

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055365.D
 Acq On : 2 May 2019 22:37
 Operator : JC/SP
 Sample : K2658-01 10X
 Misc : 6.10g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(14-17)

Quant Time: May 03 05:19:05 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	408412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	700811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	651909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282967	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	274445	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	7.59	113	219361	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	887914	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.40	95	374022	72.05	ug/l	0.00
Spiked Amount			Recovery	=	144.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	101	0.423	ug/l #	14
16) Acetone	3.82	43	539	0.324	ug/l #	45
17) Carbon Disulfide	4.06	76	3556	0.338	ug/l #	74
18) Methyl Acetate	4.34	43	2289	Below Cal	#	90
31) Cyclohexane	7.67	56	10687	1.272	ug/l #	6
36) 1,1-Dichloropropene	7.67	75	31114	4.635	ug/l #	50
38) Carbon Tetrachloride	7.66	117	37737	5.828	ug/l #	16
39) Methylcyclohexane	9.09	83	12780	1.791	ug/l	92
41) Methacrylonitrile	7.18	41	73	0.766	ug/l #	44
51) 4-Methyl-2-Pentanone	10.09	43	17966	3.860	ug/l #	80
55) 1,1,2-Trichloroethane	10.53	97	60523	14.355	ug/l #	18
56) Ethyl methacrylate	10.43	69	26330	5.074	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.72	63	109	12.469	ug/l #	52
59) 2-Hexanone	10.72	43	547805	188.086	ug/l #	32
67) Ethyl Benzene	11.51	91	30068	1.306	ug/l	93
68) m/p-Xylenes	11.63	106	1905	0.232	ug/l #	1
69) o-Xylene	11.94	106	1748	0.215	ug/l #	1
73) Isopropylbenzene	12.25	105	361613	13.769	ug/l	100
74) N-amyl acetate	12.04	43	1619068	222.950	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.48	83	108416	17.255	ug/l #	88
76) 1,2,3-Trichloropropane	12.59	75	11217	Below Cal	#	100
77) Bromobenzene	12.51	156	901	Below Cal	#	1
78) n-propylbenzene	12.59	91	1727422	59.430	ug/l	99
79) 2-Chlorotoluene	12.73	91	128634	6.048	ug/l	71
80) 1,3,5-Trimethylbenzene	12.73	105	968915	43.677	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.25	75	5170	3.462	ug/l #	8
82) 4-Chlorotoluene	12.73	91	129834	7.682	ug/l #	71
83) tert-Butylbenzene	12.99	119	164237	8.016	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	6246146	314.827	ug/l	100
85) sec-Butylbenzene	13.17	105	1211336	50.239	ug/l #	77
86) p-Isopropyltoluene	13.29	119	1149527	58.005	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2037	0.228	ug/l #	1
89) n-Butylbenzene	13.61	91	1030409	73.171	ug/l #	79
90) Hexachloroethane	13.89	117	186954	59.892	ug/l #	7

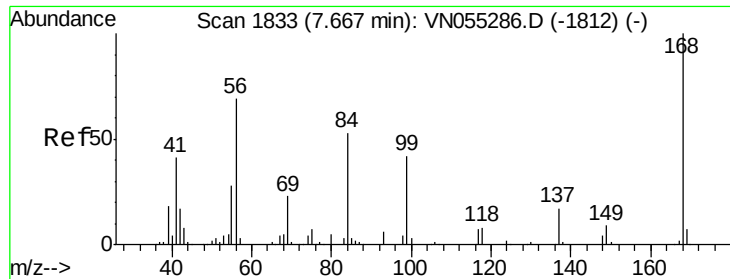
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055365.D
Acq On : 2 May 2019 22:37
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11760	15.797	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	4528	4.453	ug/l #	1
94) Hexachlorobutadiene	15.01	225	1603	Below Cal		91
95) Naphthalene	15.13	128	51833	9.480	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	5008	3.915	ug/l #	36

(#) = 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: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

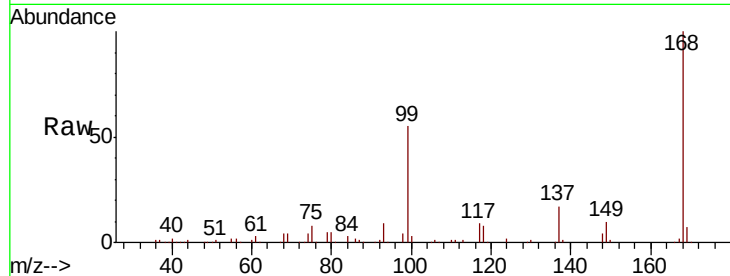
EP1-SB-W2(14-17)

Tot Ion:168 Resp: 408412

Ion Ratio Lower Upper

168 100

99 55.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

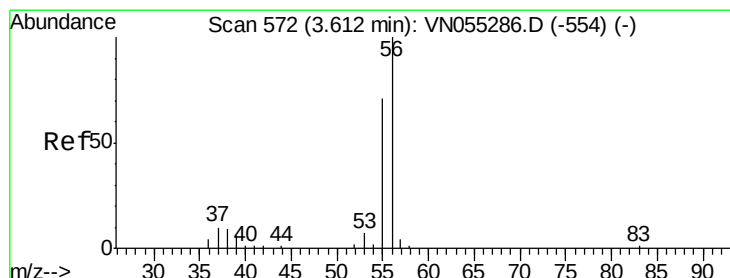
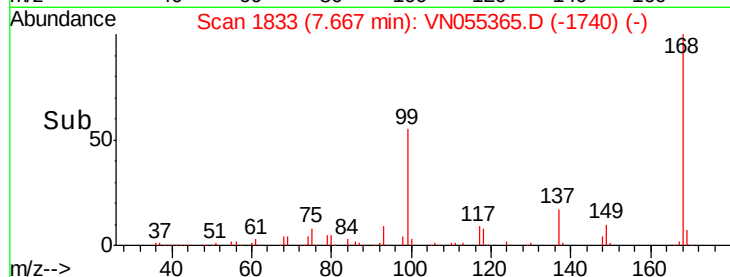
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.423 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN055365.D

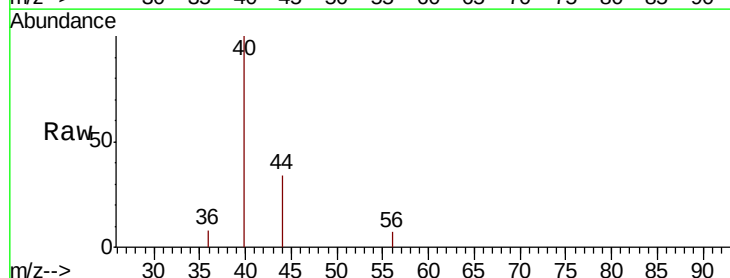
Acq: 2 May 2019 22:37

Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.61

200

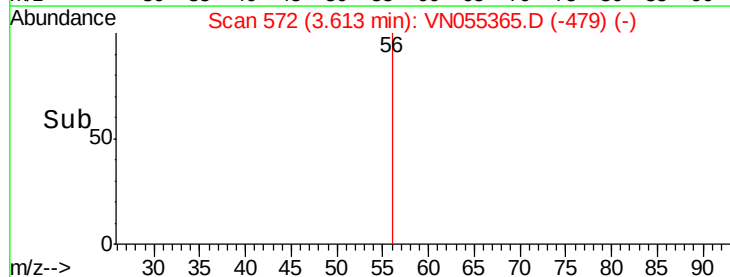
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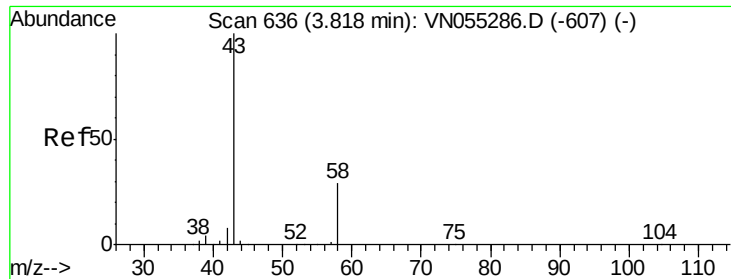
100

50

0

Time-->





#16

Acetone

Concen: 0.324 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

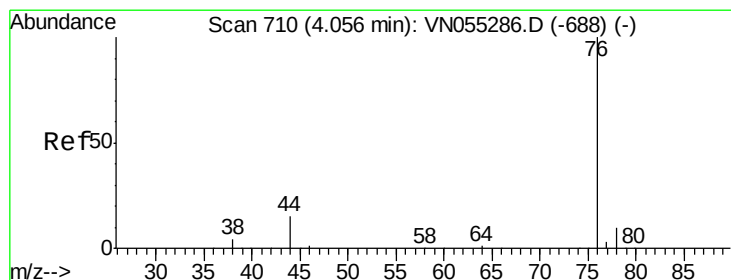
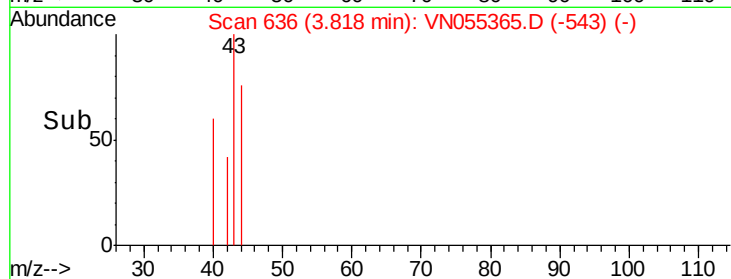
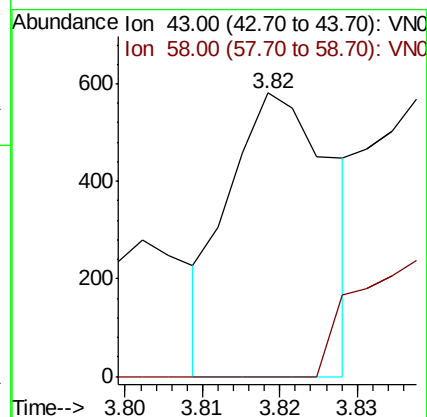
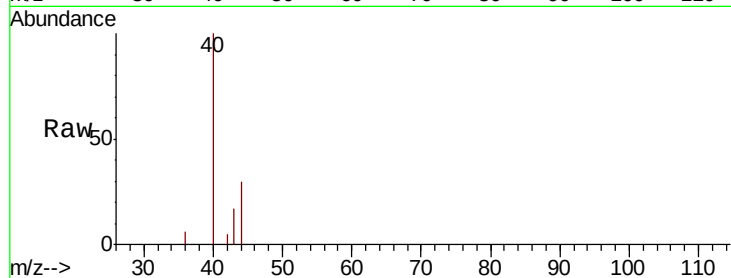
EP1-SB-W2(14-17)

Tot Ion: 43 Resp: 539

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



#17

Carbon Disulfide

Concen: 0.338 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055365.D

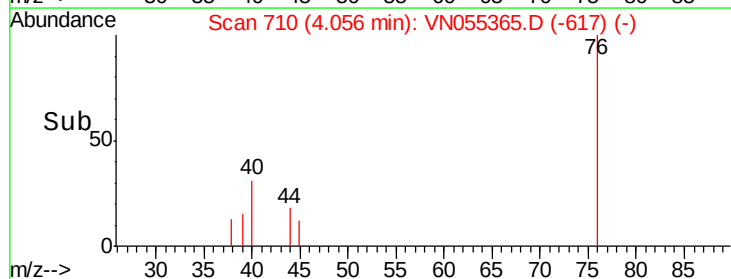
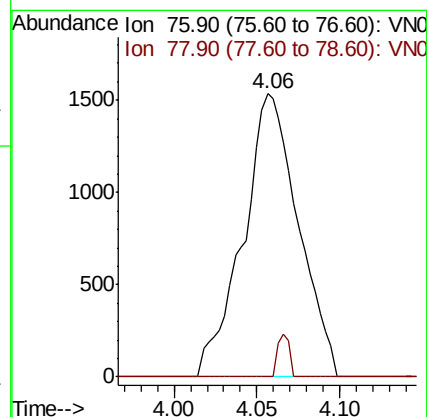
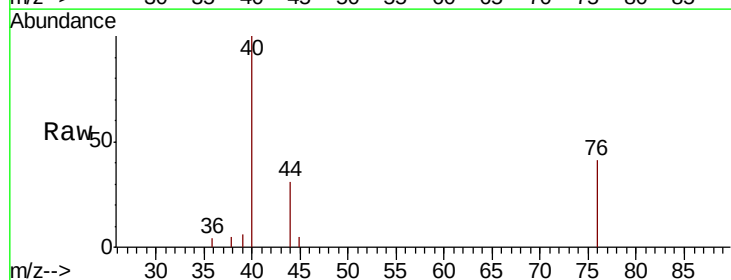
Acq: 2 May 2019 22:37

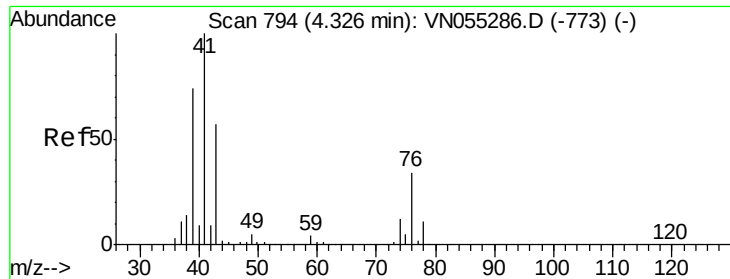
Tgt Ion: 76 Resp: 3556

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#

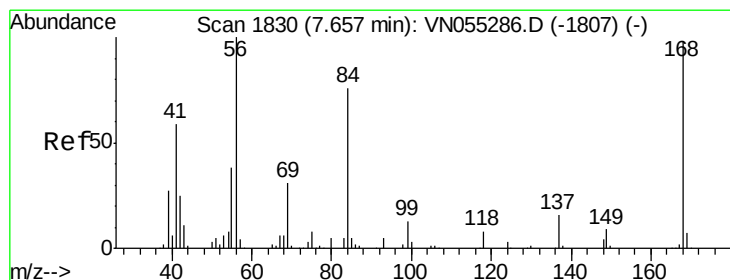
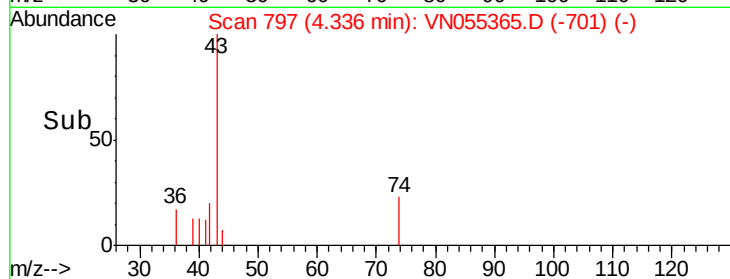
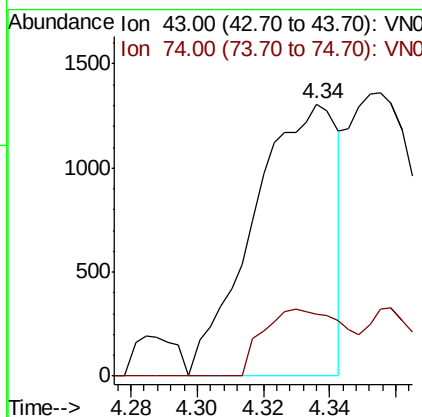
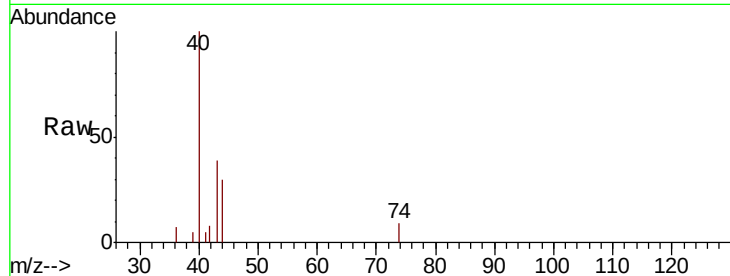




#18
Methvl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

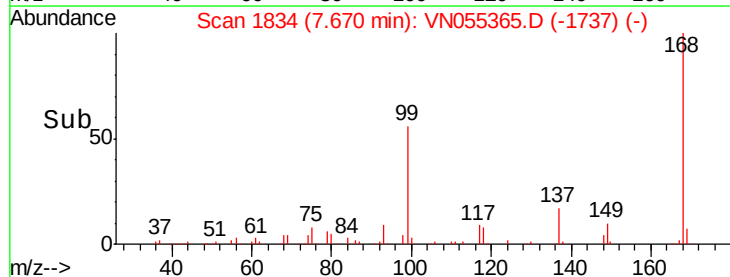
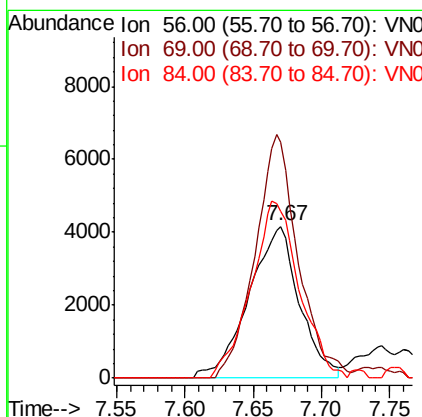
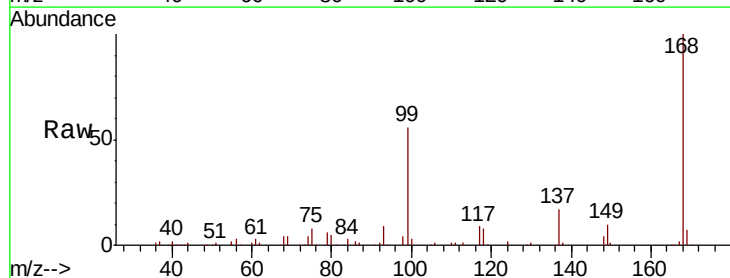
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(14-17)

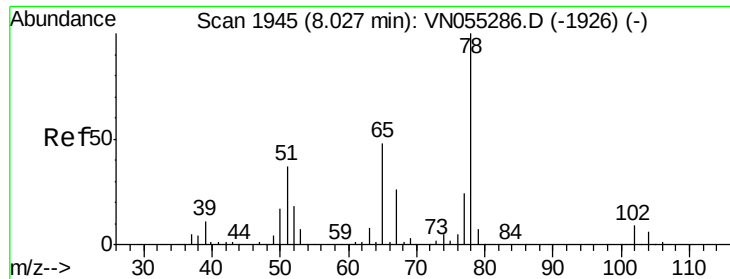
Tot Ion: 43 Resp: 2289
Ion Ratio Lower Upper
43 100
74 24.2 15.8 23.8#



#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

Tgt Ion: 56 Resp: 10687
Ion Ratio Lower Upper
56 100
69 156.0 25.2 37.8#
84 110.3 61.1 91.7#





#33

1,2-Dichloroethane-d4

Concen: 51.366 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

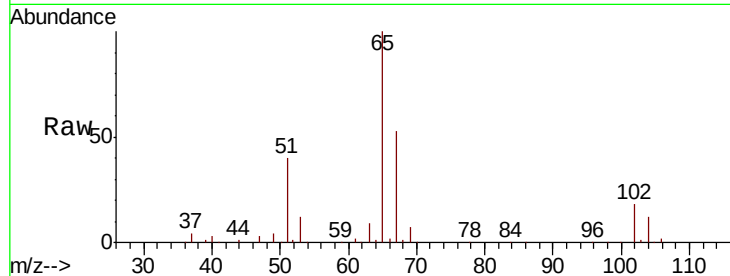
EP1-SB-W2(14-17)

Tot Ion: 65 Resp: 274445

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055286.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055286.D (-1926) (-)

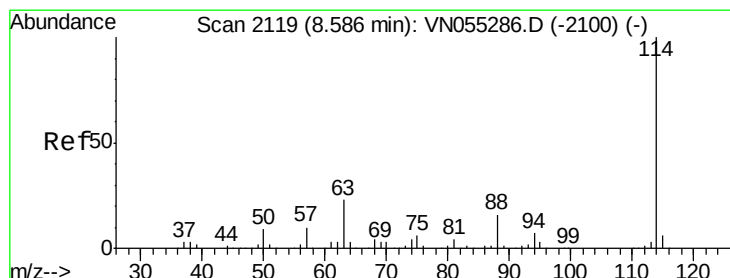
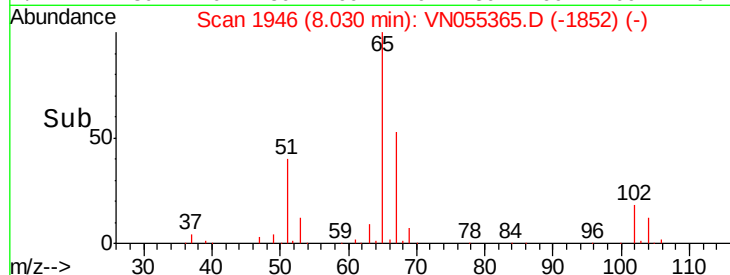
8.03

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

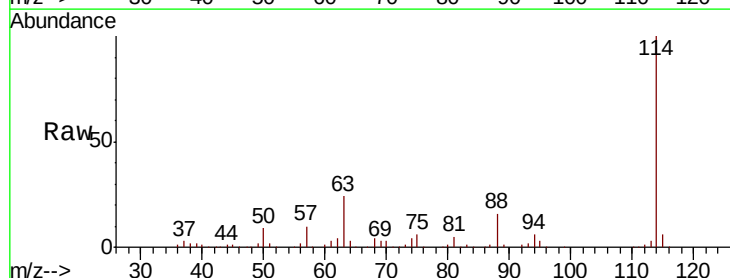
Tgt Ion:114 Resp: 700811

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.2

88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN055286.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN055286.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN055286.D (-2100) (-)

8.59

400000

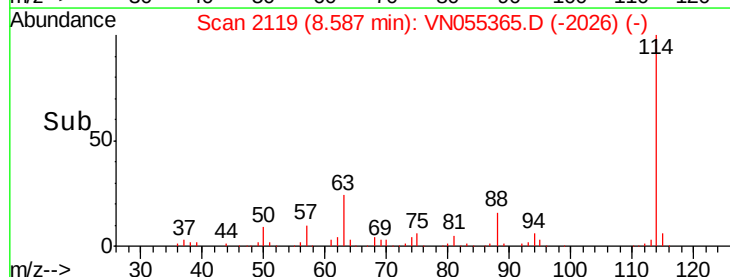
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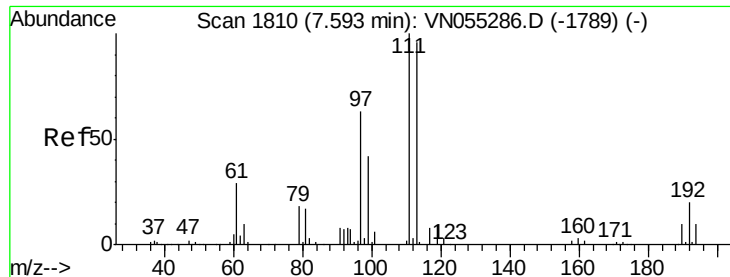
200000

100000

0

Time-->

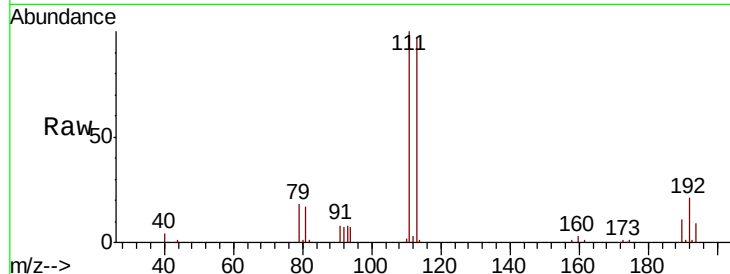




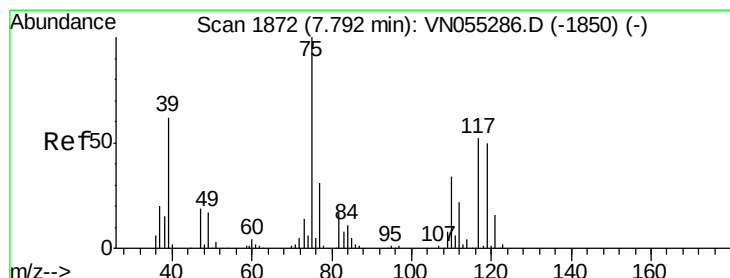
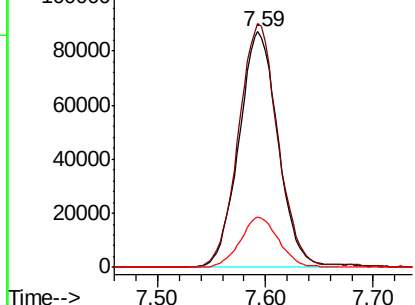
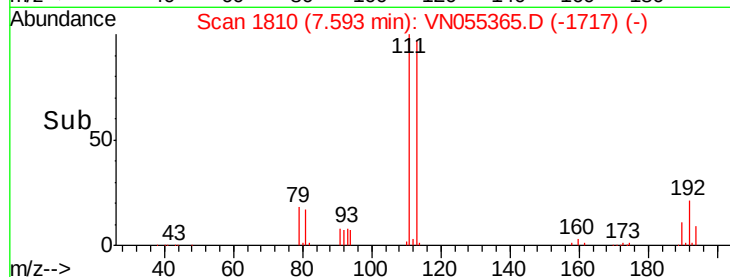
#35
 Dibromofluoromethane
 Concen: 47.688 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055365.D
 Acq: 2 May 2019 22:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(14-17)

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.3	123.5
192	20.9	17.0	25.6

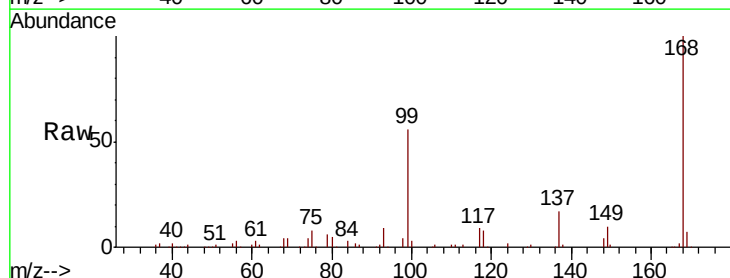


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

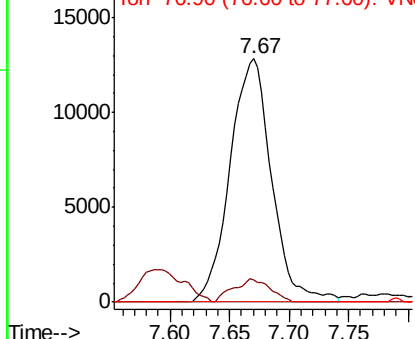
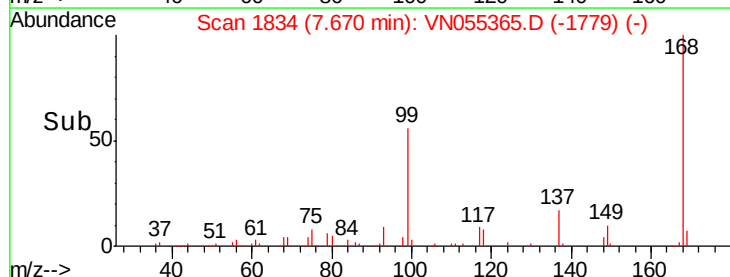


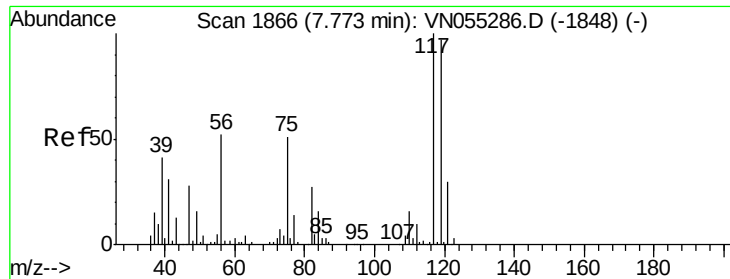
#36
 1,1-Dichloropropene
 Concen: 4.635 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN055365.D
 Acq: 2 May 2019 22:37

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: 5.828 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(14-17)

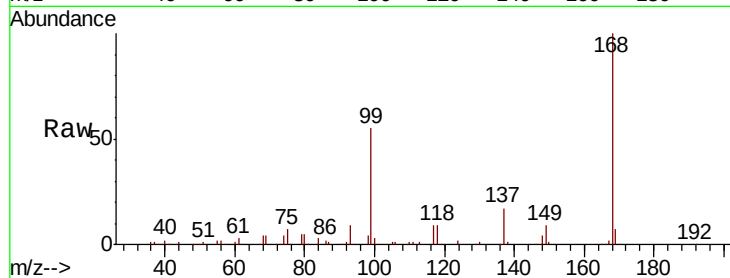
Tot Ion:117 Resp: 37737

Ion Ratio Lower Upper

117 100

119 5.4 77.0 115.6#

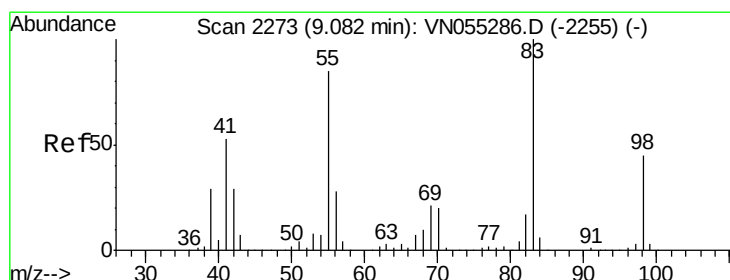
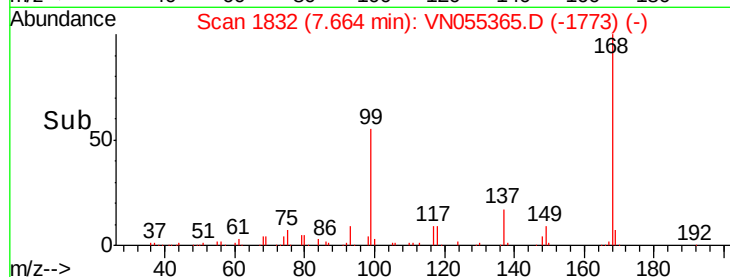
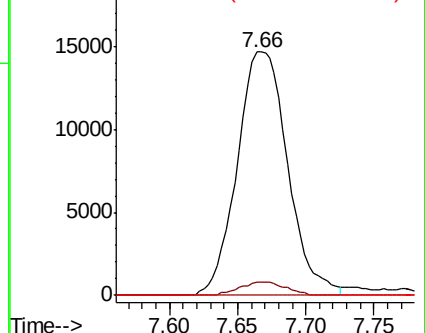
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.791 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

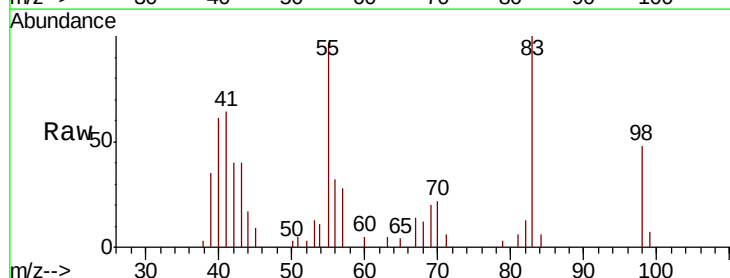
Tgt Ion: 83 Resp: 12780

Ion Ratio Lower Upper

83 100

55 93.5 67.8 101.6

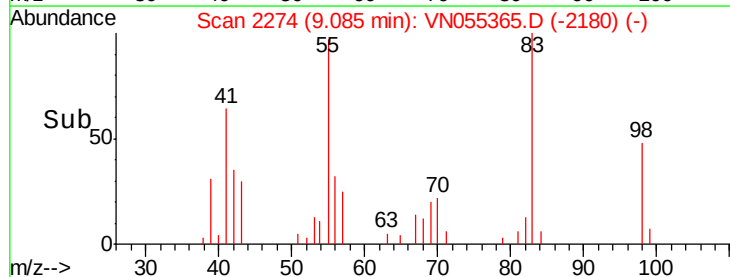
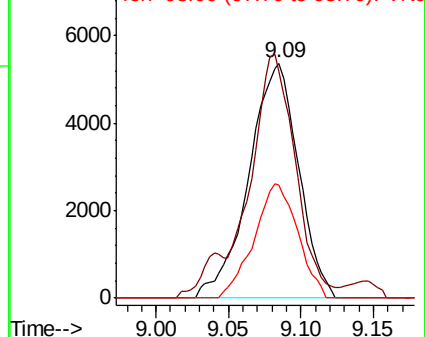
98 48.1 36.2 54.4

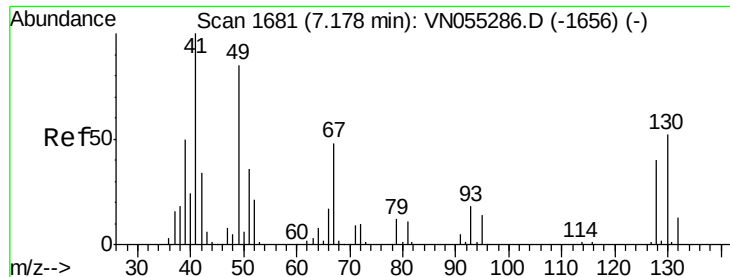


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

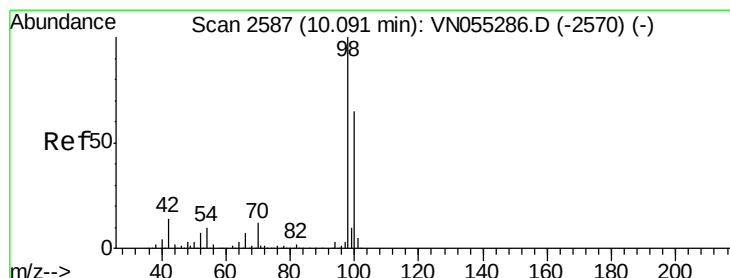
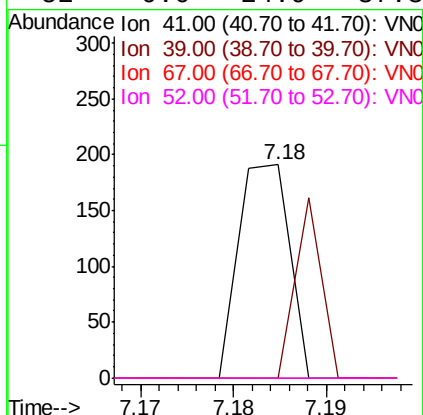
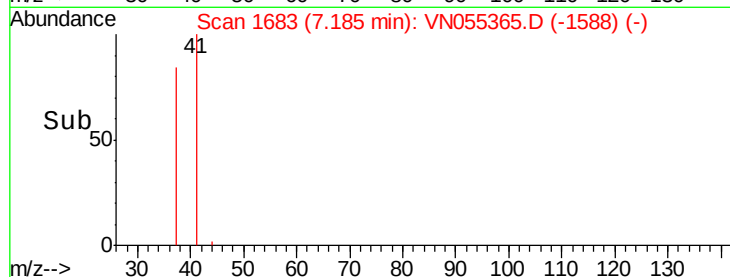
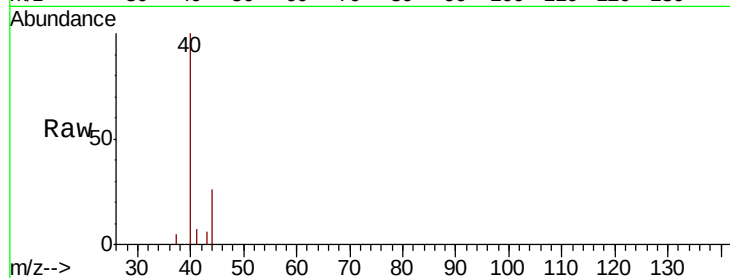




#41
Methacrylonitrile
Concen: 0.766 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

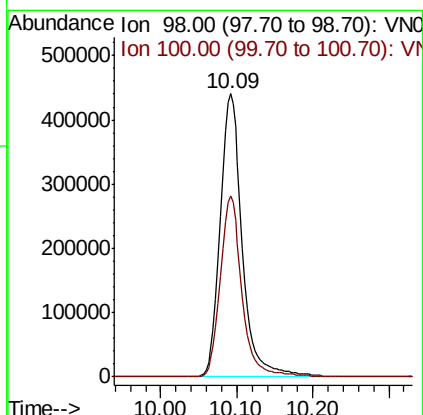
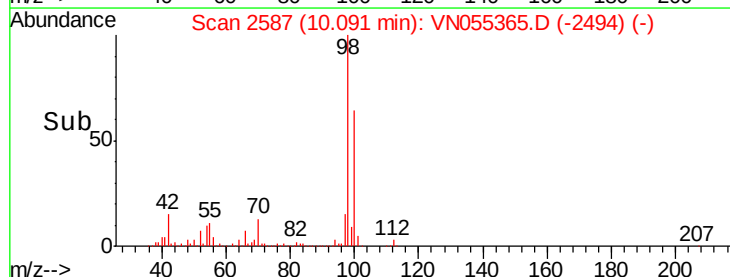
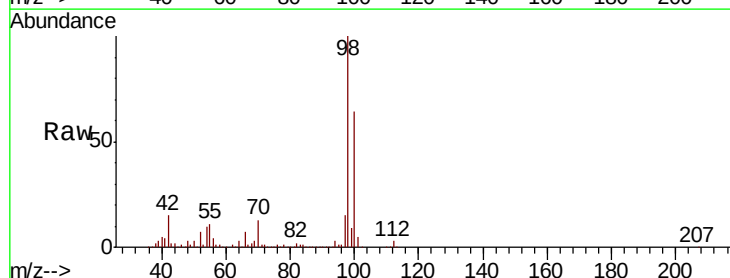
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(14-17)

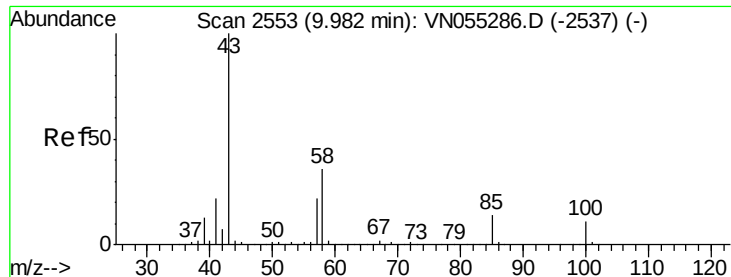
Tot Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
39 42.5 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 53.458 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

Tgt Ion: 98 Resp: 887914
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 3.860 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

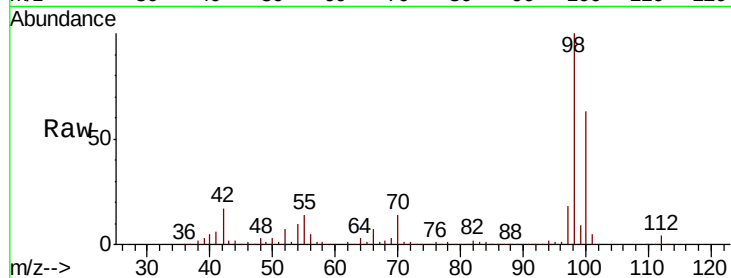
EP1-SB-W2(14-17)

Tot Ion: 43 Resp: 17966

Ion Ratio Lower Upper

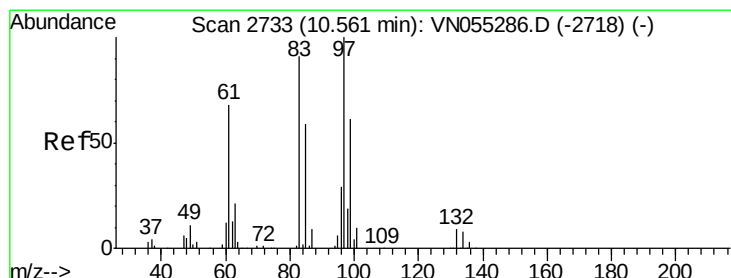
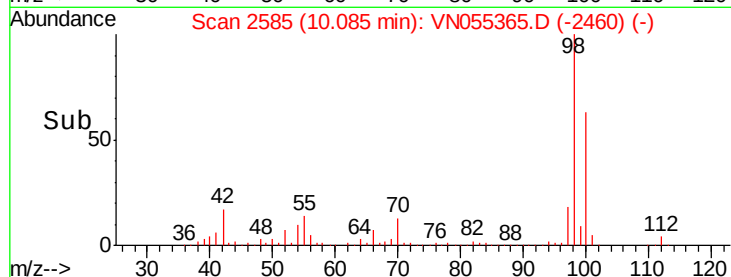
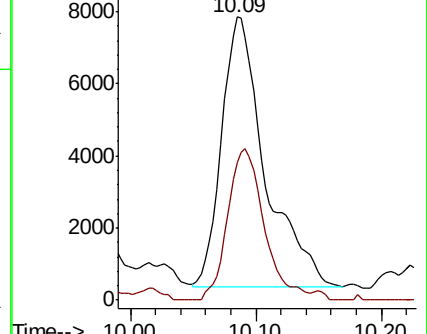
43 100

58 47.2 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055365.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055365.D (-2460) (-)



#55

1,1,2-Trichloroethane

Concen: 14.355 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Tgt Ion: 97 Resp: 60523

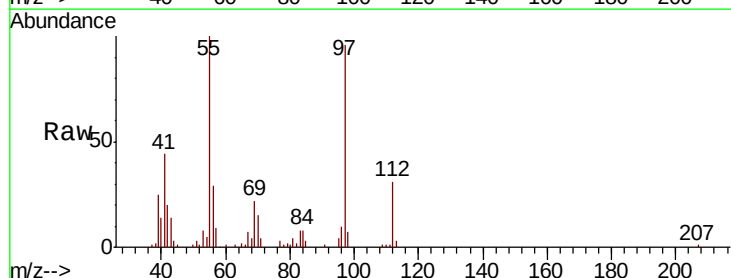
Ion Ratio Lower Upper

97 100

83 8.3 72.8 109.2#

85 2.8 47.0 70.6#

99 0.0 49.0 73.4#

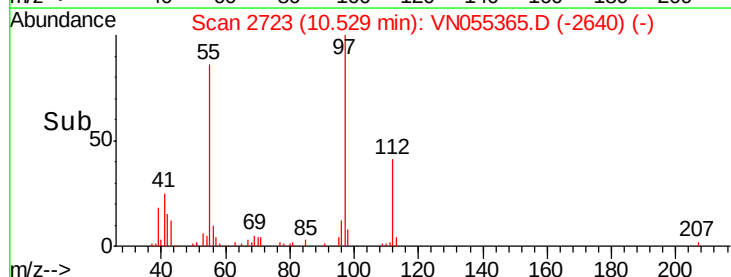
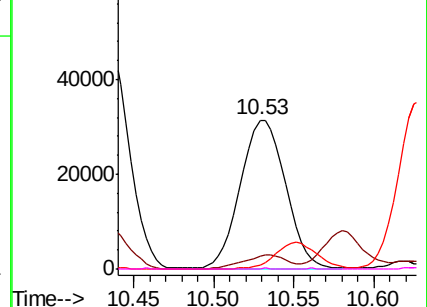


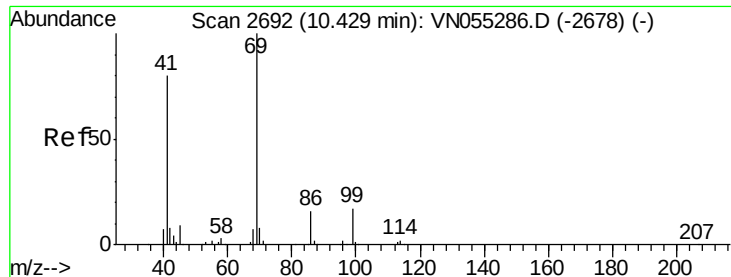
Abundance Ion 96.90 (96.60 to 97.60): VN055365.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN055365.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN055365.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN055365.D (-2640) (-)





#56

Ethyl methacrylate

Concen: 5.074 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(14-17)

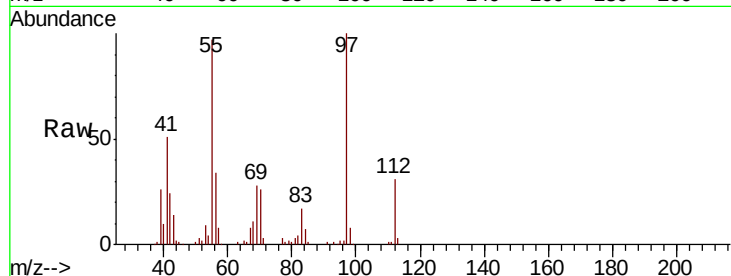
Tot Ion: 69 Resp: 26330

Ion Ratio Lower Upper

69 100

41 184.2 62.7 94.1#

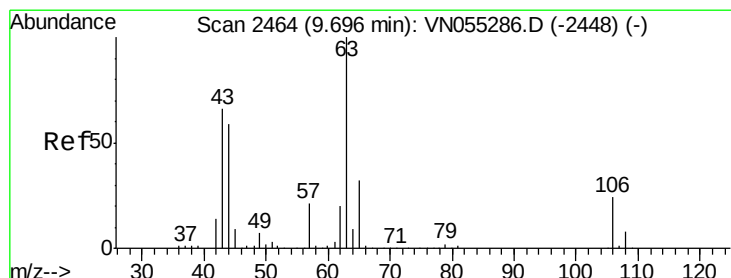
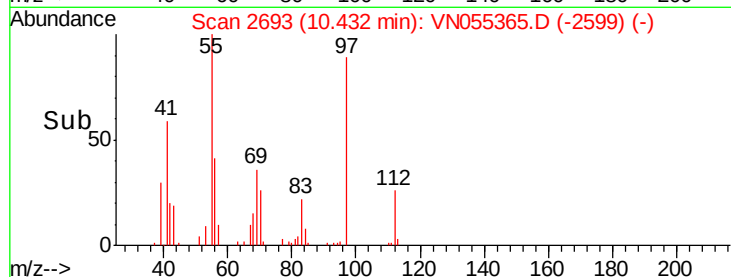
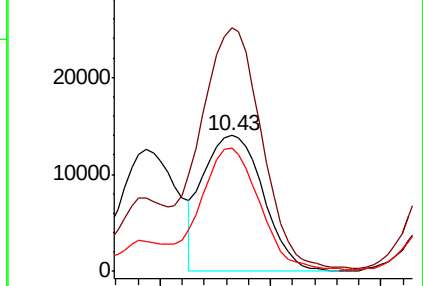
39 86.1 32.0 48.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 12.469 ug/l

RT: 9.72 min Scan# 2473

Delta R.T. 0.03 min

Lab File: VN055365.D

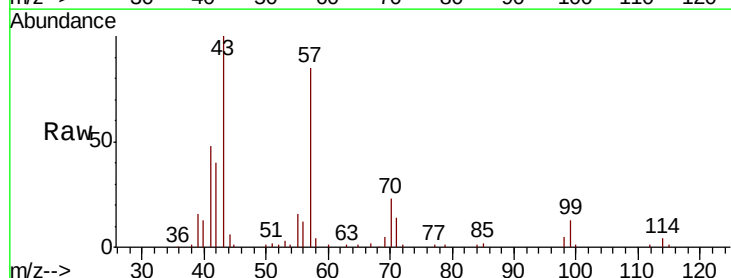
Acq: 2 May 2019 22:37

Tgt Ion: 63 Resp: 109

Ion Ratio Lower Upper

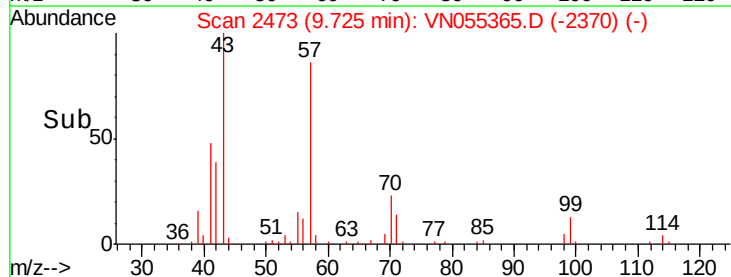
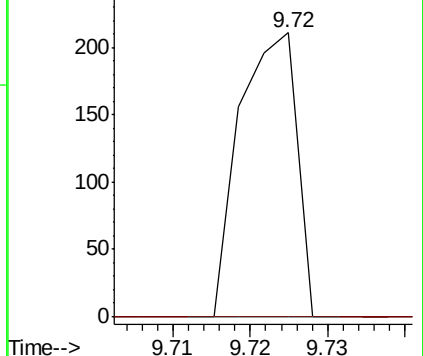
63 100

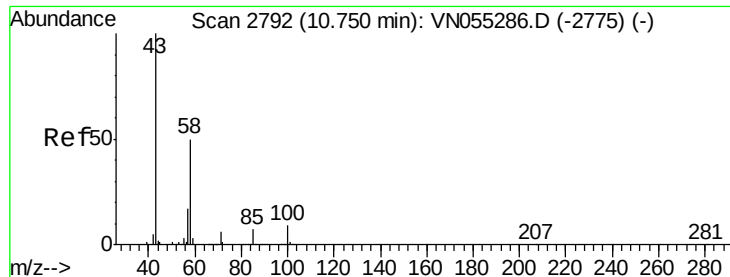
106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

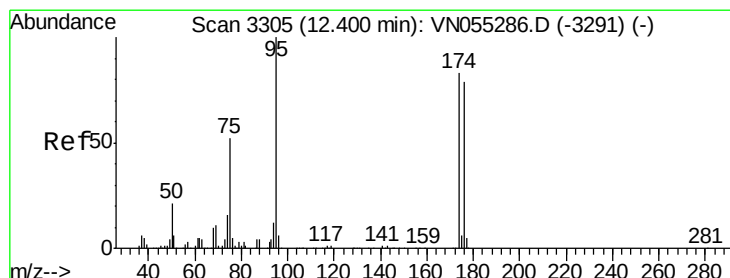
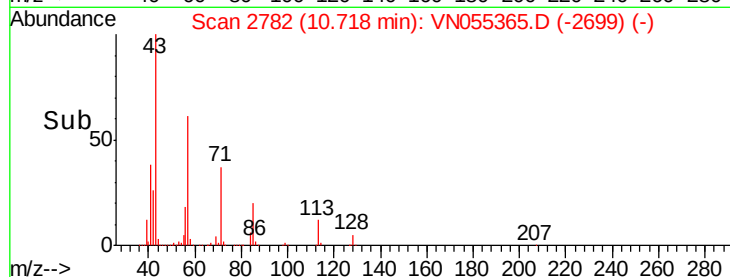
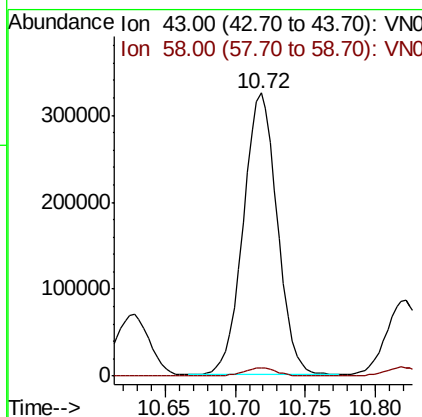
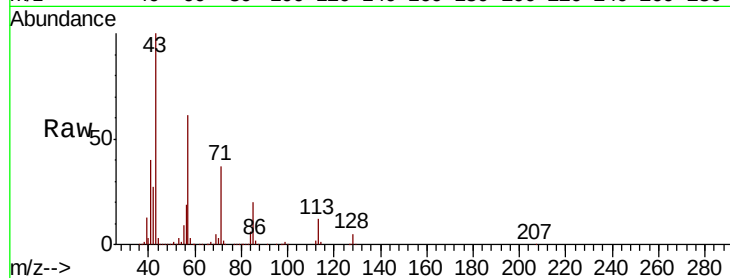




#59
2-Hexanone
Concen: 188.086 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

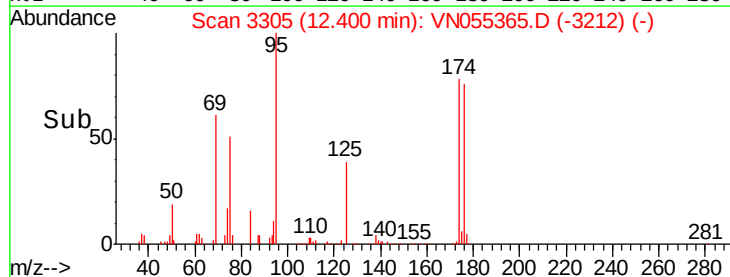
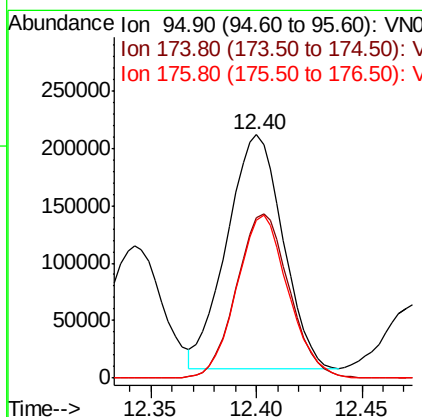
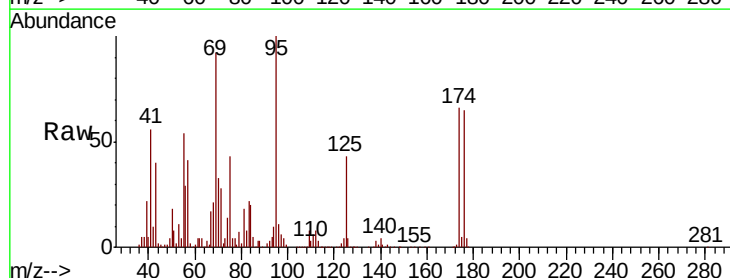
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(14-17)

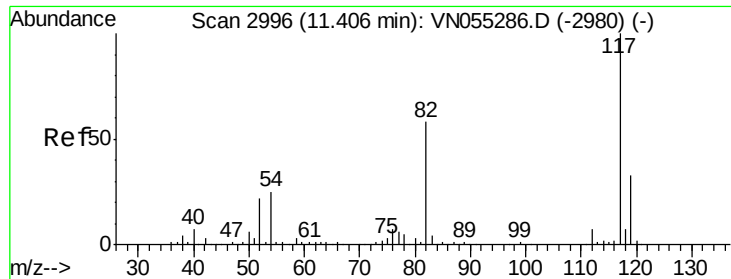
Tot Ion: 43 Resp: 547805
Ion Ratio Lower Upper
43 100
58 2.9 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 72.050 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

Tgt Ion: 95 Resp: 374022
Ion Ratio Lower Upper
95 100
174 66.7 0.0 166.6
176 64.6 0.0 157.8

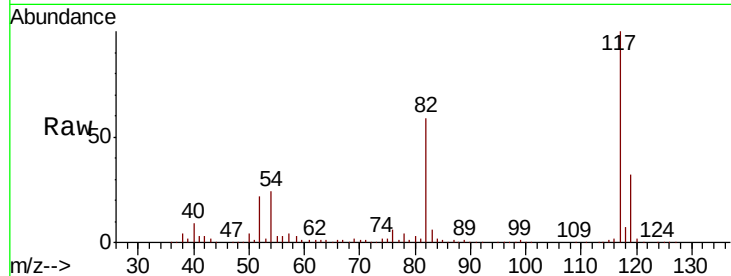




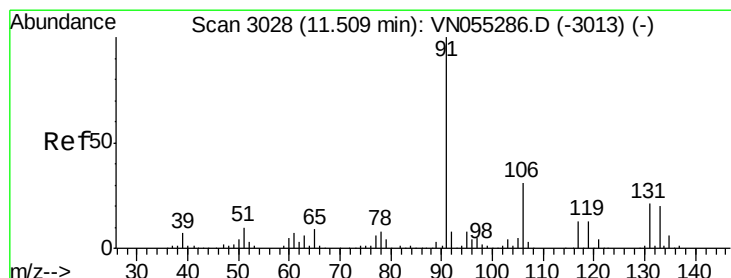
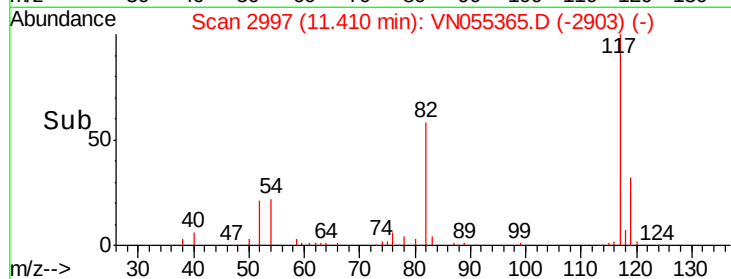
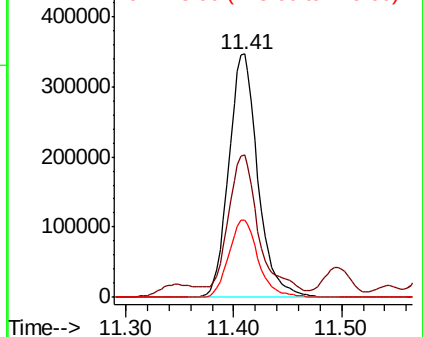
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(14-17)

Tot Ion:117 Resp: 651909
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.0 26.6 40.0

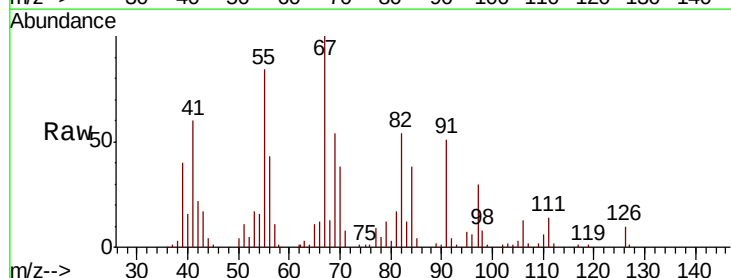


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

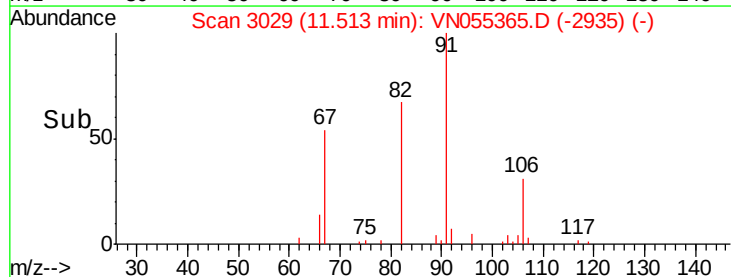
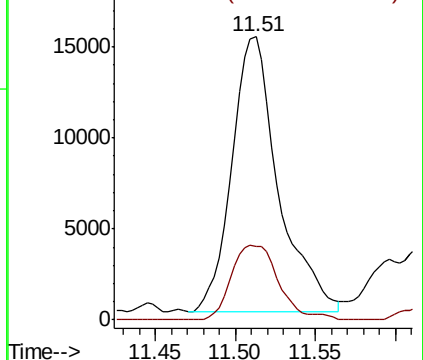


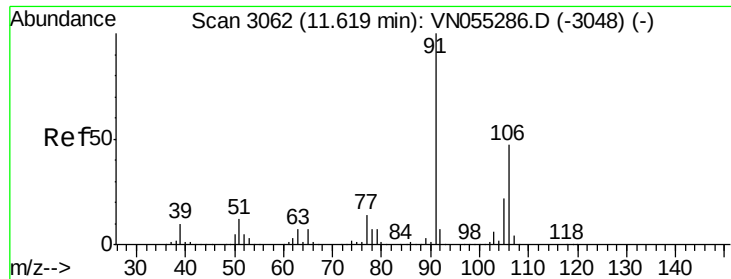
#67
Ethyl Benzene
Concen: 1.306 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

Tgt Ion: 91 Resp: 30068
Ion Ratio Lower Upper
91 100
106 26.9 24.6 36.8



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

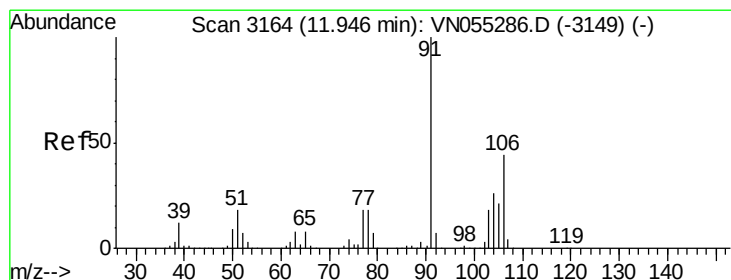
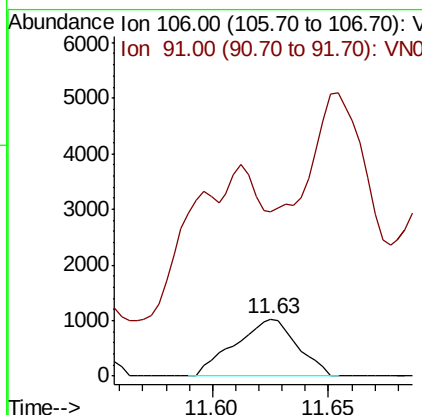
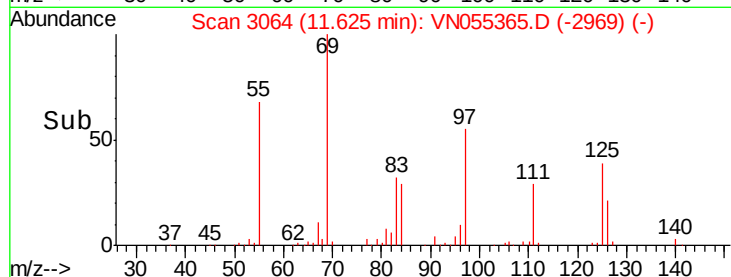
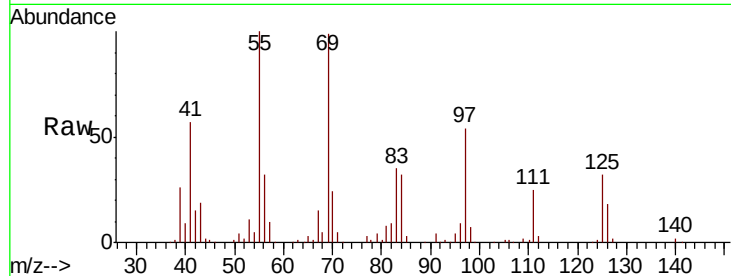




#68
m/p-Xylenes
Concen: 0.232 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

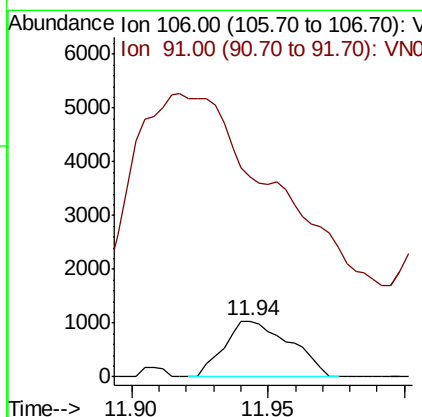
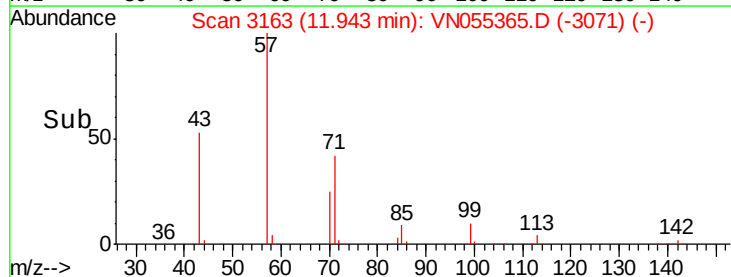
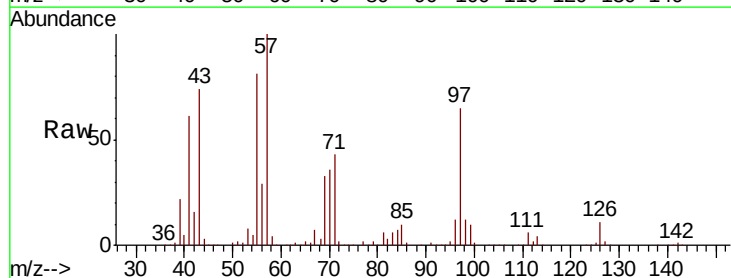
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(14-17)

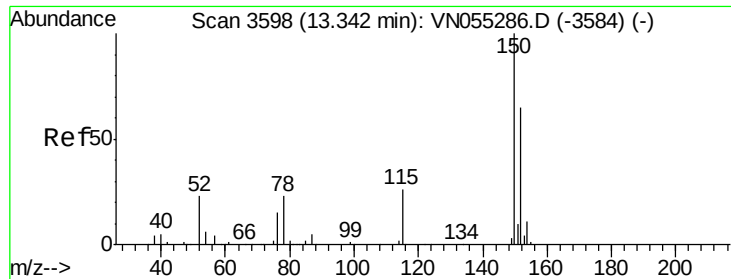
Tot Ion:106 Resp: 1905
Ion Ratio Lower Upper
106 100
91 0.0 169.5 254.3#



#69
o-Xylene
Concen: 0.215 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

Tgt Ion:106 Resp: 1748
Ion Ratio Lower Upper
106 100
91 0.0 111.5 334.5#



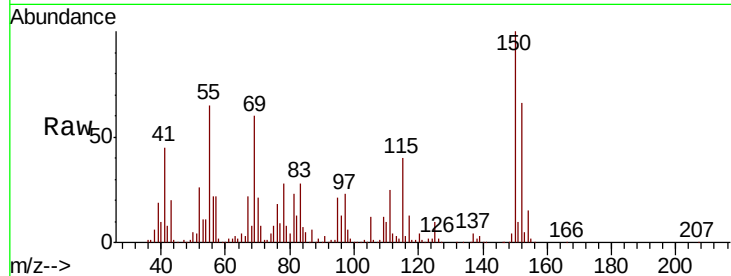


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(14-17)

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.7	29.0	87.0
150	138.4	0.0	345.6

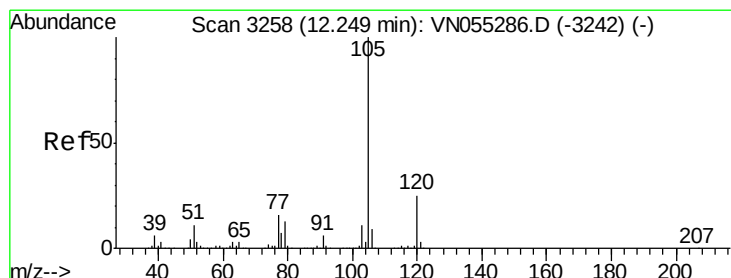
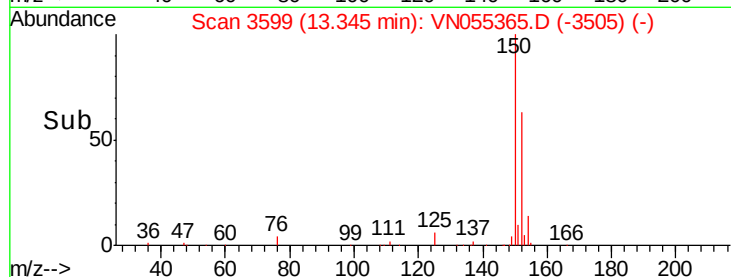
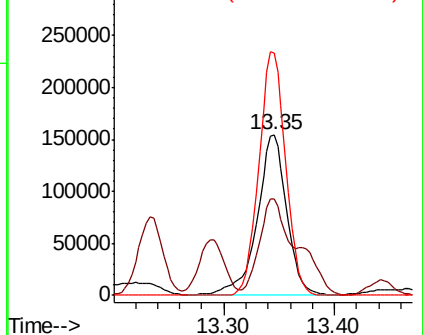


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

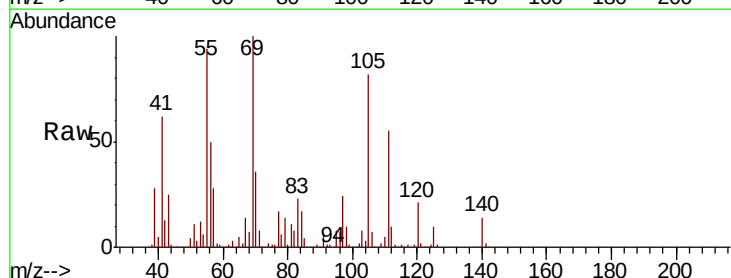
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 13.769 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055365.D
Acq: 2 May 2019 22:37

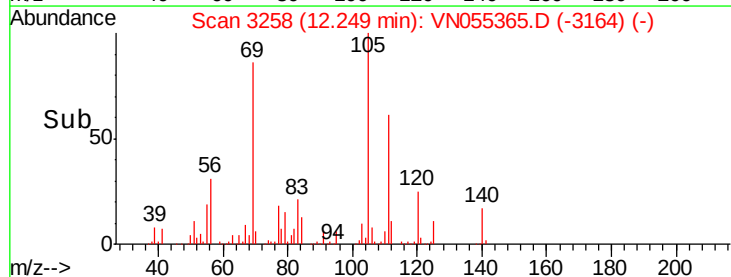
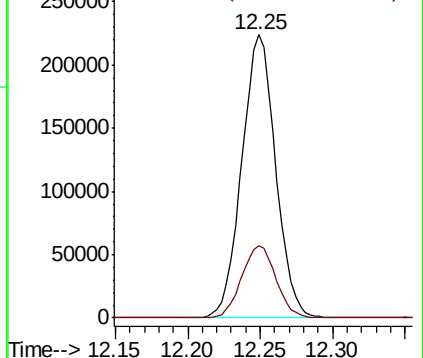
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.7

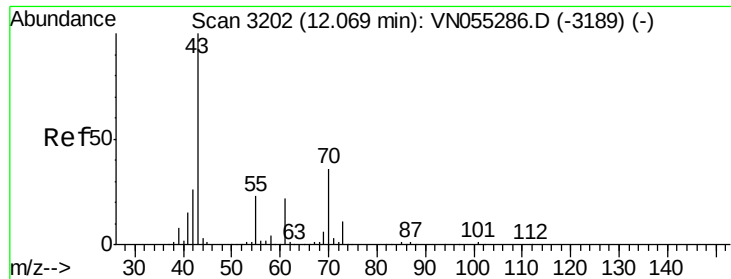


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 222.950 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

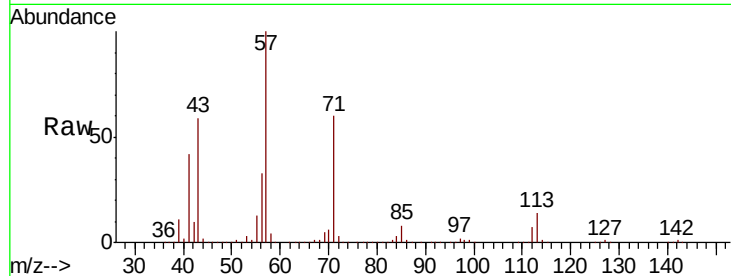
MSVOA_N

ClientSampleId :

EP1-SB-W2(14-17)

Tot Ion: 43 Resp: 1619068

Ion	Ratio	Lower	Upper
43	100		
70	7.8	27.9	41.9#
55	18.4	18.2	27.2
61	0.0	16.9	25.3#



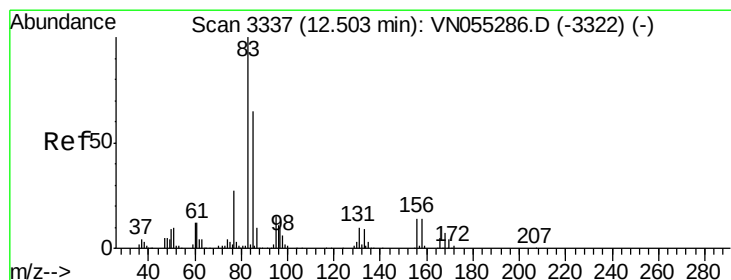
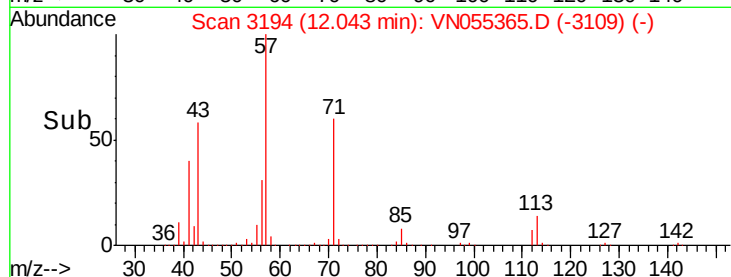
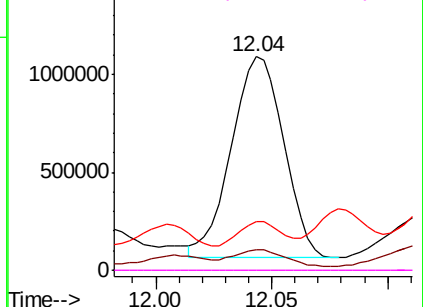
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 17.255 ug/l

RT: 12.48 min Scan# 3329

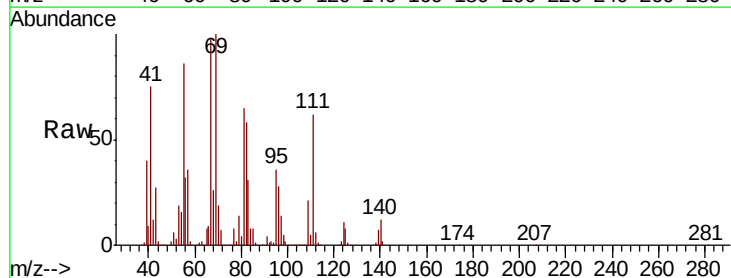
Delta R.T. -0.02 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Tgt Ion: 83 Resp: 108416

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.2#
85	57.3	32.3	96.8

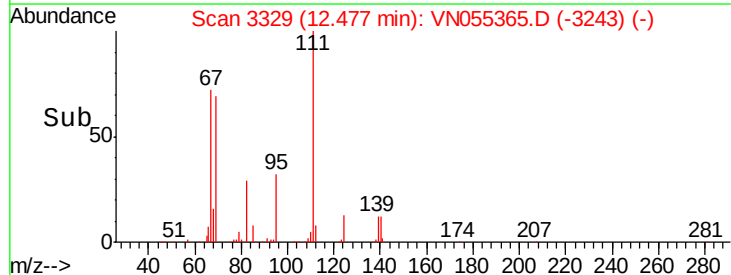
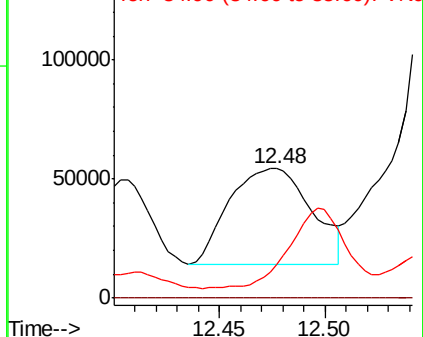


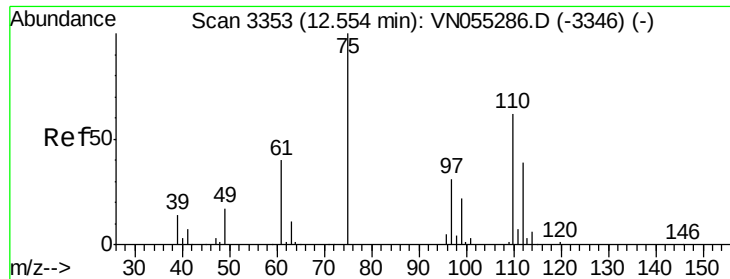
Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

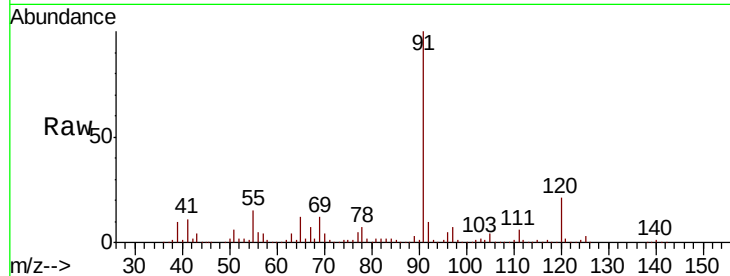
EP1-SB-W2(14-17)

Tot Ion: 75 Resp: 11217

Ion Ratio Lower Upper

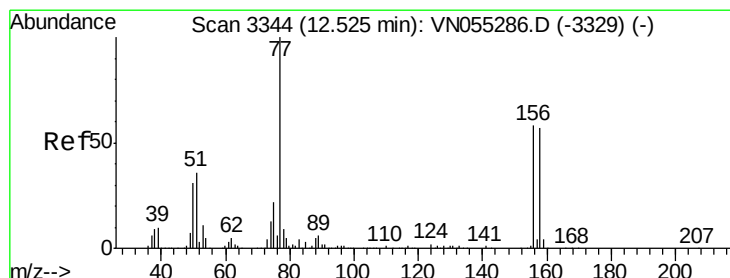
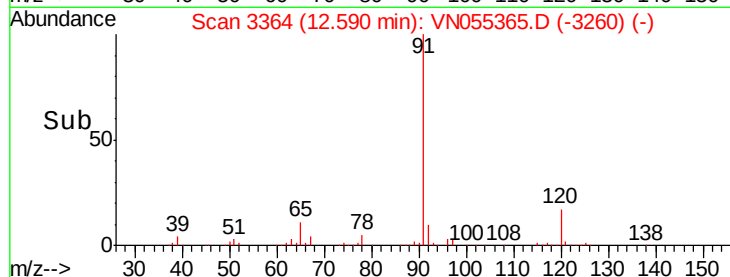
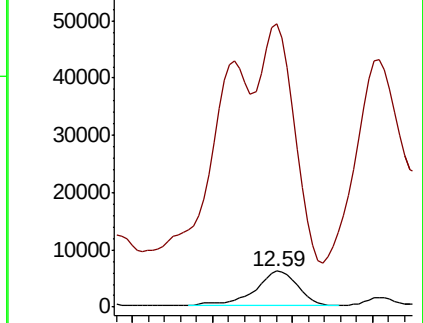
75 100

77 513.7 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: 12.51 min Scan# 3338

Delta R.T. -0.02 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

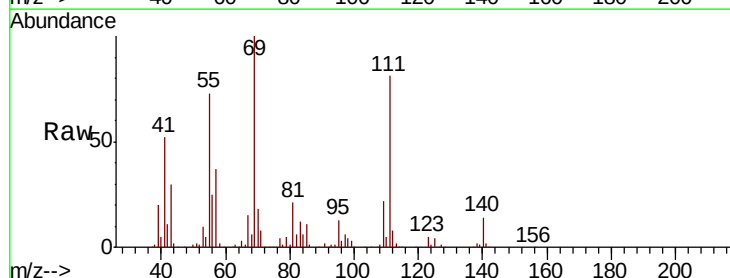
Tgt Ion: 156 Resp: 901

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

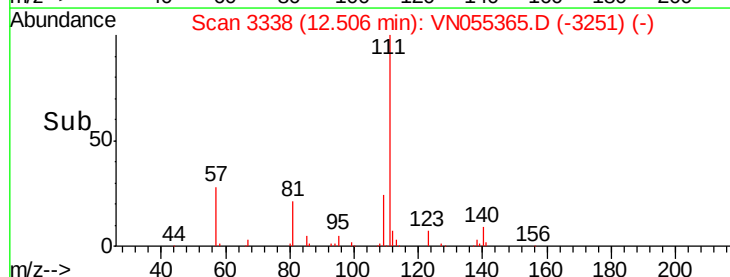
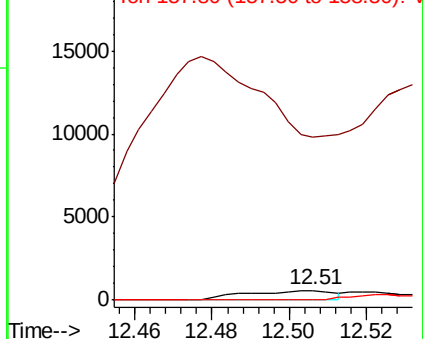
158 44.6 49.3 147.8#

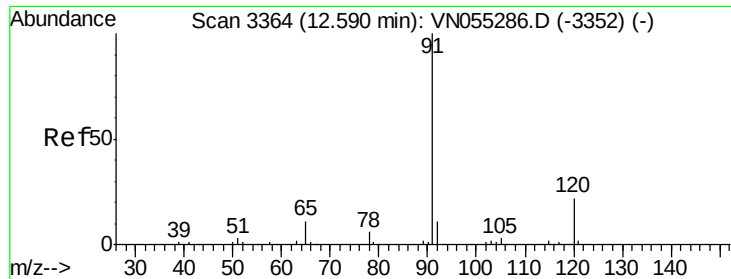


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 59.430 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

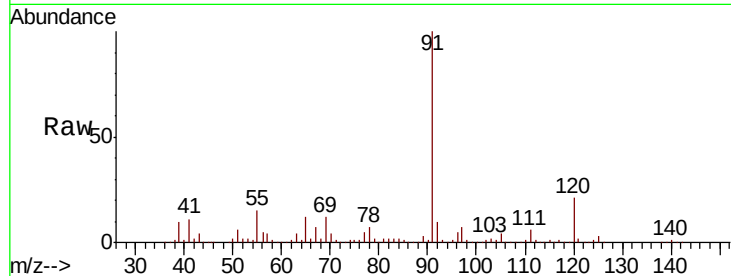
EP1-SB-W2(14-17)

Tot Ion: 91 Resp: 1727422

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

200000

0

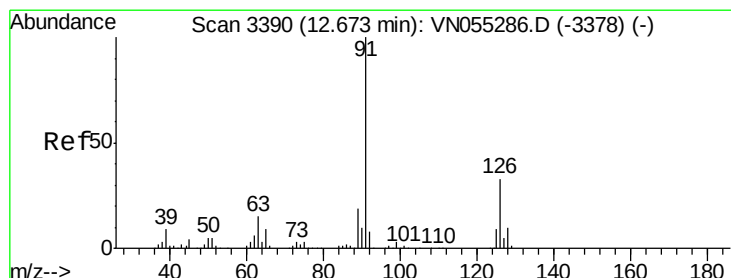
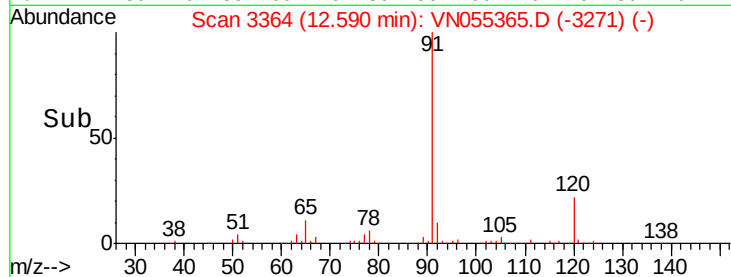
12.59

12.55

12.60

12.65

Time-->



#79

2-Chlorotoluene

Concen: 6.048 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VN055365.D

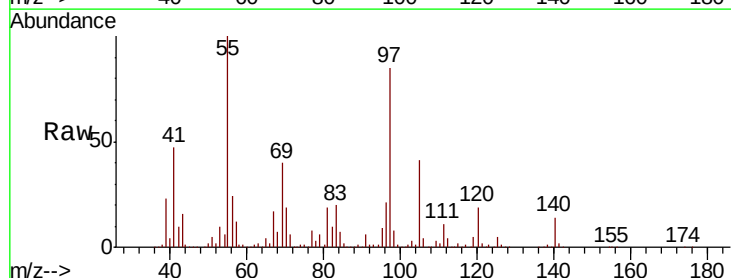
Acq: 2 May 2019 22:37

Tgt Ion: 91 Resp: 128634

Ion Ratio Lower Upper

91 100

126 16.6 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

100000

80000

60000

40000

20000

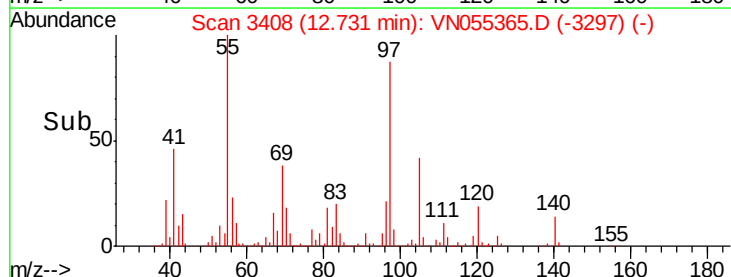
0

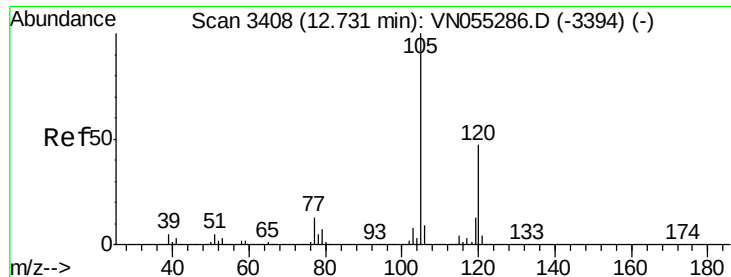
12.73

12.70

12.75

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 43.677 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

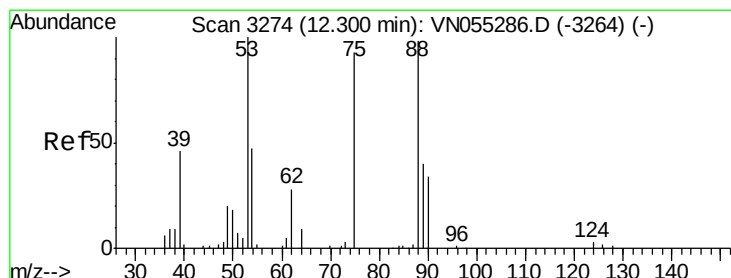
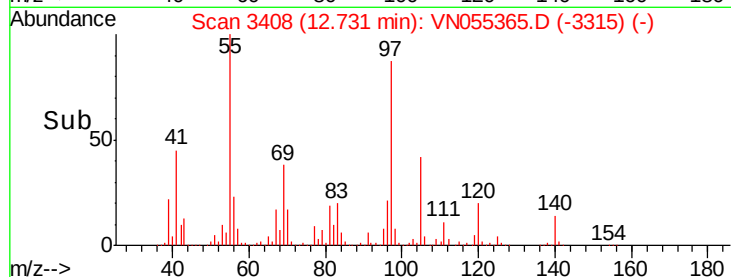
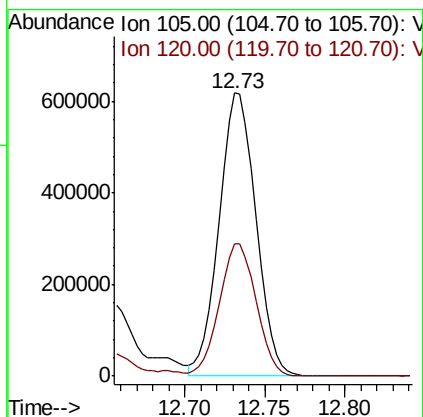
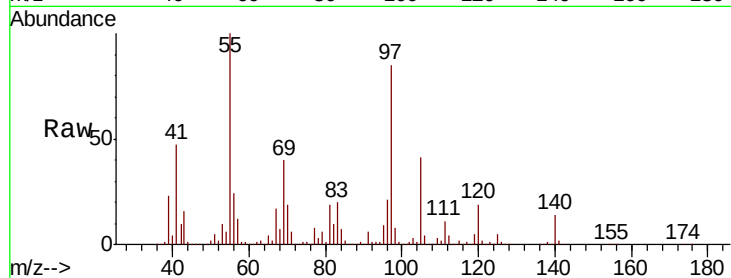
EP1-SB-W2(14-17)

Tot Ion:105 Resp: 968915

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 3.462 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

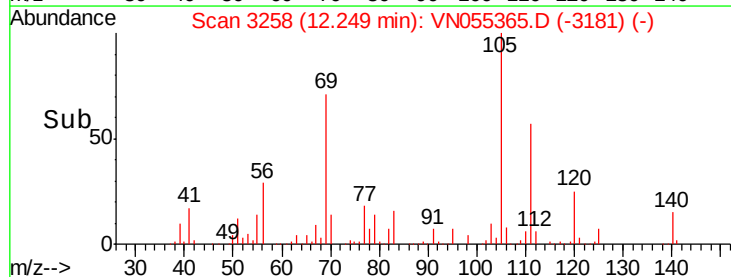
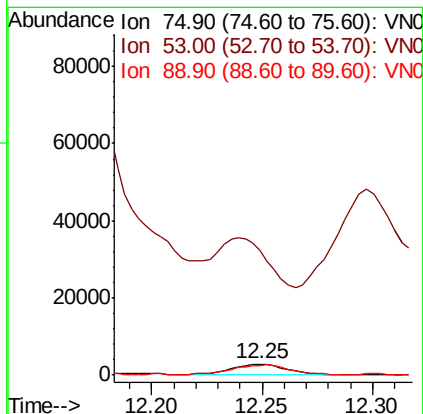
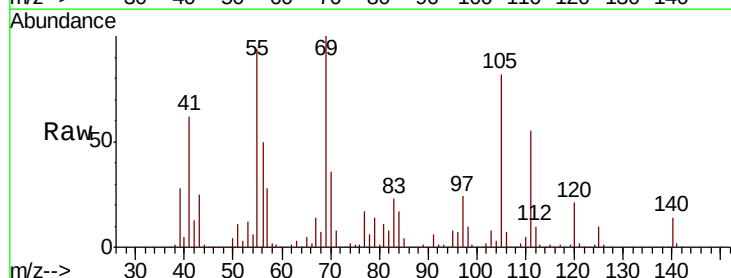
Tgt Ion: 75 Resp: 5170

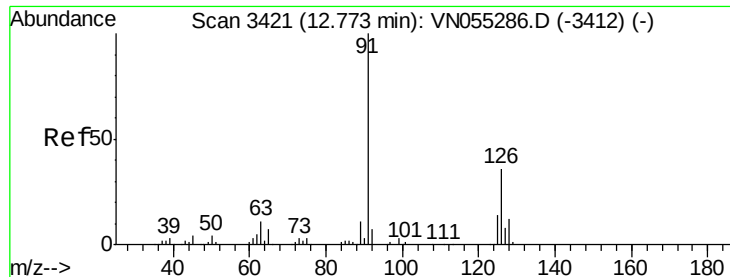
Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 84.9 34.6 51.8#





#82

4-Chlorotoluene

Concen: 7.682 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

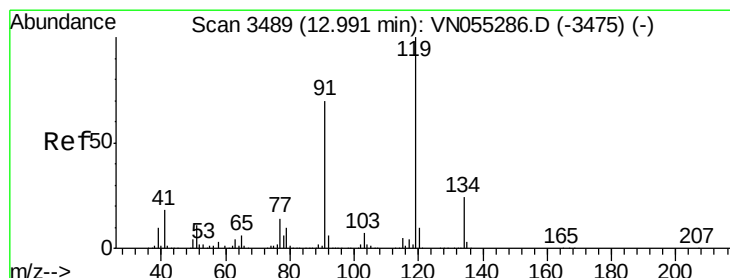
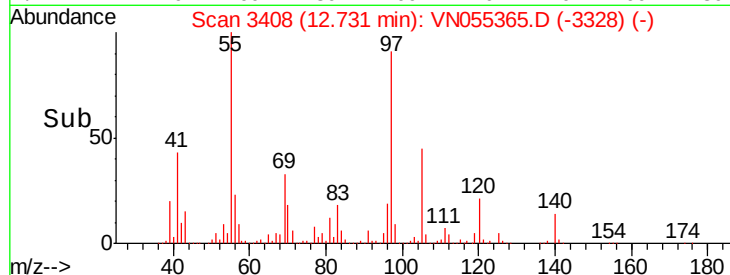
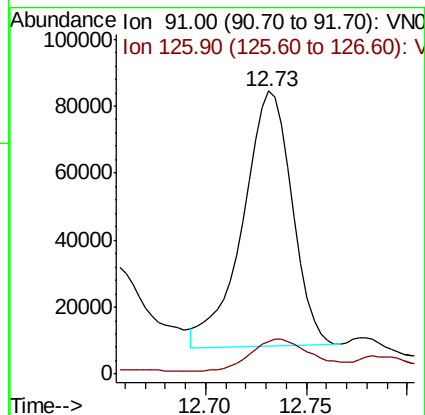
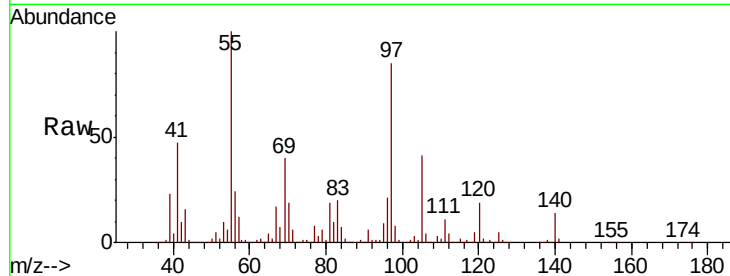
EP1-SB-W2(14-17)

Tot Ion: 91 Resp: 129834

Ion Ratio Lower Upper

91 100

126 16.4 16.6 49.7#



#83

tert-Butylbenzene

Concen: 8.016 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

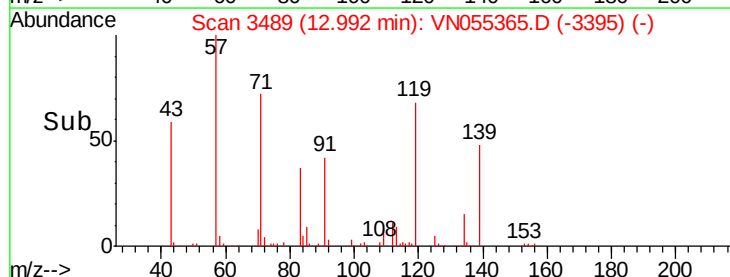
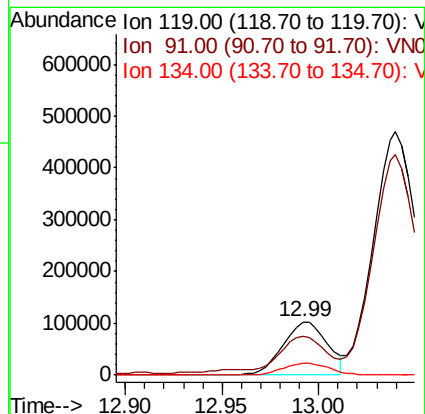
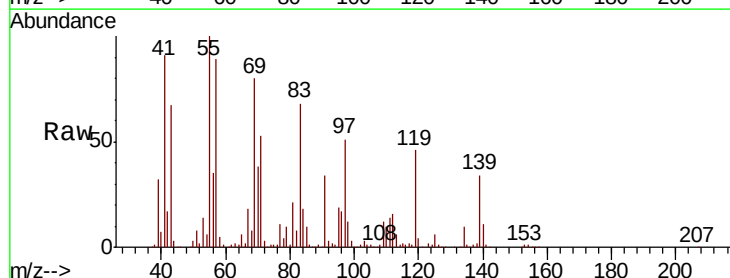
Tgt Ion: 119 Resp: 164237

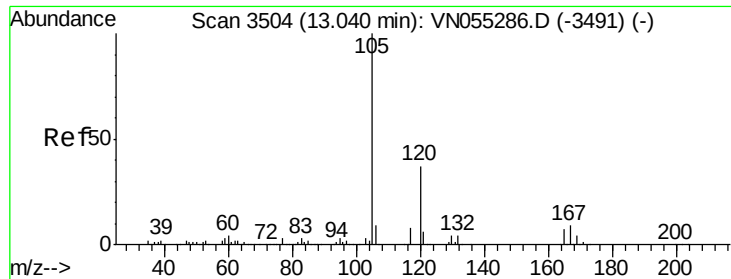
Ion Ratio Lower Upper

119 100

91 78.2 34.3 102.9

134 23.8 13.1 39.3

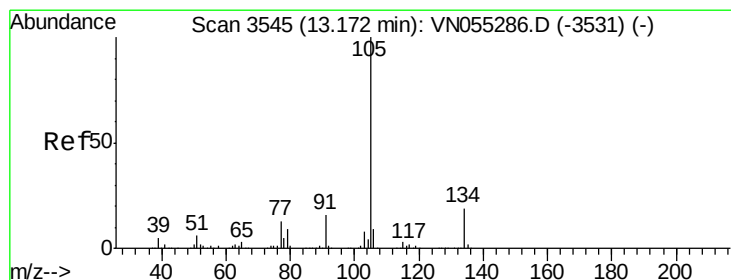
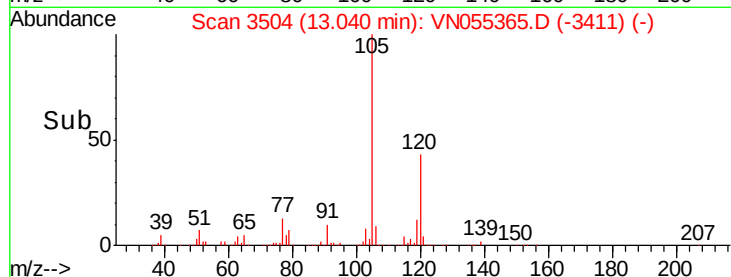
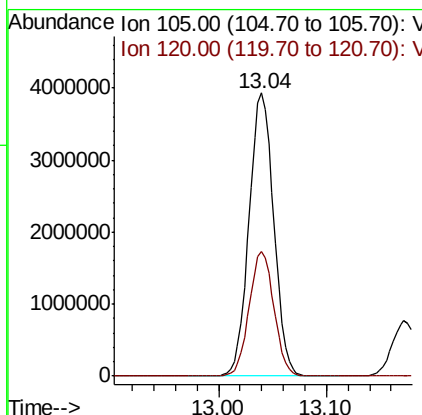
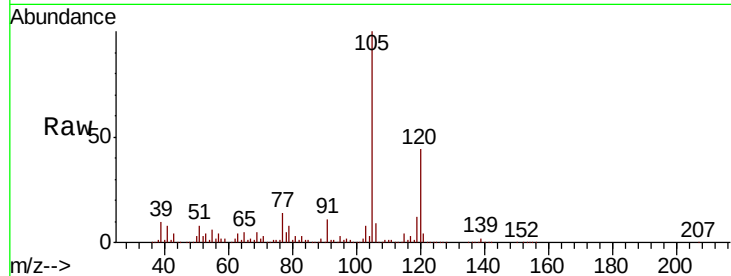




#84
 1,2,4-Trimethylbenzene
 Concen: 314.827 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055365.D
 Acq: 2 May 2019 22:37

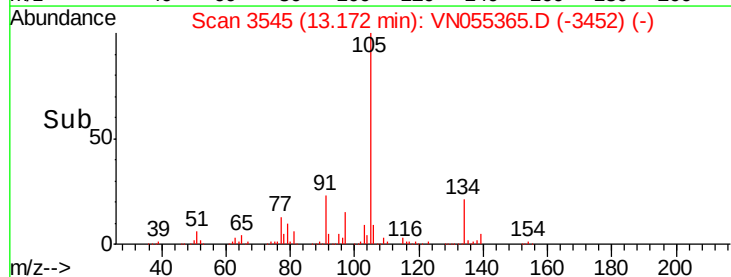
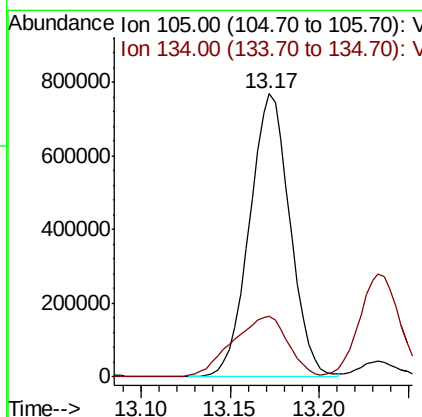
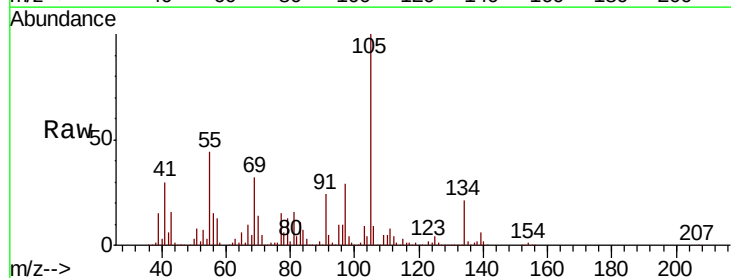
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(14-17)

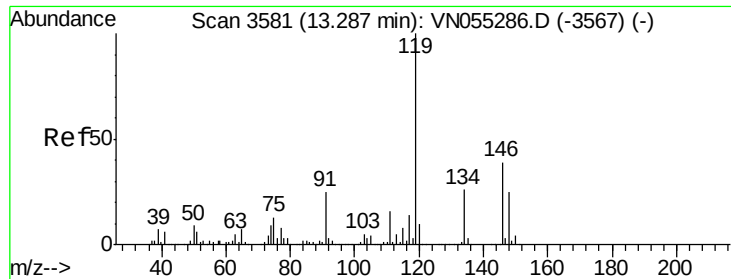
Tot Ion:105 Resp: 6246146
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 50.239 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055365.D
 Acq: 2 May 2019 22:37

Tgt Ion:105 Resp: 1211336
 Ion Ratio Lower Upper
 105 100
 134 29.6 9.6 28.8#

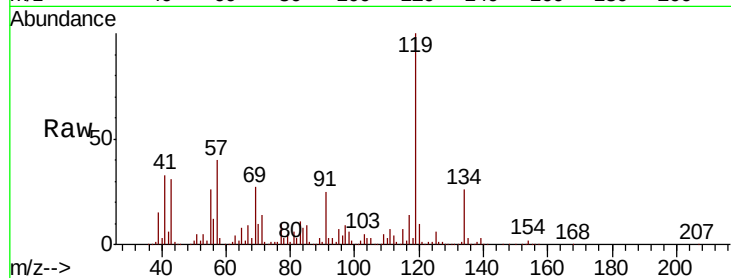




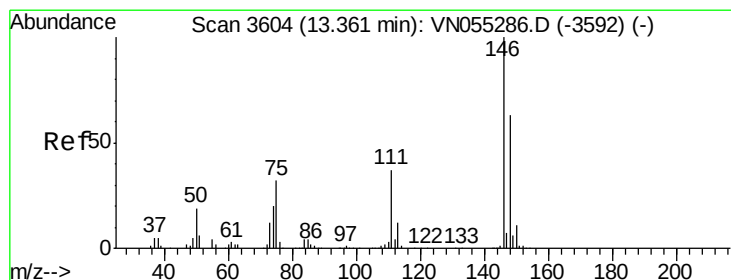
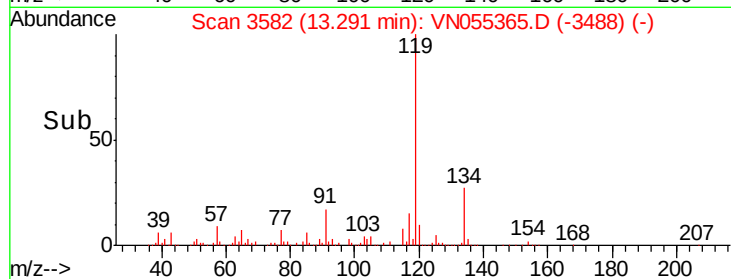
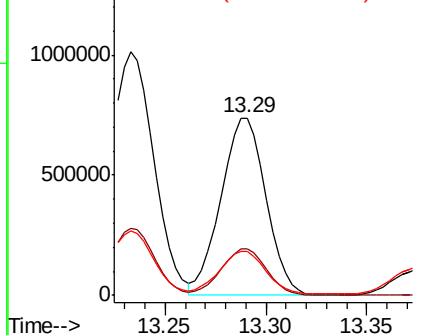
#86
 p-Isopropyltoluene
 Concen: 58.005 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN055365.D
 Acq: 2 May 2019 22:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(14-17)

Tot Ion:119 Resp: 1149527
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 24.6 12.2 36.6

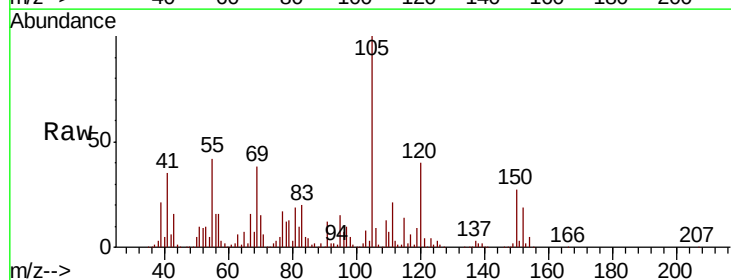


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

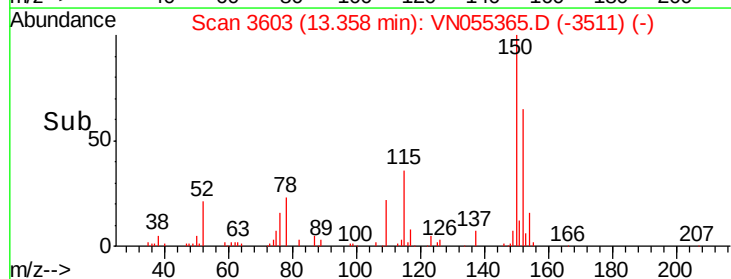
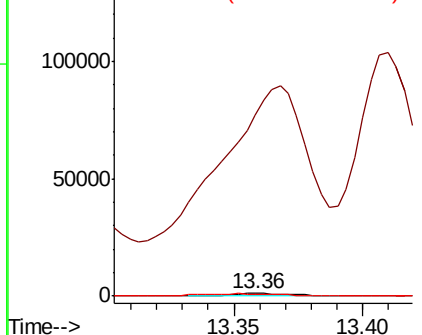


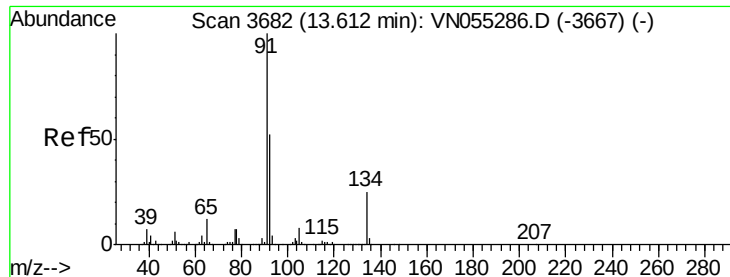
#88
 1,4-Dichlorobenzene
 Concen: 0.228 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN055365.D
 Acq: 2 May 2019 22:37

Tgt Ion:146 Resp: 2037
 Ion Ratio Lower Upper
 146 100
 111 7104.1 19.5 58.5#
 148 114.3 32.5 97.4#



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





#89

n-Butylbenzene

Concen: 73.171 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(14-17)

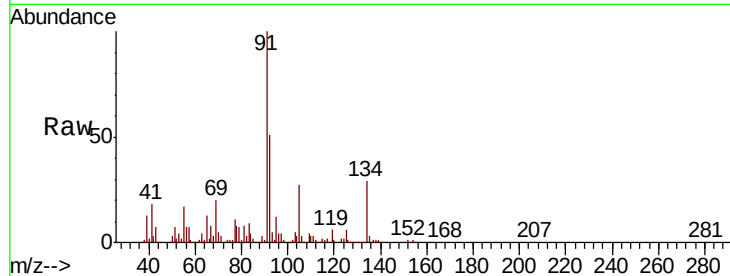
Tot Ion: 91 Resp: 1030409

Ion Ratio Lower Upper

91 100

92 57.3 26.1 78.3

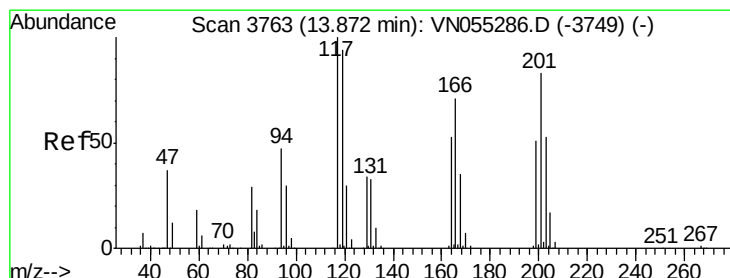
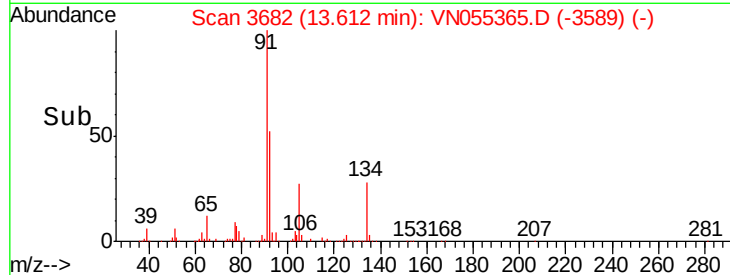
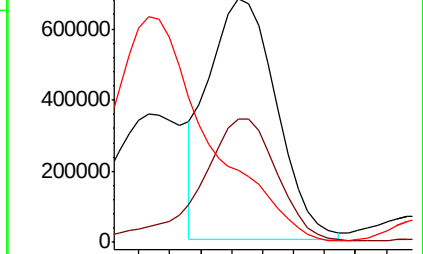
134 0.0 12.4 37.4#



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): VN0



#90

Hexachloroethane

Concen: 59.892 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055365.D

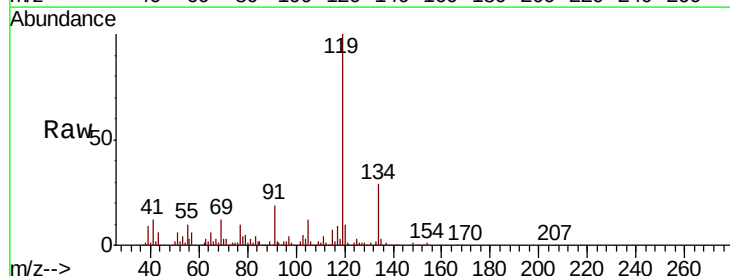
Acq: 2 May 2019 22:37

Tgt Ion: 117 Resp: 186954

Ion Ratio Lower Upper

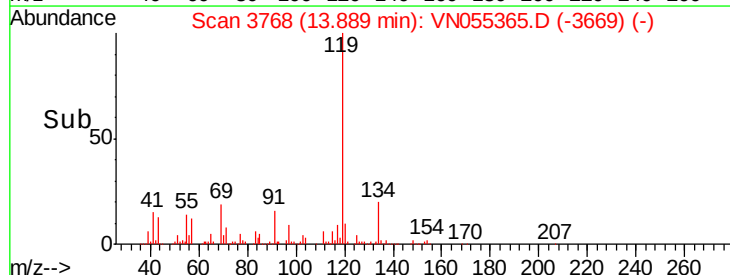
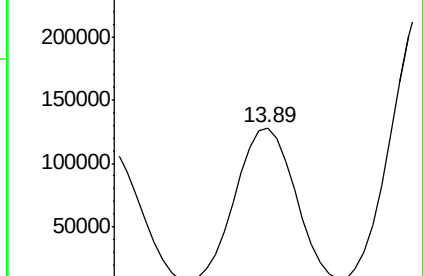
117 100

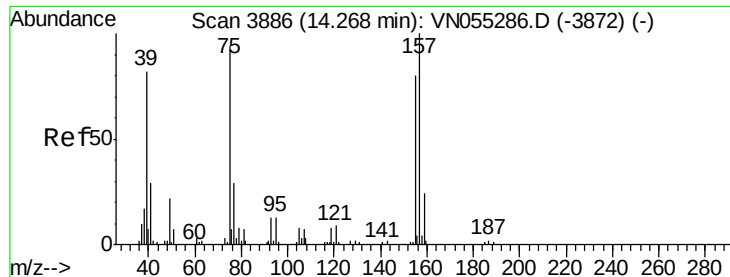
201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): VN0

Ion 200.70 (200.40 to 201.40): VN0





#92

1,2-Dibromo-3-Chloropropane

Concen: 15.797 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(14-17)

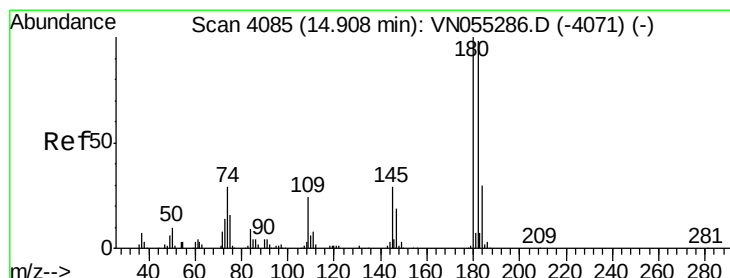
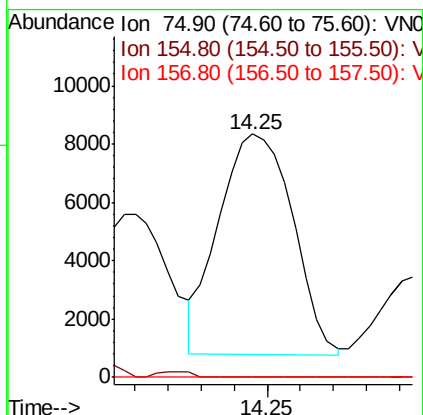
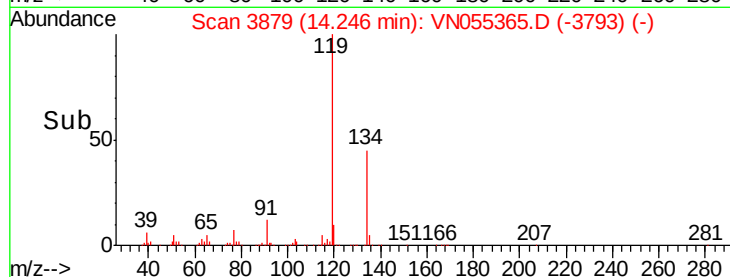
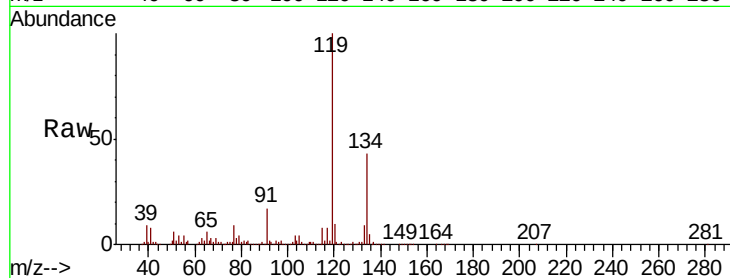
Tot Ion: 75 Resp: 11760

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 54.0 162.2#



#93

1,2,4-Trichlorobenzene

Concen: 4.453 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

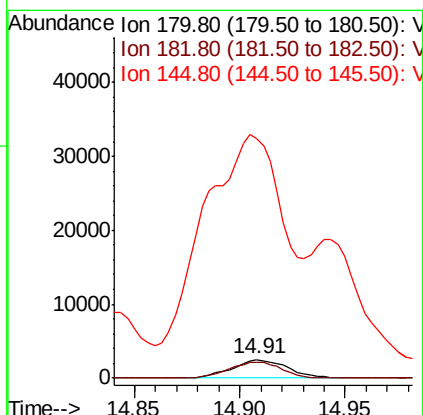
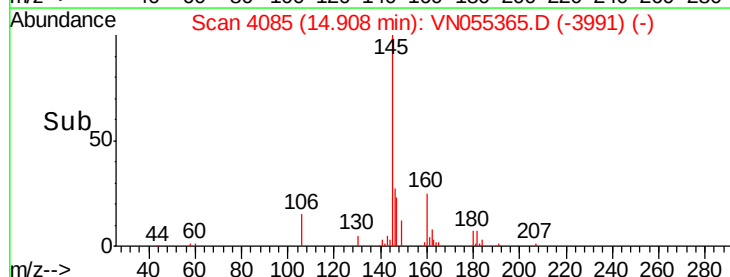
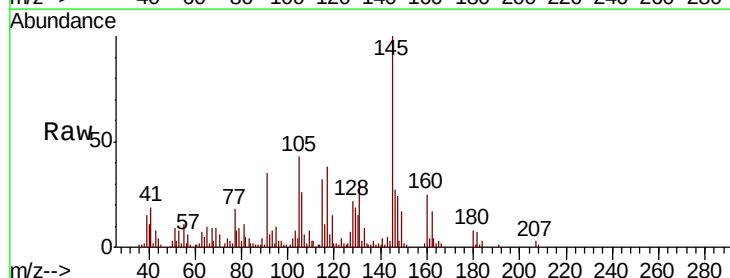
Tgt Ion:180 Resp: 4528

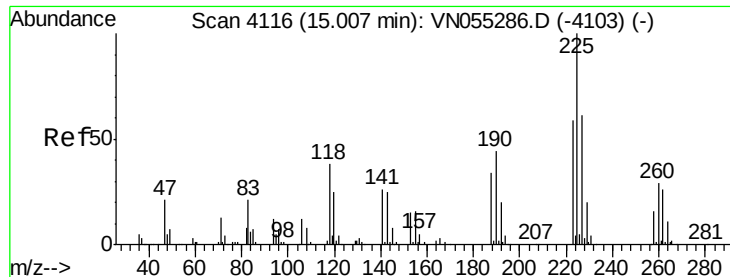
Ion Ratio Lower Upper

180 100

182 80.9 48.3 144.9

145 1623.1 14.2 42.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(14-17)

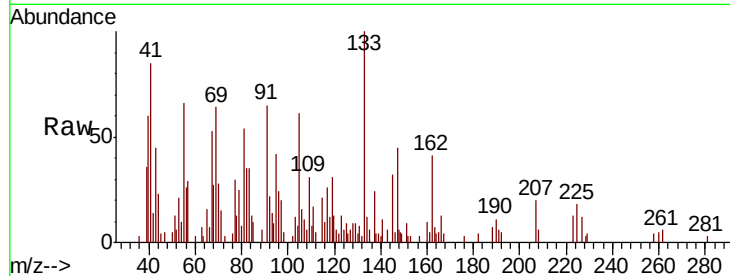
Tot Ion:225 Resp: 1603

Ion Ratio Lower Upper

225 100

223 64.7 30.3 90.8

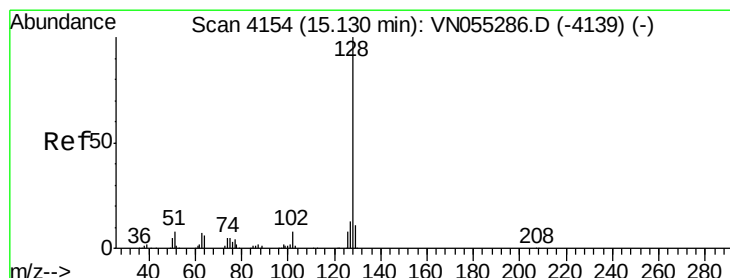
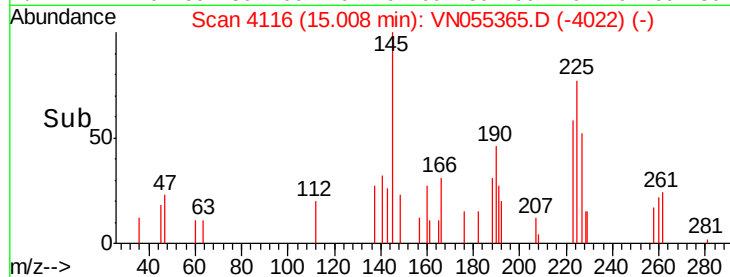
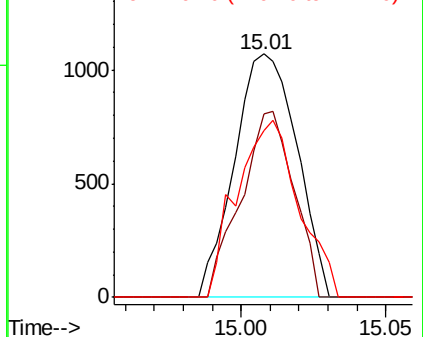
227 72.1 30.9 92.7



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: 9.480 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055365.D

Acq: 2 May 2019 22:37

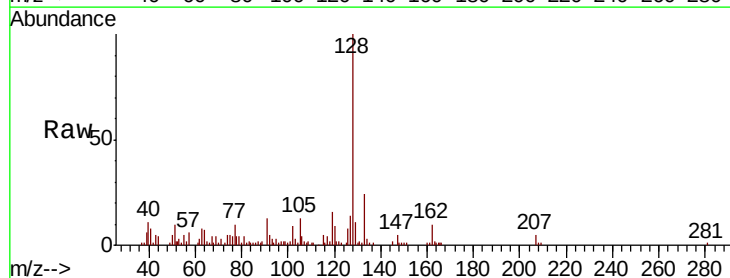
Tgt Ion:128 Resp: 51833

Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

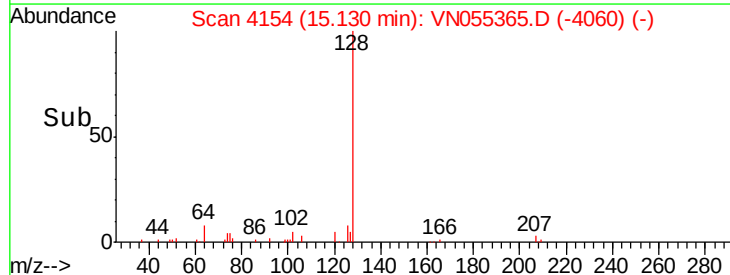
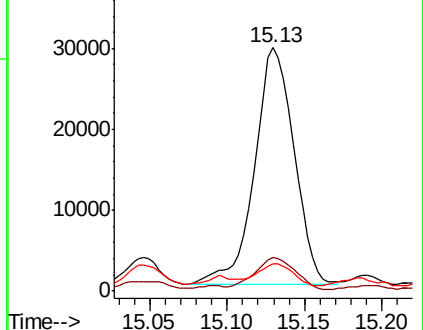
129 8.0 8.6 13.0#

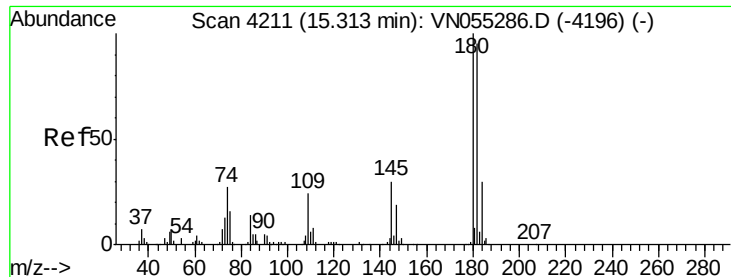


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.915 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN055365.D
 Acq: 2 May 2019 22:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(14-17)

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.3	144.9
145	174.8	15.2	45.6#

