

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055369.D
 Acq On : 3 May 2019 00:17
 Operator : JC/SP
 Sample : K2658-05 10X
 Misc : 5.97µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: May 03 05:20:23 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	425970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	724599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	658218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273297	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	279429	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	225129	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	10.09	98	903788	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.40	95	356763	66.47	ug/l	0.00
Spiked Amount			Recovery	=	132.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	1058	Below Cal	#	31
31) Cyclohexane	7.67	56	10587	1.208	ug/l #	3
36) 1,1-Dichloropropene	7.66	75	31670	4.563	ug/l #	50
38) Carbon Tetrachloride	7.67	117	39976	5.971	ug/l #	16
39) Methylcyclohexane	9.08	83	13775	1.867	ug/l	85
41) Methacrylonitrile	7.05	41	29	0.750	ug/l #	1
48) Methyl methacrylate	9.15	41	2283	0.543	ug/l #	51
51) 4-Methyl-2-Pentanone	10.08	43	11441	2.377	ug/l #	45
55) 1,1,2-Trichloroethane	10.53	97	37636	8.633	ug/l #	20
56) Ethyl methacrylate	10.43	69	17755	3.309	ug/l #	1
59) 2-Hexanone	10.72	43	281757	93.564	ug/l #	32
65) Chlorobenzene	11.54	112	9894	0.769	ug/l #	43
67) Ethyl Benzene	11.51	91	30617	1.317	ug/l	100
68) m/p-Xylenes	11.63	106	12462	1.502	ug/l #	54
73) Isopropylbenzene	12.25	105	394358	15.983	ug/l	100
74) N-amyl acetate	12.04	43	1078207	153.725	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.48	83	72097	10.823	ug/l #	92
76) 1,2,3-Trichloropropane	12.59	75	7560	Below Cal	#	100
77) Bromobenzene	12.51	156	915	Below Cal	#	1
78) n-propylbenzene	12.59	91	1208195	43.037	ug/l	100
79) 2-Chlorotoluene	12.69	91	85784	3.305	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	1641717	76.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.25	75	4902	3.399	ug/l #	1
82) 4-Chlorotoluene	12.73	91	187766	11.503	ug/l #	55
83) tert-Butylbenzene	12.99	119	99691	3.889	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	6621062	345.532	ug/l	100
85) sec-Butylbenzene	13.17	105	776946	33.363	ug/l #	75
86) p-Isopropyltoluene	13.29	119	669686	34.988	ug/l	99
89) n-Butylbenzene	13.61	91	1073040	78.895	ug/l #	70
90) Hexachloroethane	13.89	117	108323	35.279	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	5356	7.449	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	411	3.418	ug/l #	1
94) Hexachlorobutadiene	15.01	225	100	Below Cal	#	20
95) Naphthalene	15.13	128	49538	9.415	ug/l	98

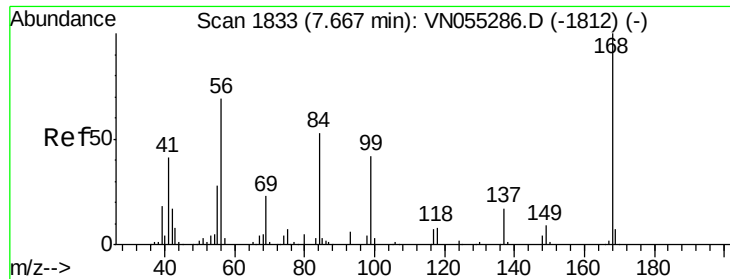
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055369.D
Acq On : 3 May 2019 00:17
Operator : JC/SP
Sample : K2658-05 10X
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EP1-SB-E7(14-17)

Quant Time: May 03 05:20:23 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)
96) 1,2,3-Trichlorobenzene	15.32	180	176	2.660	ug/l #	12

(#) = 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: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

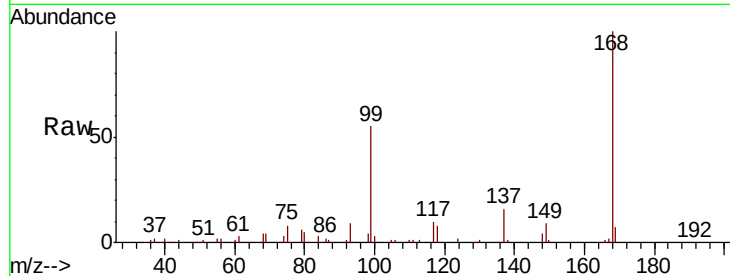
EP1-SB-E7(14-17)

Tot Ion:168 Resp: 425970

Ion Ratio Lower Upper

168 100

99 54.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

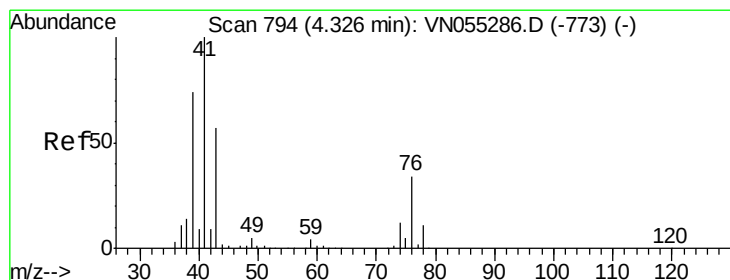
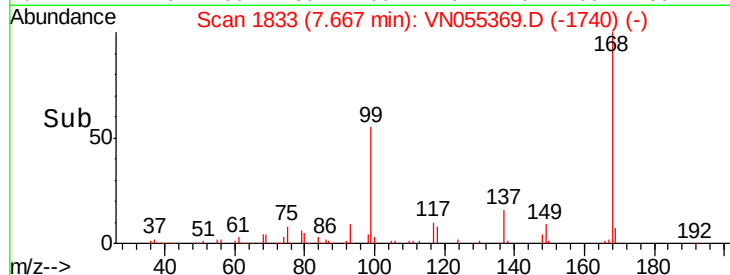
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055369.D

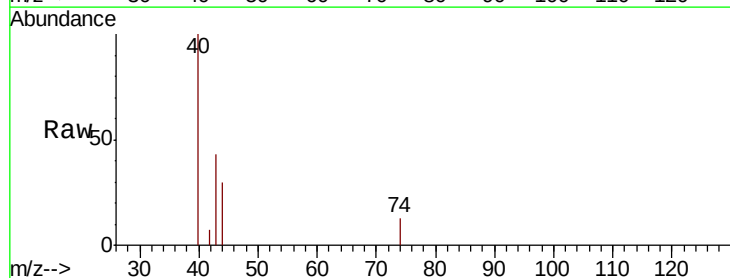
Acq: 3 May 2019 00:17

Tgt Ion: 43 Resp: 1058

Ion Ratio Lower Upper

43 100

74 51.6 15.8 23.8#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055286.D (-773) (-)

4.34

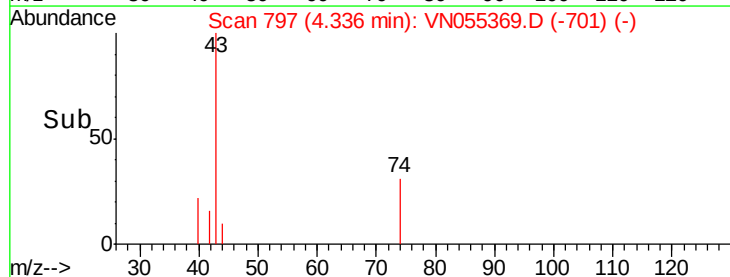
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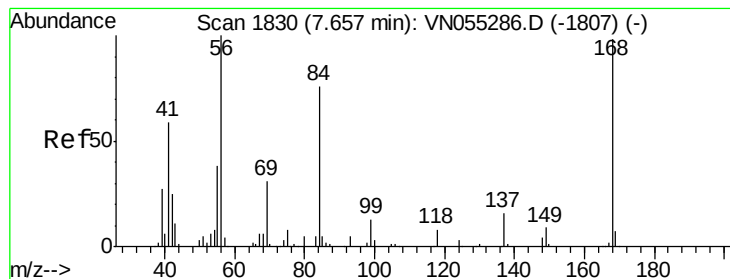
1000

500

0

Time-->





#31

Cyclohexane

Concen: 1.208 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

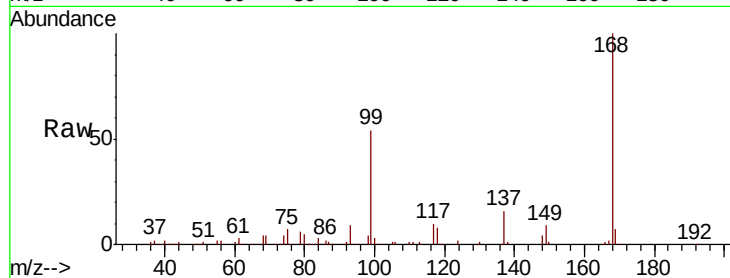
Tot Ion: 56 Resp: 10587

Ion Ratio Lower Upper

56 100

69 152.1 25.2 37.8#

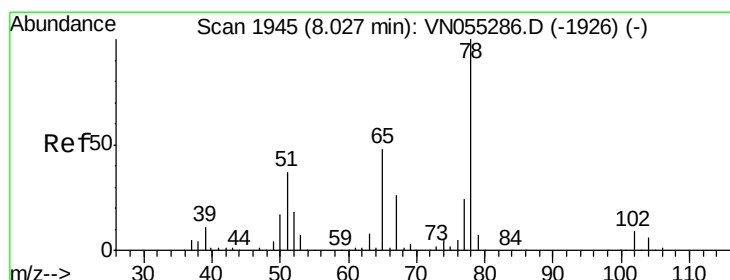
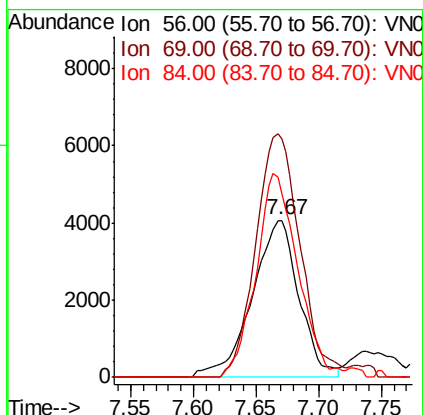
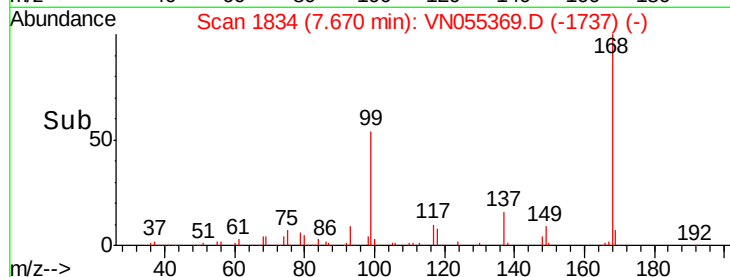
84 116.9 61.1 91.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.143 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055369.D

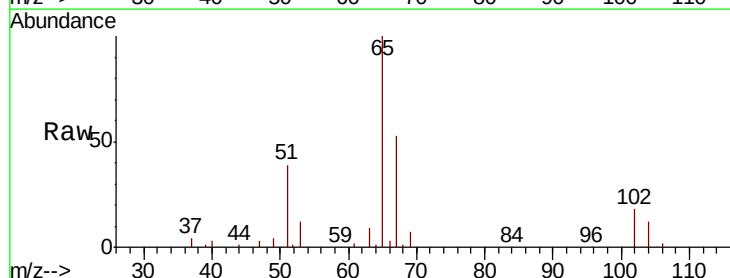
Acq: 3 May 2019 00:17

Tgt Ion: 65 Resp: 279429

Ion Ratio Lower Upper

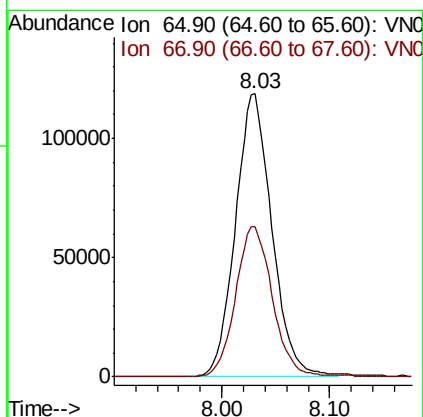
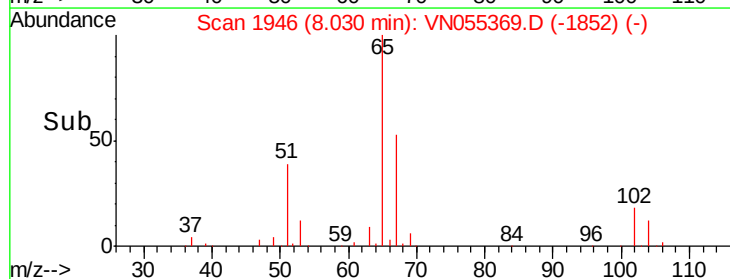
65 100

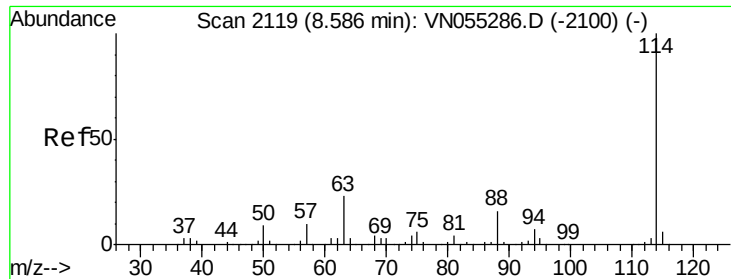
67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

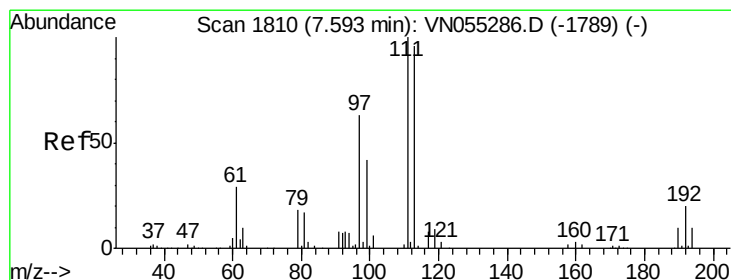
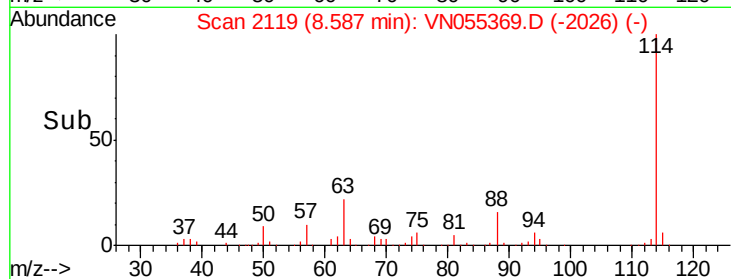
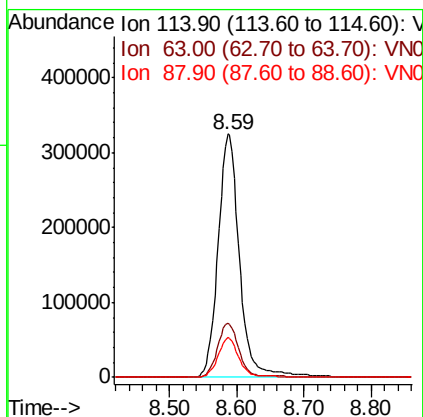
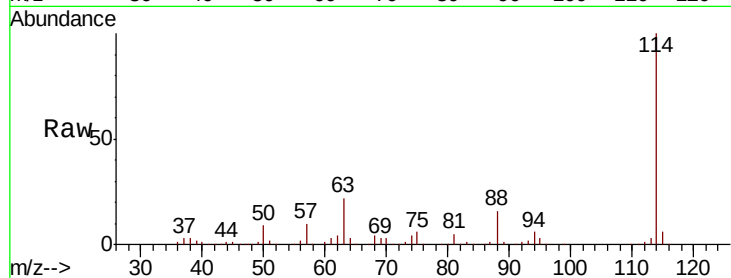




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055369.D
 Acq: 3 May 2019 00:17

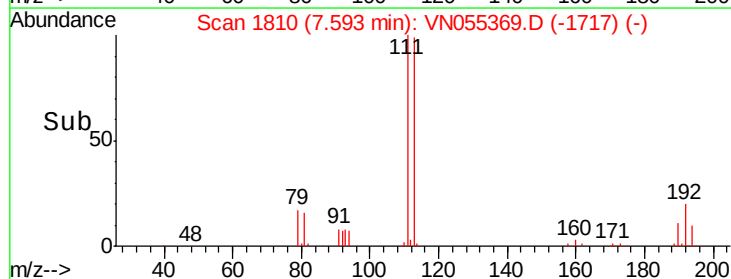
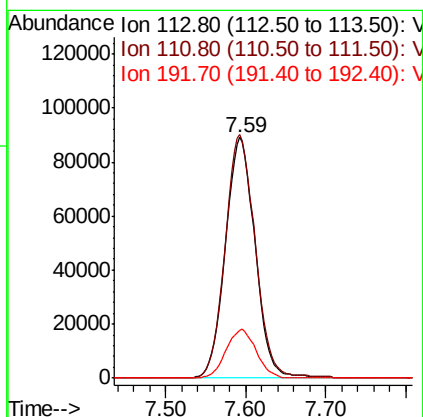
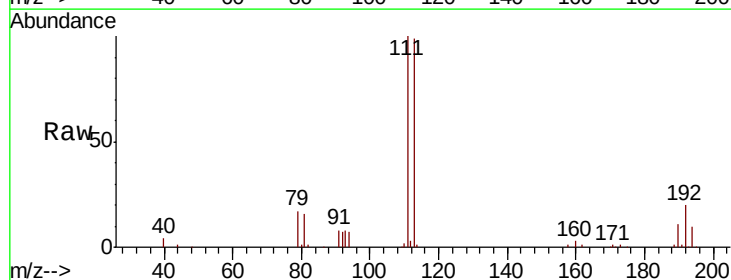
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)

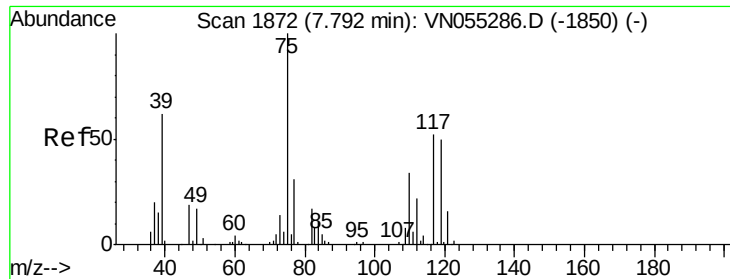
Tot Ion:114 Resp: 724599
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 16.3 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 47.336 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055369.D
 Acq: 3 May 2019 00:17

Tgt Ion:113 Resp: 225129
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 20.5 17.0 25.6

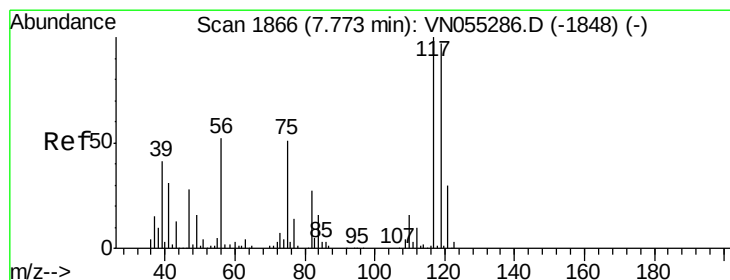
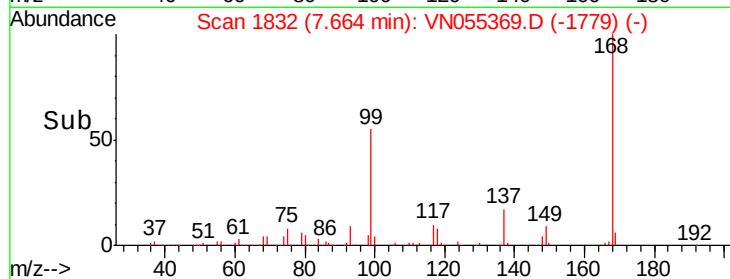
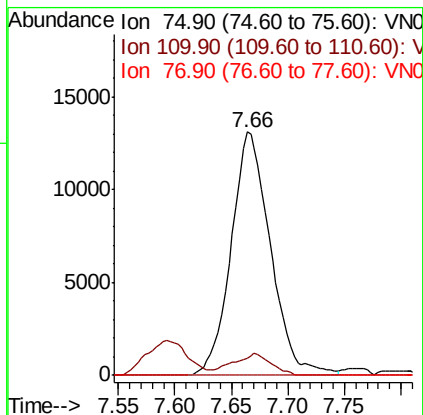
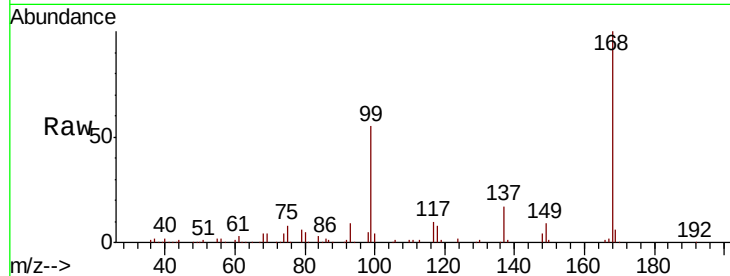




#36
 1,1-Dichloropropene
 Concen: 4.563 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055369.D
 Acq: 3 May 2019 00:17

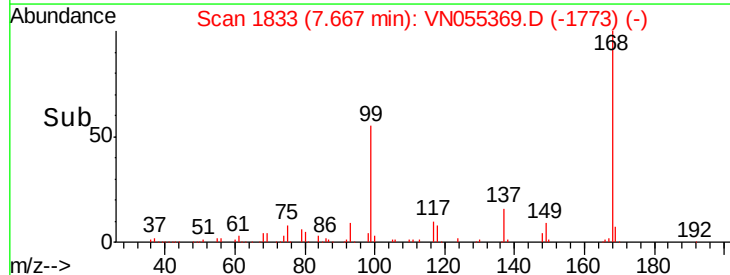
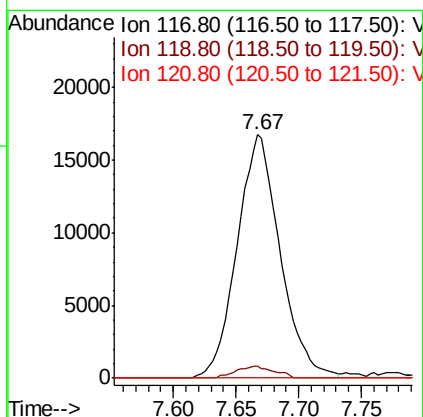
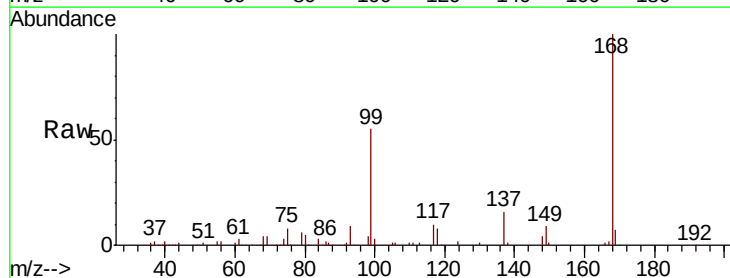
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-SB-E7(14-17)

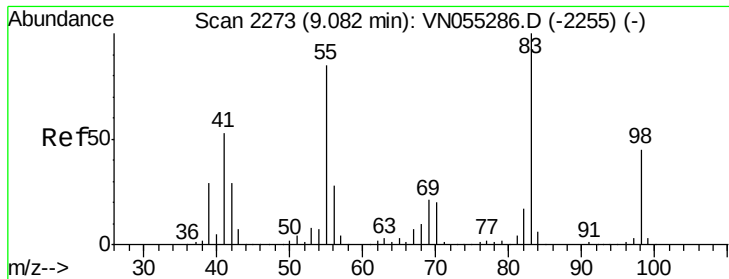
Tot Ion: 75 Resp: 31670
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.971 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055369.D
 Acq: 3 May 2019 00:17

Tgt Ion: 117 Resp: 39976
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.0 115.6#
 121 0.0 23.8 35.8#

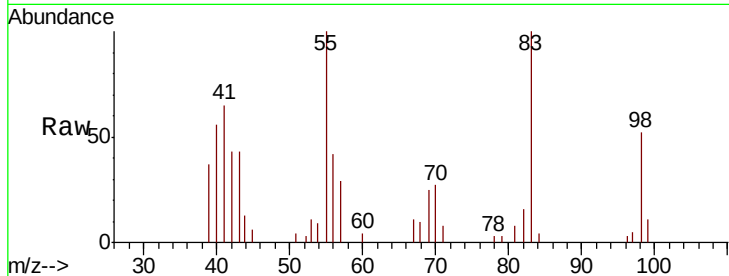




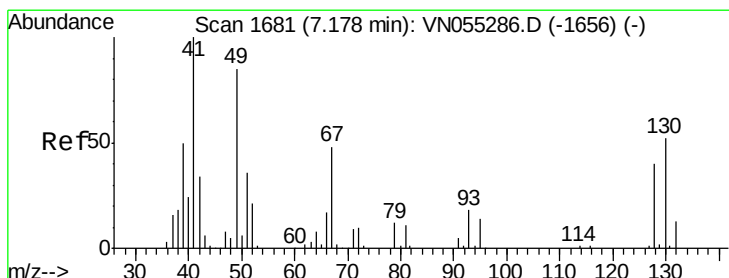
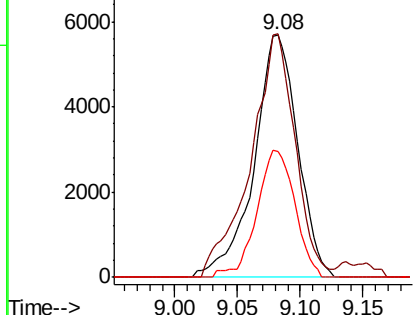
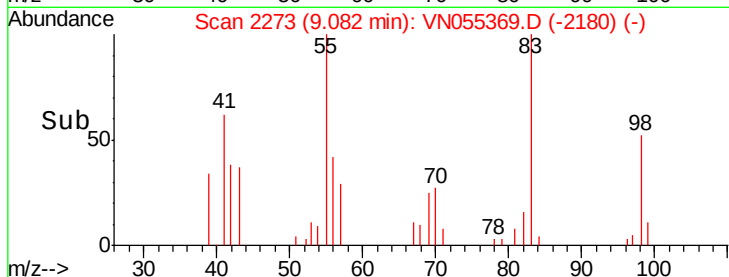
#39
Methylvlcyclohexane
Concen: 1.867 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

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

Tot Ion: 83 Resp: 13775
Ion Ratio Lower Upper
83 100
55 100.4 67.8 101.6
98 52.2 36.2 54.4

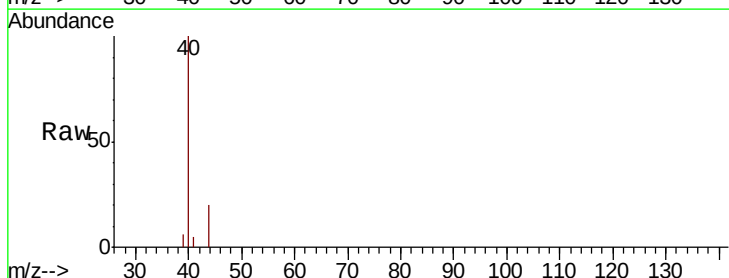


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

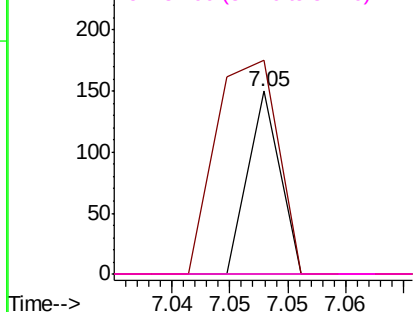
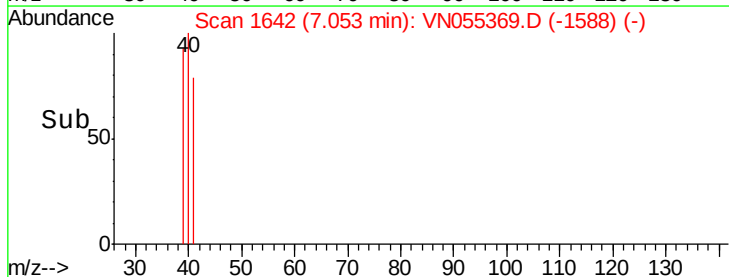


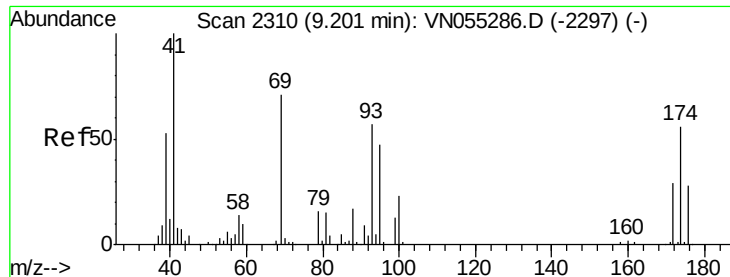
#41
Methacrylonitrile
Concen: 0.750 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. -0.13 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion: 41 Resp: 29
Ion Ratio Lower Upper
41 100
39 224.1 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO





#48

Methvl methacrylate

Concen: 0.543 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.05 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

EP1-SB-E7(14-17)

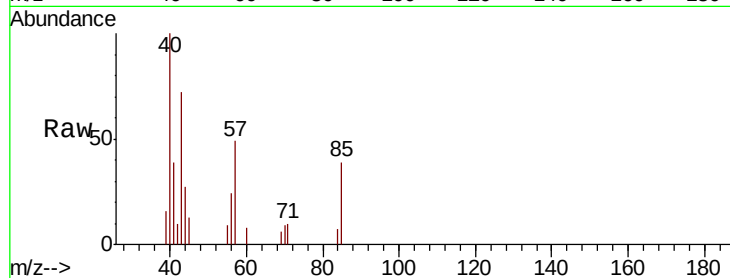
Tot Ion: 41 Resp: 2283

Ion Ratio Lower Upper

41 100

69 6.2 58.6 87.8#

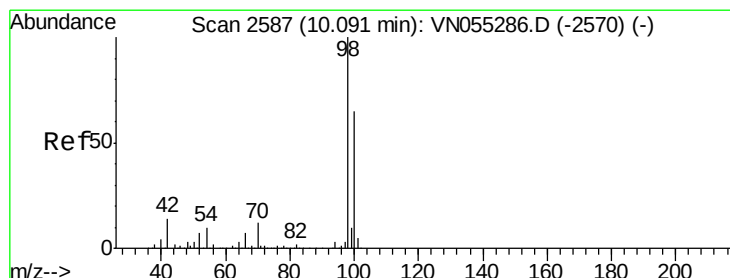
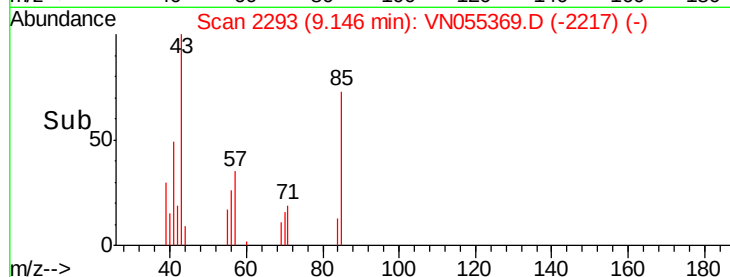
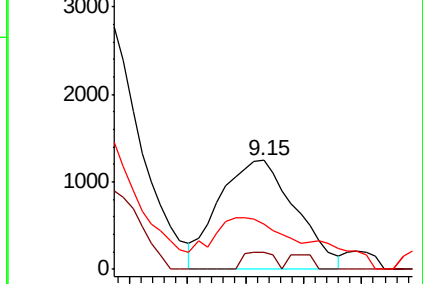
39 59.6 43.8 65.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

Toluene-d8

Concen: 52.627 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055369.D

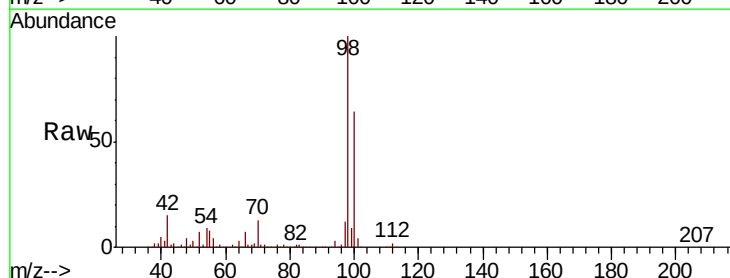
Acq: 3 May 2019 00:17

Tgt Ion: 98 Resp: 903788

Ion Ratio Lower Upper

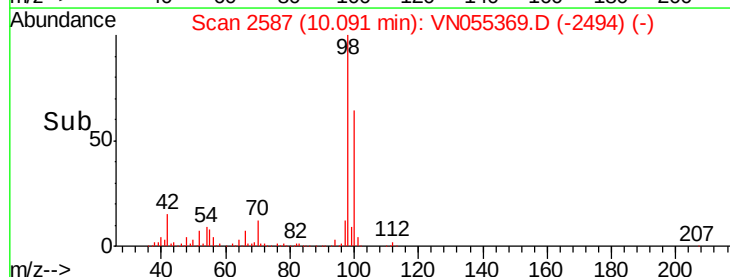
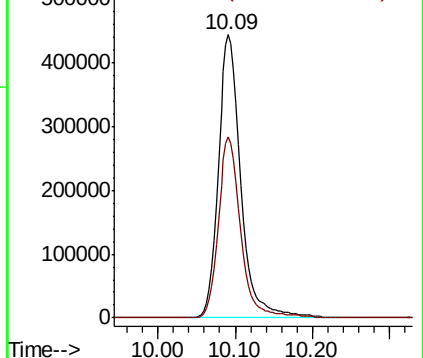
98 100

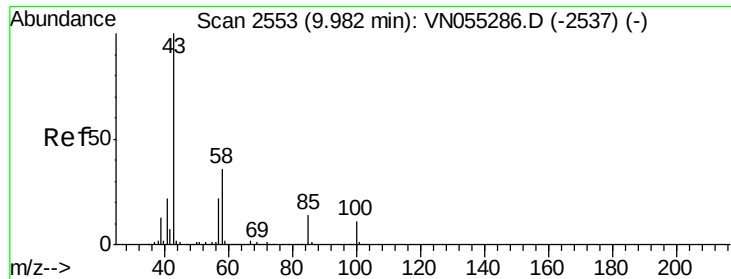
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

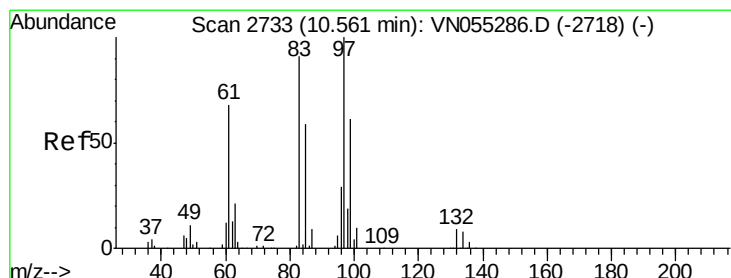
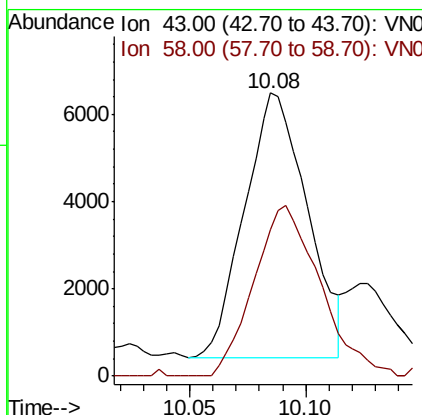
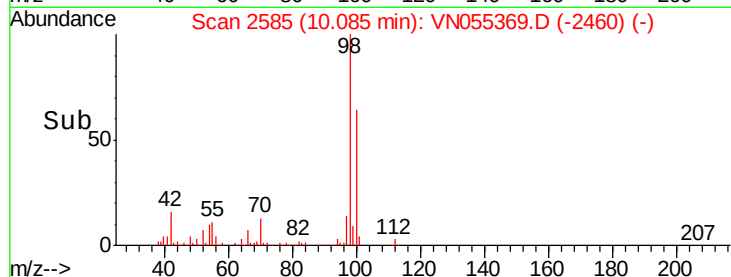
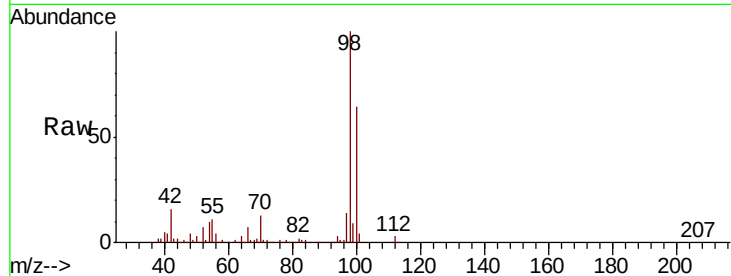




#51
 4-Methyl-2-Pentanone
 Concen: 2.377 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.10 min
 Lab File: VN055369.D
 Acq: 3 May 2019 00:17

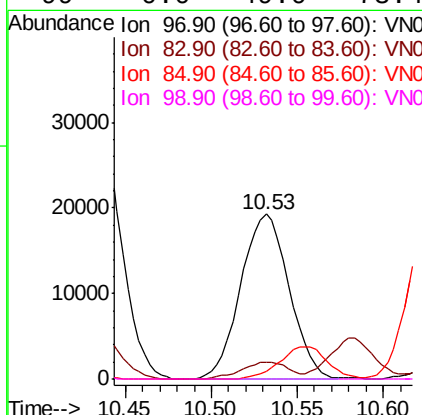
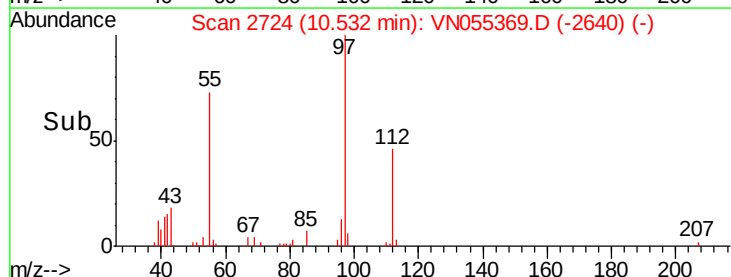
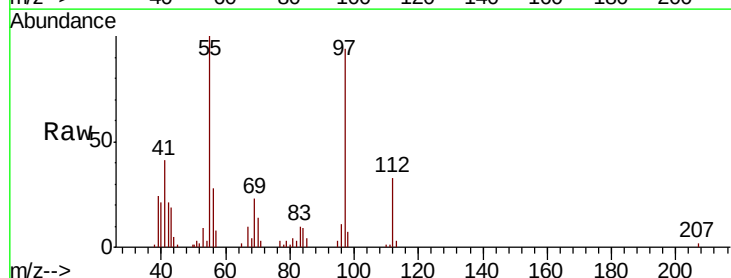
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)

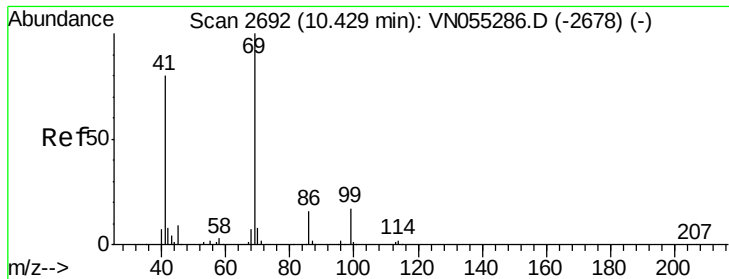
Tot Ion: 43 Resp: 11441
 Ion Ratio Lower Upper
 43 100
 58 68.1 28.5 42.7#



#55
 1,1,2-Trichloroethane
 Concen: 8.633 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN055369.D
 Acq: 3 May 2019 00:17

Tgt Ion: 97 Resp: 37636
 Ion Ratio Lower Upper
 97 100
 83 10.4 72.8 109.2#
 85 4.7 47.0 70.6#
 99 0.0 49.0 73.4#





#56

Ethyl methacrylate

Concen: 3.309 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

EP1-SB-E7(14-17)

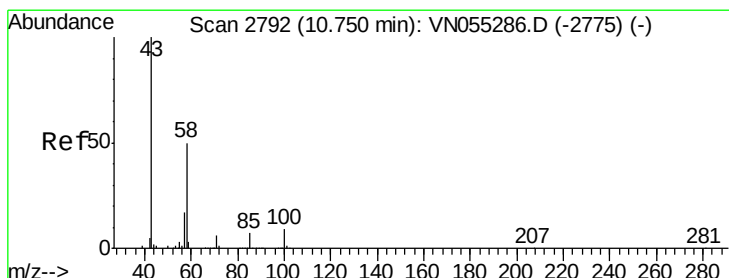
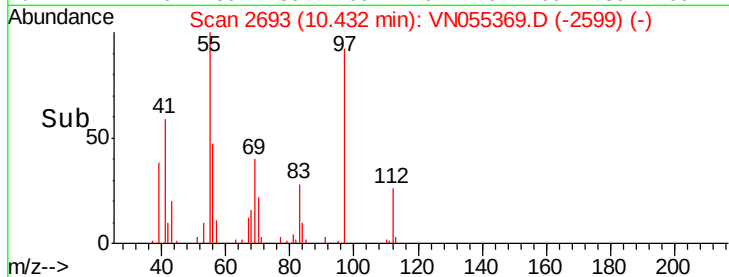
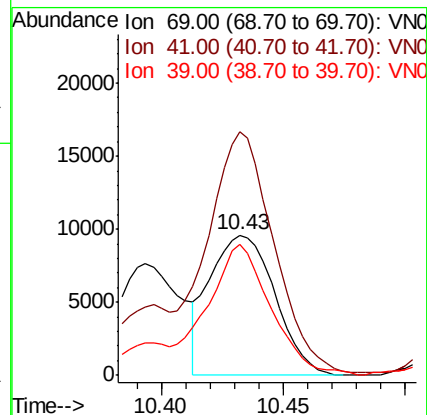
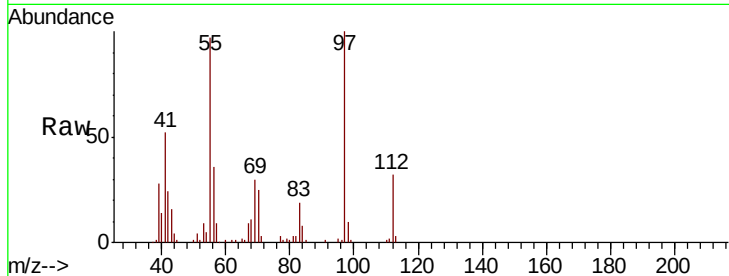
Tot Ion: 69 Resp: 17755

Ion Ratio Lower Upper

69 100

41 174.2 62.7 94.1#

39 92.2 32.0 48.0#



#59

2-Hexanone

Concen: 93.564 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN055369.D

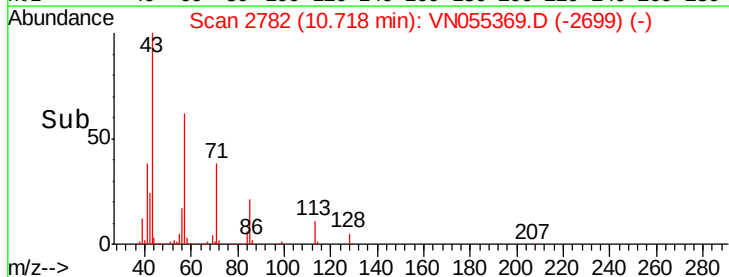
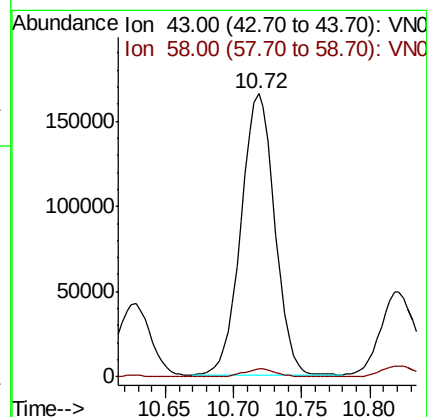
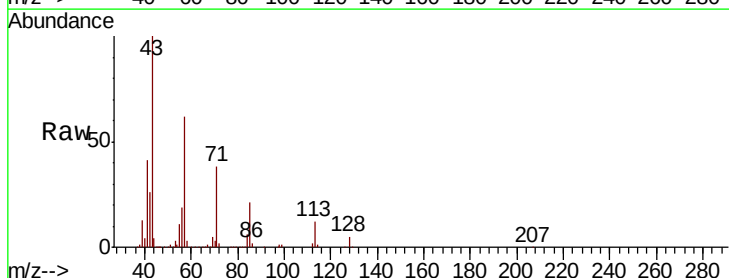
Acq: 3 May 2019 00:17

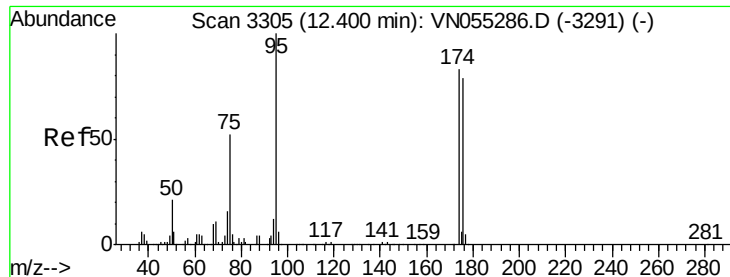
Tgt Ion: 43 Resp: 281757

Ion Ratio Lower Upper

43 100

58 2.7 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 66.469 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

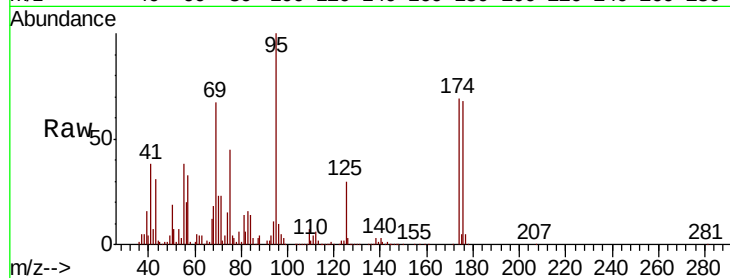
Tot Ion: 95 Resp: 356763

Ion Ratio Lower Upper

95 100

174 70.4 0.0 166.6

176 68.9 0.0 157.8

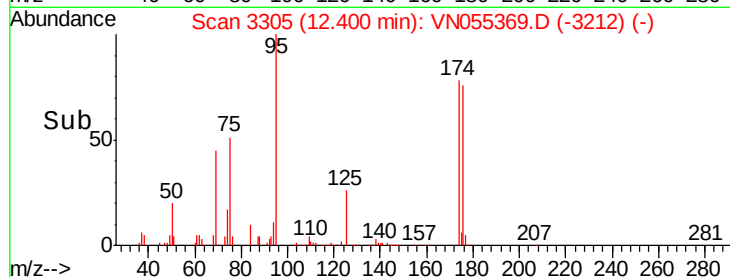


Abundance Ion 94.90 (94.60 to 95.60): VN055369.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055369.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055369.D (-2903) (-)

Time-->

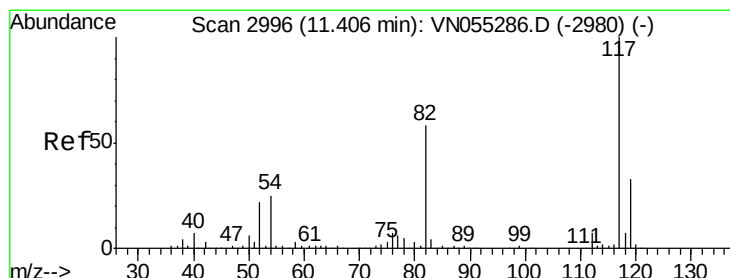


Abundance Ion 94.90 (94.60 to 95.60): VN055369.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055369.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055369.D (-2903) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

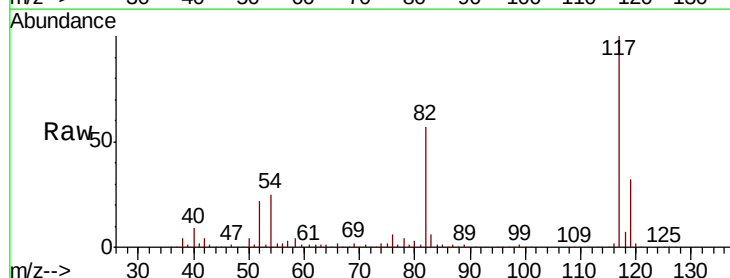
Tgt Ion: 117 Resp: 658218

Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 31.9 26.6 40.0

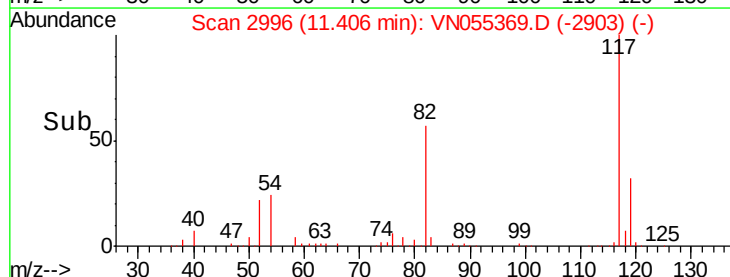


Abundance Ion 116.90 (116.60 to 117.60): VN055369.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055369.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055369.D (-2903) (-)

Time-->

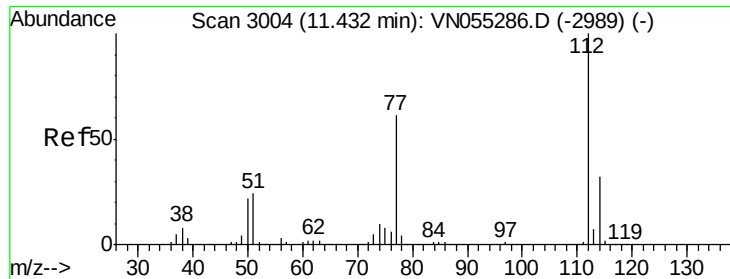


Abundance Ion 116.90 (116.60 to 117.60): VN055369.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055369.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055369.D (-2903) (-)

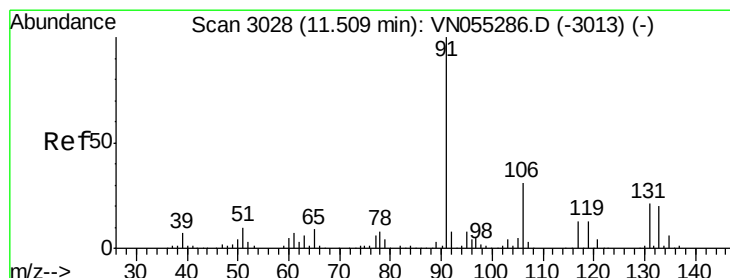
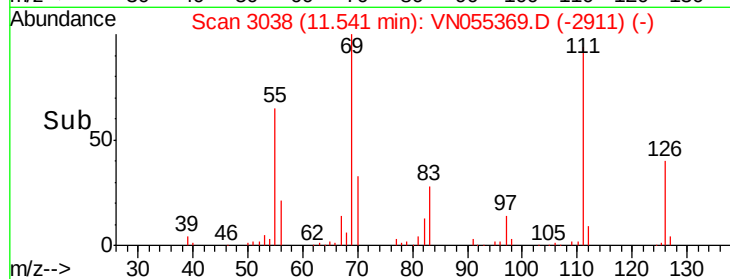
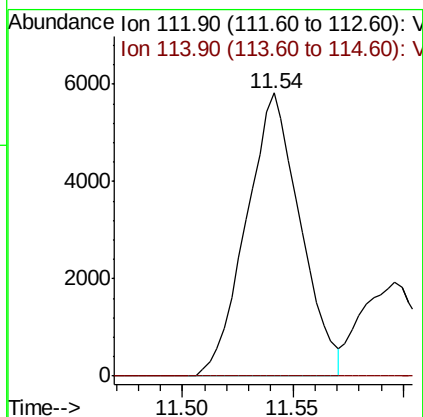
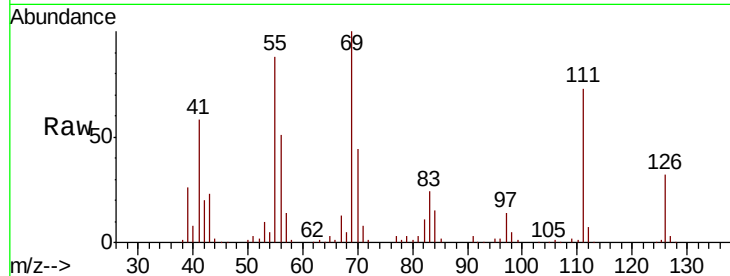
Time-->



#65
Chlorobenzene
Concen: 0.769 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

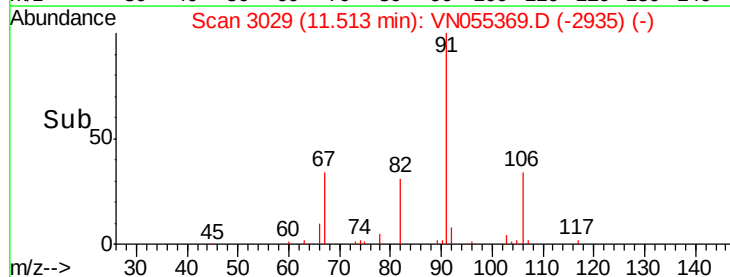
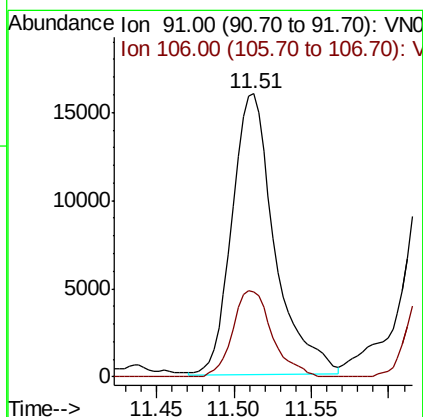
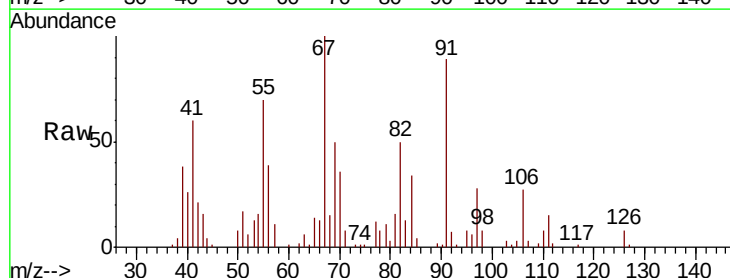
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)

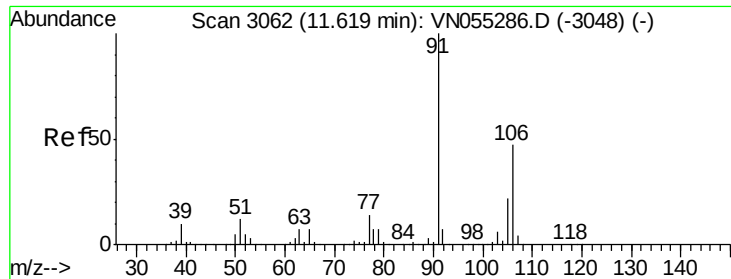
Tot Ion:112 Resp: 9894
Ion Ratio Lower Upper
112 100
114 0.0 25.3 37.9#



#67
Ethyl Benzene
Concen: 1.317 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion: 91 Resp: 30617
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8

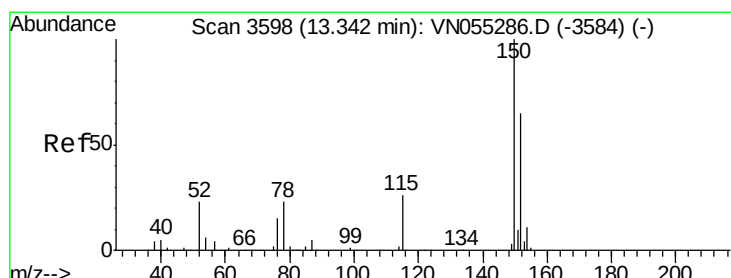
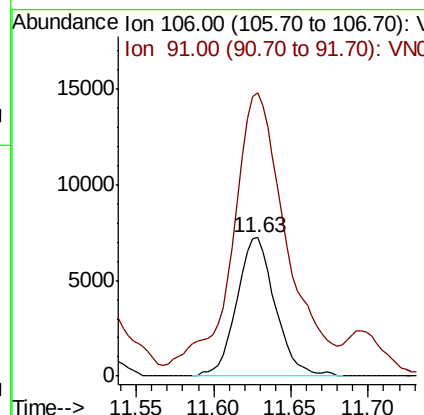
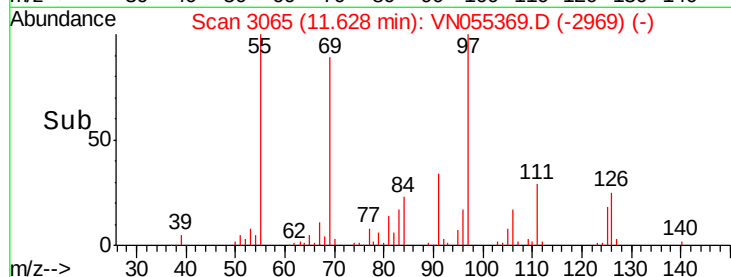
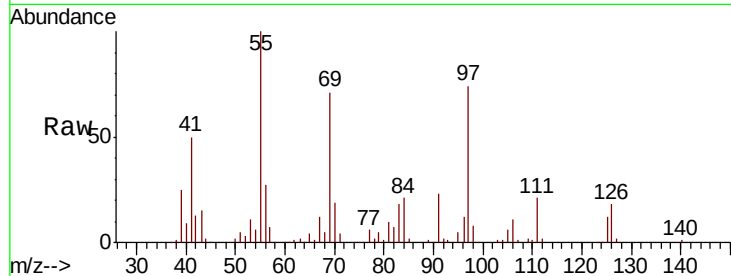




#68
m/p-Xvlenes
Concen: 1.502 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

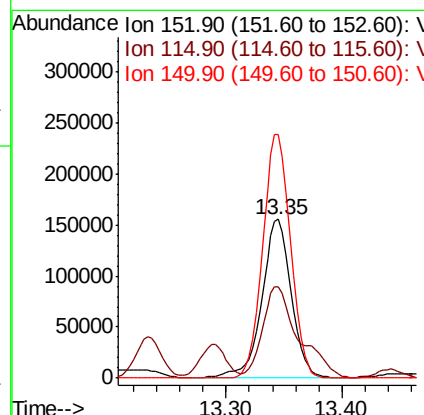
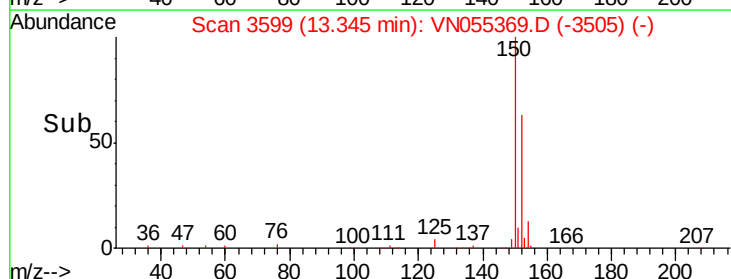
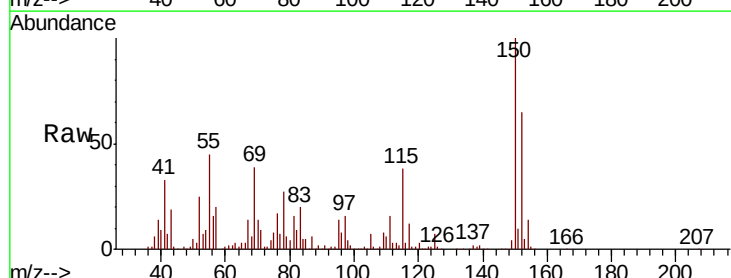
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)

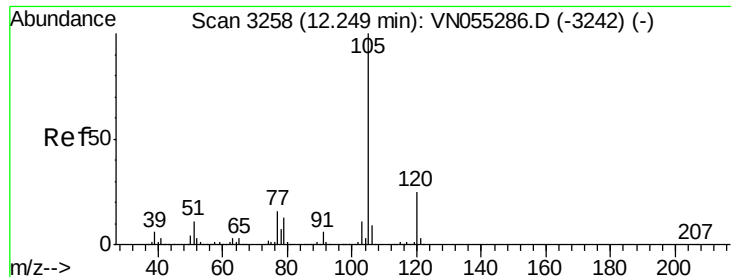
Tot Ion:106 Resp: 12462
Ion Ratio Lower Upper
106 100
91 284.8 169.5 254.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion:152 Resp: 273297
Ion Ratio Lower Upper
152 100
115 70.1 29.0 87.0
150 145.9 0.0 345.6





#73

Isopropylbenzene

Concen: 15.983 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

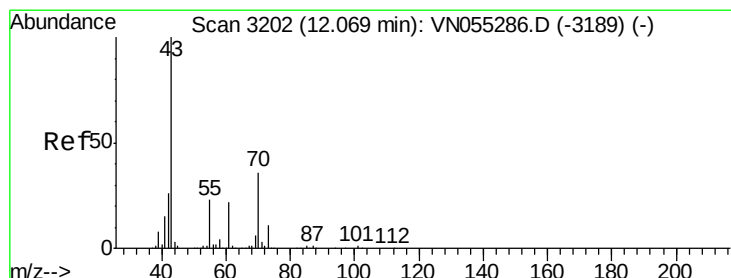
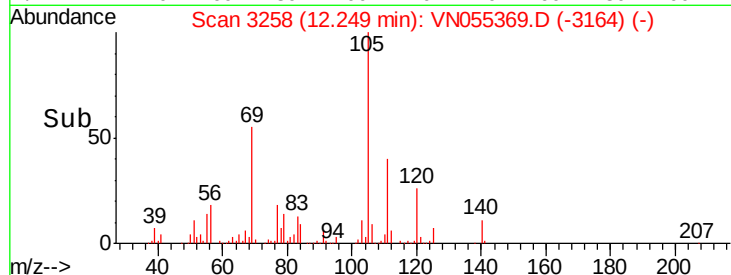
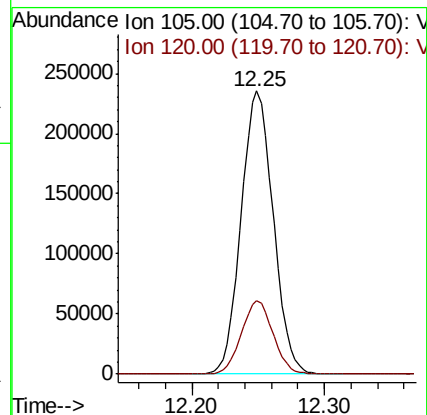
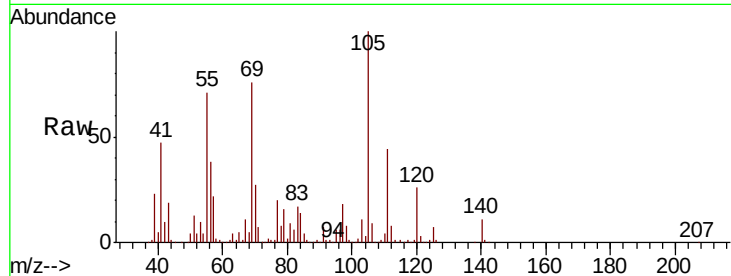
EP1-SB-E7(14-17)

Tot Ion:105 Resp: 394358

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 153.725 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Tgt Ion: 43 Resp: 1078207

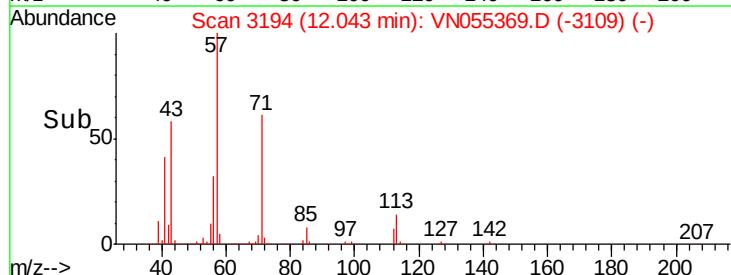
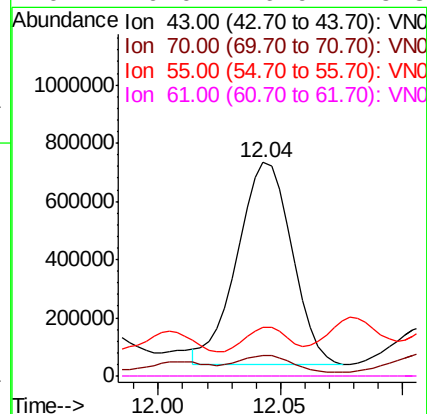
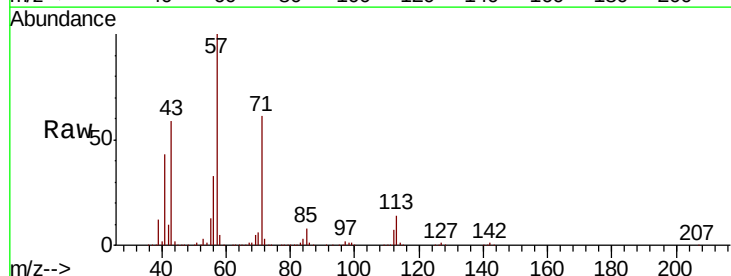
Ion Ratio Lower Upper

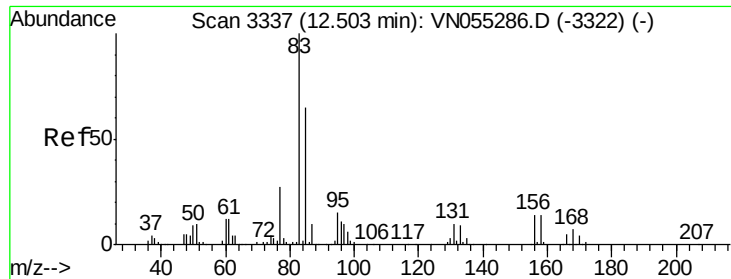
43 100

70 7.6 27.9 41.9#

55 17.2 18.2 27.2#

61 0.0 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 10.823 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.02 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

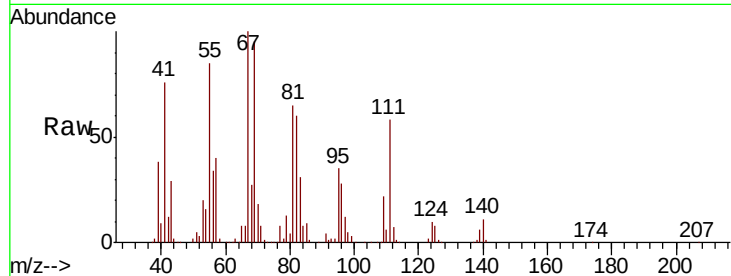
Tot Ion: 83 Resp: 72097

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

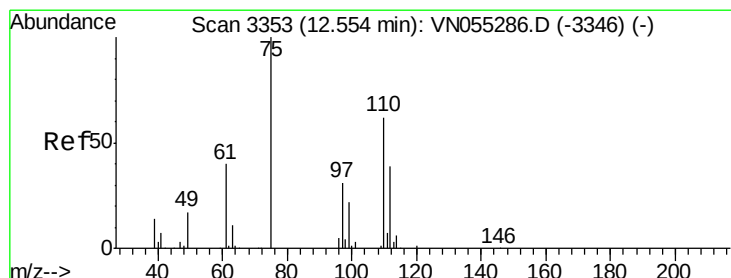
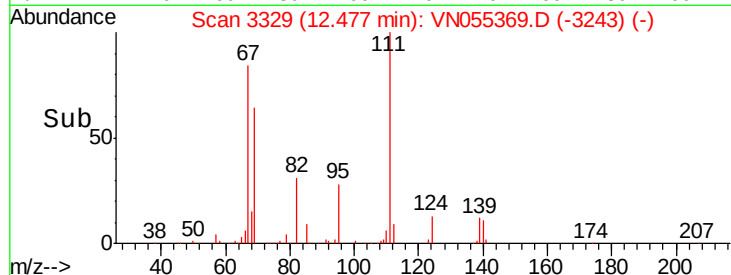
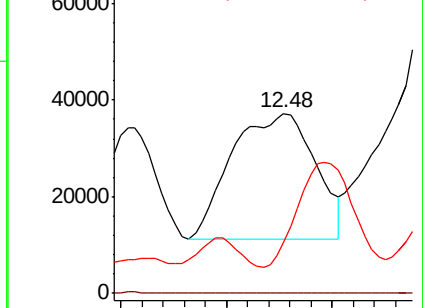
85 60.2 32.3 96.8



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: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN055369.D

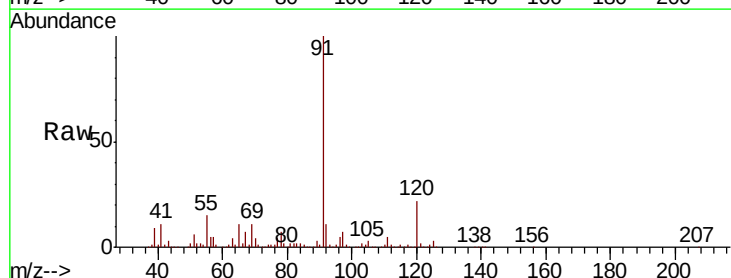
Acq: 3 May 2019 00:17

Tgt Ion: 75 Resp: 7560

Ion Ratio Lower Upper

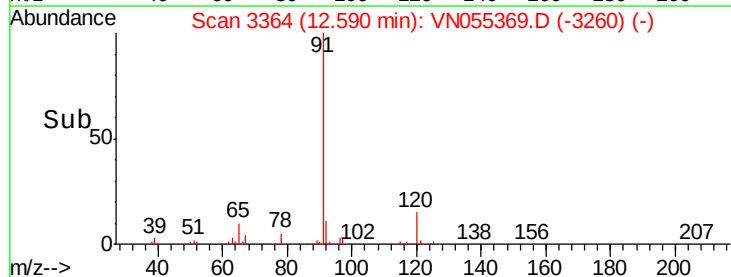
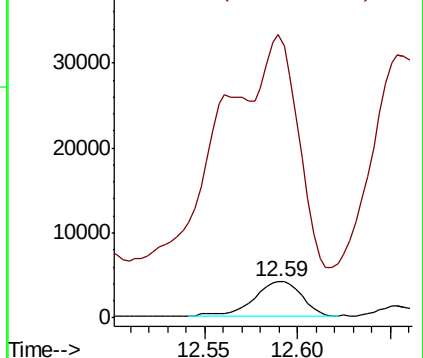
75 100

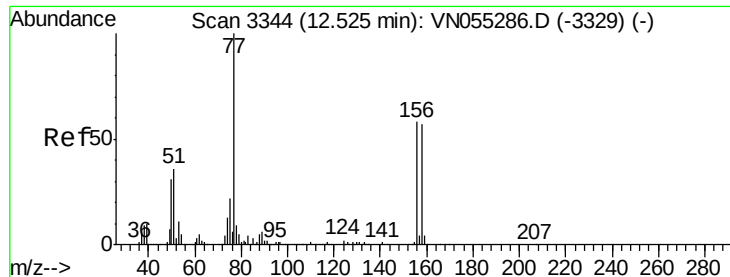
77 436.0 0.0 0.0#



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: 12.51 min Scan# 3339

Delta R.T. -0.02 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

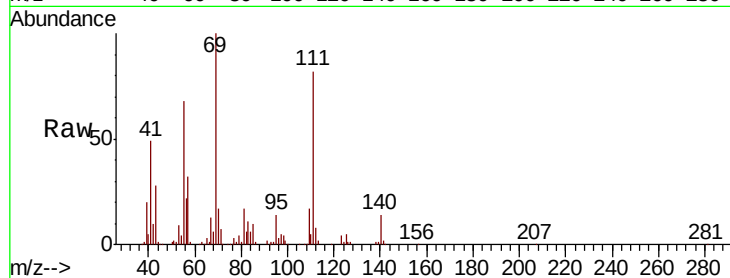
Tot Ion:156 Resp: 915

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

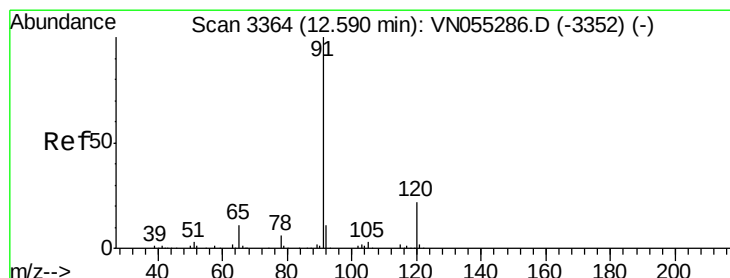
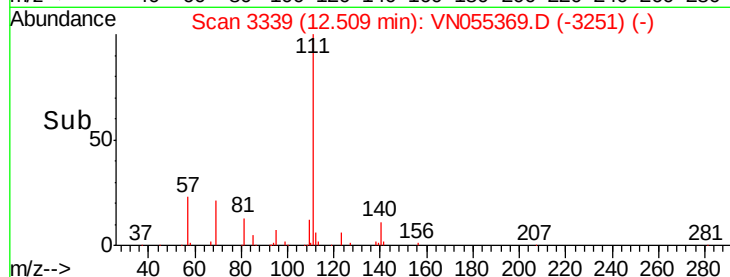
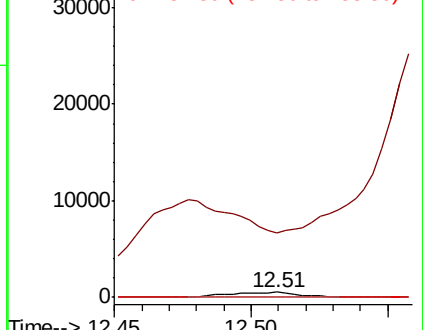
158 0.0 49.3 147.8#



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: 43.037 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055369.D

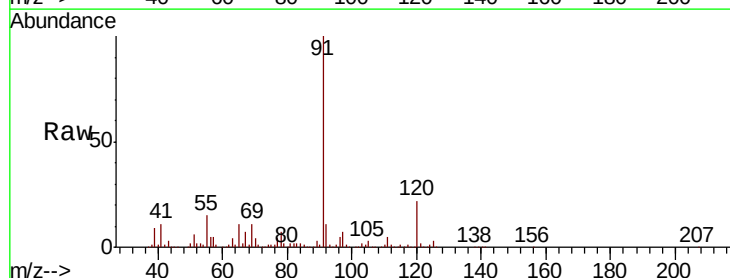
Acq: 3 May 2019 00:17

Tgt Ion: 91 Resp: 1208195

Ion Ratio Lower Upper

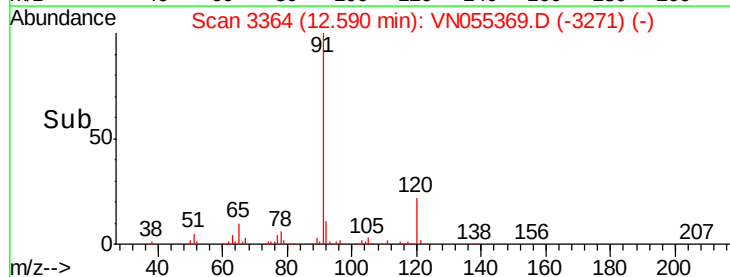
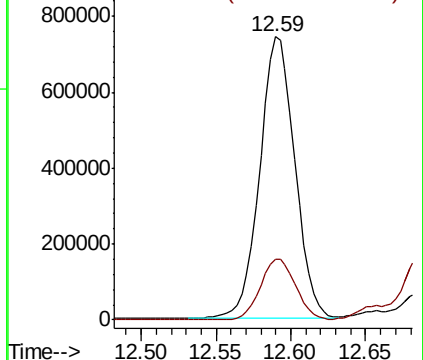
91 100

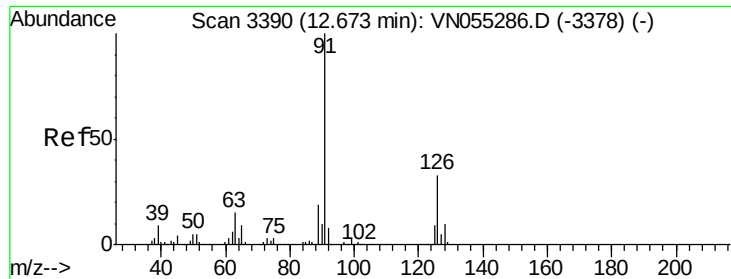
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 3.305 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

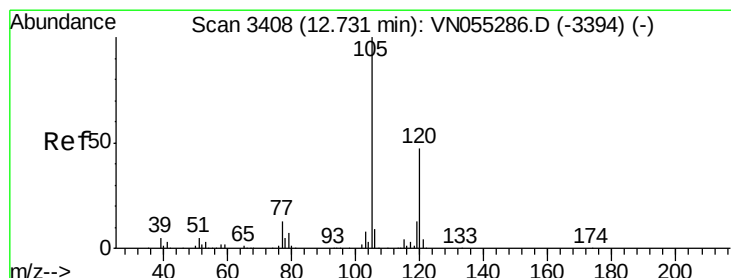
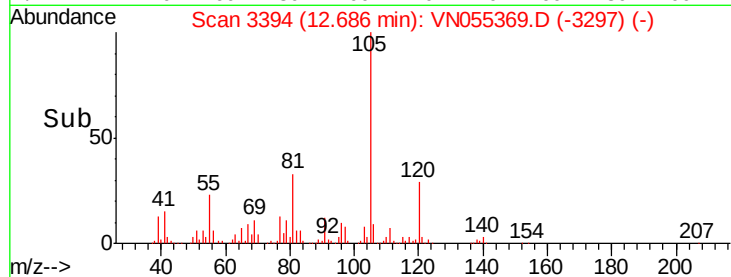
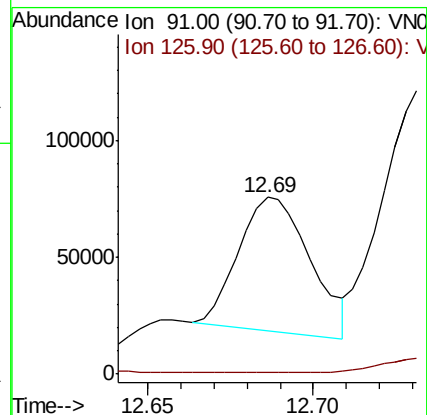
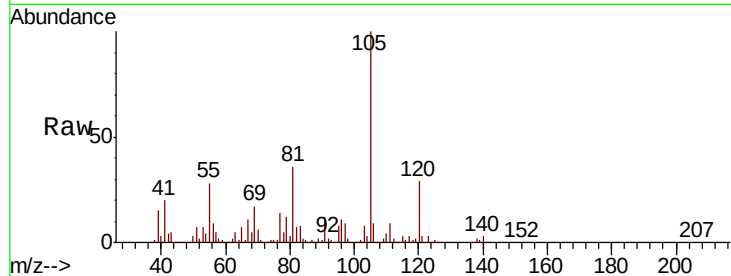
EP1-SB-E7(14-17)

Tot Ion: 91 Resp: 85784

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



#80

1,3,5-Trimethylbenzene

Concen: 76.624 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055369.D

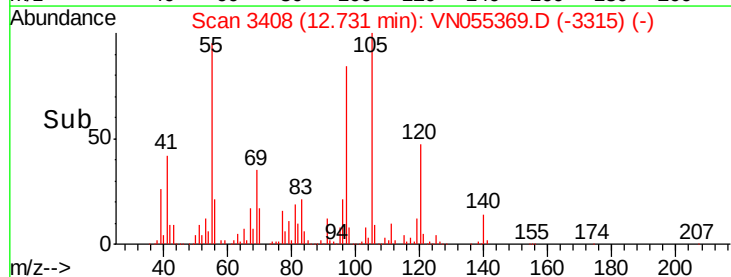
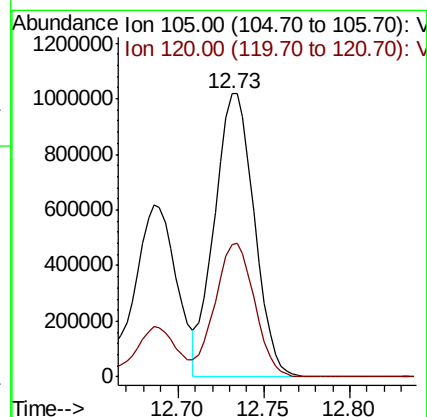
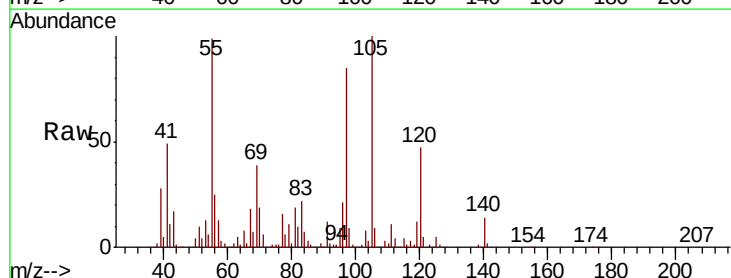
Acq: 3 May 2019 00:17

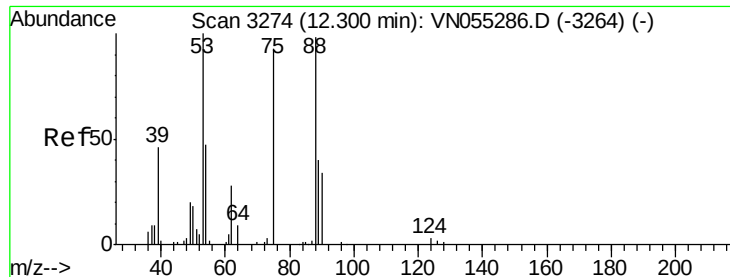
Tgt Ion:105 Resp: 1641717

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 3.399 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

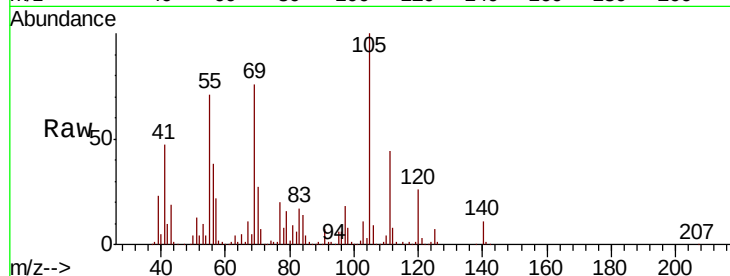
Tot Ion: 75 Resp: 4902

Ion Ratio Lower Upper

75 100

53 298.7 86.3 129.5#

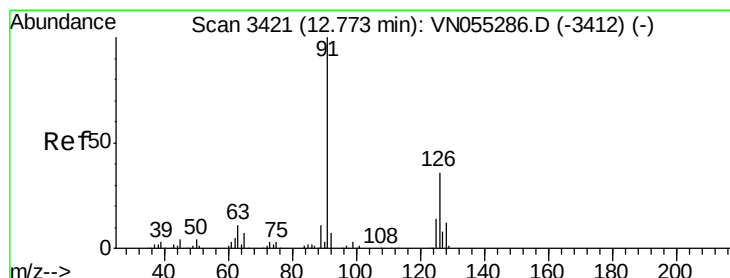
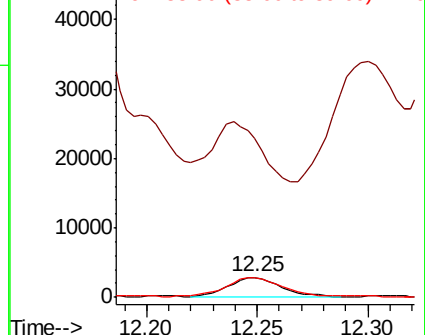
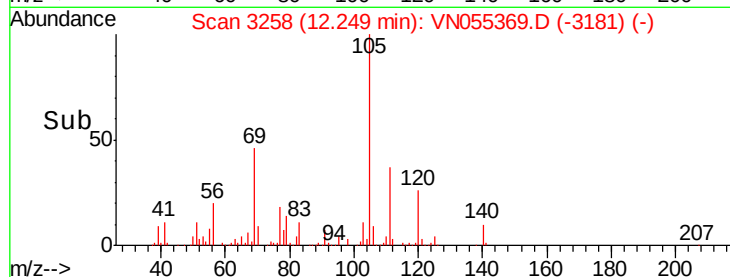
89 109.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 11.503 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055369.D

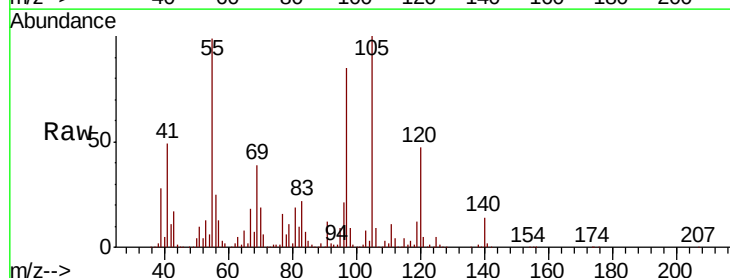
Acq: 3 May 2019 00:17

Tgt Ion: 91 Resp: 187766

Ion Ratio Lower Upper

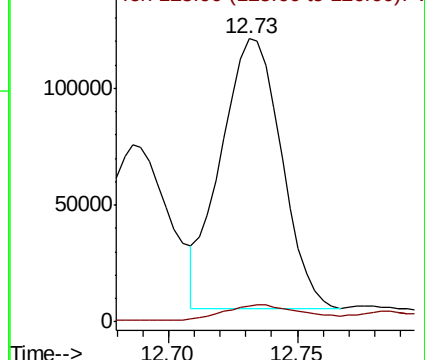
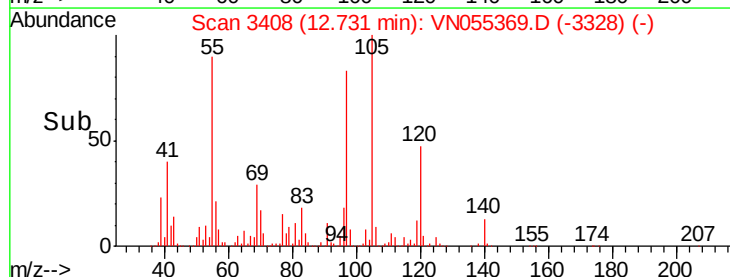
91 100

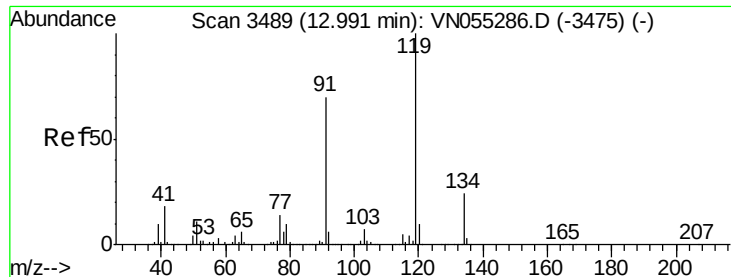
126 7.5 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 3.889 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

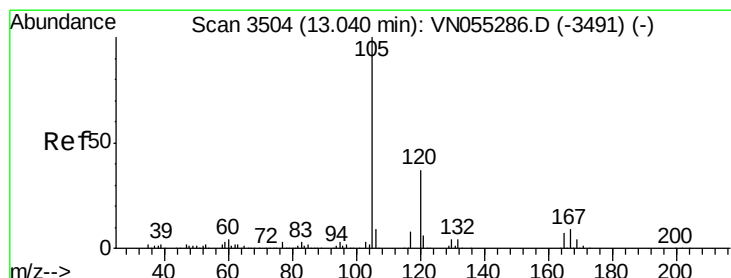
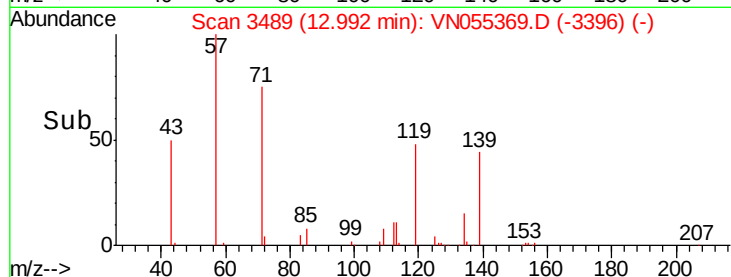
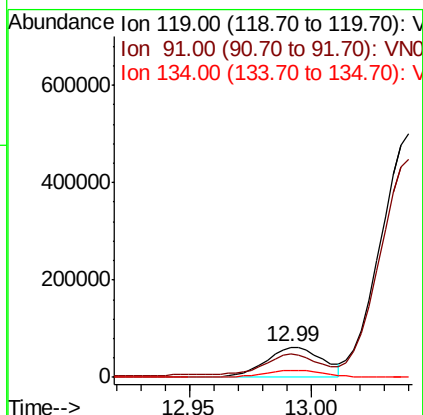
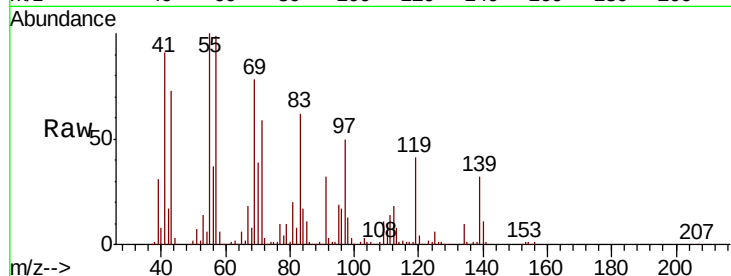
Tot Ion:119 Resp: 99691

Ion Ratio Lower Upper

119 100

91 72.3 34.3 102.9

134 24.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 345.532 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055369.D

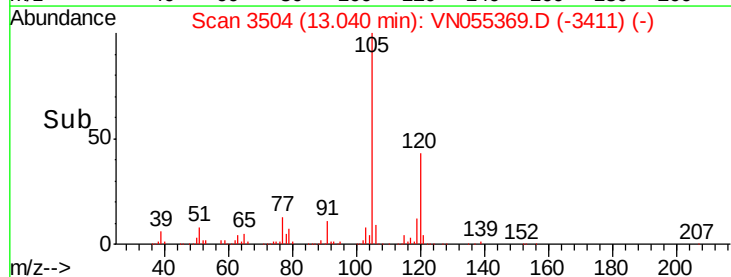
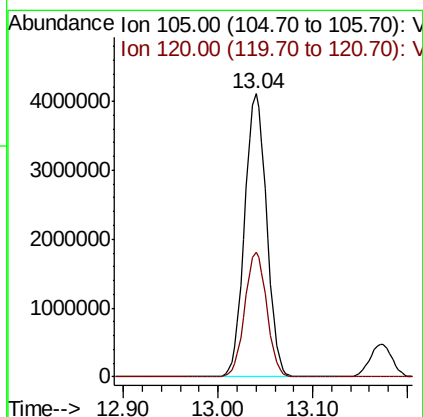
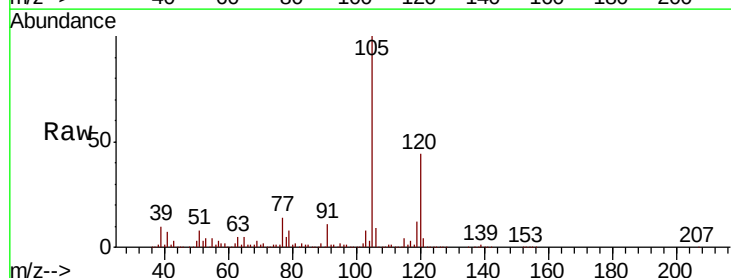
Acq: 3 May 2019 00:17

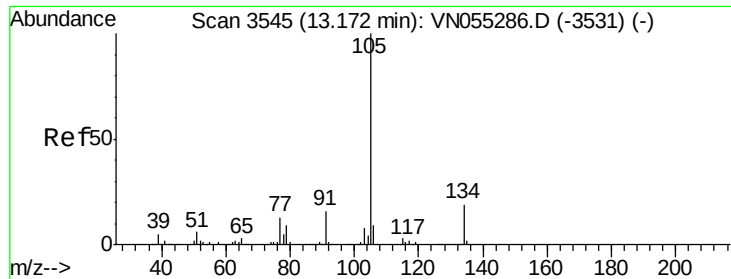
Tgt Ion:105 Resp: 6621062

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 33.363 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

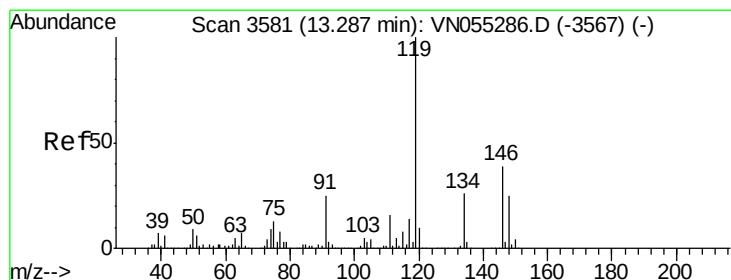
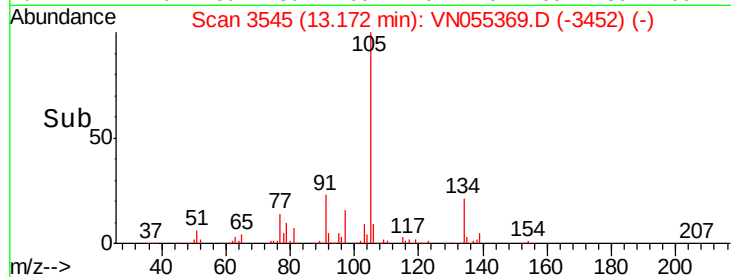
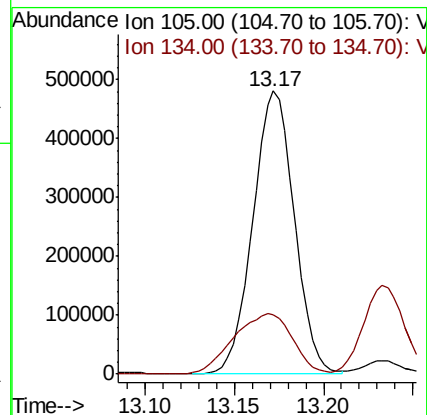
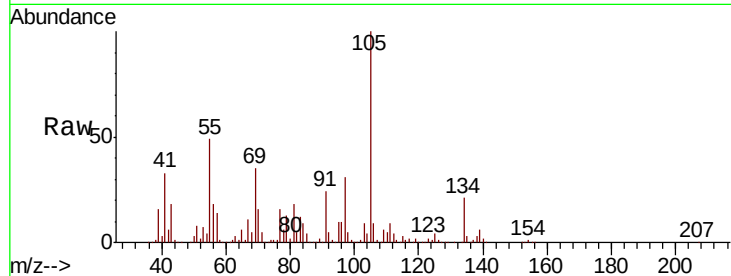
EP1-SB-E7(14-17)

Tot Ion:105 Resp: 776946

Ion Ratio Lower Upper

105 100

134 30.5 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 34.988 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

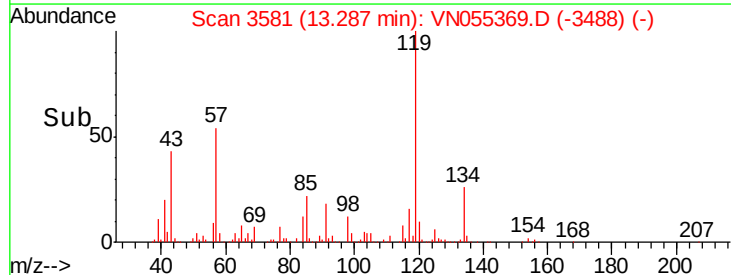
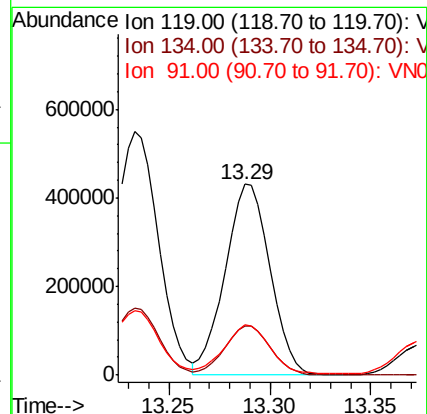
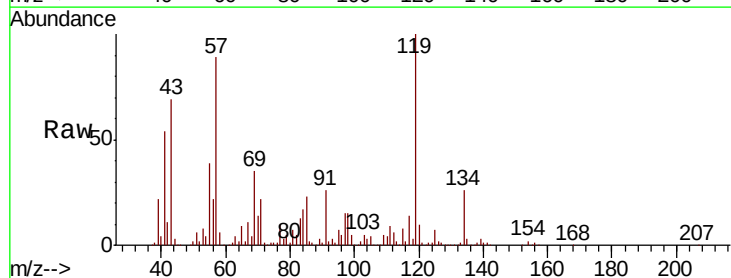
Tgt Ion:119 Resp: 669686

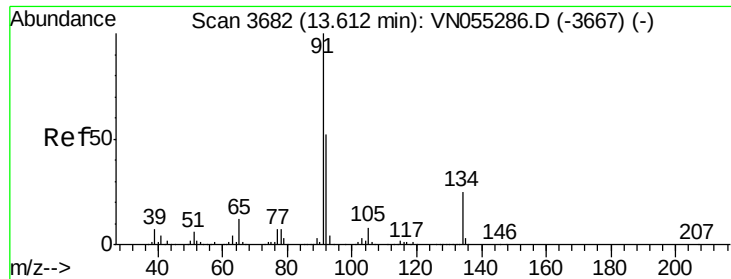
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 25.2 12.2 36.6

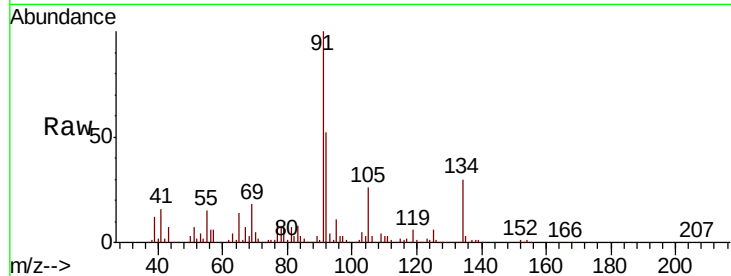




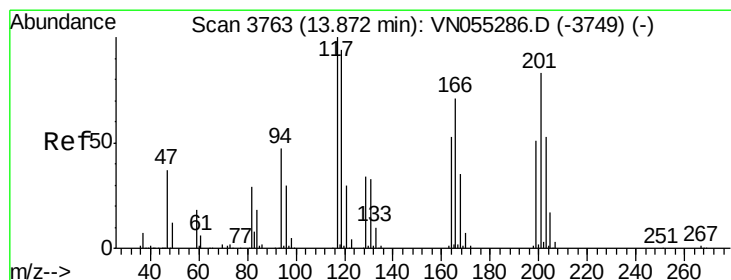
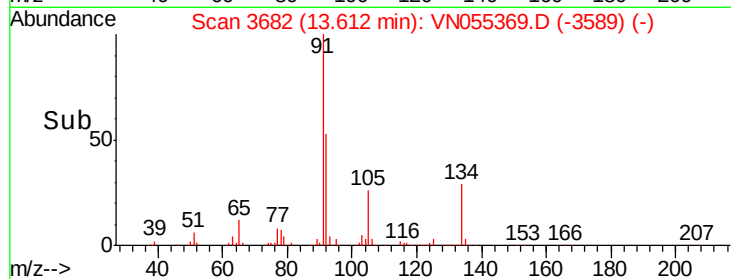
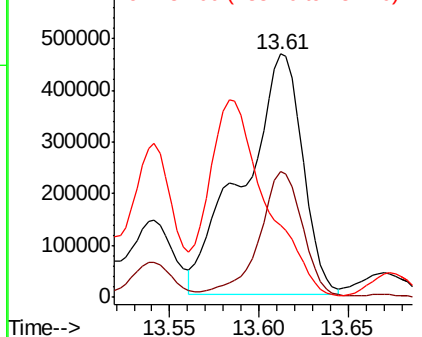
#89
n-Butylbenzene
Concen: 78.895 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

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

Tot Ion: 91 Resp: 1073040
Ion Ratio Lower Upper
91 100
92 37.8 26.1 78.3
134 0.0 12.4 37.4#

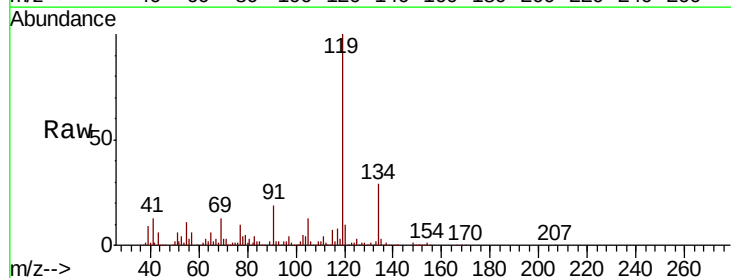


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

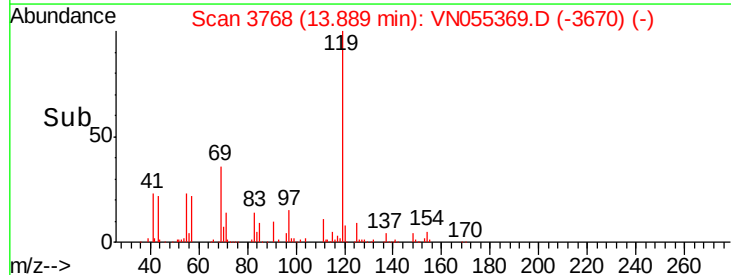
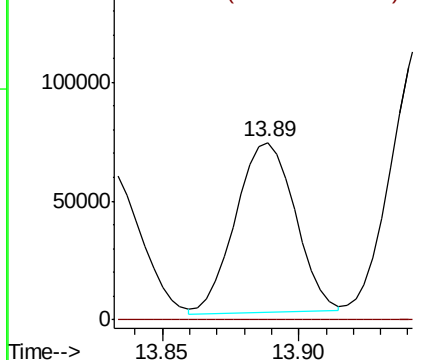


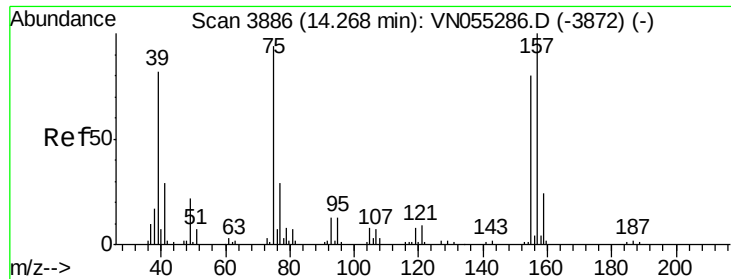
#90
Hexachloroethane
Concen: 35.279 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion: 117 Resp: 108323
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: 7.449 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

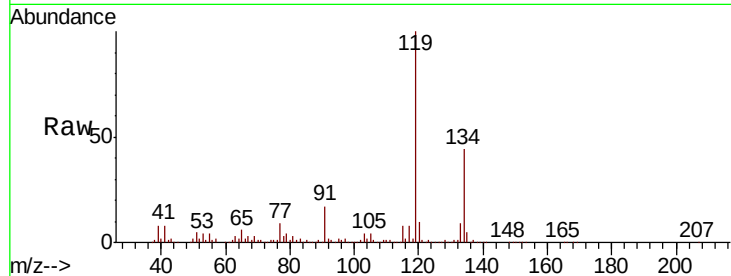
Tot Ion: 75 Resp: 5356

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

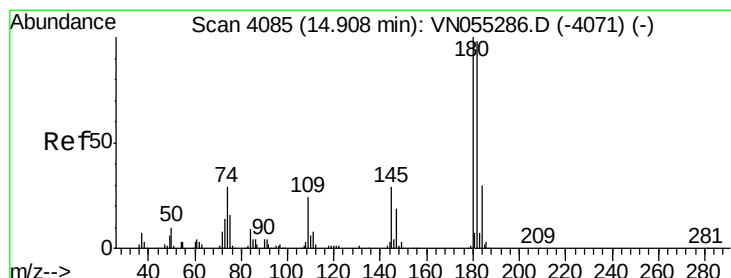
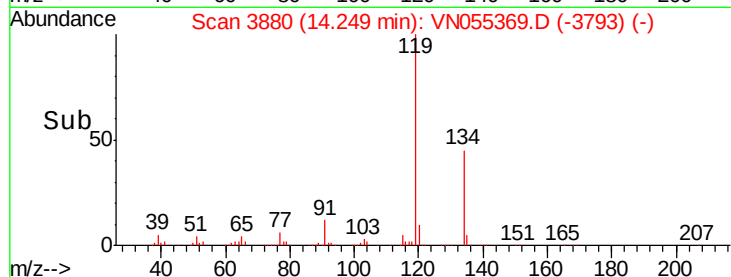
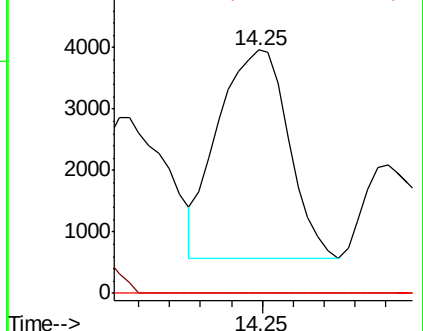
157 0.0 54.0 162.2#



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

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

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



#93

1,2,4-Trichlorobenzene

Concen: 3.418 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

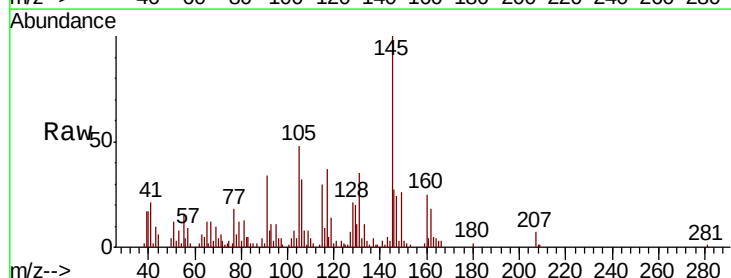
Tgt Ion:180 Resp: 411

Ion Ratio Lower Upper

180 100

182 27.3 48.3 144.9#

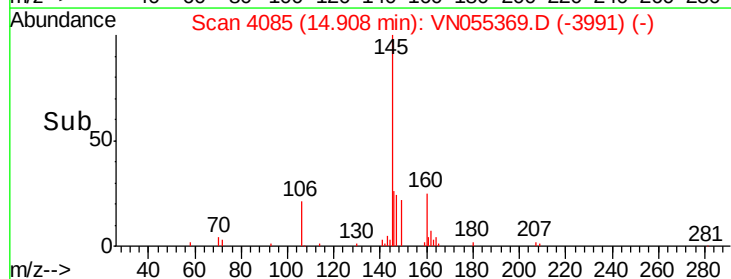
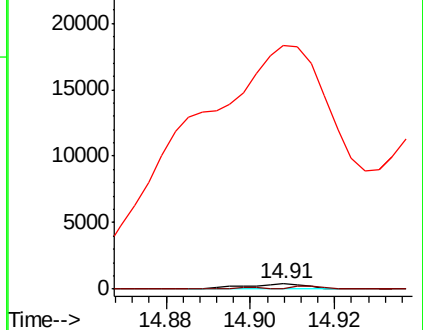
145 11541.6 14.2 42.6#

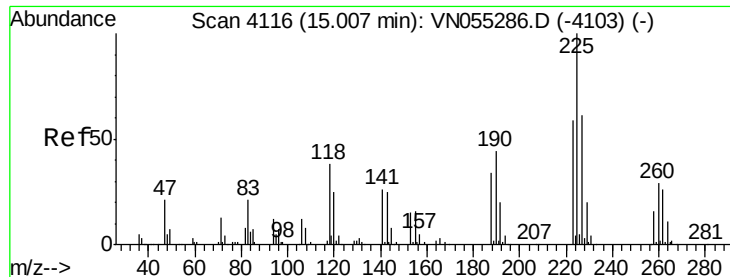


Abundance Ion 179.80 (179.50 to 180.50): VN055286.D (-4071) (-)

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

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





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

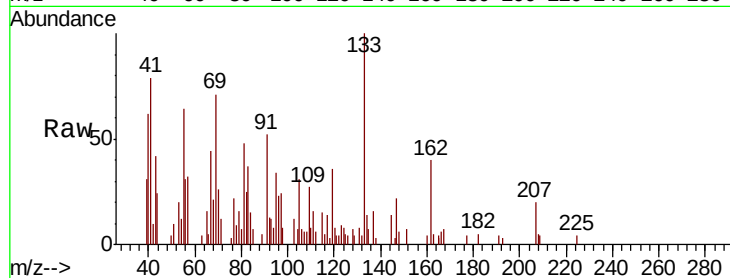
Tot Ion:225 Resp: 100

Ion Ratio Lower Upper

225 100

223 0.0 30.3 90.8#

227 0.0 30.9 92.7#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

250

200

150

100

50

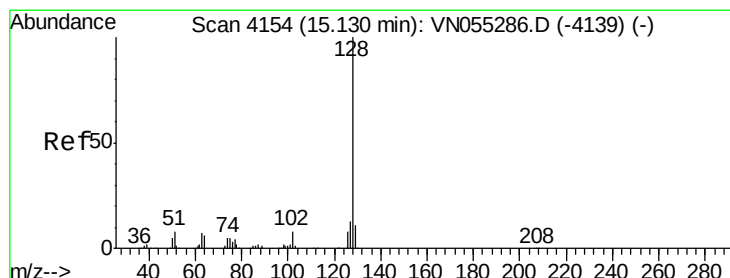
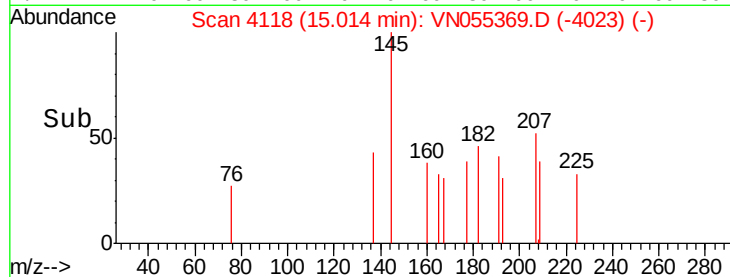
0

15.00

15.01

15.02

Time-->



#95

Naphthalene

Concen: 9.415 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

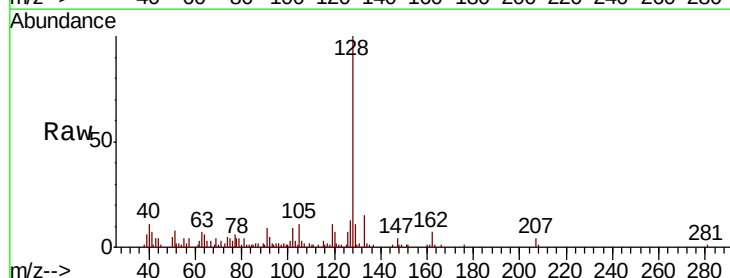
Tgt Ion:128 Resp: 49538

Ion Ratio Lower Upper

128 100

127 12.4 10.7 16.1

129 11.0 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

40000

30000

20000

10000

0

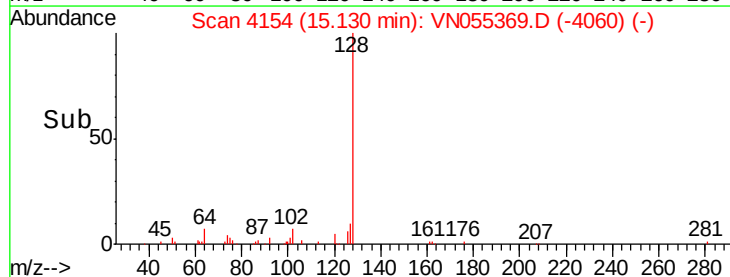
15.05

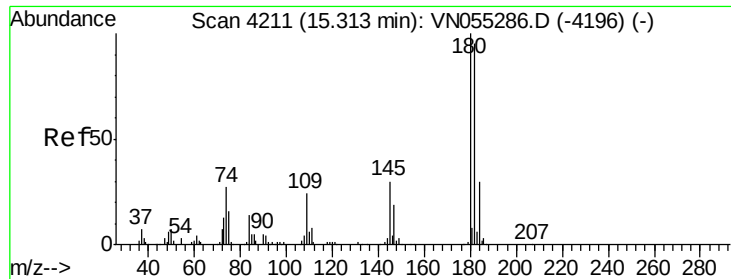
15.10

15.15

15.20

Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 2.660 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN055369.D
 Acq: 3 May 2019 00:17

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.9#
145	0.0	15.2	45.6#

