
 Concen: 50.935 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

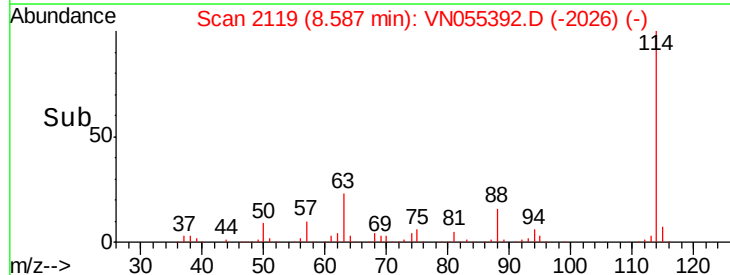
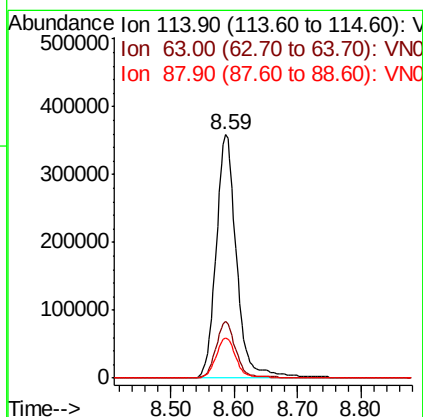
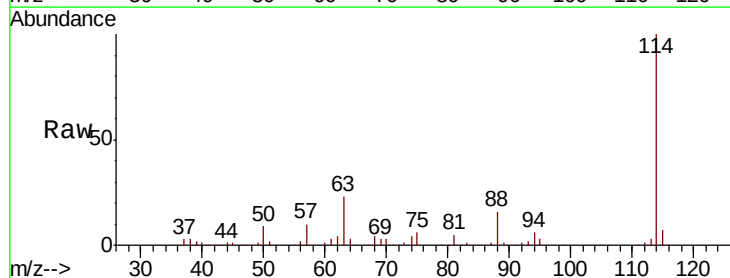
Instrument :
 MSVOA_N
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 EP1-SB-W2(17-20)DL

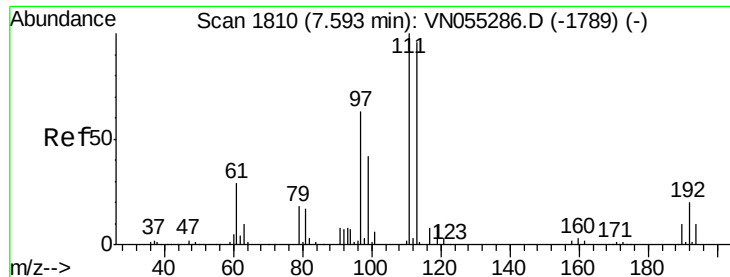
Tot Ion: 65 Resp: 310438
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

Tgt Ion: 114 Resp: 802531
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.3 0.0 31.6

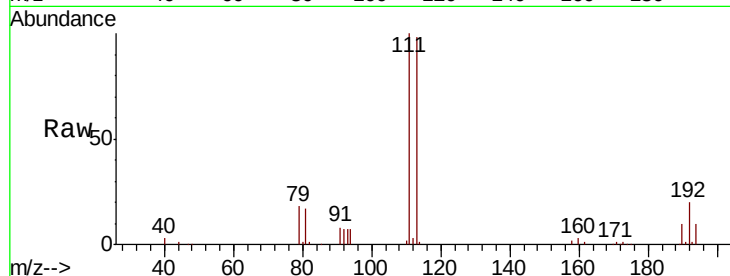




#35
 Dibromofluoromethane
 Concen: 47.982 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	20.6	17.0	25.6

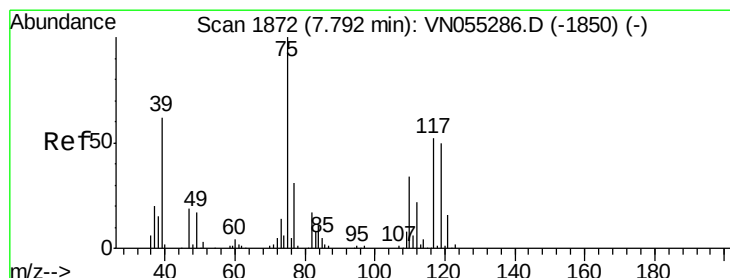
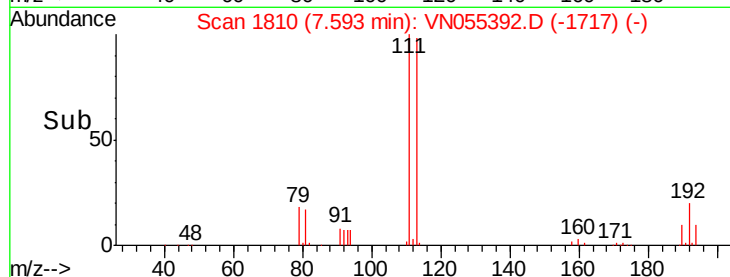
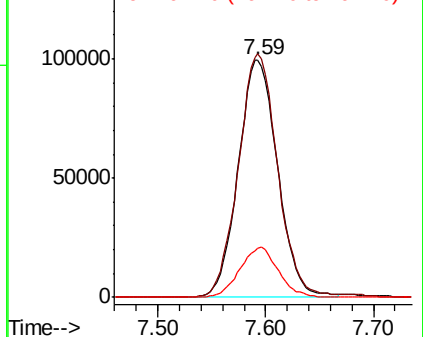


Abundance

Ion 112.80 (112.50 to 113.50): V

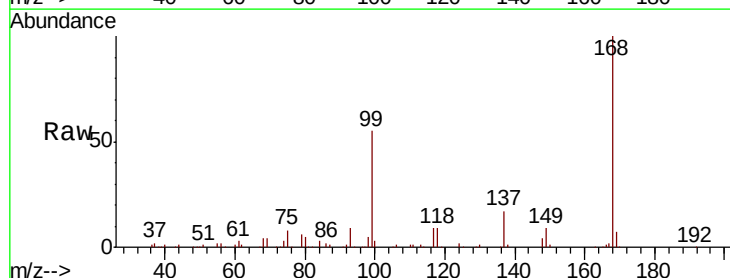
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.8	50.4#
77	0.0	25.0	37.6#

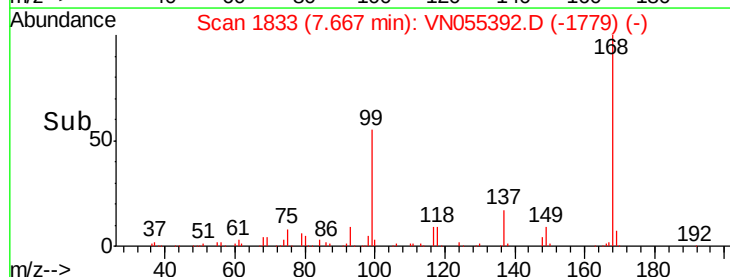
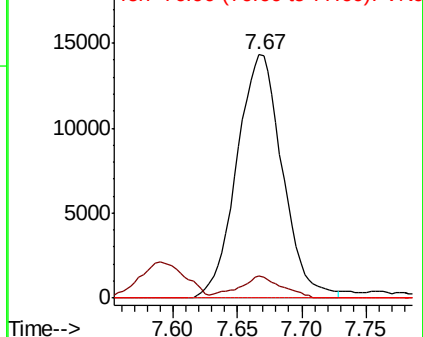


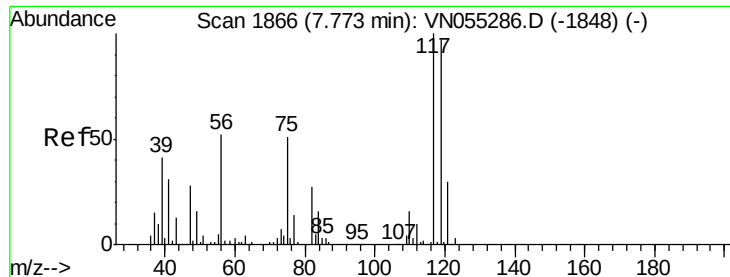
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 5.854 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)DL

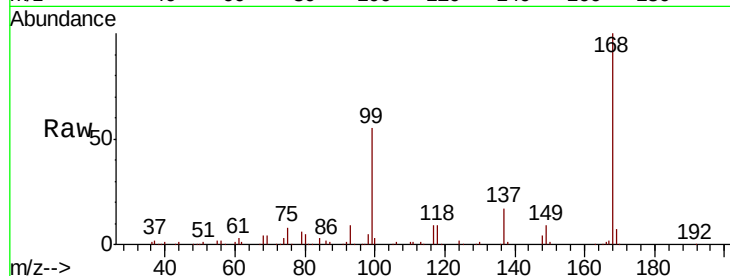
Tot Ion:117 Resp: 43412

Ion Ratio Lower Upper

117 100

119 5.2 77.0 115.6#

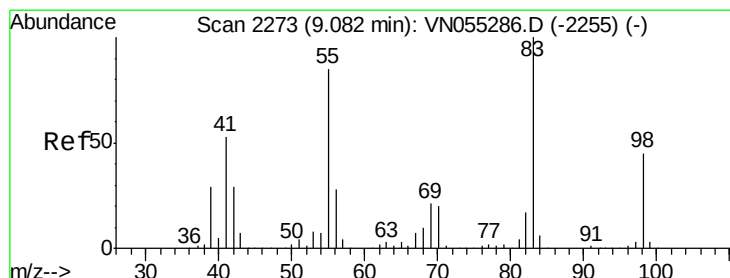
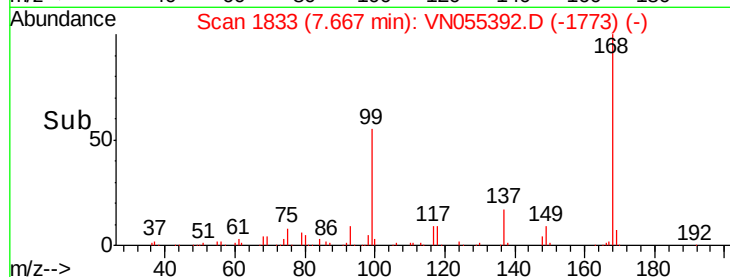
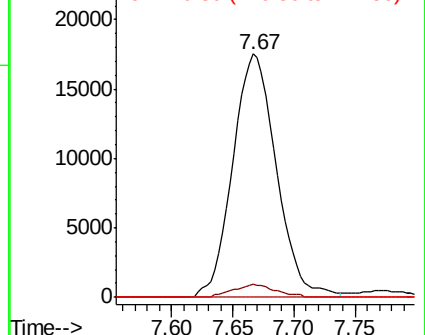
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.412 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

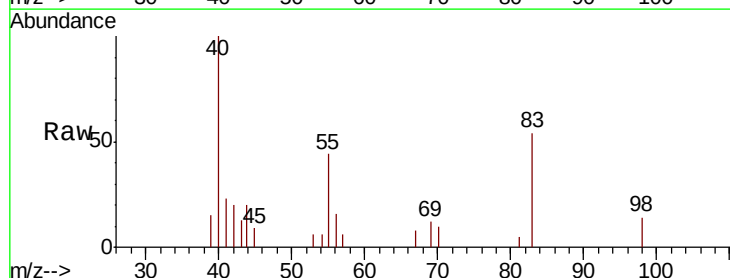
Tgt Ion: 83 Resp: 3365

Ion Ratio Lower Upper

83 100

55 82.0 67.8 101.6

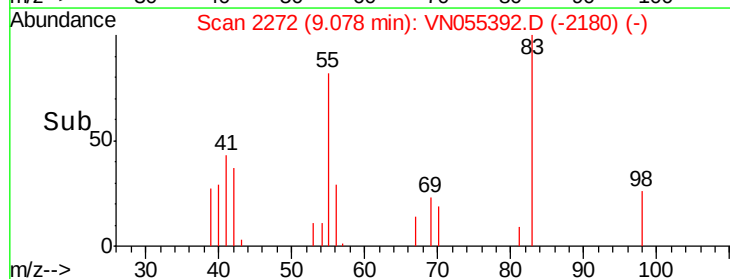
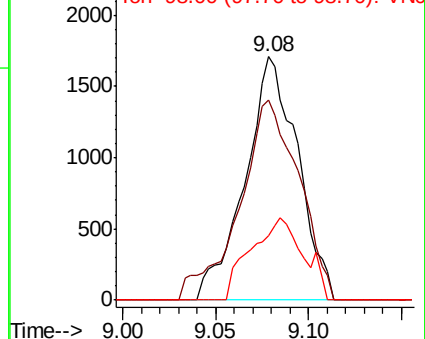
98 26.2 36.2 54.4#

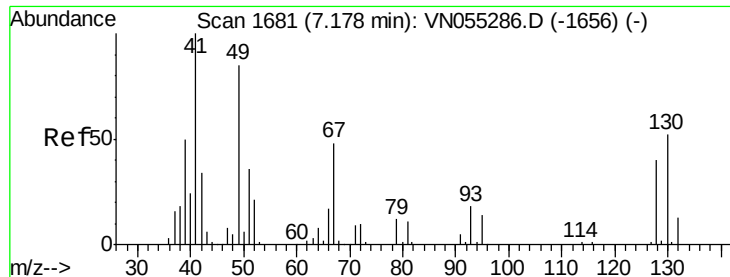


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

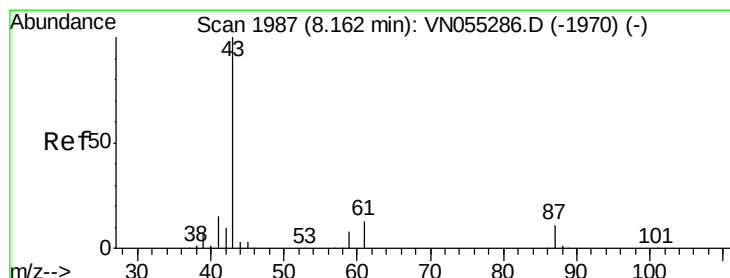
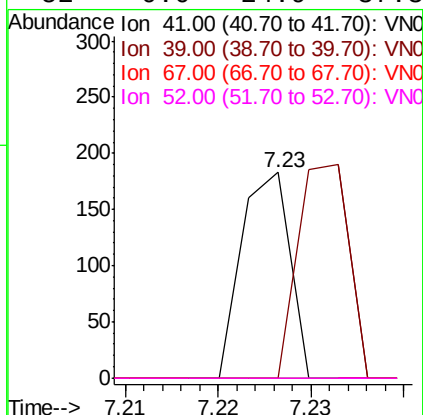
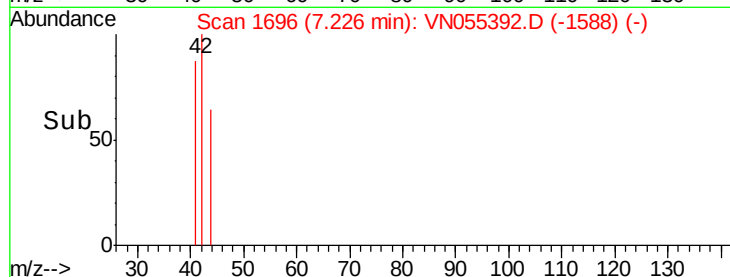
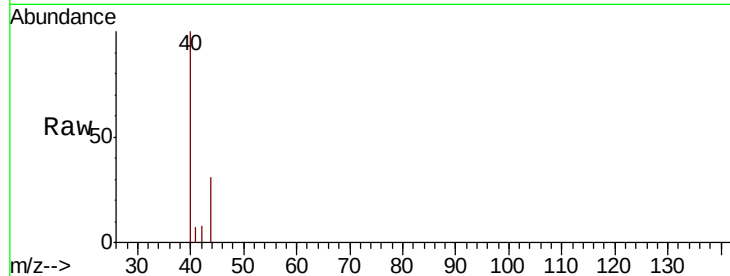




#41
Methacrylonitrile
Concen: 0.760 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

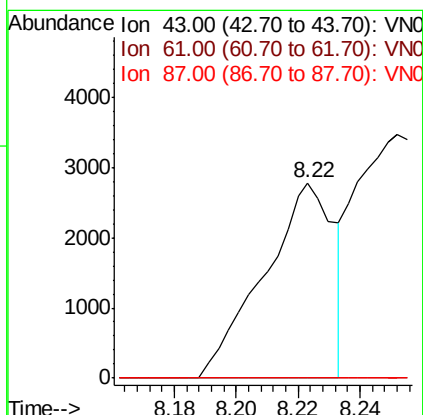
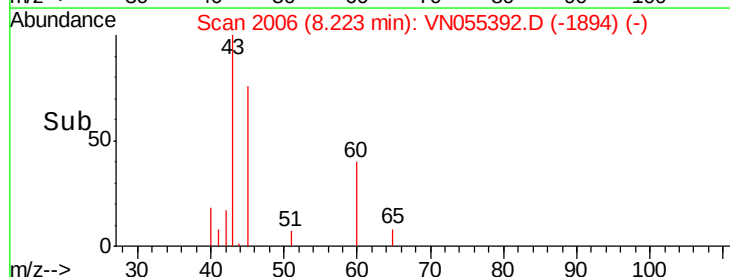
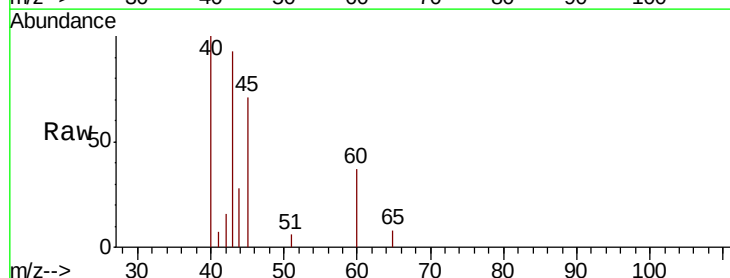
Instrument :
MSVOA_N
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EP1-SB-W2(17-20)DL

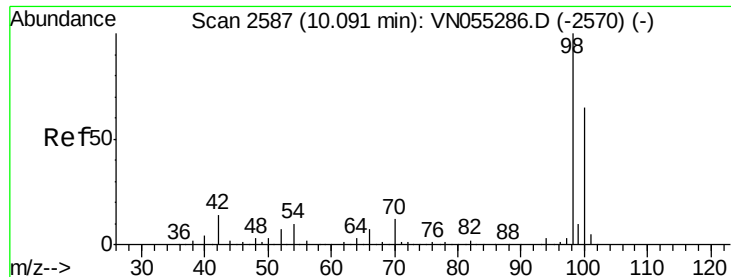
Tot Ion: 41 Resp: 66
Ion Ratio Lower Upper
41 100
39 109.1 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 0.461 ug/l
RT: 8.22 min Scan# 2006
Delta R.T. 0.06 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

Tgt Ion: 43 Resp: 4366
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 8.5 12.7#





#50

Toluene-d8

Concen: 51.644 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

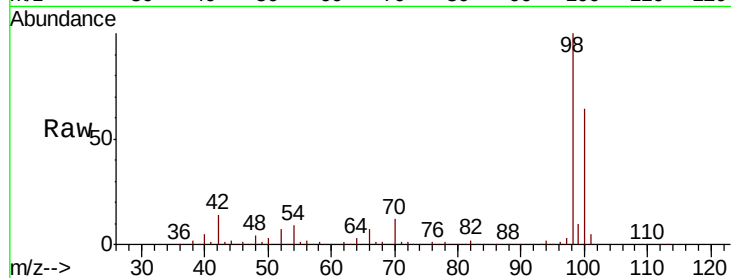
EP1-SB-W2(17-20)DL

Tot Ion: 98 Resp: 982301

Ion Ratio Lower Upper

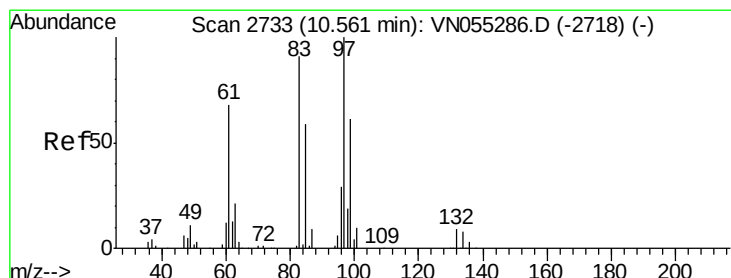
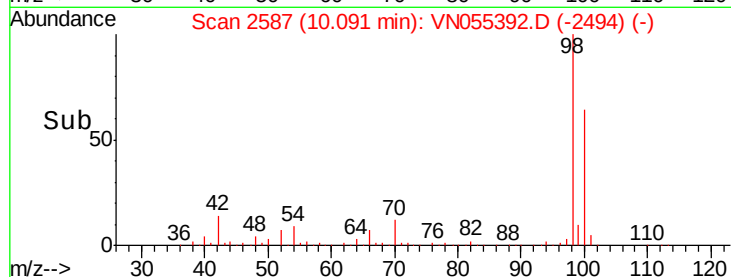
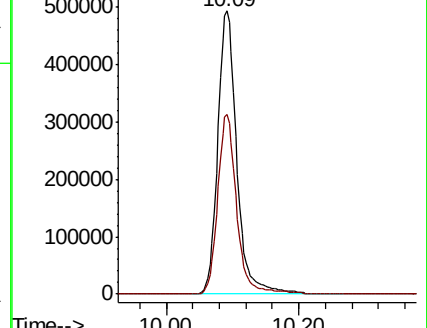
98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#55

1,1,2-Trichloroethane

Concen: 0.645 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Tgt Ion: 97 Resp: 3114

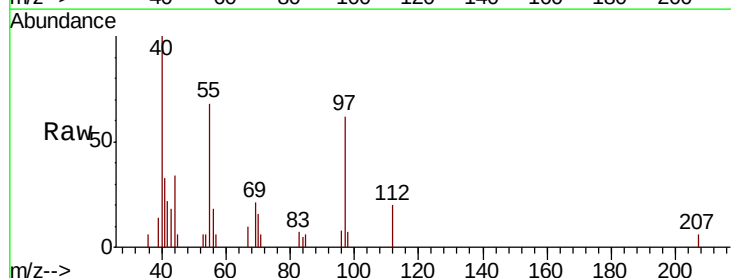
Ion Ratio Lower Upper

97 100

83 10.6 72.8 109.2#

85 10.2 47.0 70.6#

99 0.0 49.0 73.4#

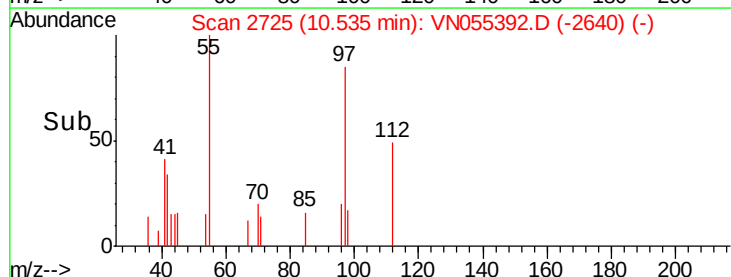
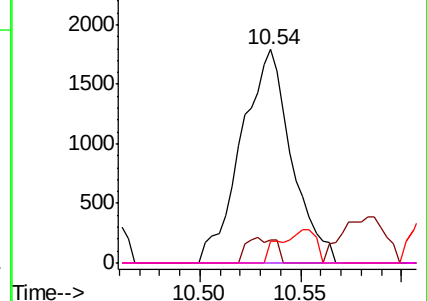


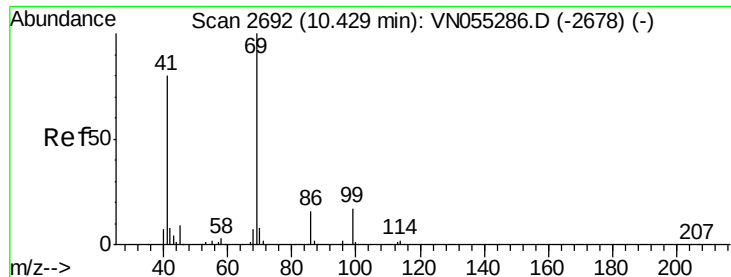
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0





#56

Ethyl methacrylate

Concen: 0.305 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)DL

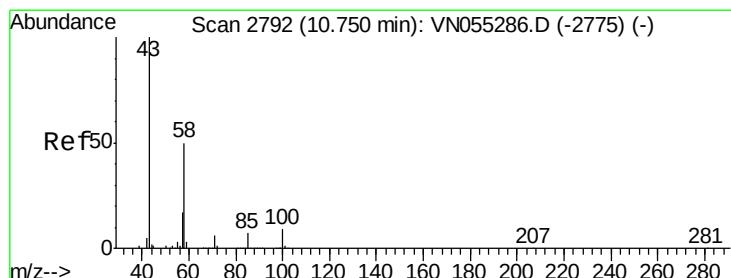
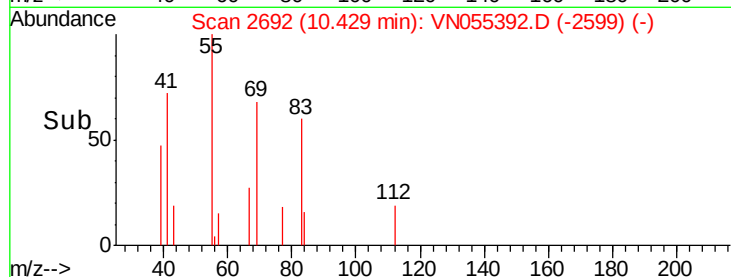
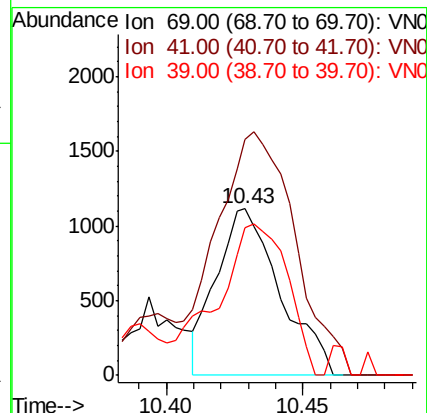
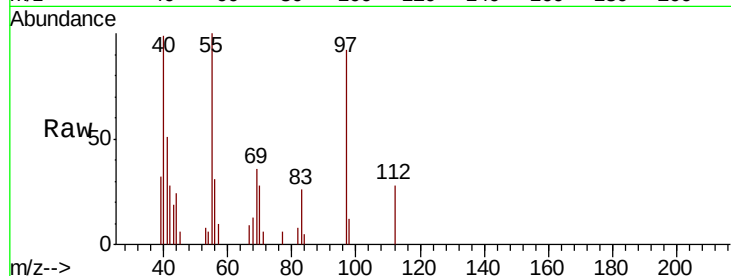
Tot Ion: 69 Resp: 1815

Ion Ratio Lower Upper

69 100

41 182.2 62.7 94.1#

39 101.7 32.0 48.0#



#59

2-Hexanone

Concen: 4.521 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN055392.D

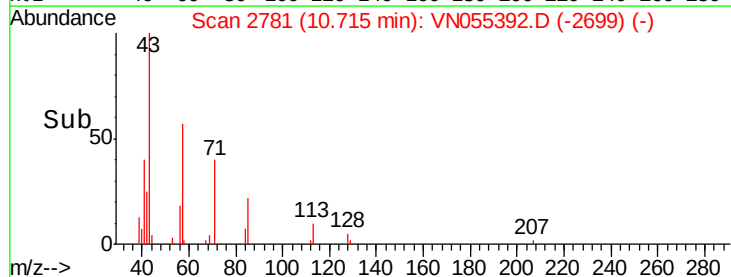
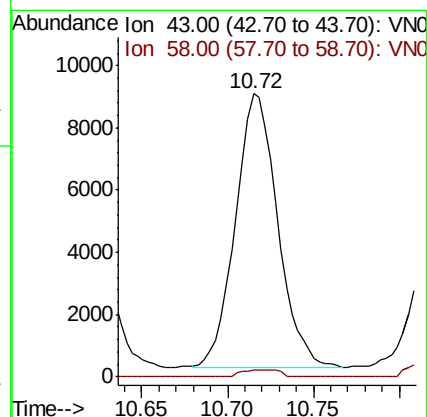
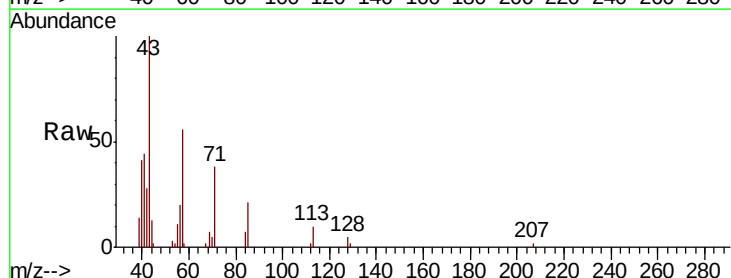
Acq: 3 May 2019 16:12

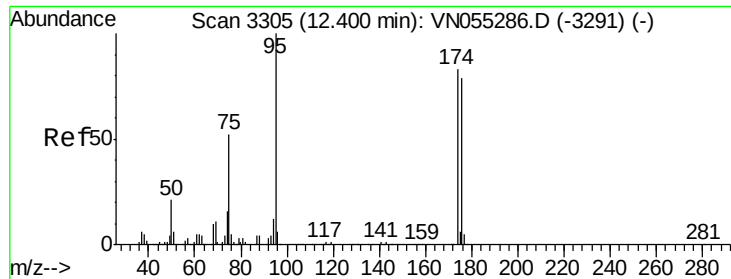
Tgt Ion: 43 Resp: 15080

Ion Ratio Lower Upper

43 100

58 2.4 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 56.448 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)DL

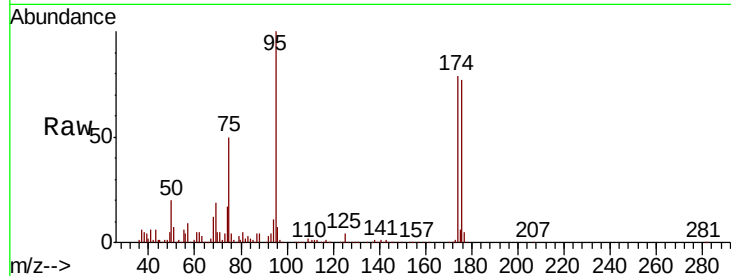
Tot Ion: 95 Resp: 335558

Ion Ratio Lower Upper

95 100

174 81.3 0.0 166.6

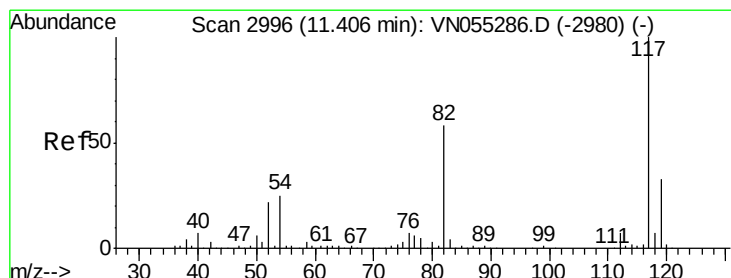
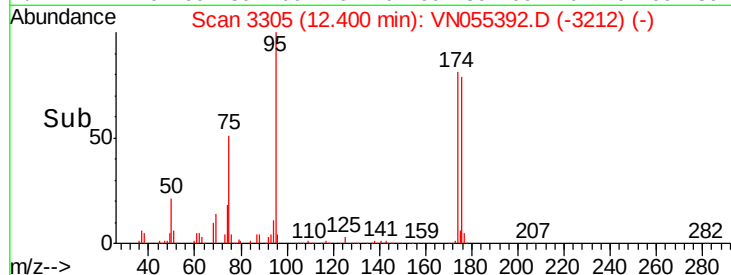
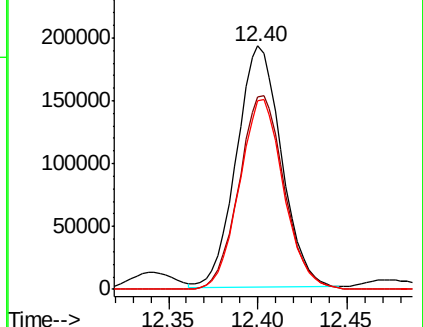
176 77.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055392.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055392.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055392.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

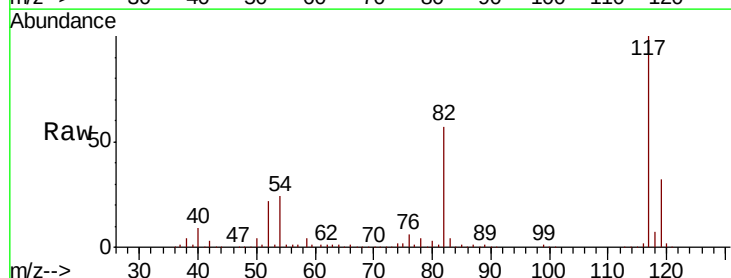
Tgt Ion: 117 Resp: 731054

Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

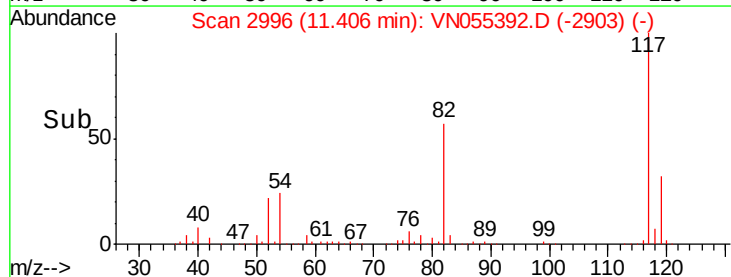
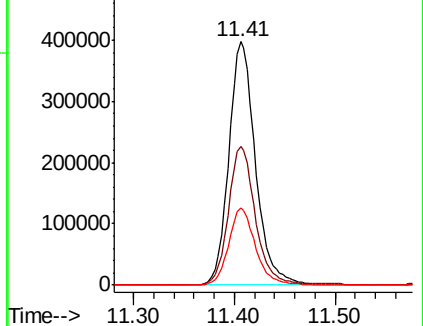
119 31.7 26.6 40.0

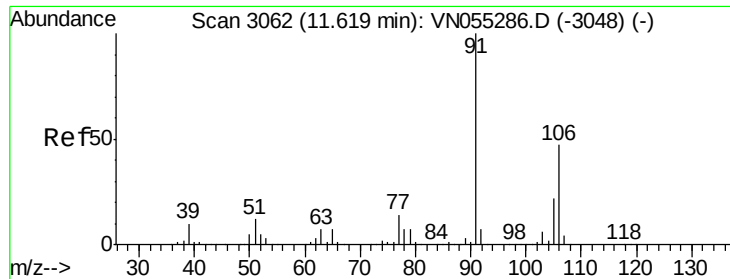


Abundance Ion 116.90 (116.60 to 117.60): VN055392.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055392.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055392.D (-2903) (-)

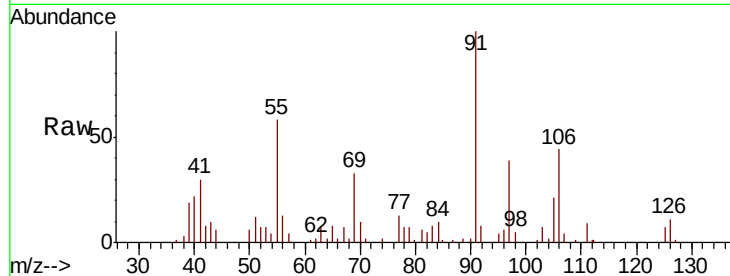




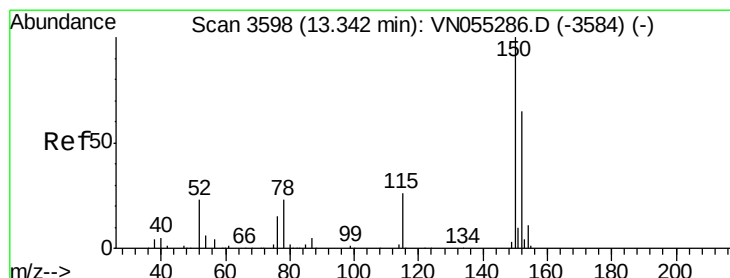
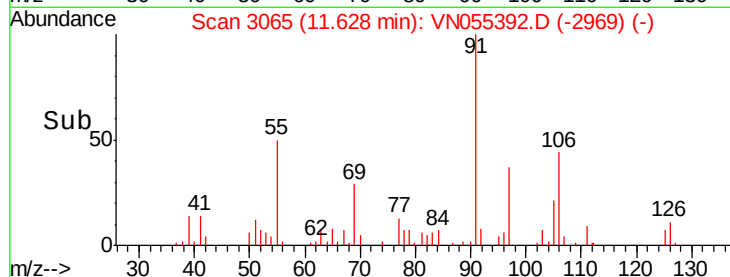
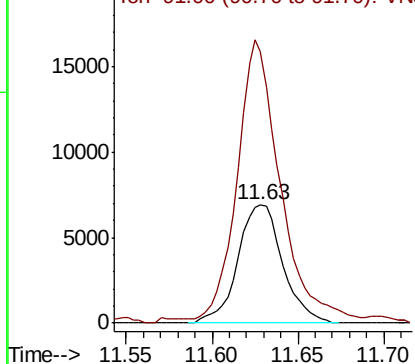
#68
m/p-Xylenes
Concen: 1.363 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

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

Tot Ion:106 Resp: 12555
Ion Ratio Lower Upper
106 100
91 222.5 169.5 254.3

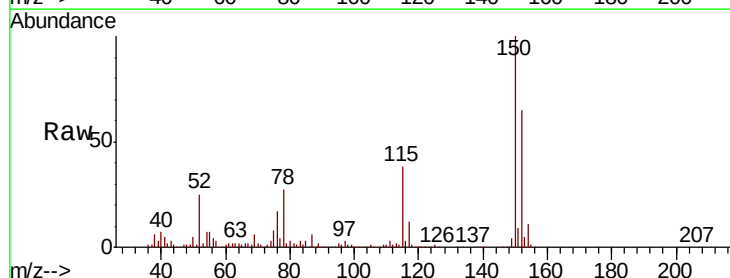


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

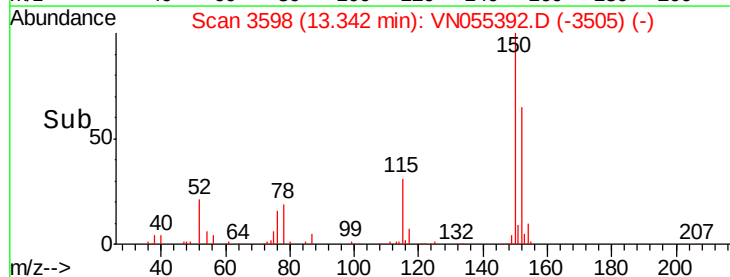
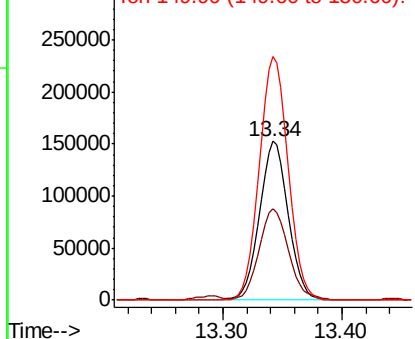


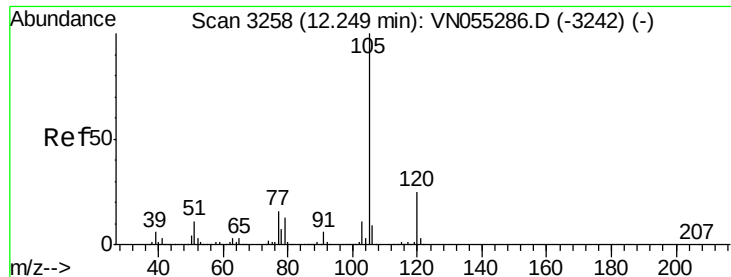
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

Tgt Ion:152 Resp: 255488
Ion Ratio Lower Upper
152 100
115 59.1 29.0 87.0
150 153.1 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

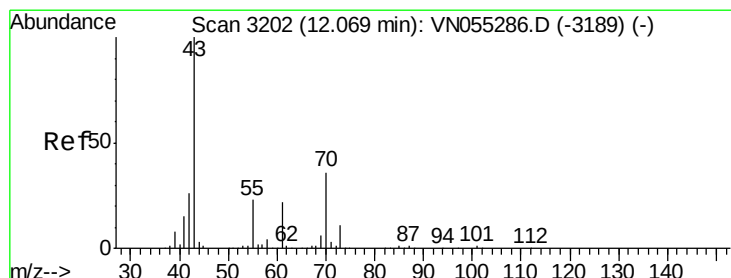
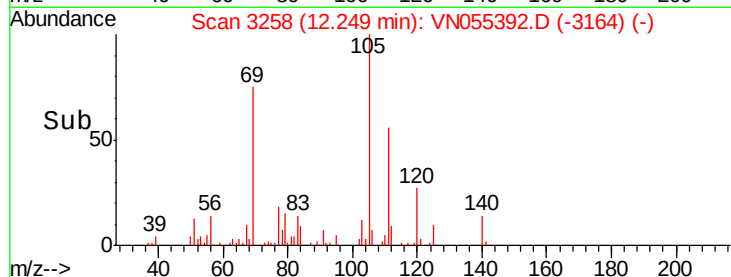
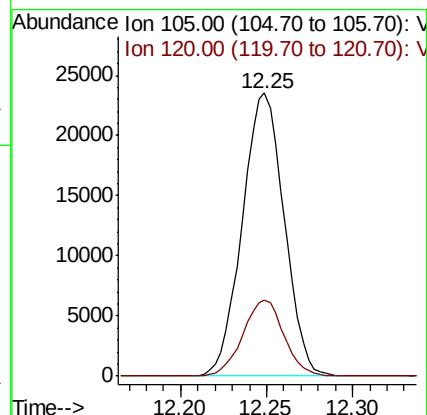
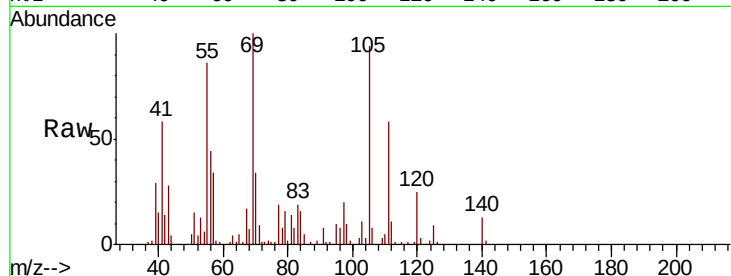
EP1-SB-W2(17-20)DL

Tot Ion:105 Resp: 39765

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.7



#74

N-ethyl acetate

Concen: 28.112 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Tgt Ion: 43 Resp: 184327

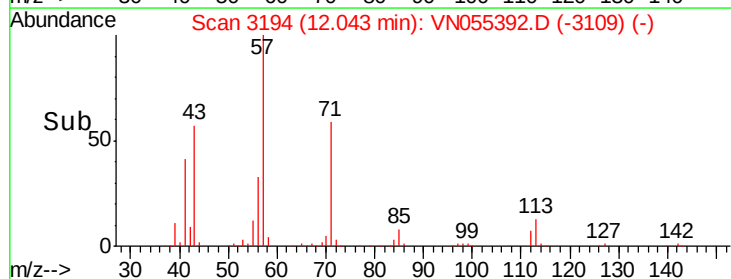
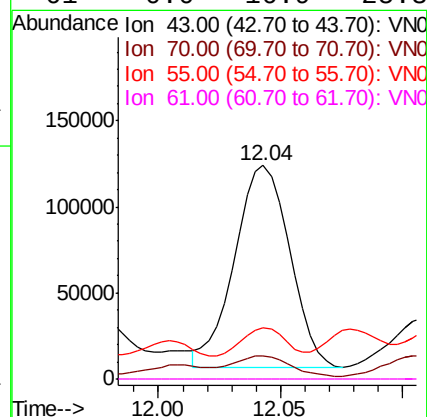
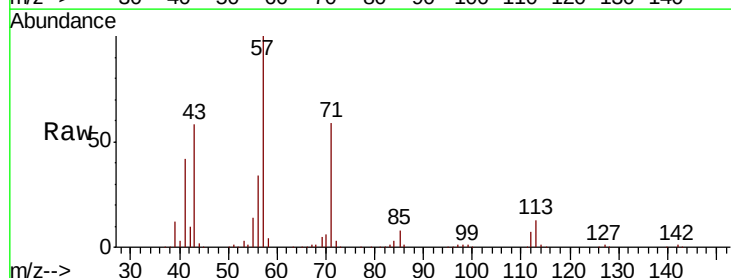
Ion Ratio Lower Upper

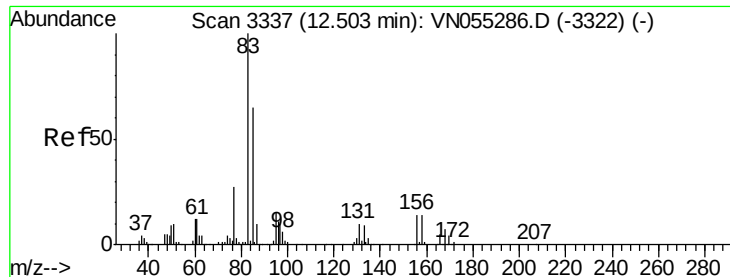
43 100

70 10.3 27.9 41.9#

55 12.2 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# 3327

Delta R.T. -0.03 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)DL

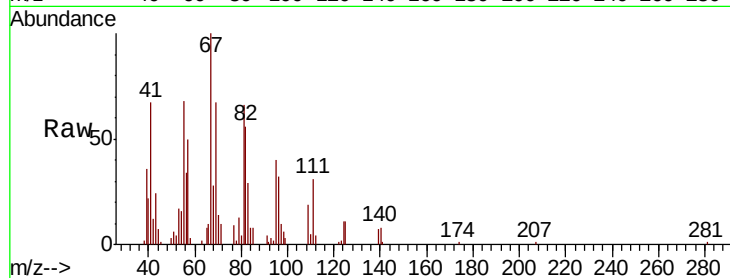
Tot Ion: 83 Resp: 10986

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

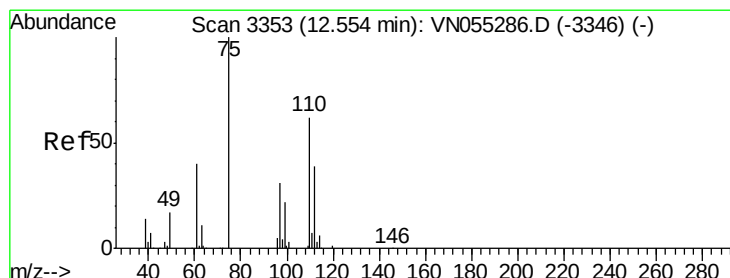
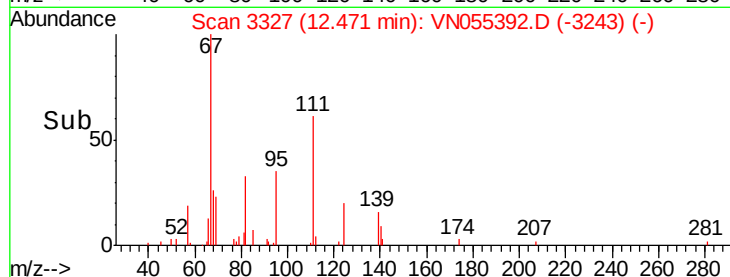
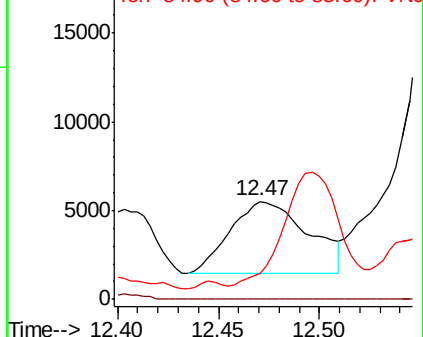
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 35.473 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055392.D

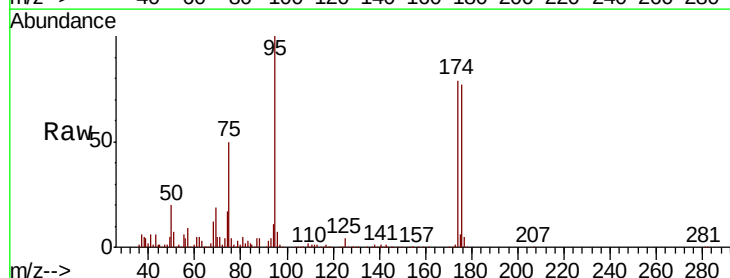
Acq: 3 May 2019 16:12

Tgt Ion: 75 Resp: 171929

Ion Ratio Lower Upper

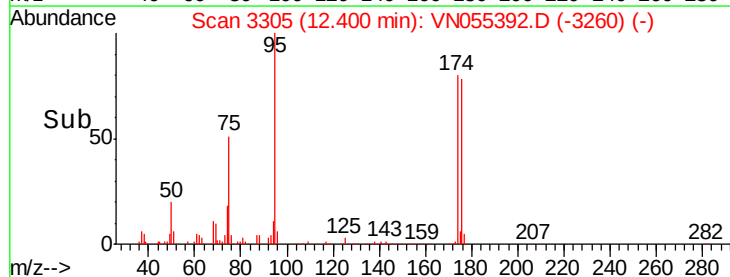
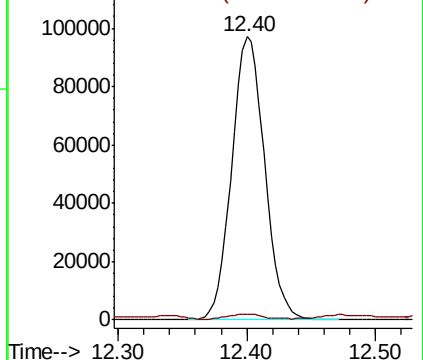
75 100

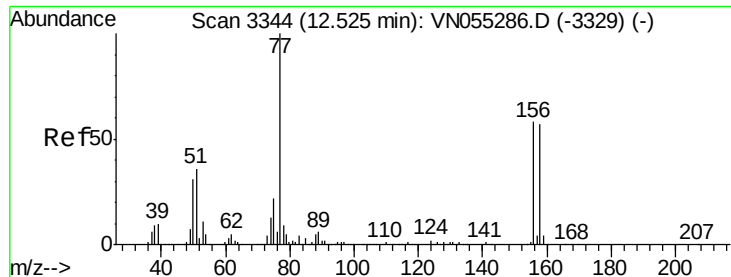
77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: Below Cal

RT: 12.49 min Scan# 3334

Delta R.T. -0.03 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)DL

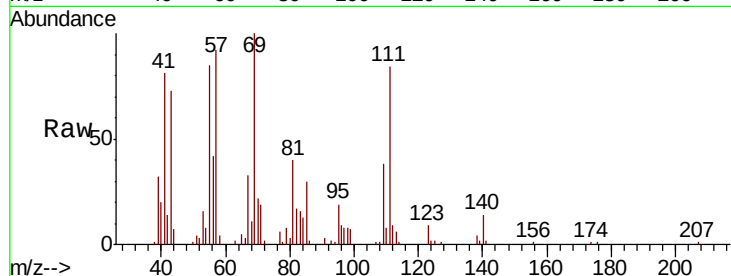
Tot Ion:156 Resp: 69

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

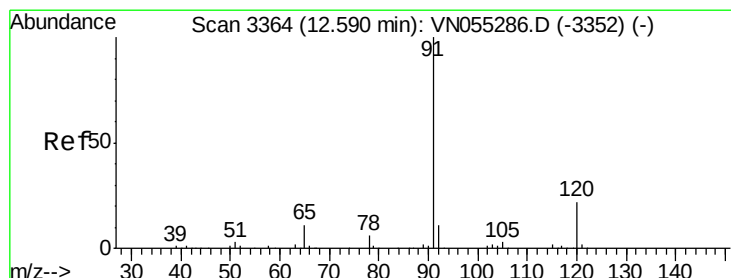
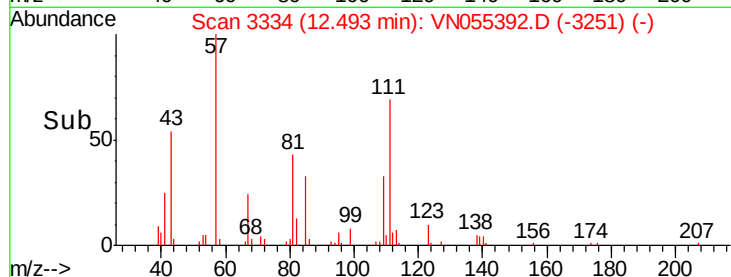
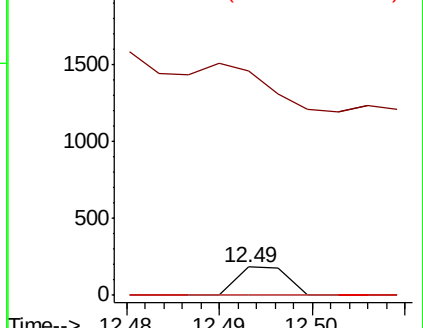
158 0.0 49.3 147.8#



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: 4.636 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055392.D

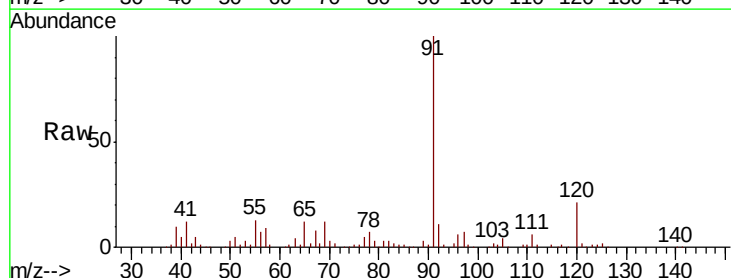
Acq: 3 May 2019 16:12

Tgt Ion: 91 Resp: 121655

Ion Ratio Lower Upper

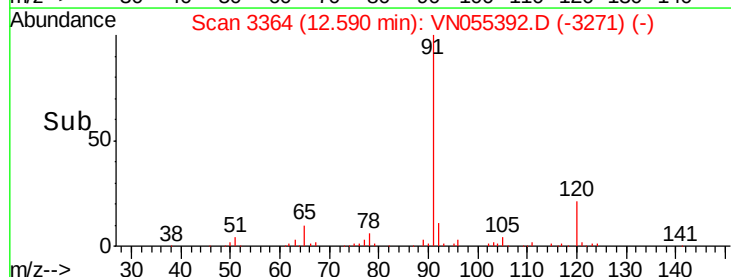
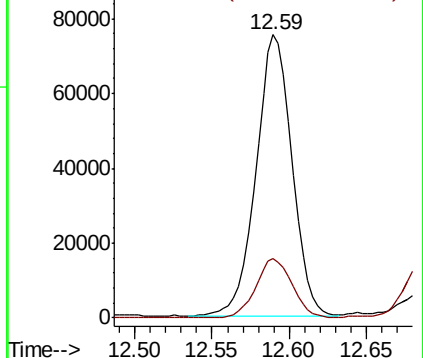
91 100

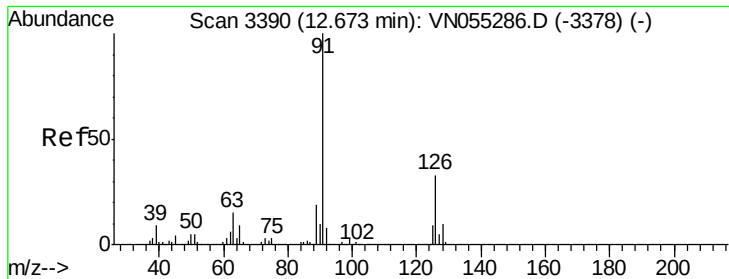
120 21.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

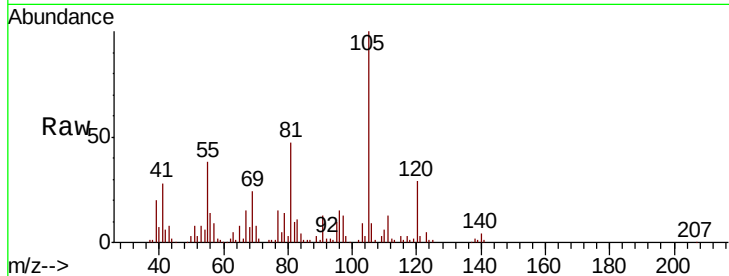
EP1-SB-W2(17-20)DL

Tot Ion: 91 Resp: 11354

Ion Ratio Lower Upper

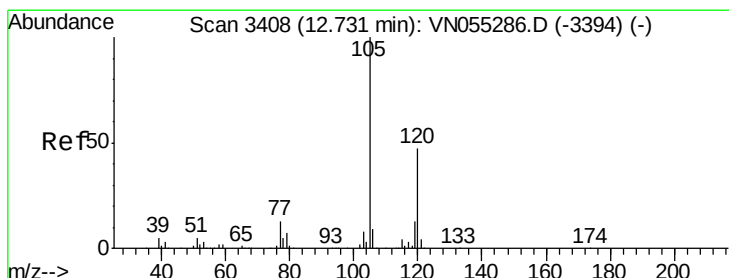
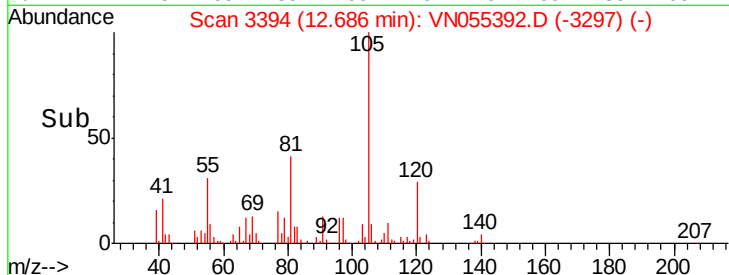
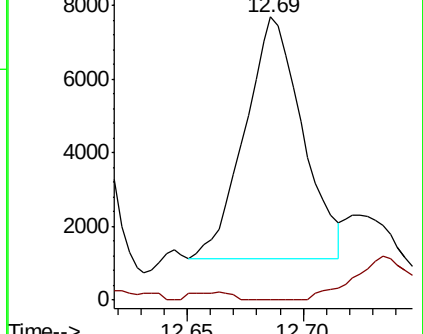
91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.764 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.04 min

Lab File: VN055392.D

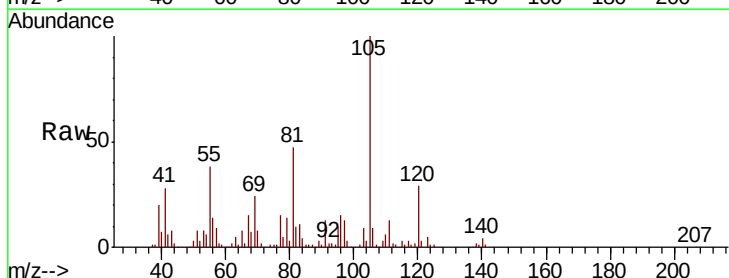
Acq: 3 May 2019 16:12

Tgt Ion:105 Resp: 95412

Ion Ratio Lower Upper

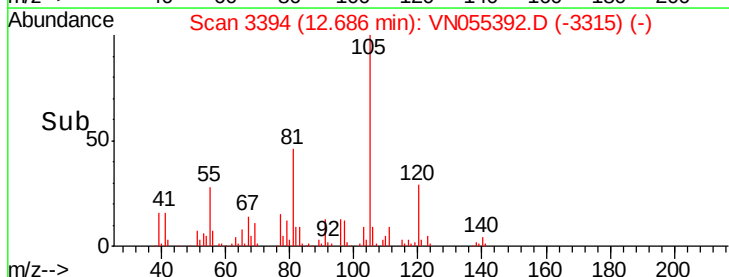
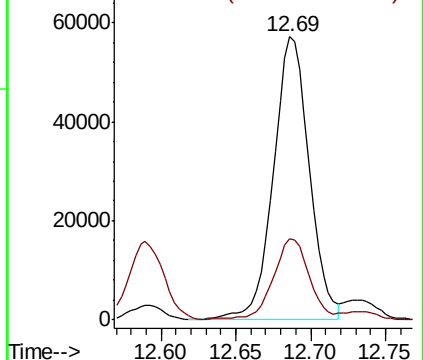
105 100

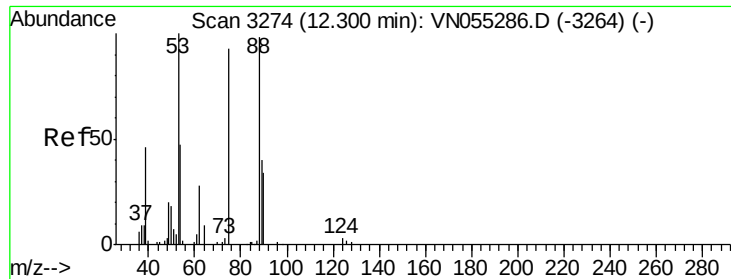
120 27.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)

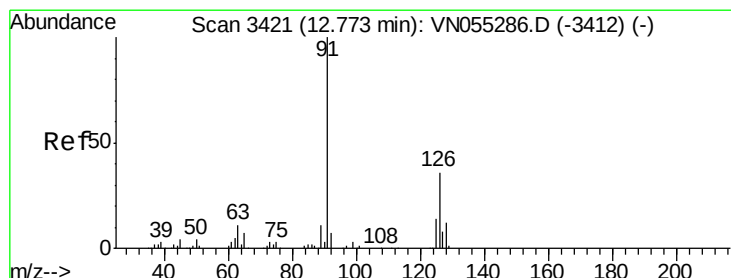
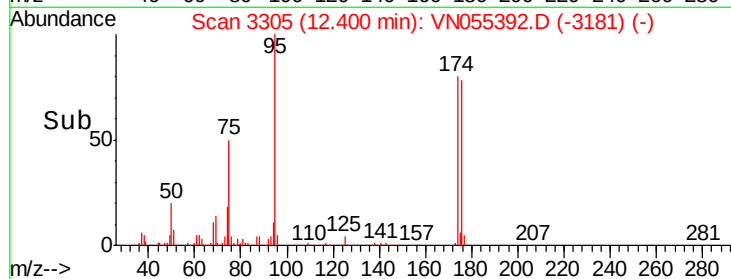
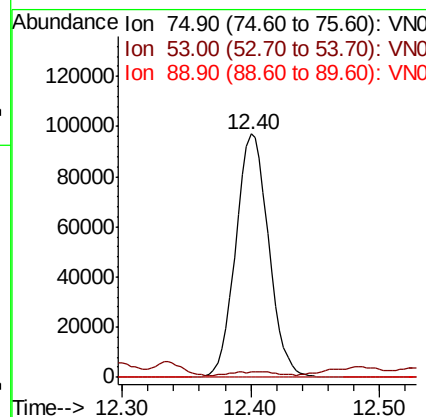
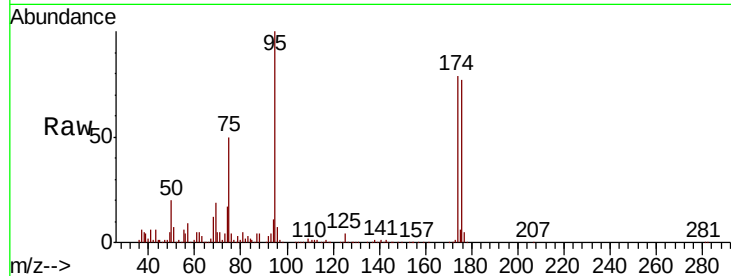




#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.527 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

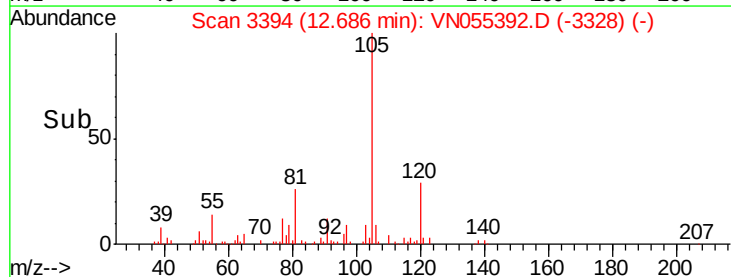
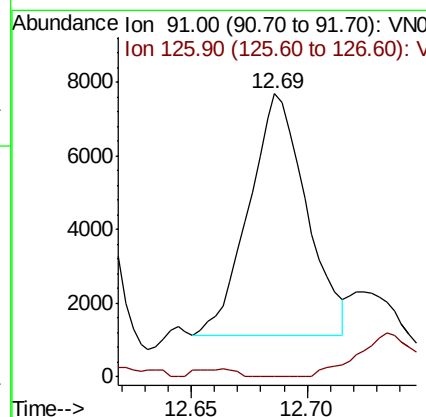
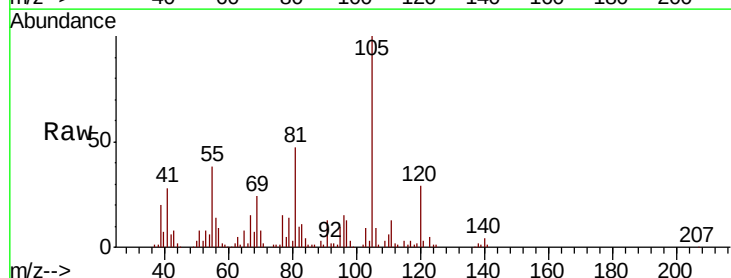
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)DL

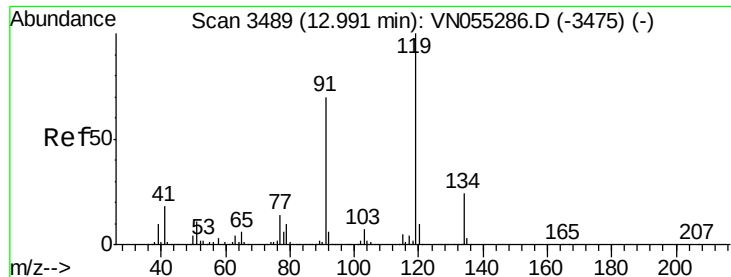
Tot Ion: 75 Resp: 171929
 Ion Ratio Lower Upper
 75 100
 53 2.0 86.3 129.5#
 89 0.0 34.6 51.8#



#82
 4-Chlorotoluene
 Concen: 0.744 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. -0.09 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

Tgt Ion: 91 Resp: 11354
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#

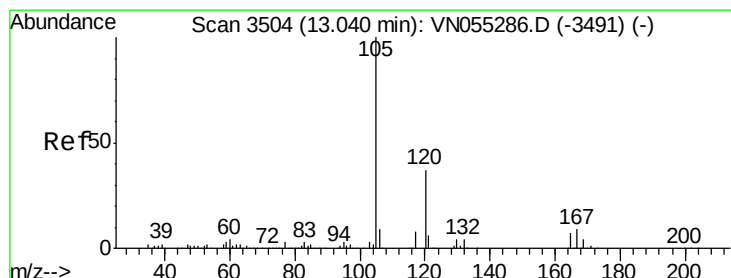
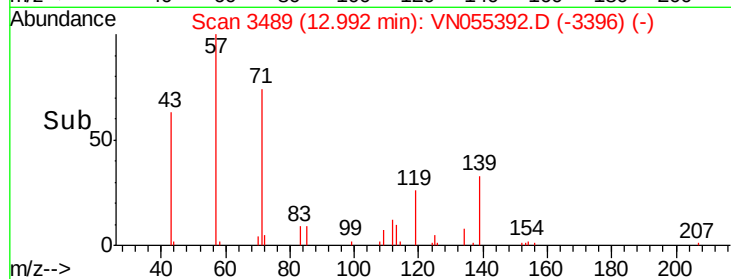
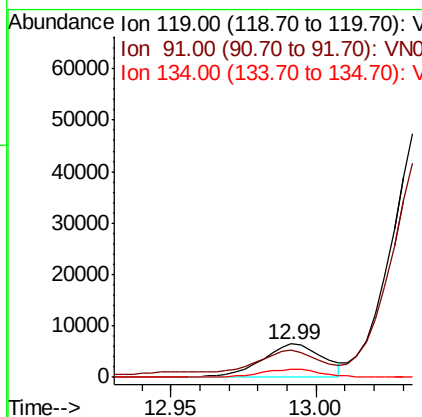
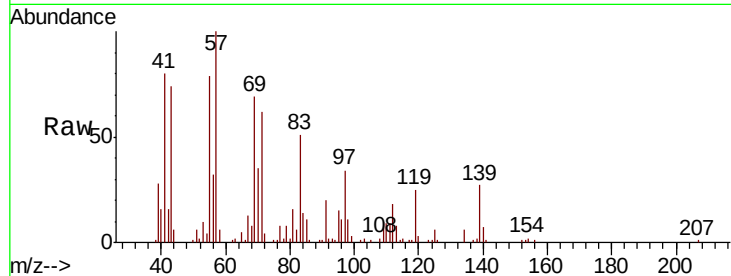




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

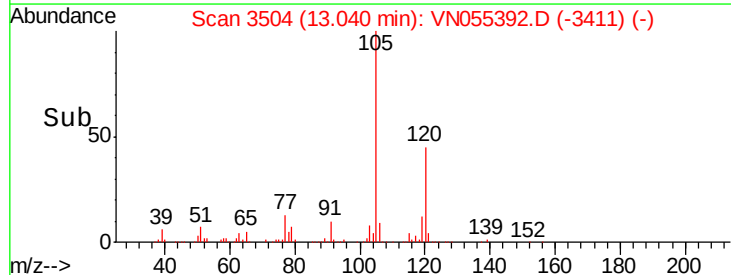
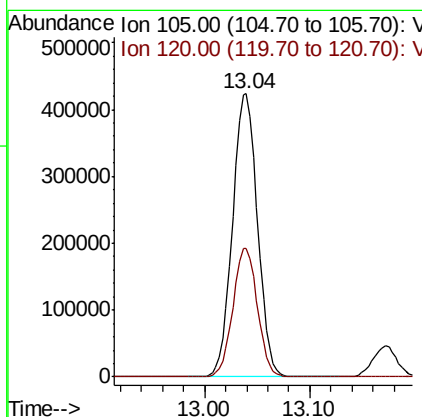
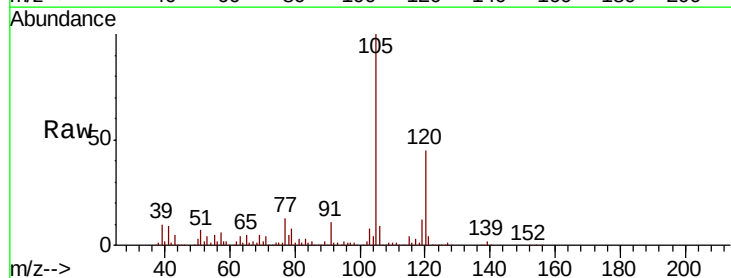
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)DL

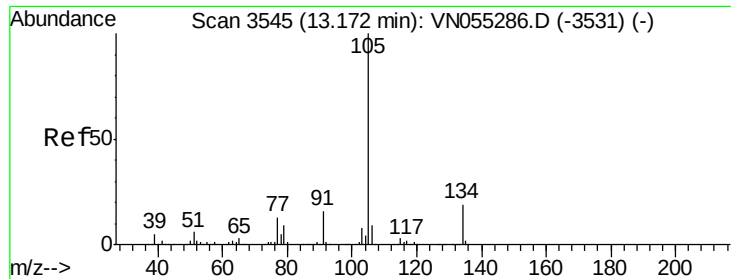
Tot Ion:119 Resp: 9424
 Ion Ratio Lower Upper
 119 100
 91 58.1 34.3 102.9
 134 24.4 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 38.601 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

Tgt Ion:105 Resp: 691475
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 3.367 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

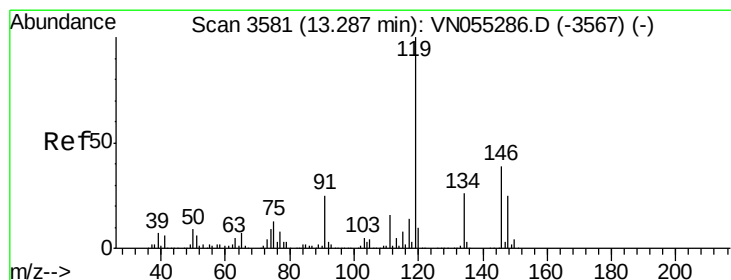
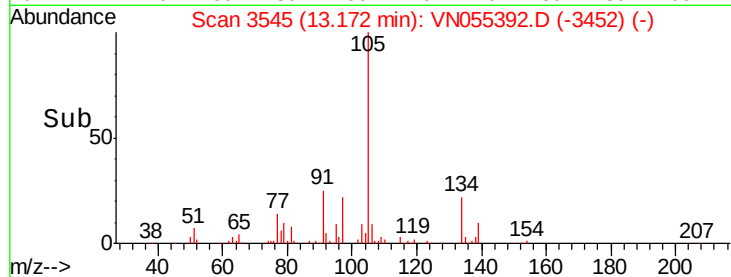
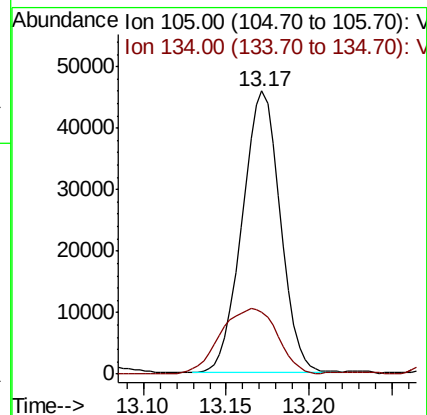
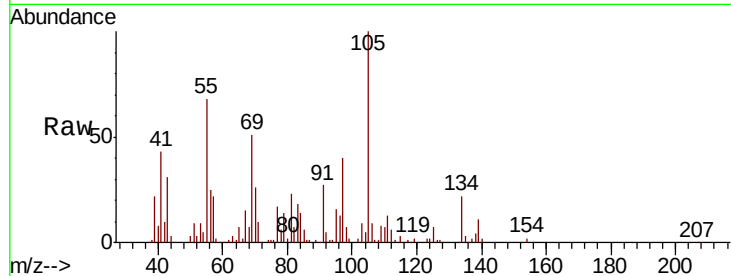
EP1-SB-W2(17-20)DL

Tot Ion:105 Resp: 73290

Ion Ratio Lower Upper

105 100

134 34.7 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 4.210 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

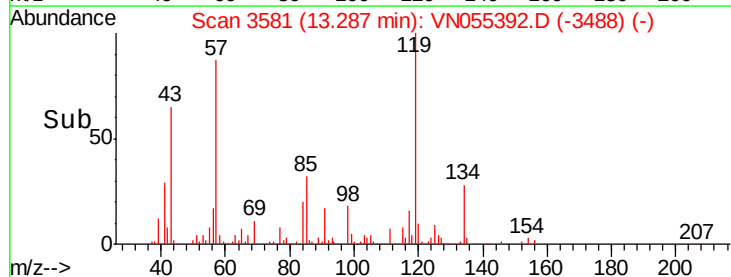
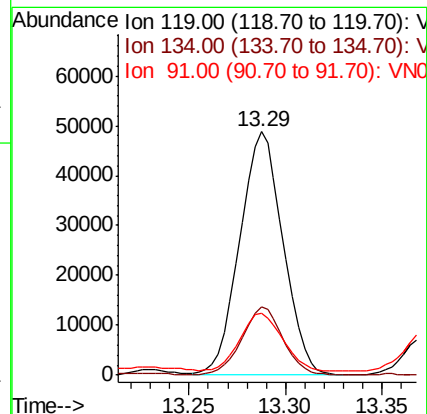
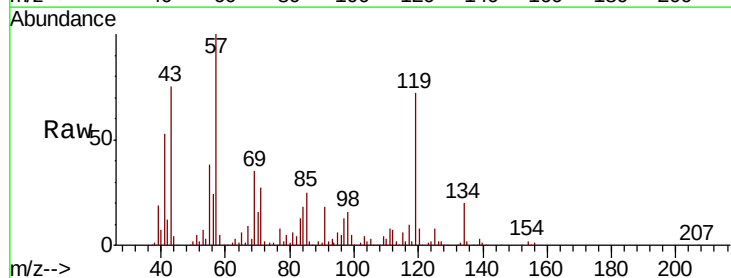
Tgt Ion:119 Resp: 75328

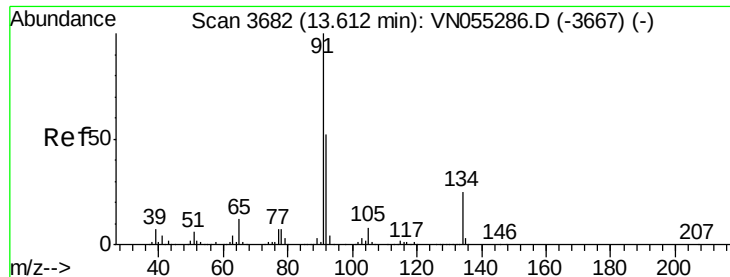
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 23.4 12.2 36.6

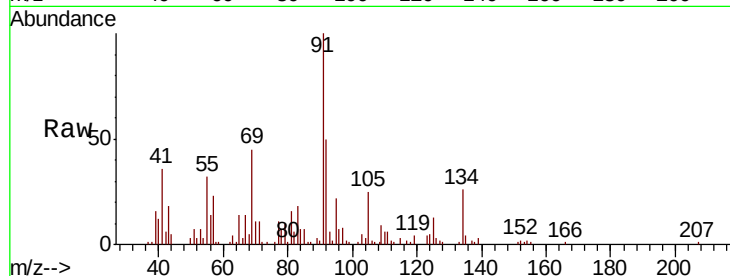




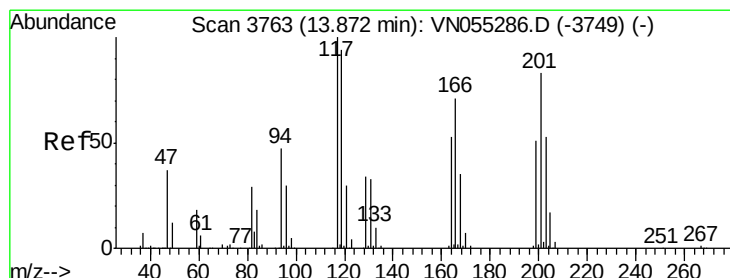
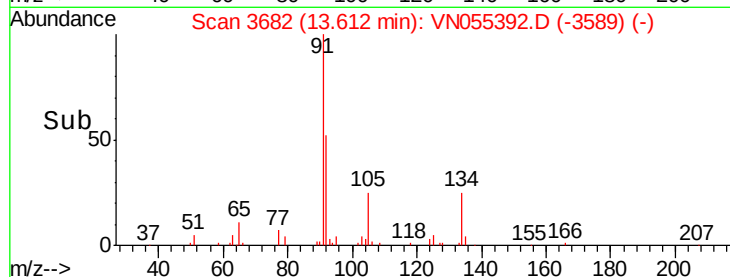
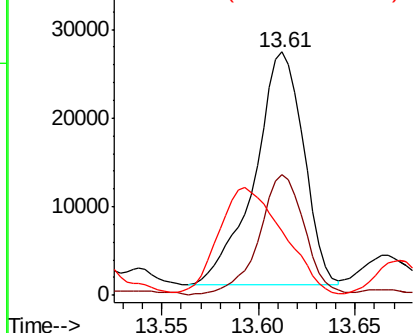
#89
n-Butylbenzene
Concen: 3.662 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

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

Tot Ion: 91 Resp: 46559
Ion Ratio Lower Upper
91 100
92 48.3 26.1 78.3
134 61.3 12.4 37.4#

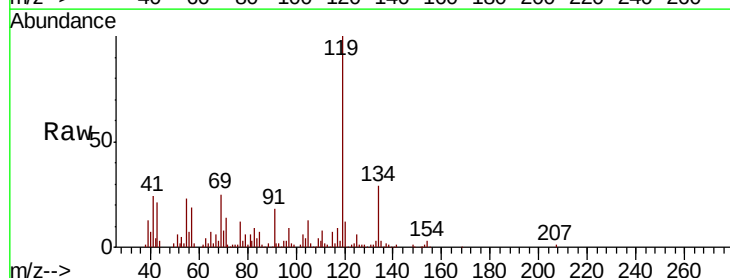


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

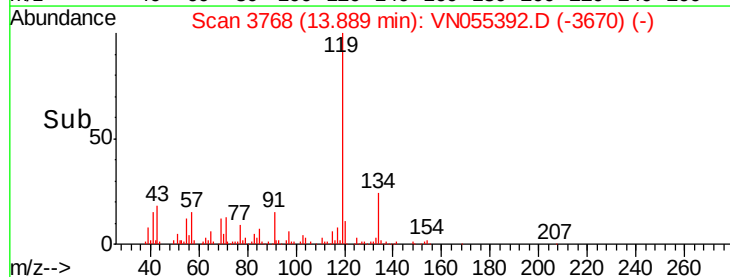
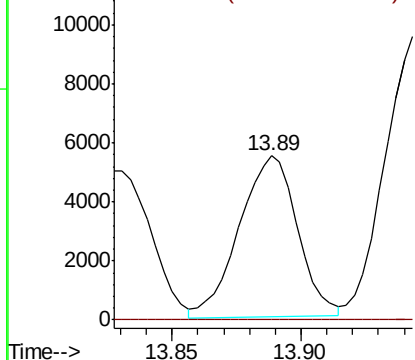


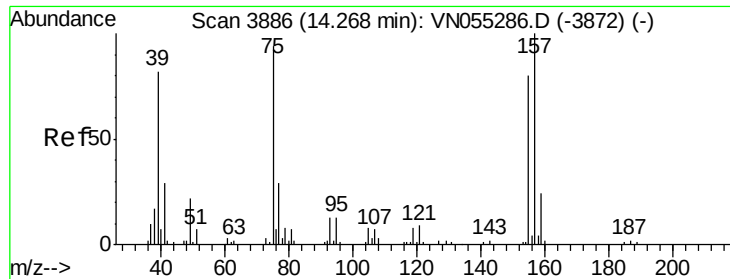
#90
Hexachloroethane
Concen: 1.502 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055392.D
Acq: 3 May 2019 16:12

Tgt Ion: 117 Resp: 8584
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: 1.217 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)DL

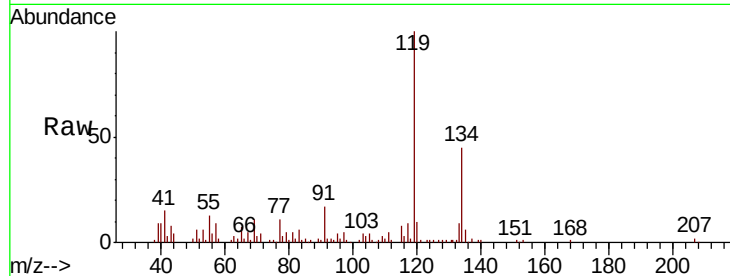
Tot Ion: 75 Resp: 818

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

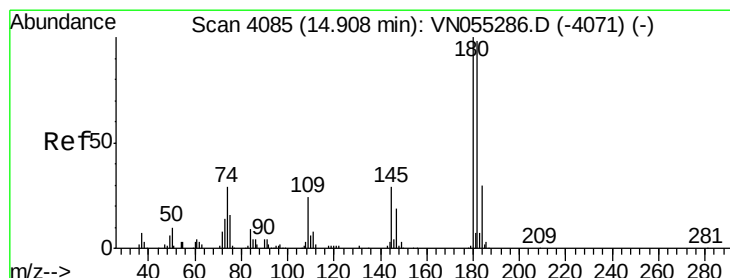
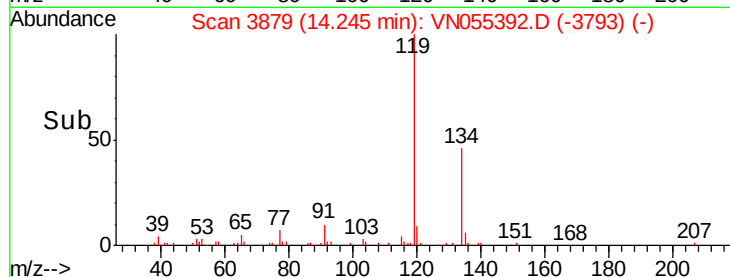
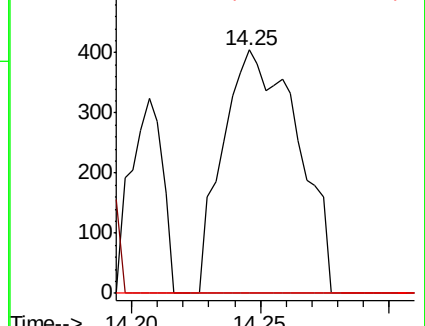
157 0.0 54.0 162.2#



Abundance Ion 74.90 (74.60 to 75.60): VN055392.D (-3793) (-)

Ion 154.80 (154.50 to 155.50): VN055392.D (-3793) (-)

Ion 156.80 (156.50 to 157.50): VN055392.D (-3793) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.421 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

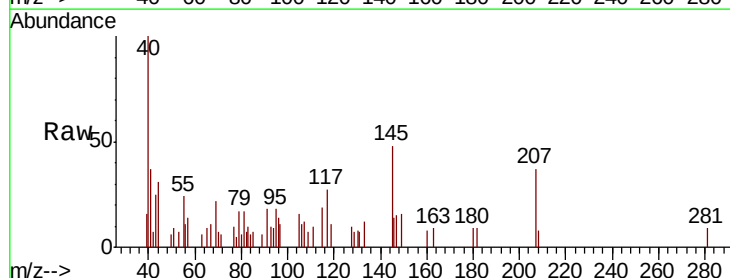
Tgt Ion: 180 Resp: 396

Ion Ratio Lower Upper

180 100

182 83.1 48.3 144.9

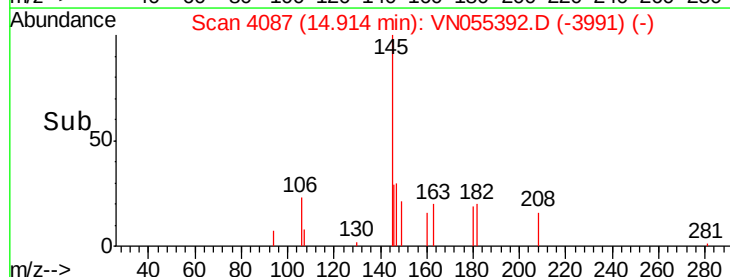
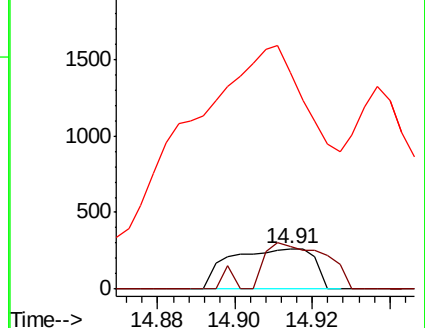
145 1012.4 14.2 42.6#

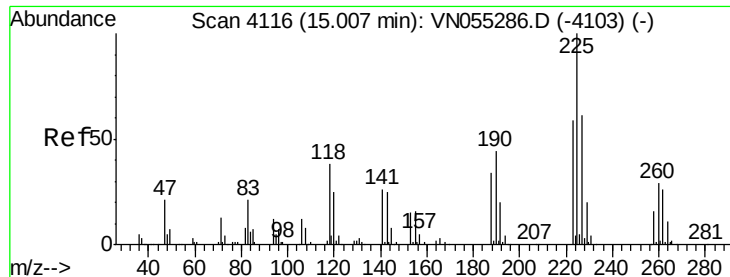


Abundance Ion 179.80 (179.50 to 180.50): VN055392.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN055392.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN055392.D (-3991) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)DL

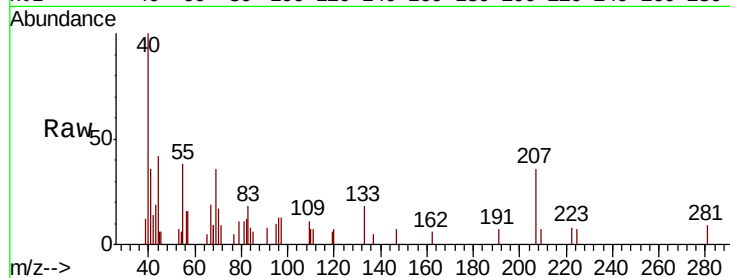
Tot Ion:225 Resp: 110

Ion Ratio Lower Upper

225 100

223 228.2 30.3 90.8#

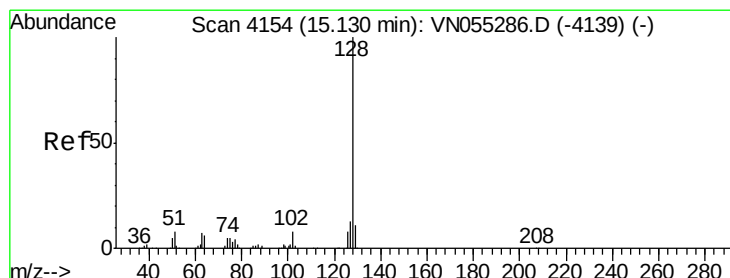
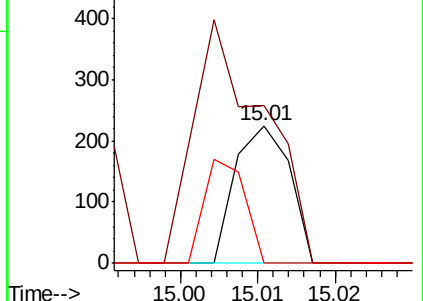
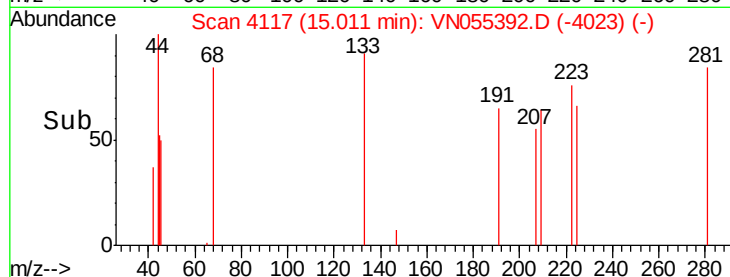
227 56.4 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.948 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055392.D

Acq: 3 May 2019 16:12

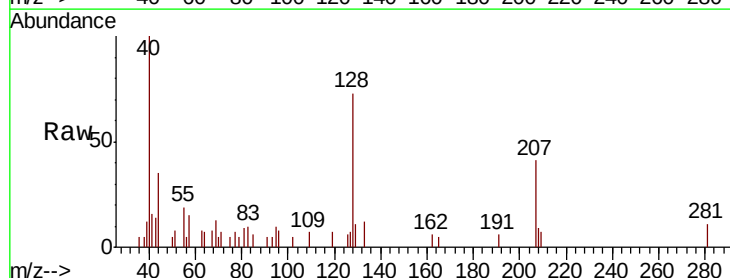
Tgt Ion:128 Resp: 4712

Ion Ratio Lower Upper

128 100

127 7.0 10.7 16.1#

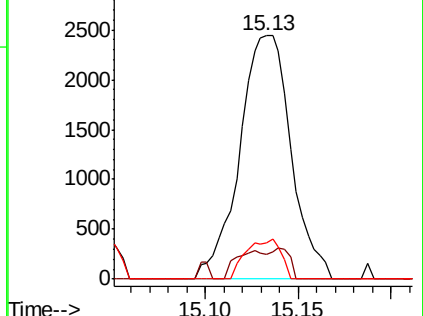
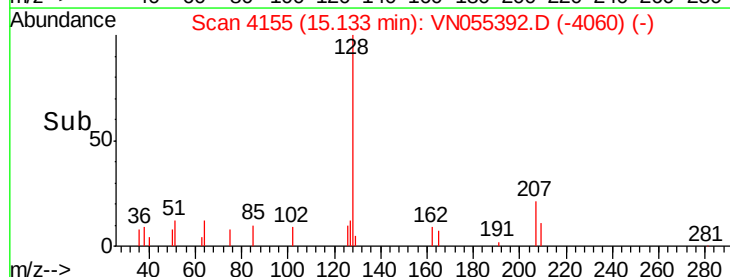
129 11.1 8.6 13.0

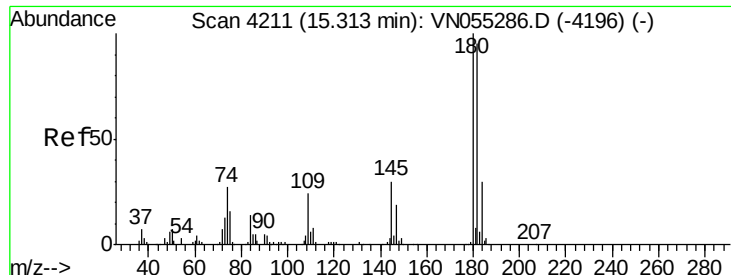


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

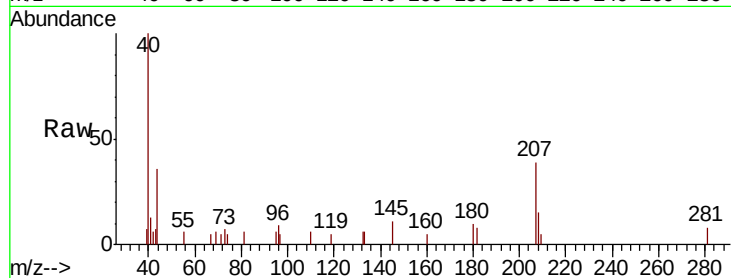




#96
 1,2,3-Trichlorobenzene
 Concen: 2.733 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055392.D
 Acq: 3 May 2019 16:12

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.9	48.3	144.9
145	23.9	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

