

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055367.D
 Acq On : 2 May 2019 23:27
 Operator : JC/SP
 Sample : K2658-03 10X
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)

Quant Time: May 03 05:19:40 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	402062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	692399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	651143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312223	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	270973	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
35) Dibromofluoromethane	7.59	113	216889	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
50) Toluene-d8	10.09	98	887515	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.40	95	420740	82.03	ug/l	0.00
Spiked Amount			Recovery	=	164.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	376	0.229	ug/l #	45
31) Cyclohexane	7.67	56	12897	1.559	ug/l #	6
36) 1,1-Dichloropropene	7.67	75	30916	4.662	ug/l #	50
38) Carbon Tetrachloride	7.67	117	38319	5.990	ug/l #	15
39) Methylcyclohexane	9.08	83	41676	5.910	ug/l	97
41) Methacrylonitrile	7.38	41	31	0.751	ug/l #	1
51) 4-Methyl-2-Pentanone	10.09	43	19743	4.293	ug/l	89
55) 1,1,2-Trichloroethane	10.53	97	86575	20.783	ug/l #	19
56) Ethyl methacrylate	10.43	69	40756	7.949	ug/l #	9
58) 2-Chloroethyl Vinyl ether	9.72	63	107	12.469	ug/l #	52
59) 2-Hexanone	10.72	43	608244	211.375	ug/l #	32
64) Tetrachloroethene	10.63	164	1699	0.319	ug/l #	92
65) Chlorobenzene	11.54	112	23699	1.862	ug/l #	43
67) Ethyl Benzene	11.51	91	256568	11.160	ug/l	99
68) m/p-Xylenes	11.63	106	250144	30.484	ug/l	99
69) o-Xylene	11.95	106	9139	1.124	ug/l #	1
73) Isopropylbenzene	12.25	105	1420934	57.681	ug/l	99
74) N-amyl acetate	12.05	43	1363371	170.148	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.47	83	123042	17.845	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	24159	1.732	ug/l #	100
77) Bromobenzene	12.54	156	117	Below Cal	#	1
78) n-propylbenzene	12.59	91	3919000	122.195	ug/l	99
79) 2-Chlorotoluene	12.69	91	392072	21.662	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	1909575	78.014	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.25	75	17053	10.350	ug/l #	1
82) 4-Chlorotoluene	12.73	91	226089	12.124	ug/l #	60
83) tert-Butylbenzene	12.99	119	251695	12.335	ug/l	92
84) 1,2,4-Trimethylbenzene	13.17	105	2109093	96.344	ug/l #	32
85) sec-Butylbenzene	13.17	105	2109093	79.276	ug/l #	75
86) p-Isopropyltoluene	13.29	119	1809942	82.772	ug/l	99
89) n-Butylbenzene	13.61	91	2637617	169.752	ug/l #	73
90) Hexachloroethane	13.89	117	309434	90.654	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	17255	21.007	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	972	3.533	ug/l #	1

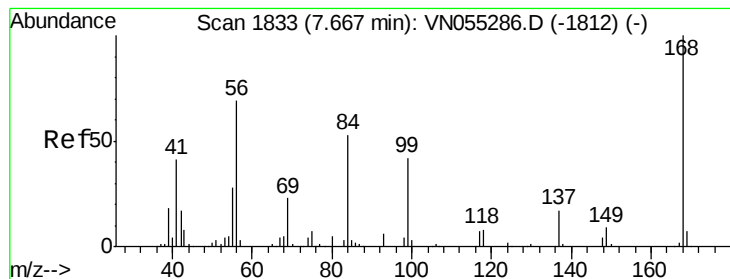
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
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Acq On : 2 May 2019 23:27
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.00	225	62	Below Cal #	20
95) Naphthalene	15.13	128	106333	14.765 ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	421	2.712 ug/l #	1

(#) = 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: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampled :

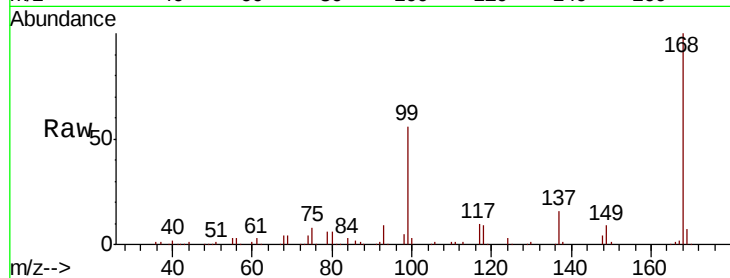
EP1-SB-E6(14-17)

Tot Ion:168 Resp: 402062

Ion Ratio Lower Upper

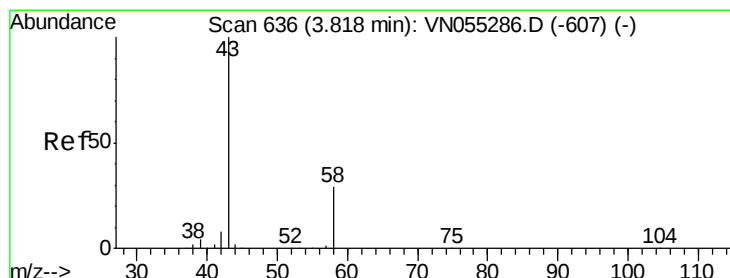
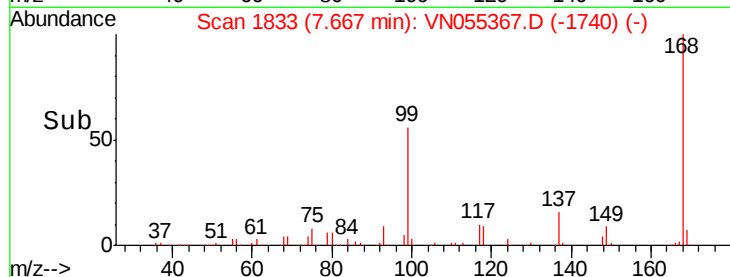
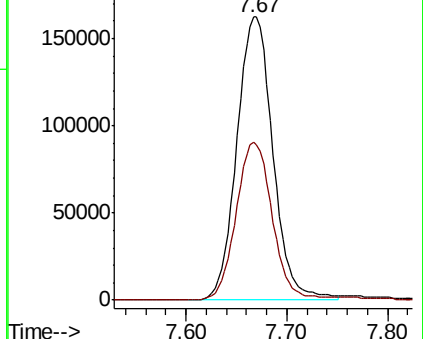
168 100

99 55.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.229 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.01 min

Lab File: VN055367.D

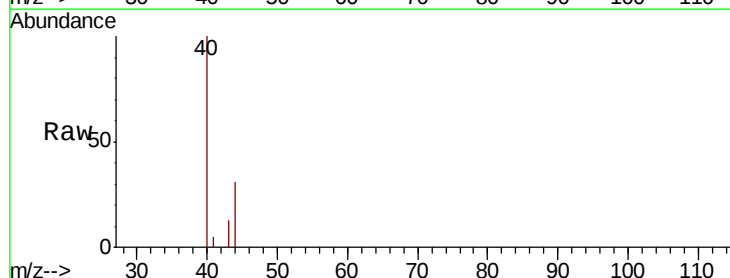
Acq: 2 May 2019 23:27

Tgt Ion: 43 Resp: 376

Ion Ratio Lower Upper

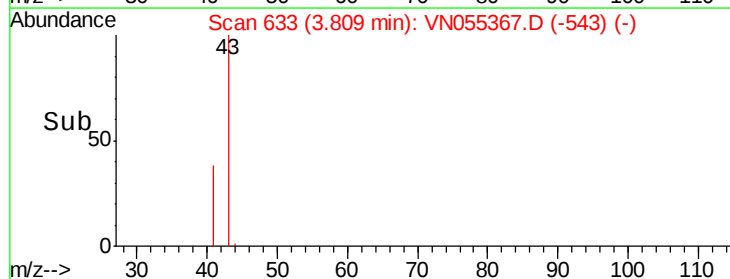
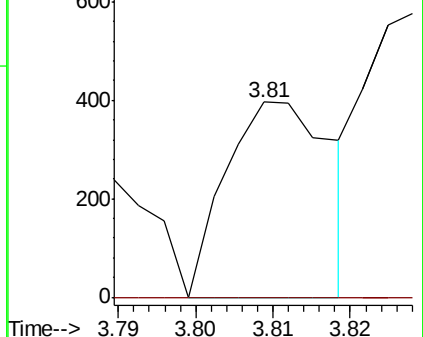
43 100

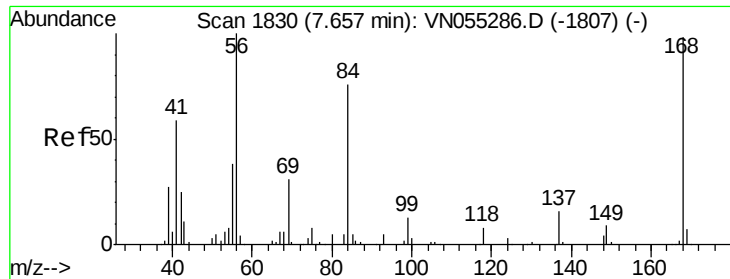
58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

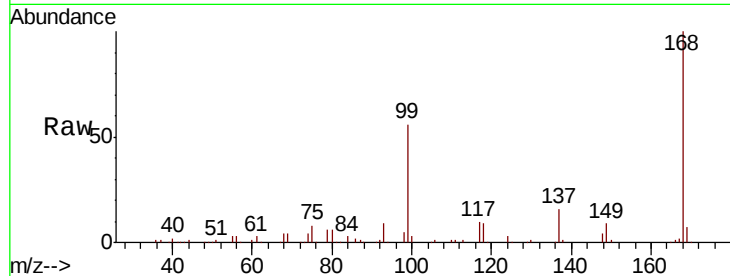




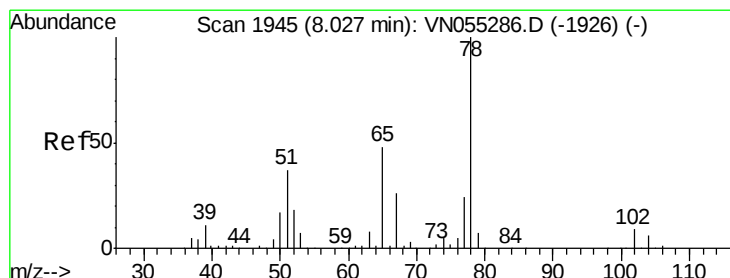
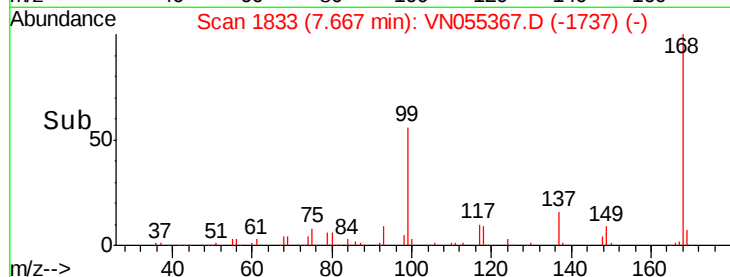
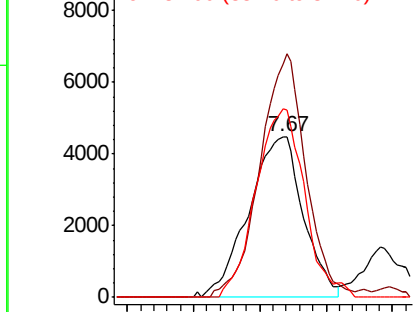
#31
Cyclohexane
Concen: 1.559 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)

Tot Ion: 56 Resp: 12897
Ion Ratio Lower Upper
56 100
69 145.5 25.2 37.8#
84 117.8 61.1 91.7#

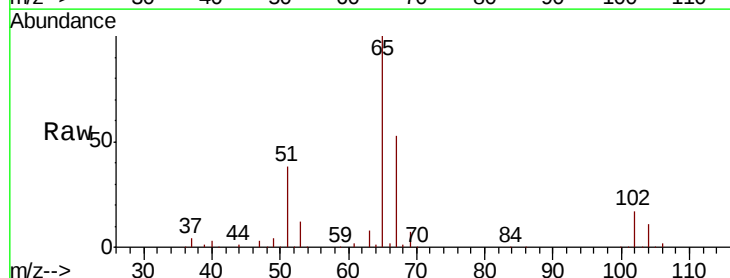


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

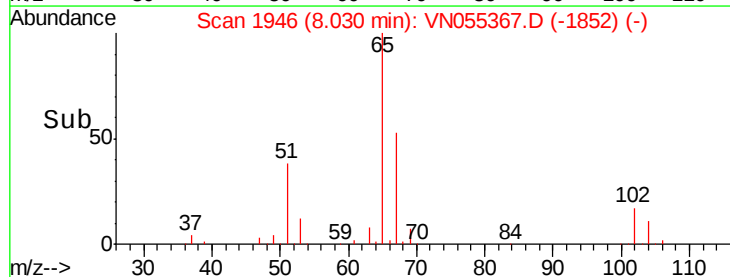
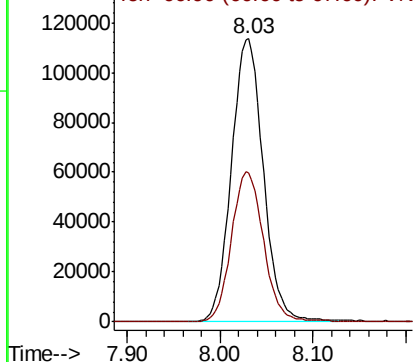


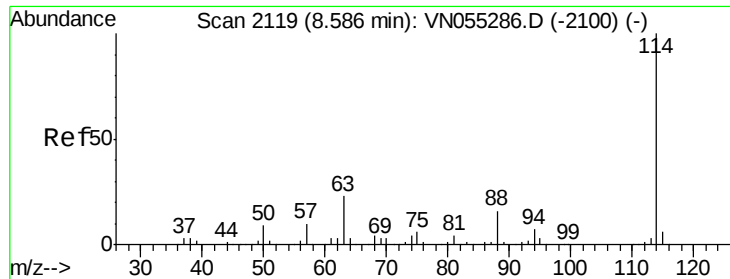
#33
1,2-Dichloroethane-d4
Concen: 51.517 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Tgt Ion: 65 Resp: 270973
Ion Ratio Lower Upper
65 100
67 53.3 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: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

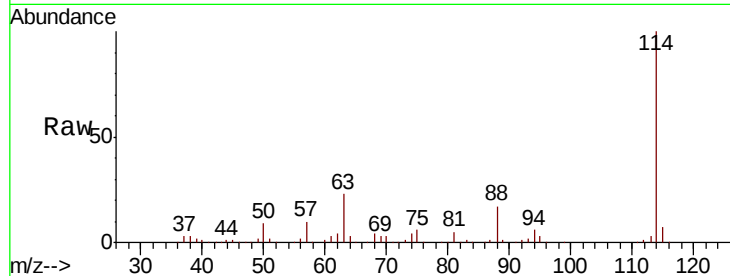
Tot Ion:114 Resp: 692399

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.2

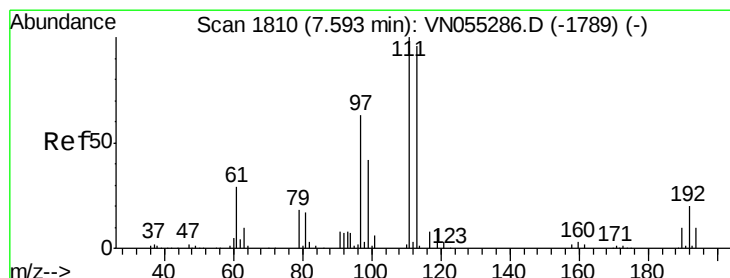
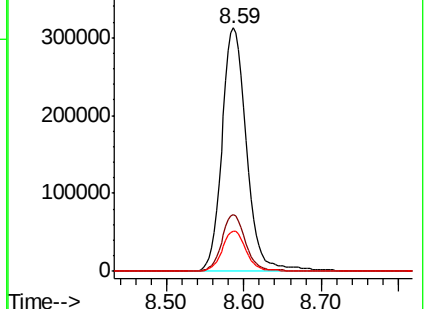
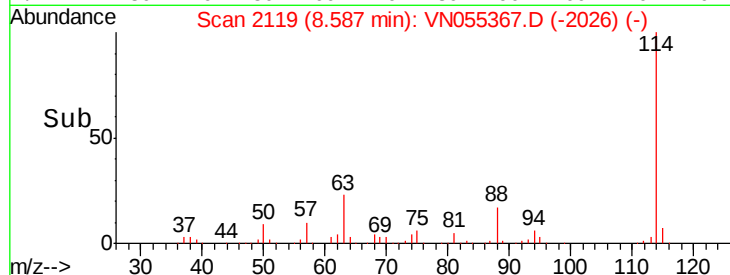
88 16.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.724 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

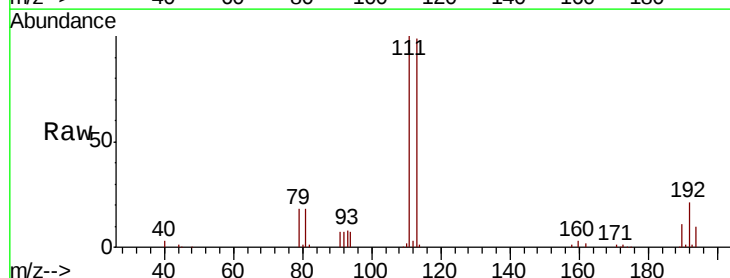
Tgt Ion:113 Resp: 216889

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

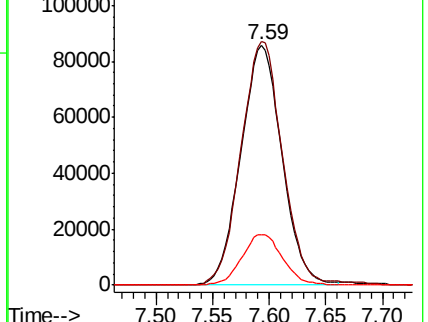
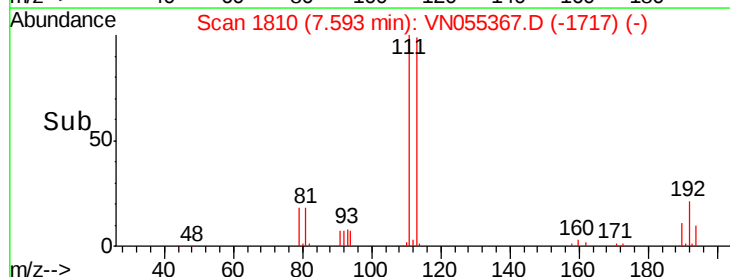
192 20.9 17.0 25.6

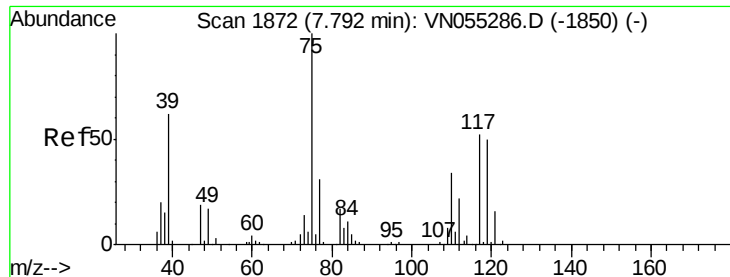


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

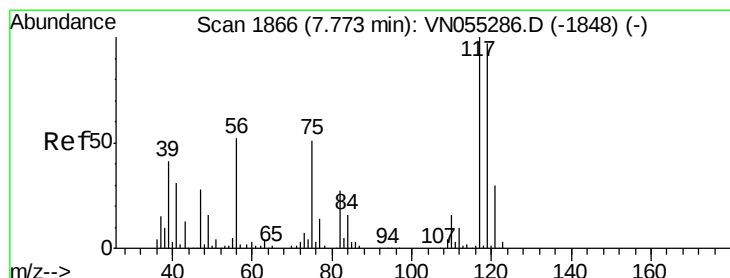
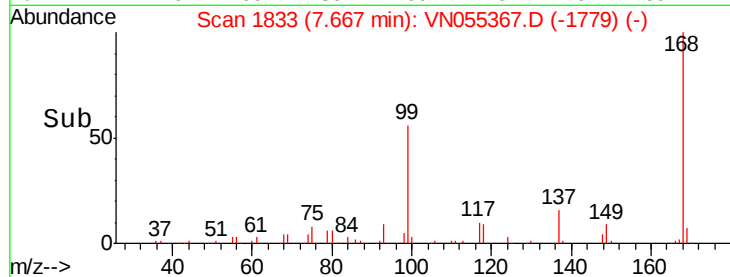
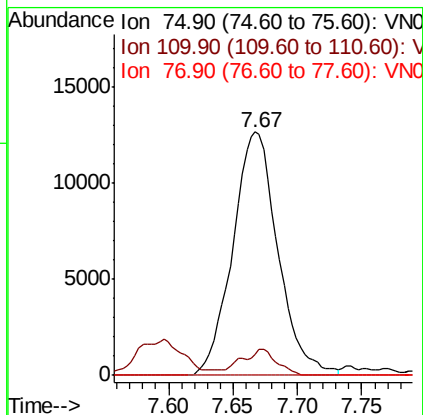
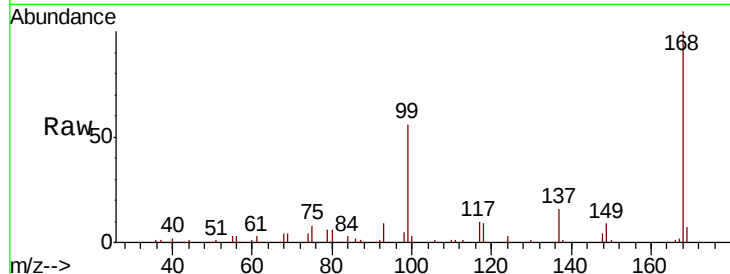




#36
 1,1-Dichloropropene
 Concen: 4.662 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

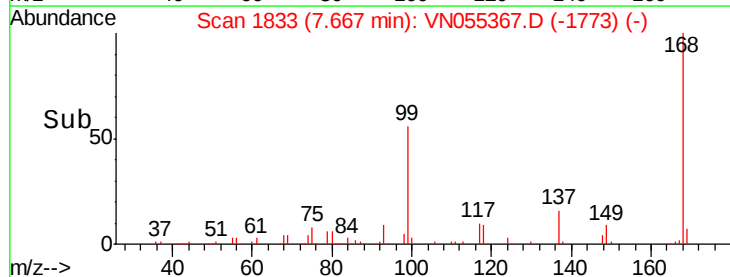
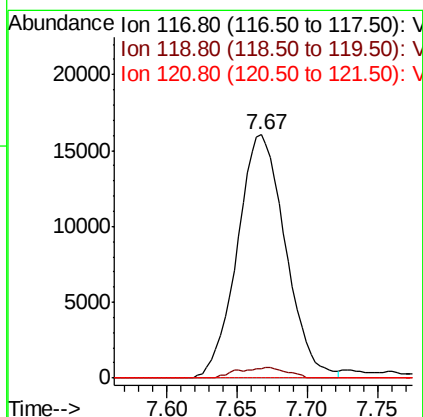
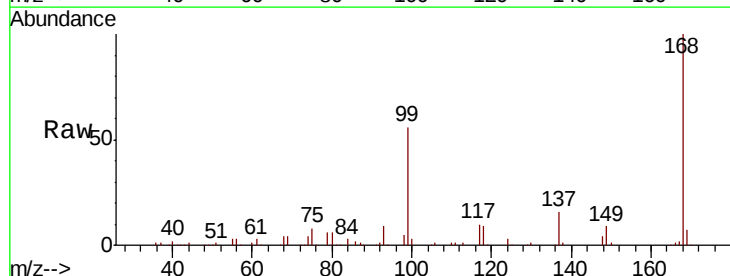
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)

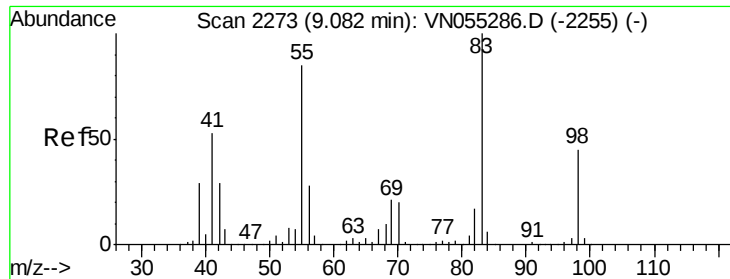
Tot Ion: 75 Resp: 30916
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.990 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Tgt Ion: 117 Resp: 38319
 Ion Ratio Lower Upper
 117 100
 119 4.0 77.0 115.6#
 121 0.0 23.8 35.8#

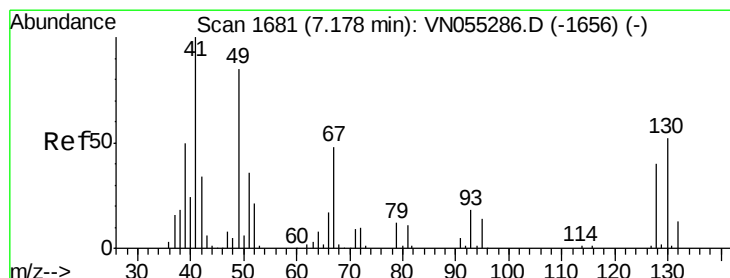
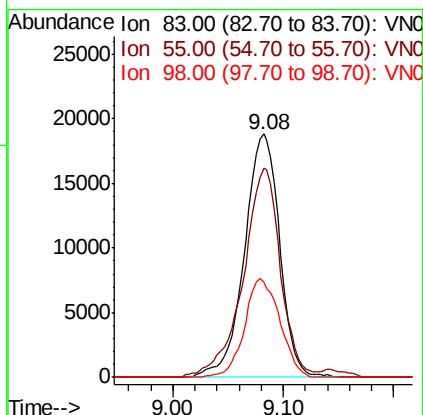
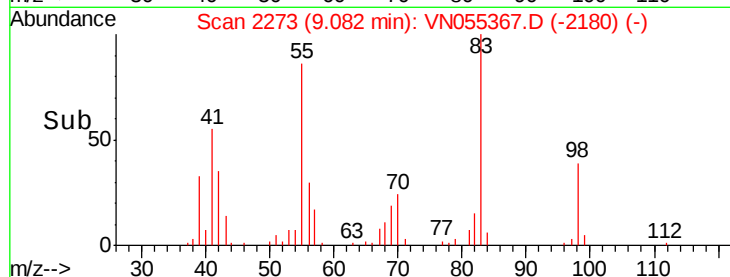
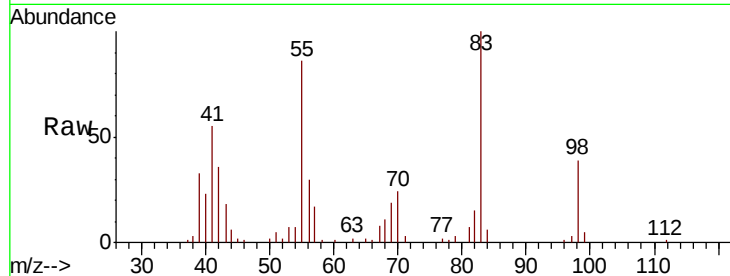




#39
Methylcyclohexane
Concen: 5.910 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

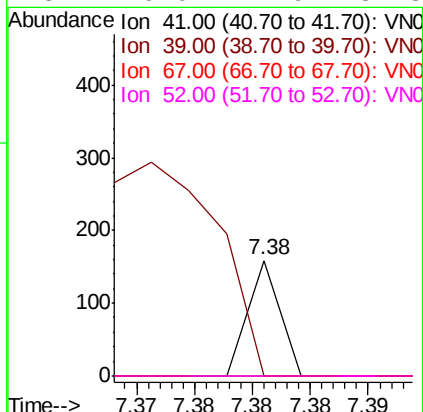
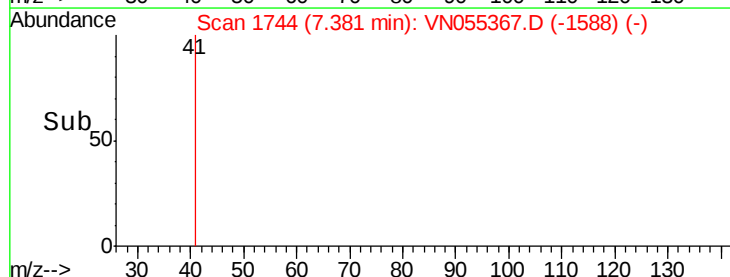
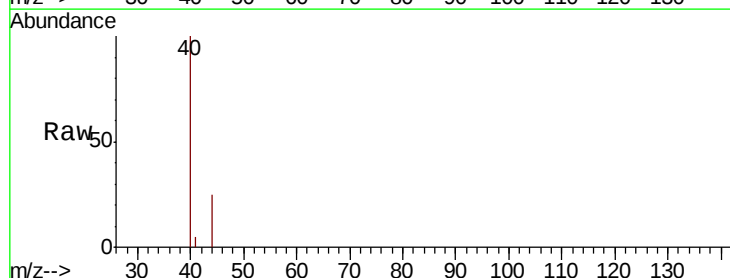
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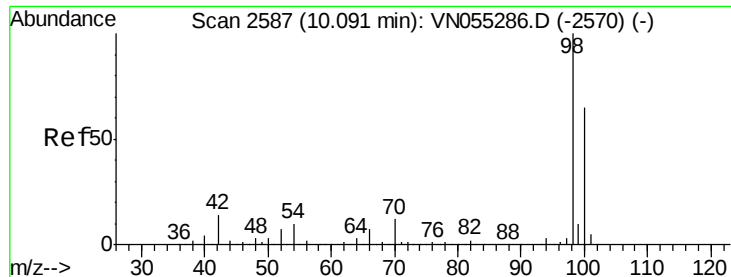
Tot Ion: 83 Resp: 41676
Ion Ratio Lower Upper
83 100
55 84.7 67.8 101.6
98 39.0 36.2 54.4



#41
Methacrylonitrile
Concen: 0.751 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.20 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Tgt Ion: 41 Resp: 31
Ion Ratio Lower Upper
41 100
39 745.2 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#





#50

Toluene-d8

Concen: 54.083 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

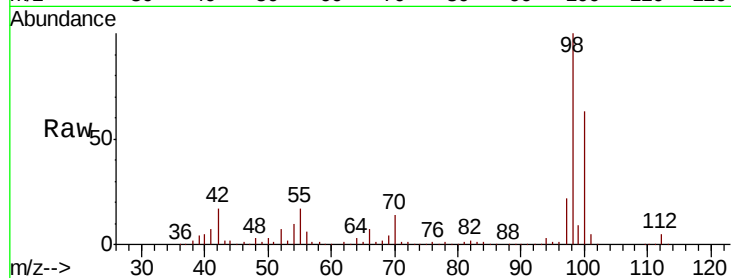
EP1-SB-E6(14-17)

Tot Ion: 98 Resp: 887515

Ion Ratio Lower Upper

98 100

100 62.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

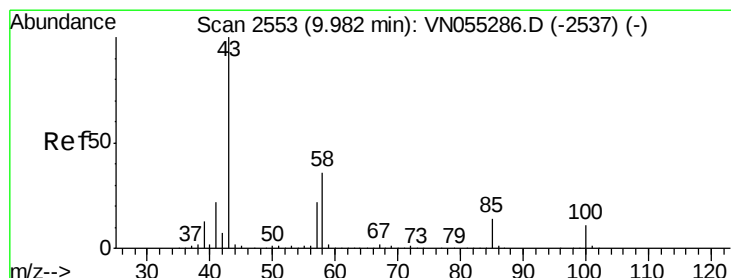
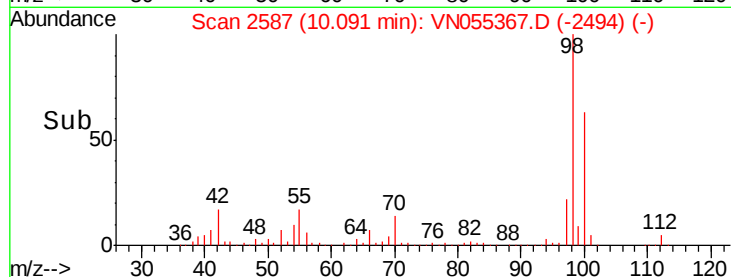
200000

100000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 4.293 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN055367.D

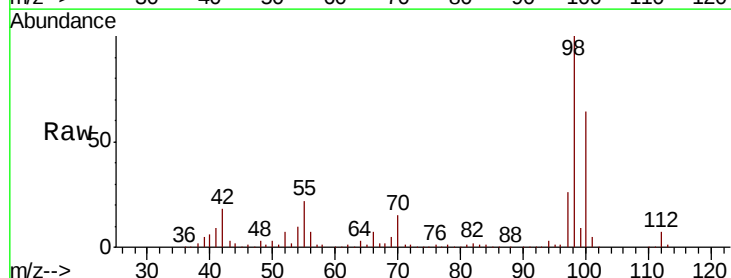
Acq: 2 May 2019 23:27

Tgt Ion: 43 Resp: 19743

Ion Ratio Lower Upper

43 100

58 41.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.09

12000

10000

8000

6000

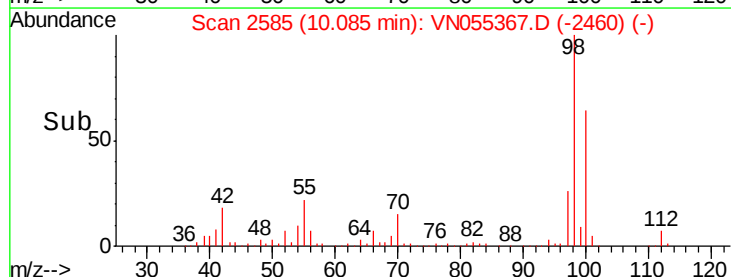
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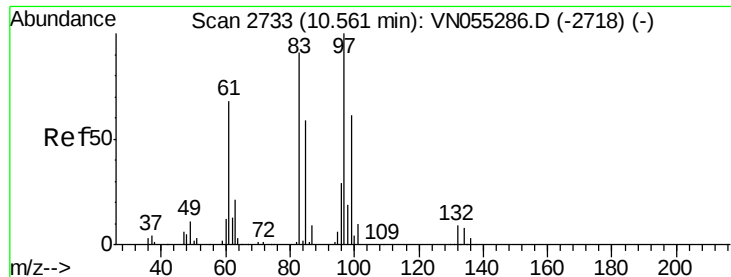
2000

0

Time-->

10.05 10.10





#55

1,1,2-Trichloroethane

Concen: 20.783 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

Tot Ion: 97 Resp: 86575

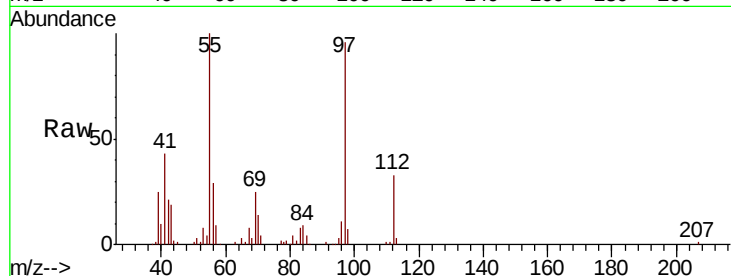
Ion Ratio Lower Upper

97 100

83 8.8 72.8 109.2#

85 4.3 47.0 70.6#

99 0.0 49.0 73.4#

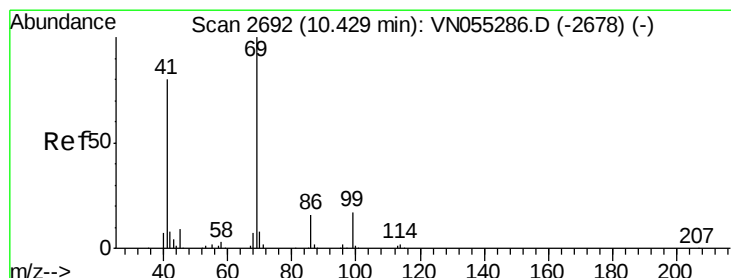
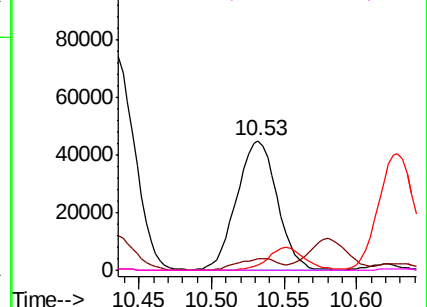
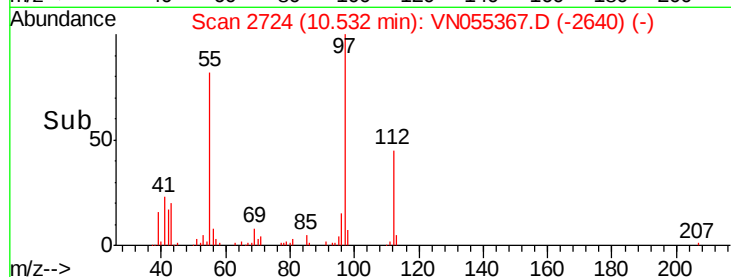


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 7.949 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

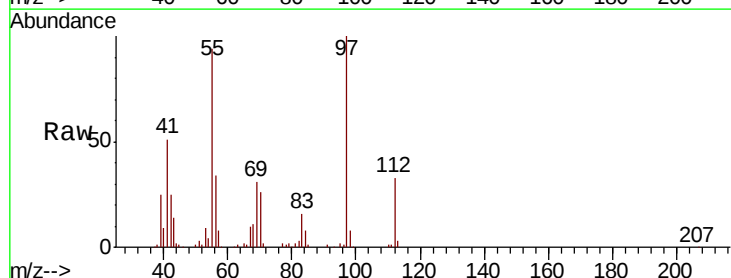
Tgt Ion: 69 Resp: 40756

Ion Ratio Lower Upper

69 100

41 167.8 62.7 94.1#

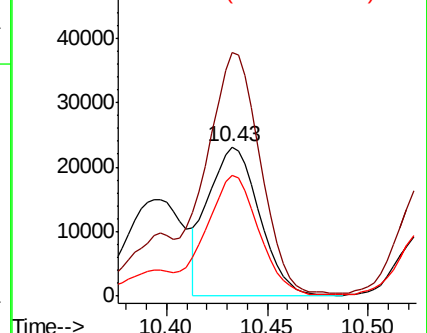
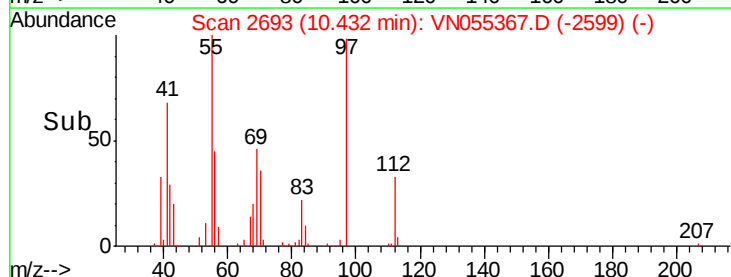
39 83.3 32.0 48.0#

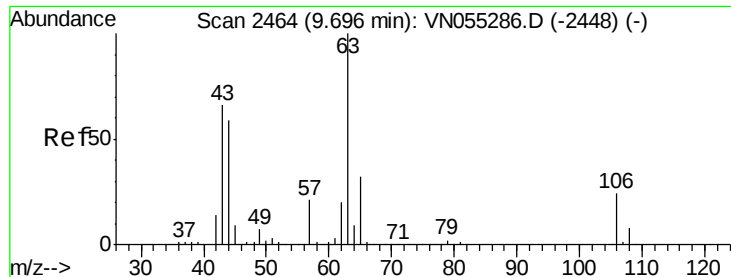


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#58

2-Chloroethyl Vinyl ether

Concen: 12.469 ug/l

RT: 9.72 min Scan# 2473

Delta R.T. 0.03 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

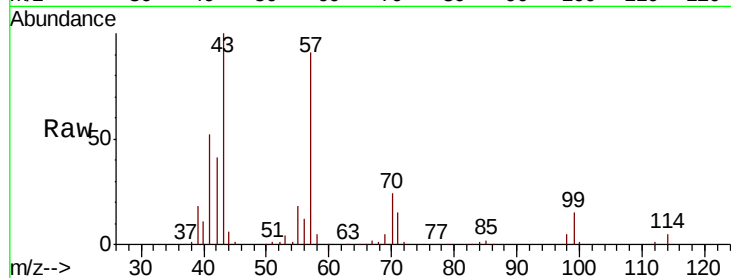
EP1-SB-E6(14-17)

Tot Ion: 63 Resp: 107

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

9.72

200

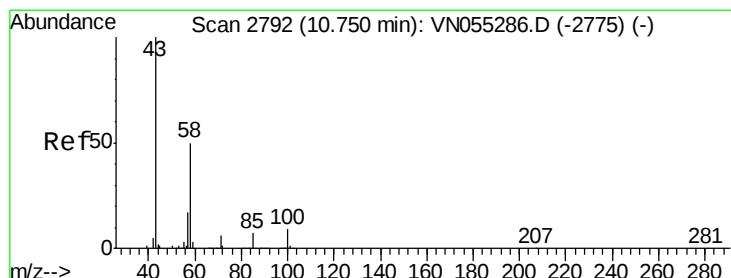
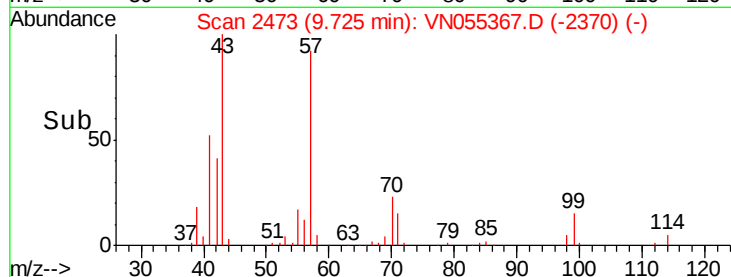
150

100

50

0

Time-->



#59

2-Hexanone

Concen: 211.375 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN055367.D

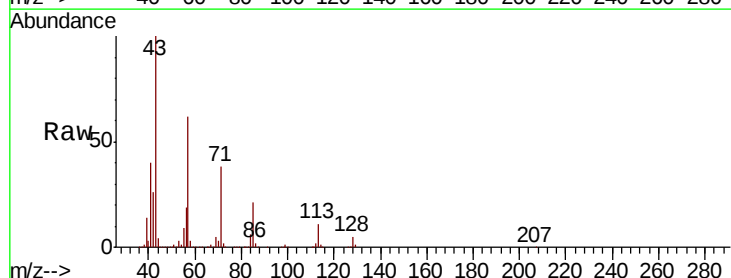
Acq: 2 May 2019 23:27

Tgt Ion: 43 Resp: 608244

Ion Ratio Lower Upper

43 100

58 2.8 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.72

400000

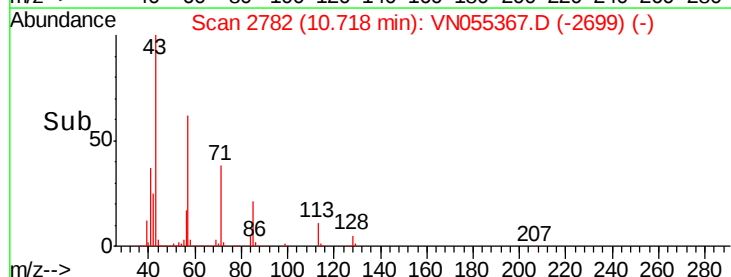
300000

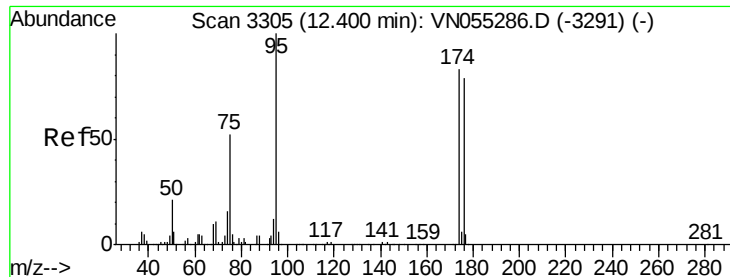
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 82.035 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

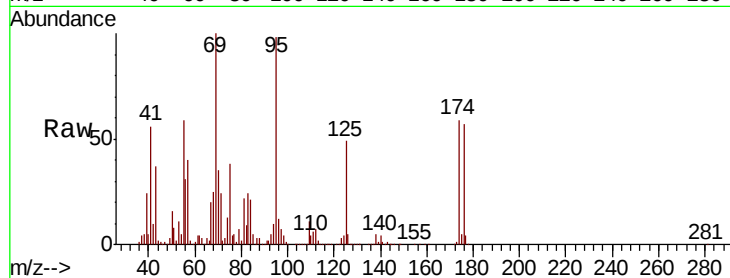
Tot Ion: 95 Resp: 420740

Ion Ratio Lower Upper

95 100

174 59.5 0.0 166.6

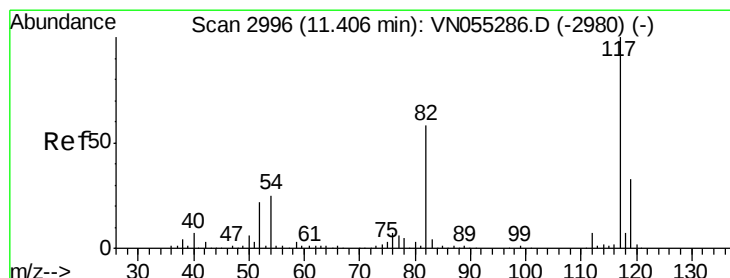
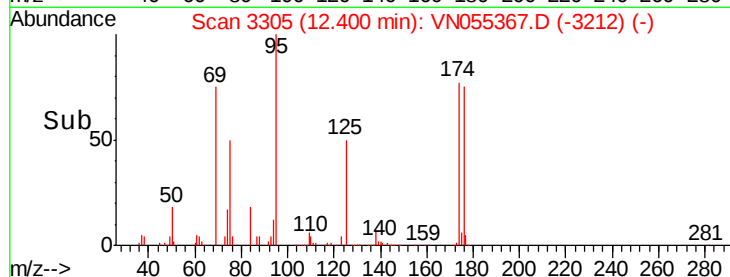
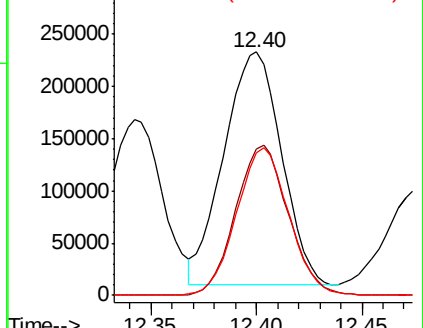
176 58.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055367.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055367.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055367.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

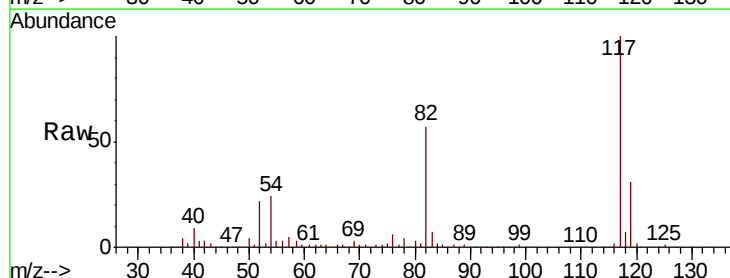
Tgt Ion: 117 Resp: 651143

Ion Ratio Lower Upper

117 100

82 51.0 46.2 69.4

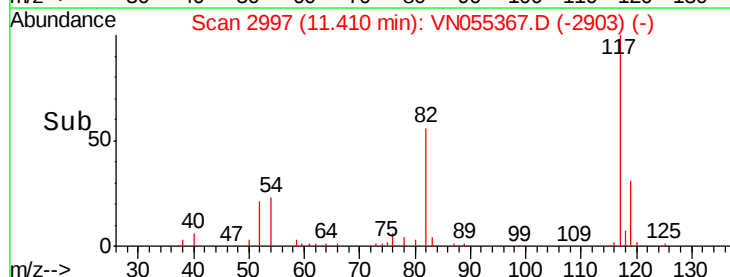
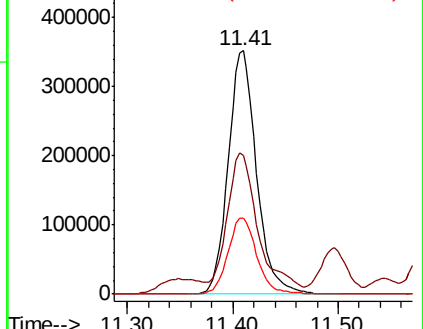
119 31.4 26.6 40.0

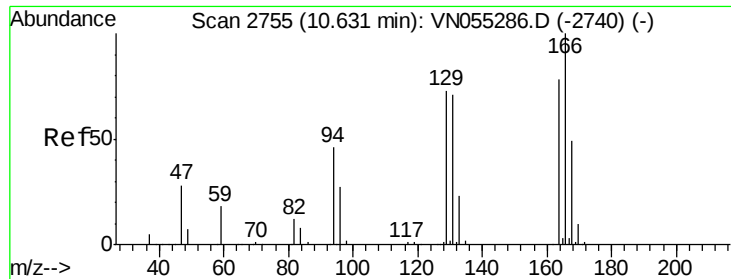


Abundance Ion 116.90 (116.60 to 117.60): VN055367.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055367.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055367.D (-2903) (-)





#64

Tetrachloroethene

Concen: 0.319 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

Tot Ion:164 Resp: 1699

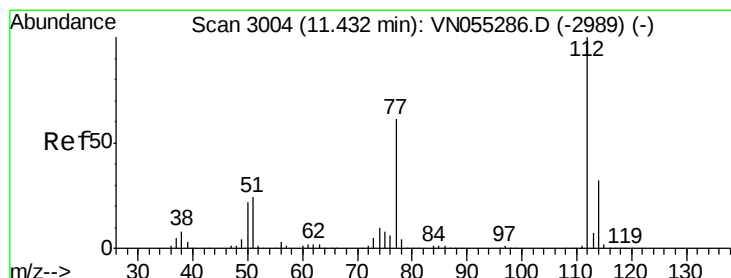
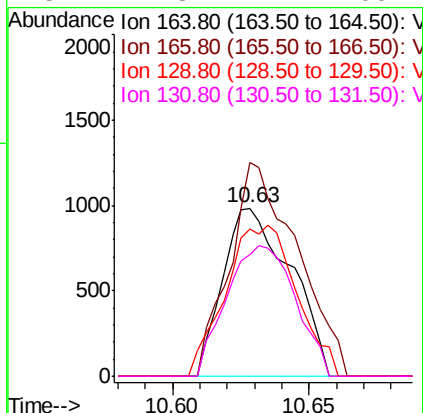
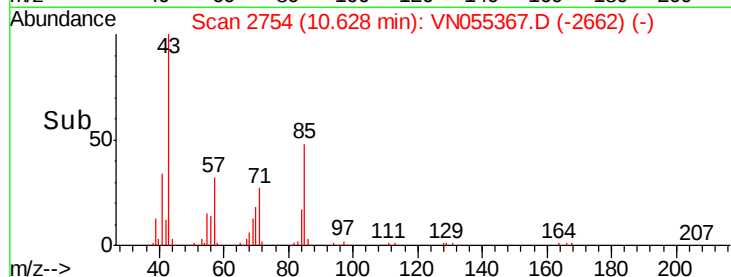
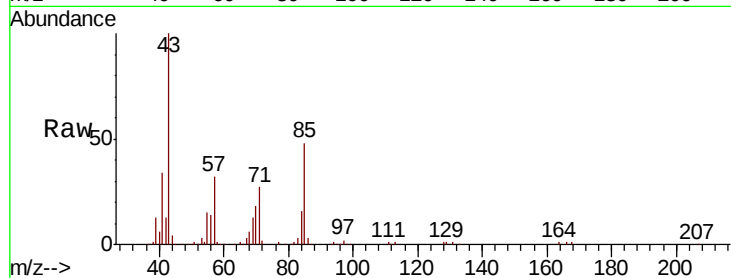
Ion Ratio Lower Upper

164 100

166 127.0 102.3 153.5

129 87.5 75.0 112.6

131 72.3 72.7 109.1#



#65

Chlorobenzene

Concen: 1.862 ug/l

RT: 11.54 min Scan# 3038

Delta R.T. 0.11 min

Lab File: VN055367.D

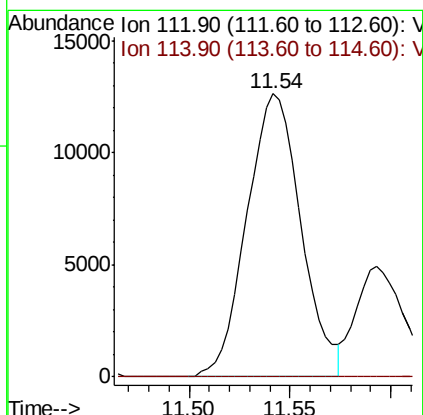
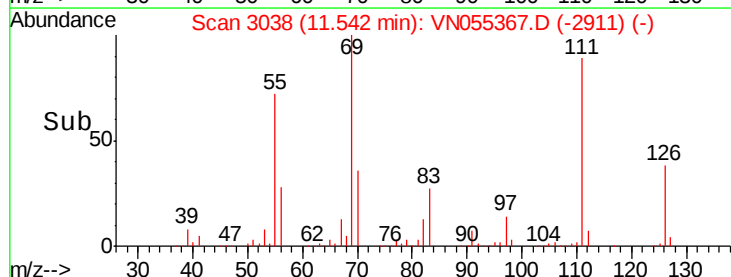
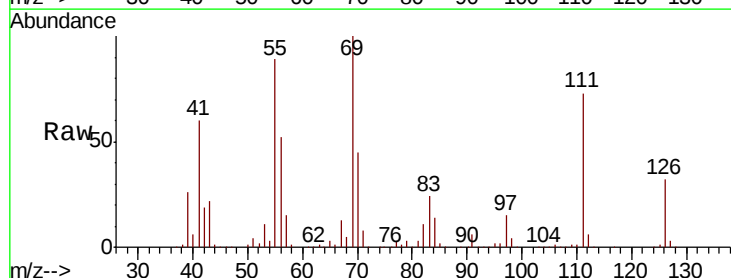
Acq: 2 May 2019 23:27

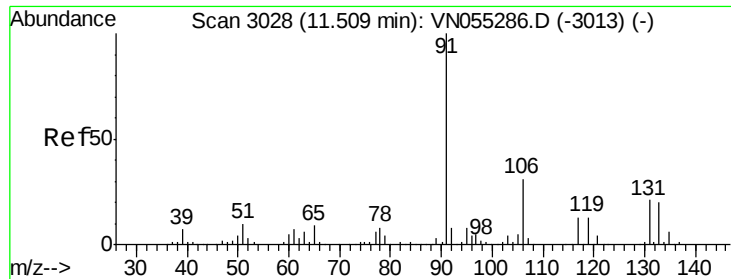
Tgt Ion:112 Resp: 23699

Ion Ratio Lower Upper

112 100

114 0.0 25.3 37.9#





#67

Ethyl Benzene

Concen: 11.160 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

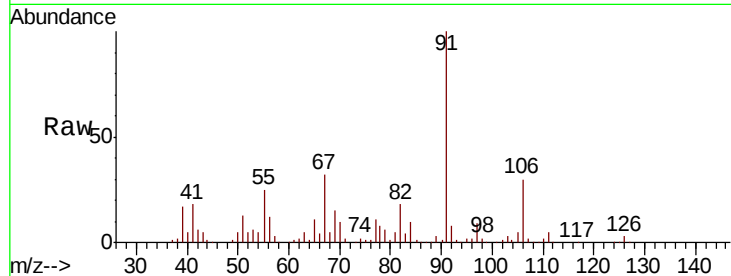
EP1-SB-E6(14-17)

Tot Ion: 91 Resp: 256568

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN055286.D (-3013) (-)

300000

250000

200000

150000

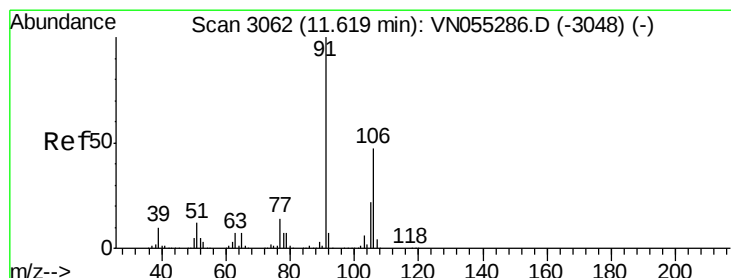
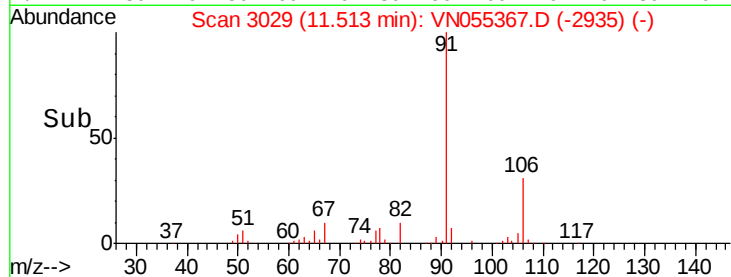
100000

50000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 30.484 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN055367.D

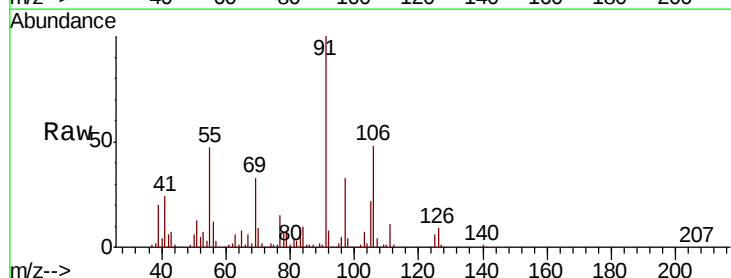
Acq: 2 May 2019 23:27

Tgt Ion: 106 Resp: 250144

Ion Ratio Lower Upper

106 100

91 212.8 169.5 254.3



Abundance Ion 106.00 (105.70 to 106.70): VN055286.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN055286.D (-3048) (-)

300000

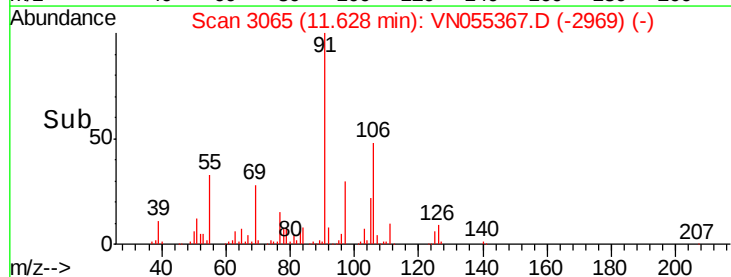
200000

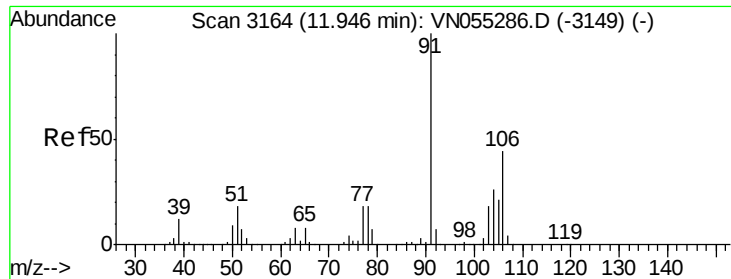
100000

0

11.60 11.63 11.66 11.69

Time-->

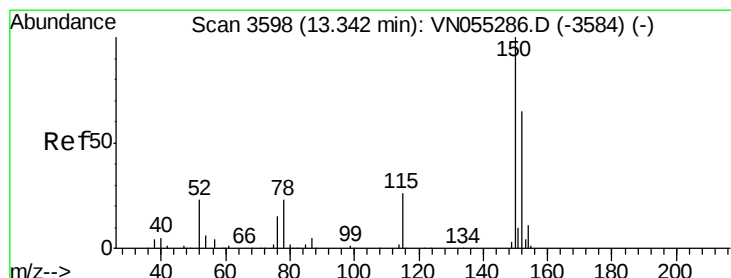
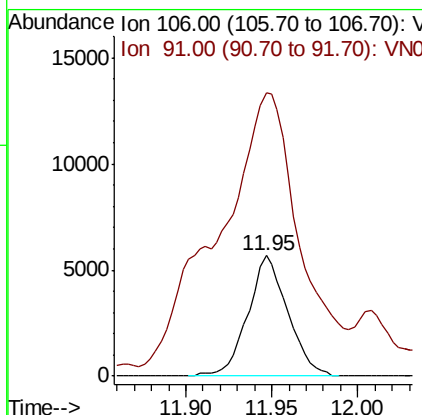
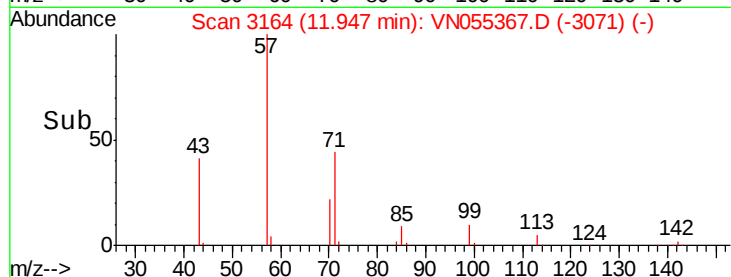
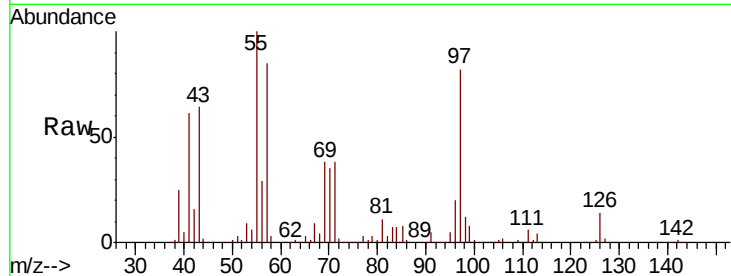




#69
o-Xylene
Concen: 1.124 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

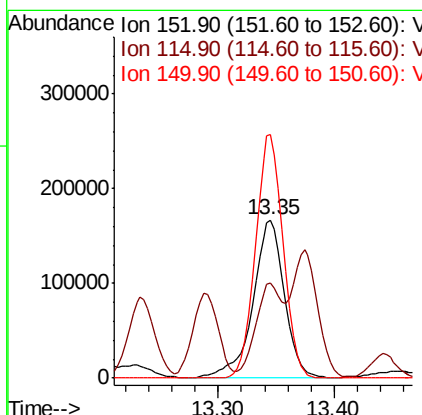
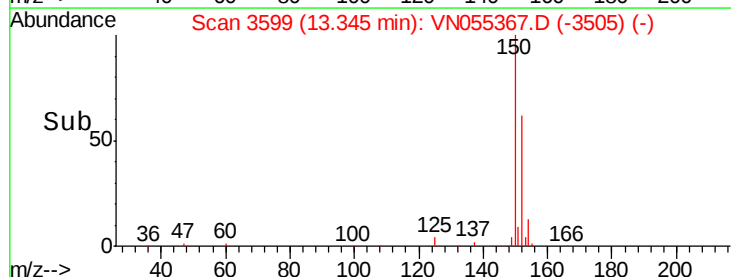
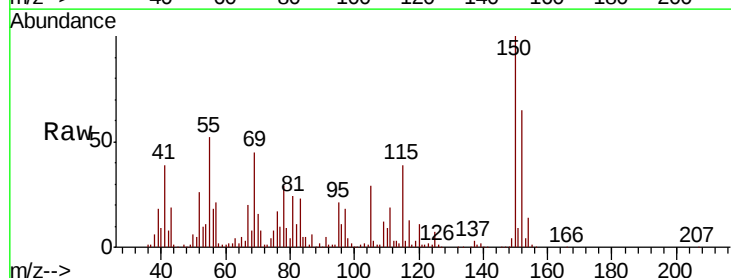
Instrument :
MSVOA_N
ClientSampled :
EP1-SB-E6(14-17)

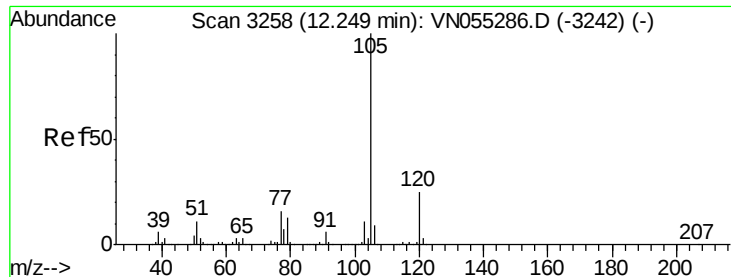
Tot Ion:106 Resp: 9139
Ion Ratio Lower Upper
106 100
91 453.1 111.5 334.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Tgt Ion:152 Resp: 312223
Ion Ratio Lower Upper
152 100
115 50.2 29.0 87.0
150 136.8 0.0 345.6





#73

Isopropylbenzene

Concen: 57.681 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

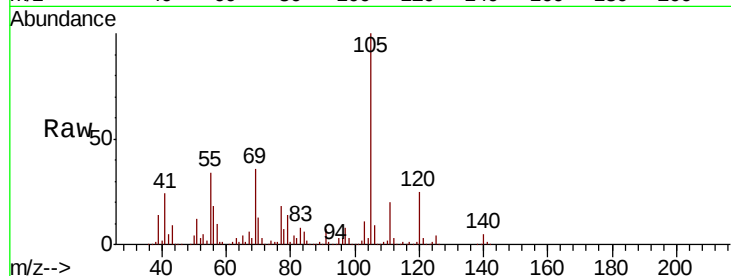
EP1-SB-E6(14-17)

Tot Ion:105 Resp: 1420934

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

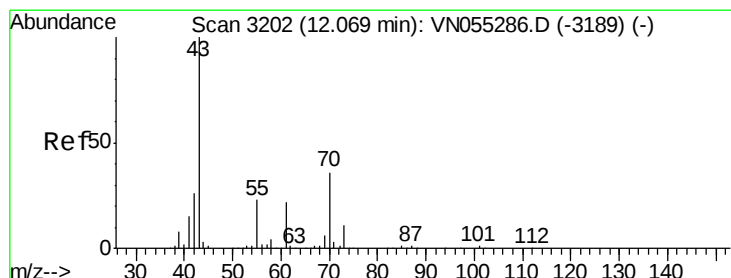
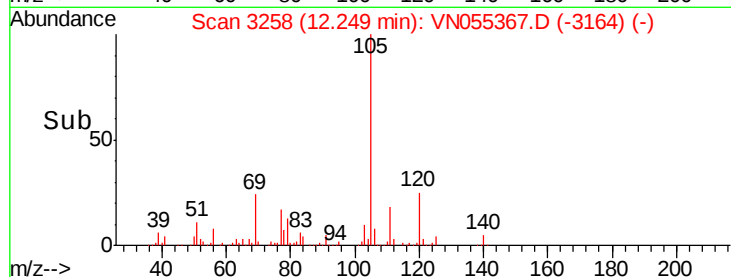
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 170.148 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Tgt Ion: 43 Resp: 1363371

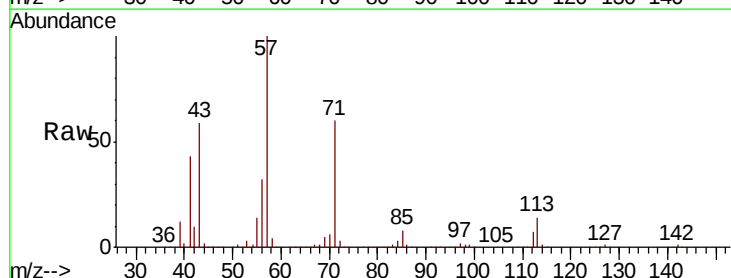
Ion Ratio Lower Upper

43 100

70 7.2 27.9 41.9#

55 8.1 18.2 27.2#

61 0.0 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

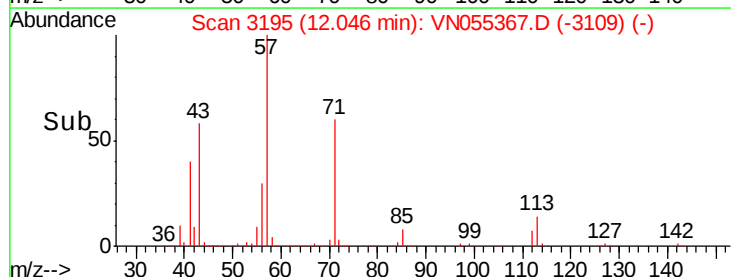
1500000

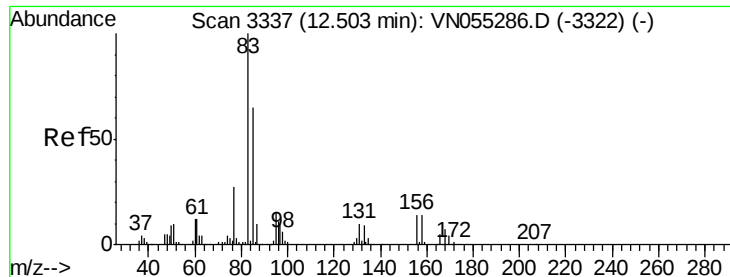
1000000

500000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.845 ug/l

RT: 12.47 min Scan# 3326

Delta R.T. -0.03 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

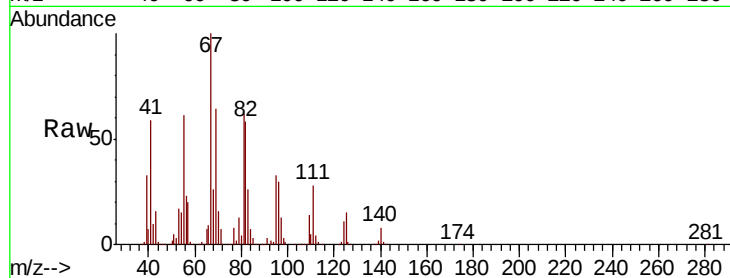
Tot Ion: 83 Resp: 123042

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

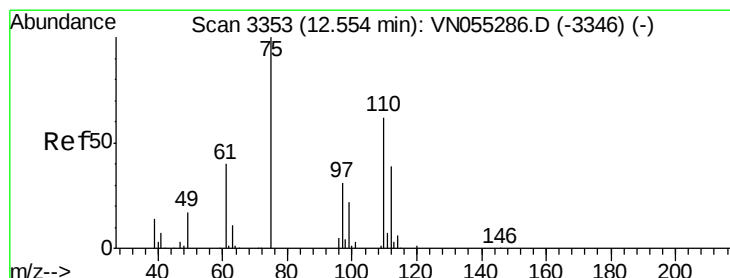
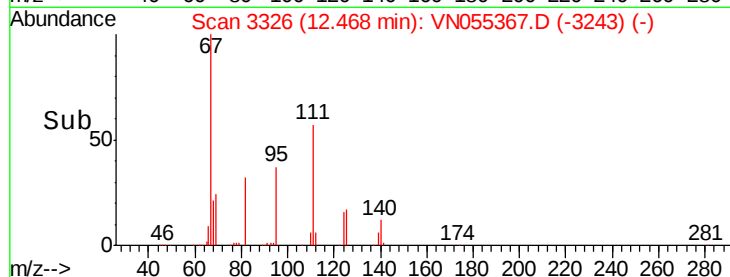
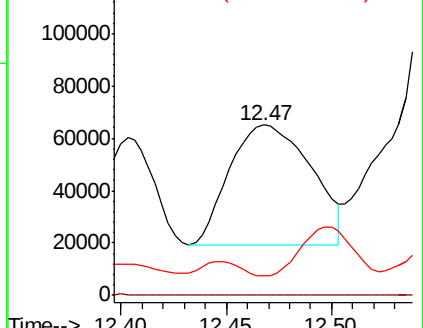
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN

Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 1.732 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN055367.D

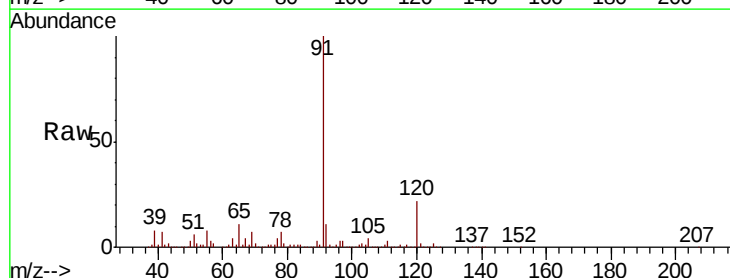
Acq: 2 May 2019 23:27

Tgt Ion: 75 Resp: 24159

Ion Ratio Lower Upper

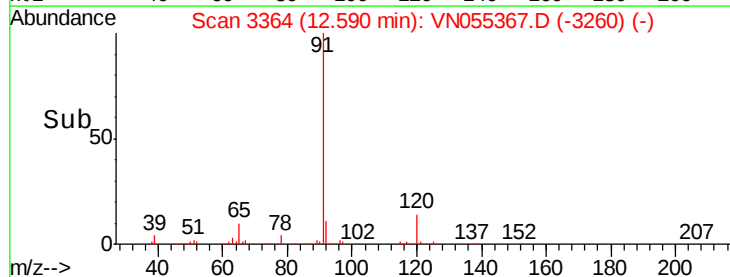
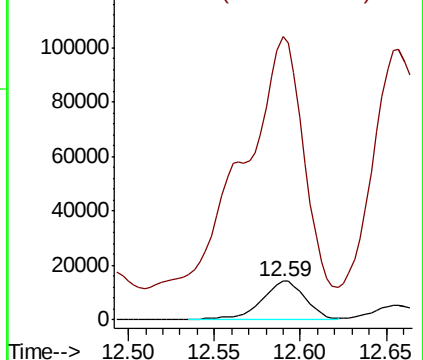
75 100

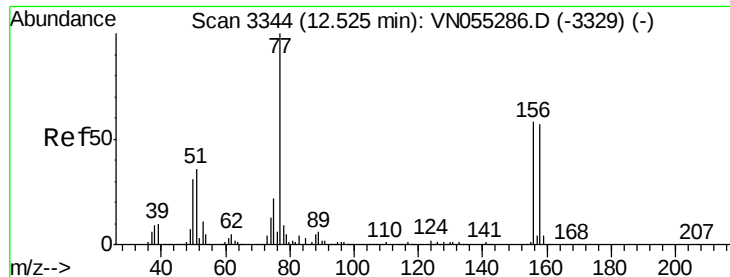
77 1029.2 0.0 0.0#



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: 12.54 min Scan# 3350

Delta R.T. 0.02 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

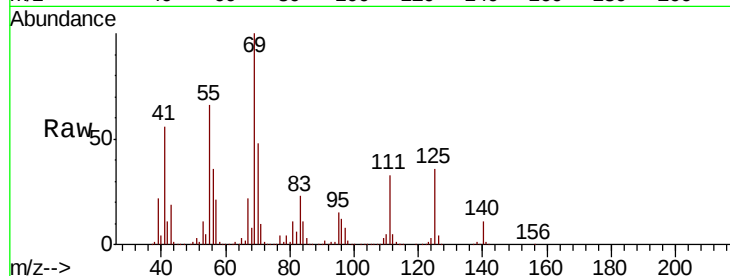
Tot Ion:156 Resp: 117

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

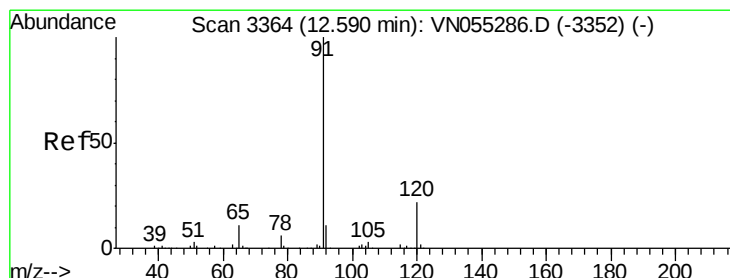
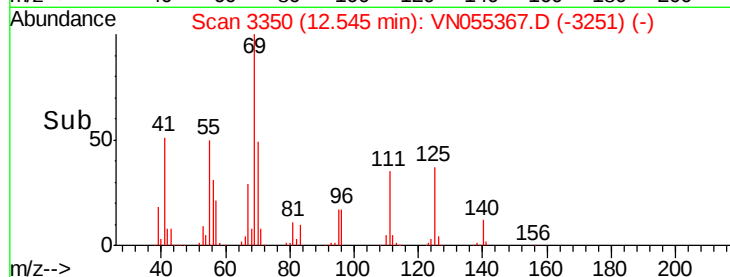
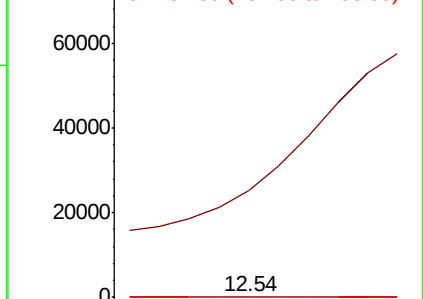
158 0.0 49.3 147.8#



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: 122.195 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055367.D

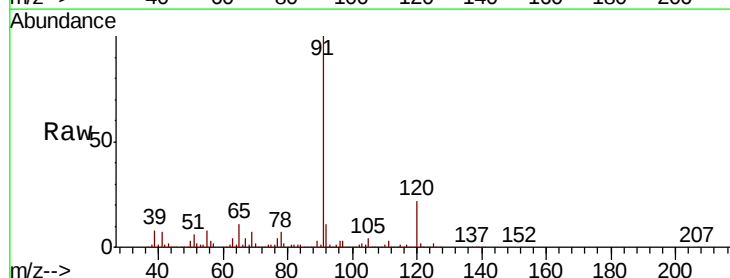
Acq: 2 May 2019 23:27

Tgt Ion: 91 Resp: 3919000

Ion Ratio Lower Upper

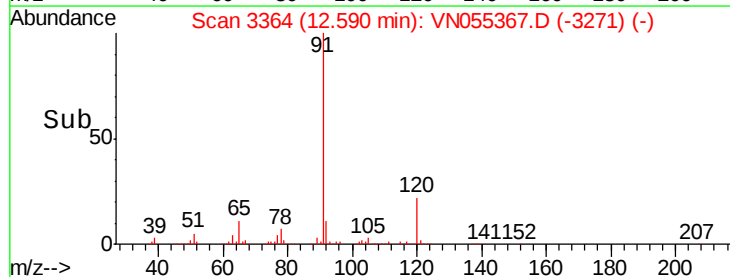
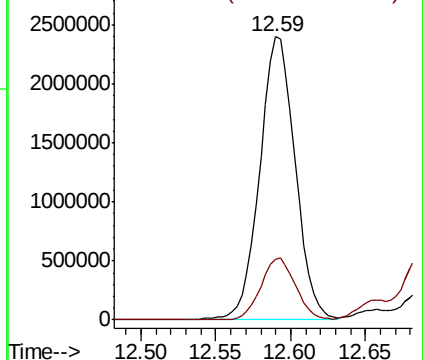
91 100

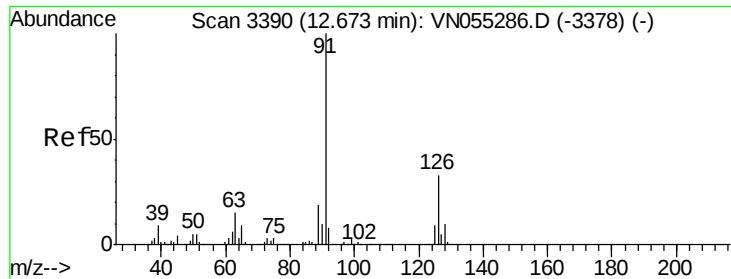
120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

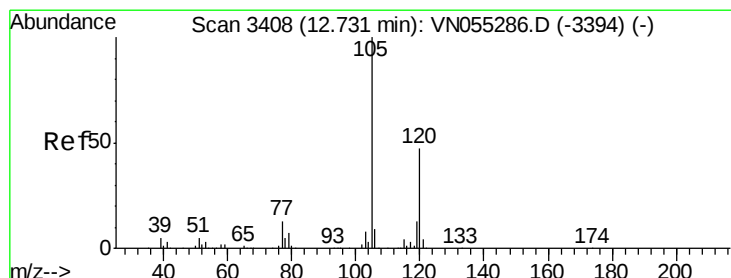
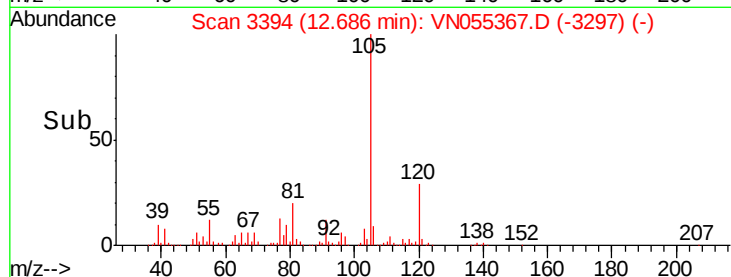
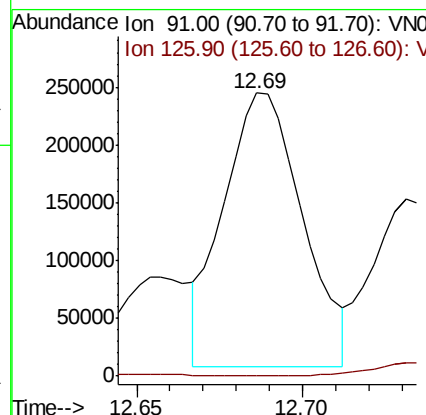
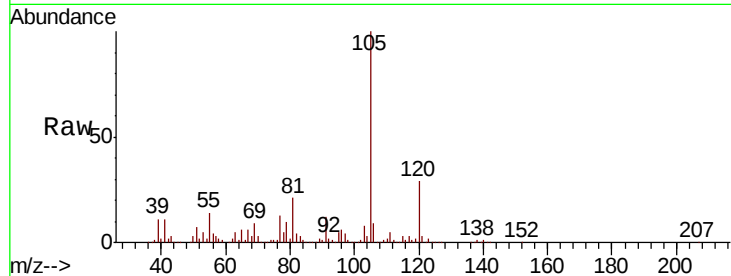




#79
 2-Chlorotoluene
 Concen: 21.662 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. 0.01 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

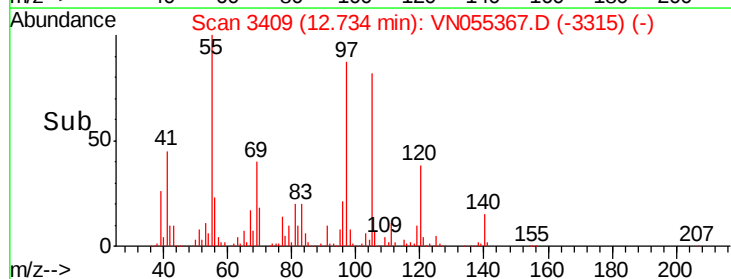
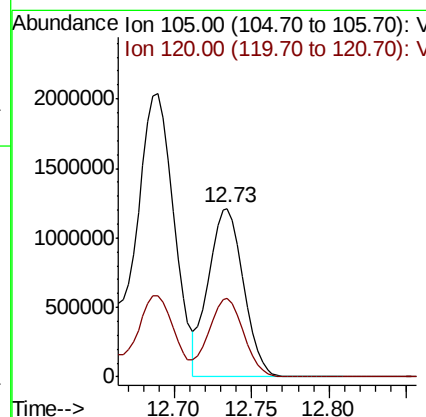
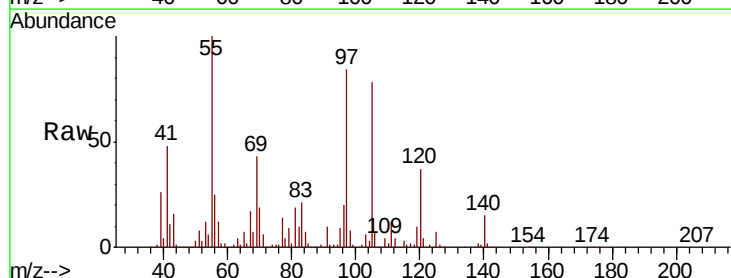
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)

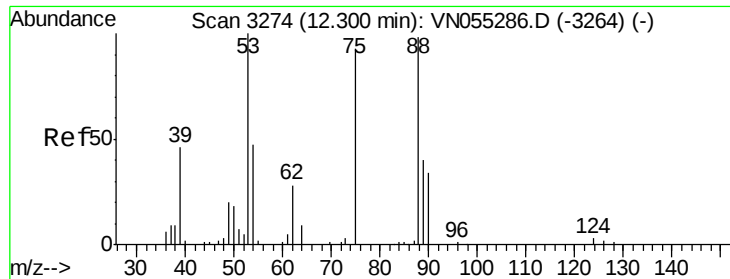
Tot Ion: 91 Resp: 392072
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 78.014 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Tgt Ion: 105 Resp: 1909575
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 10.350 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

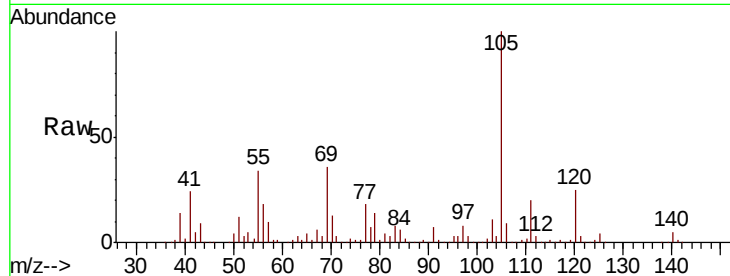
Tot Ion: 75 Resp: 17053

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

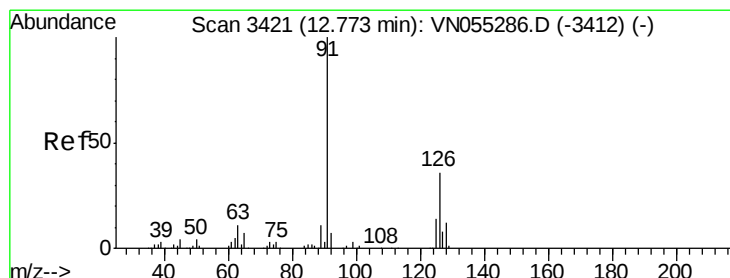
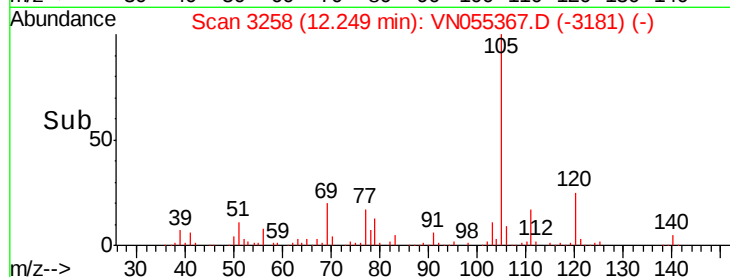
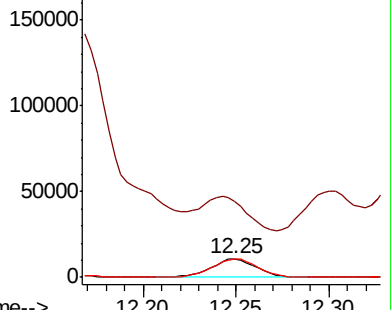
89 101.1 34.6 51.8#



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: 12.124 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055367.D

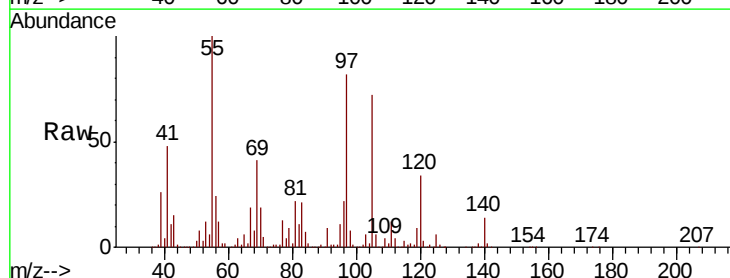
Acq: 2 May 2019 23:27

Tgt Ion: 91 Resp: 226089

Ion Ratio Lower Upper

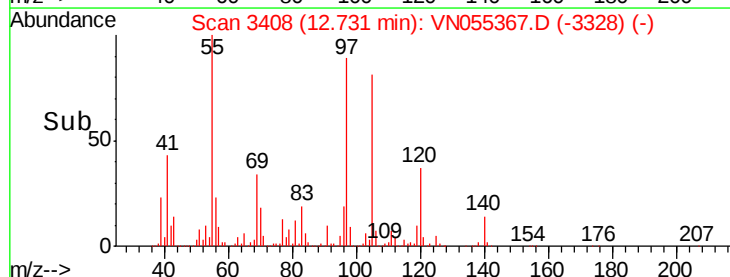
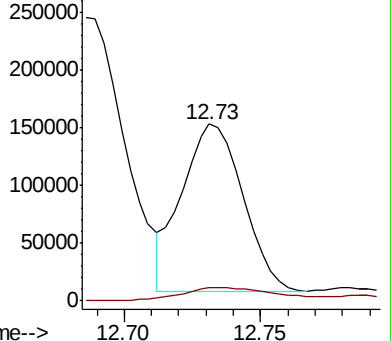
91 100

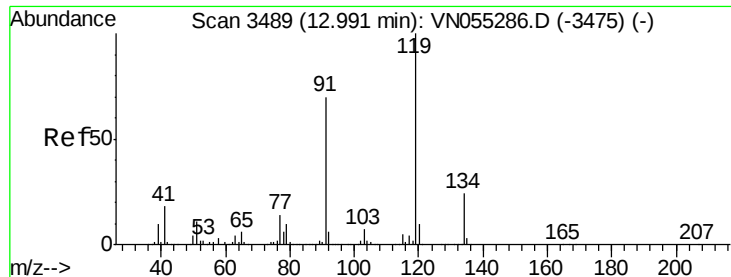
126 10.6 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

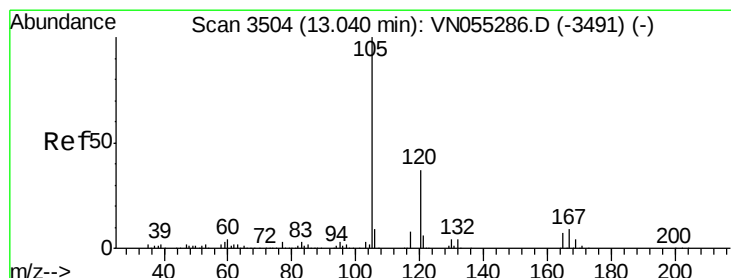
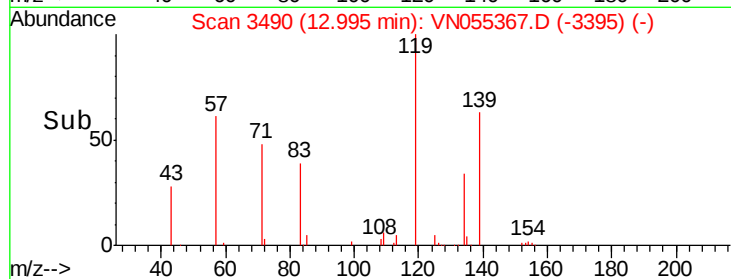
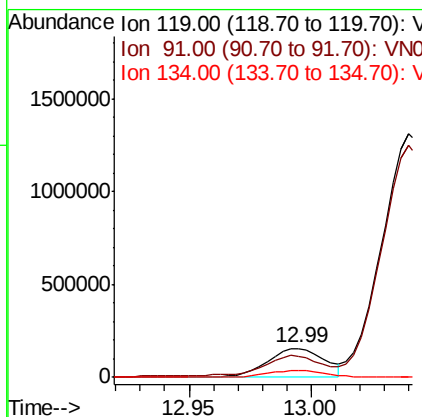
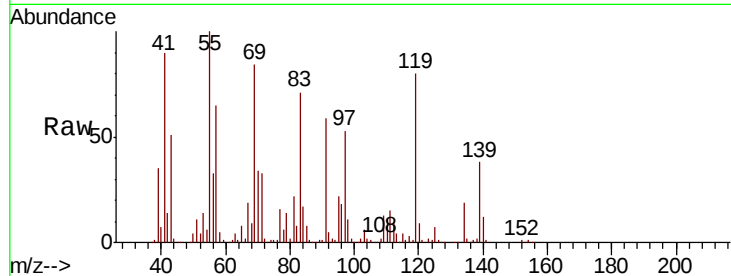




#83
 tert-Butylbenzene
 Concen: 12.335 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

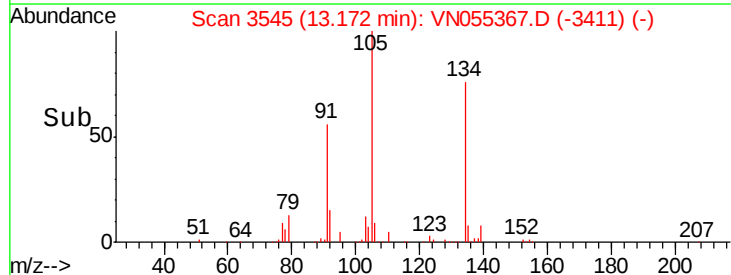
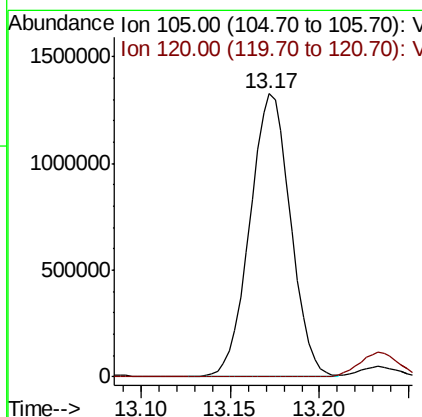
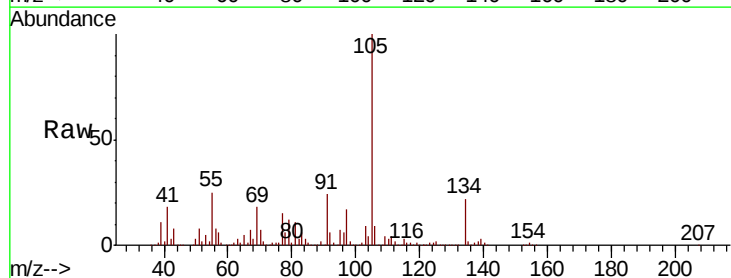
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-SB-E6(14-17)

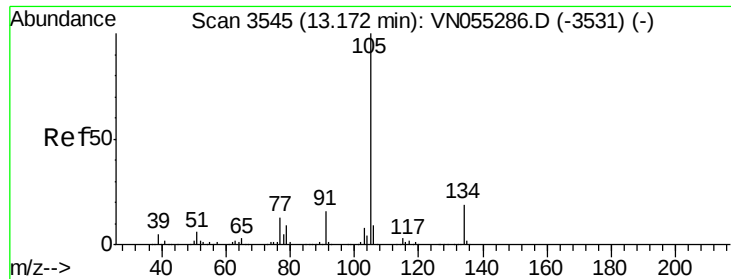
Tot Ion:119 Resp: 251695
 Ion Ratio Lower Upper
 119 100
 91 75.7 34.3 102.9
 134 24.0 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 96.344 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.13 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Tgt Ion:105 Resp: 2109093
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.1 66.5#





#85

sec-Butylbenzene

Concen: 79.276 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

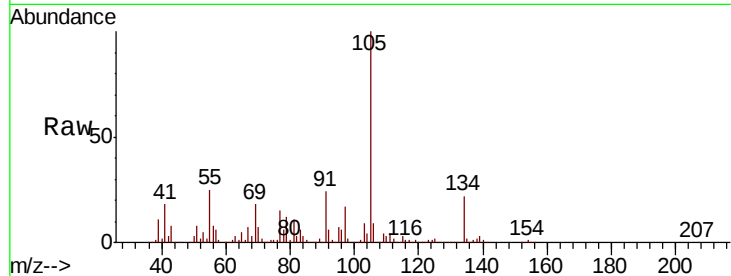
EP1-SB-E6(14-17)

Tot Ion:105 Resp: 2109093

Ion Ratio Lower Upper

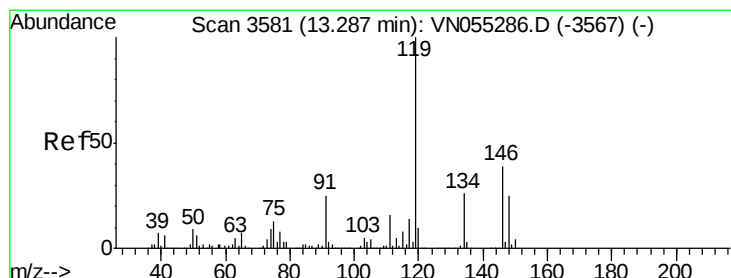
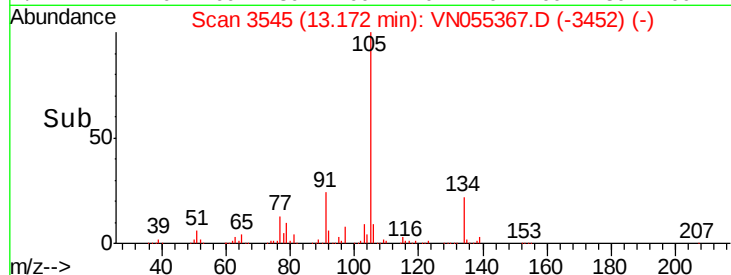
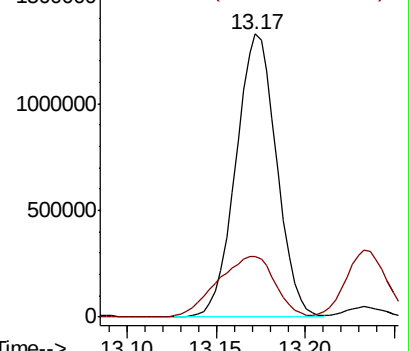
105 100

134 30.3 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 82.772 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

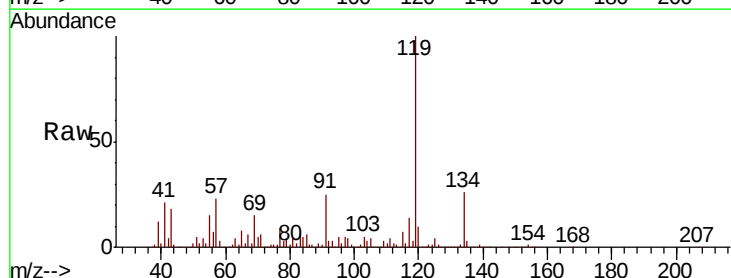
Tgt Ion:119 Resp: 1809942

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

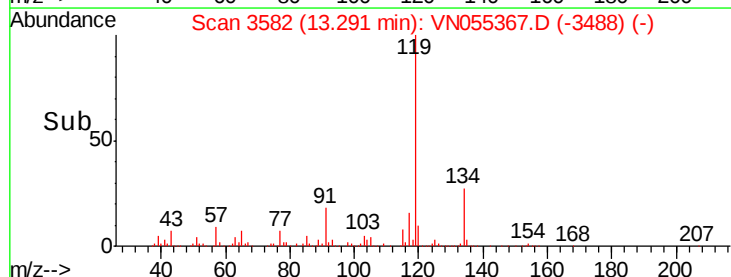
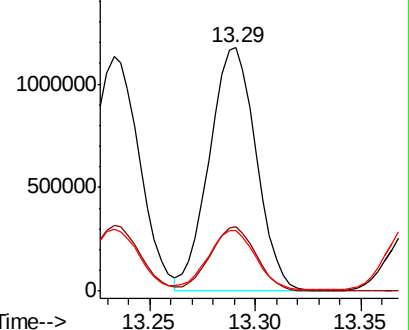
91 24.7 12.2 36.6

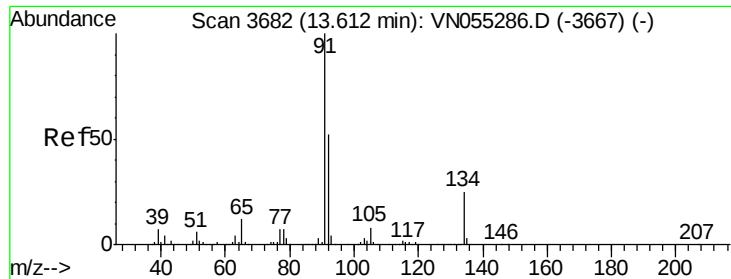


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 169.752 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

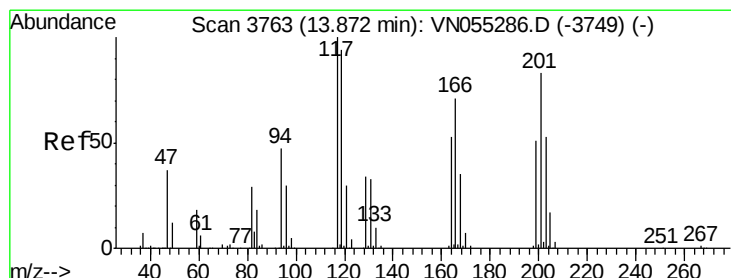
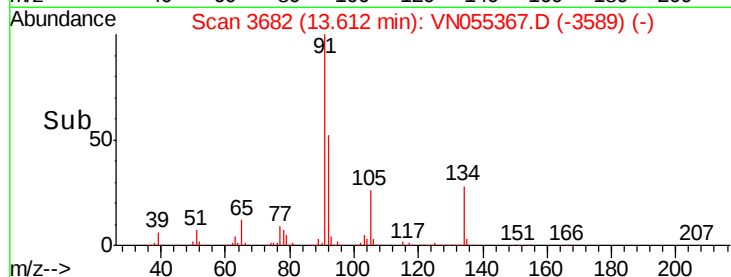
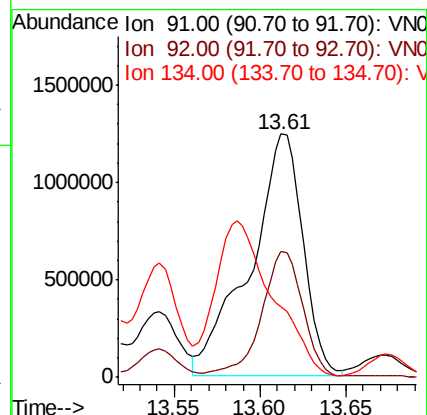
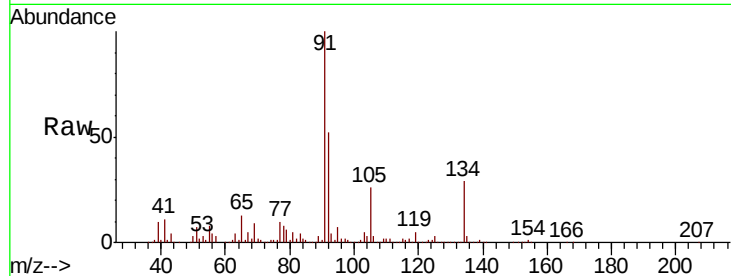
Tot Ion: 91 Resp: 2637617

Ion Ratio Lower Upper

91 100

92 40.5 26.1 78.3

134 0.0 12.4 37.4#



#90

Hexachloroethane

Concen: 90.654 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055367.D

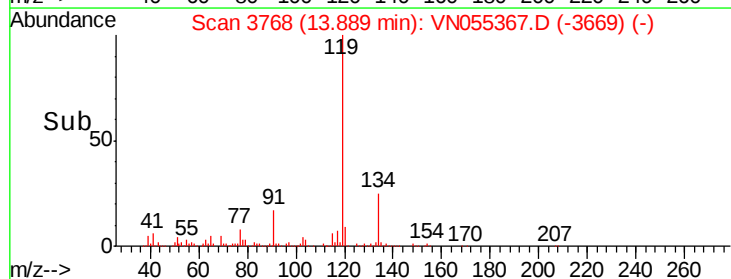
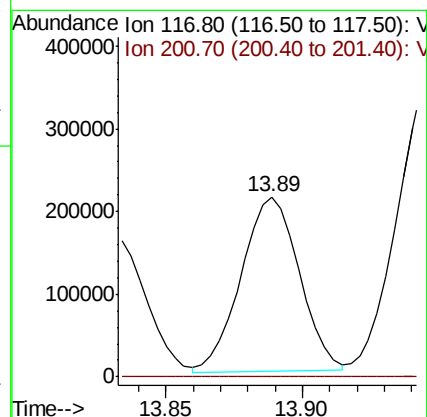
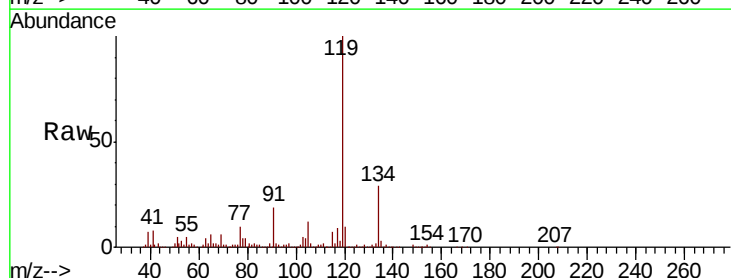
Acq: 2 May 2019 23:27

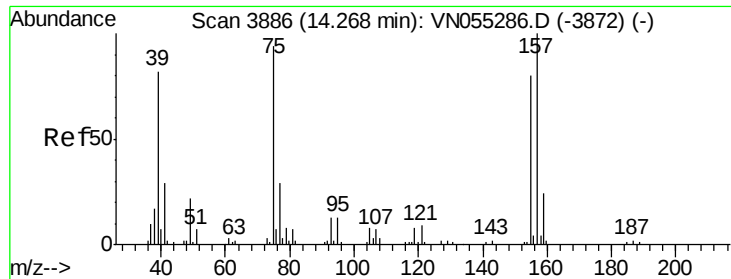
Tgt Ion: 117 Resp: 309434

Ion Ratio Lower Upper

117 100

201 0.0 41.9 125.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 21.007 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

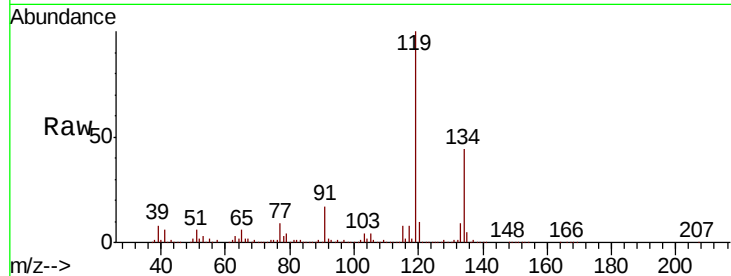
Tot Ion: 75 Resp: 17255

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

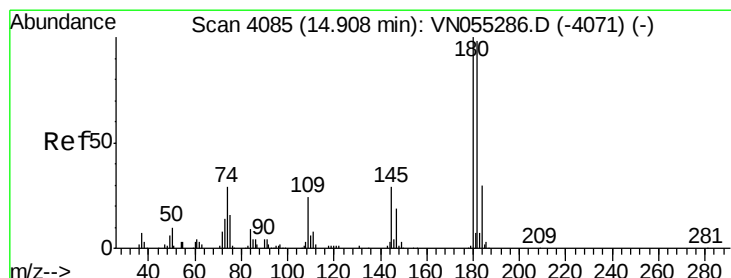
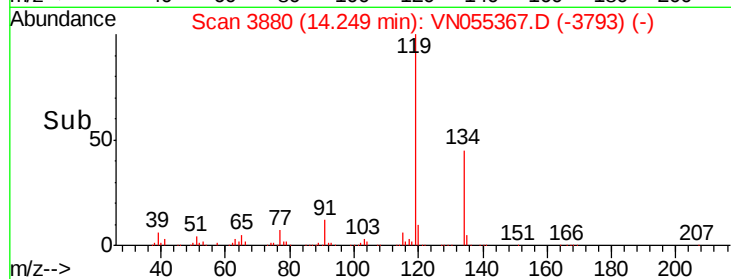
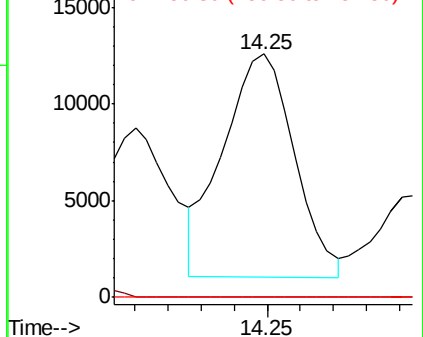
157 0.0 54.0 162.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.533 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

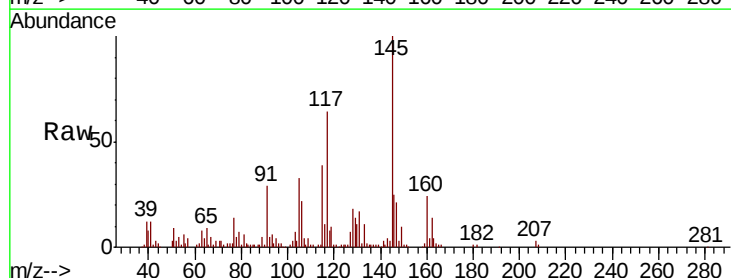
Tgt Ion:180 Resp: 972

Ion Ratio Lower Upper

180 100

182 64.1 48.3 144.9

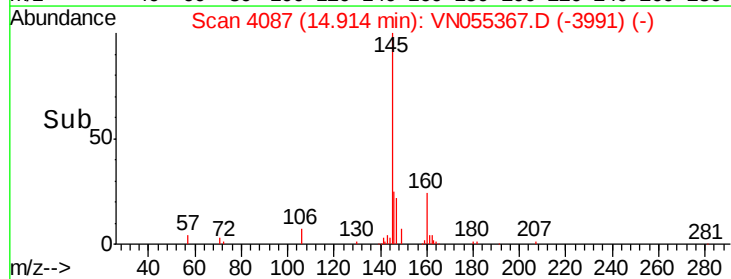
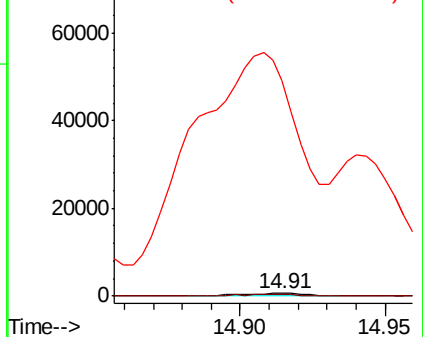
145 12477.5 14.2 42.6#

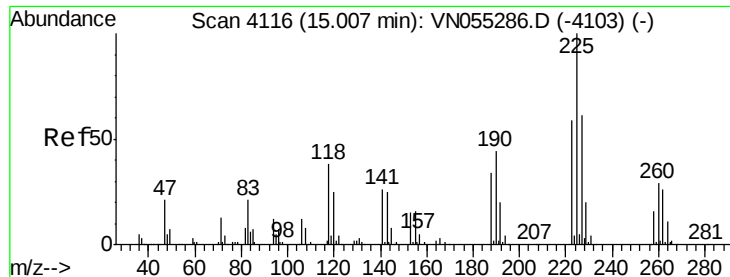


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

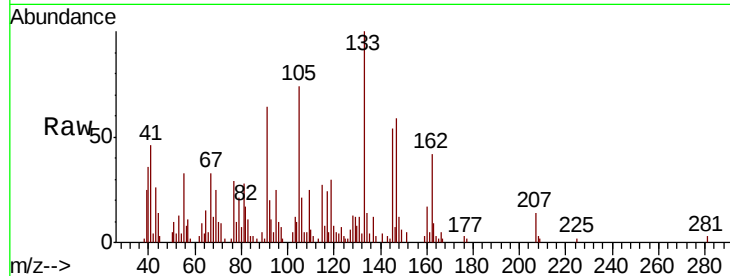
Tot Ion:225 Resp: 62

Ion Ratio Lower Upper

225 100

223 0.0 30.3 90.8#

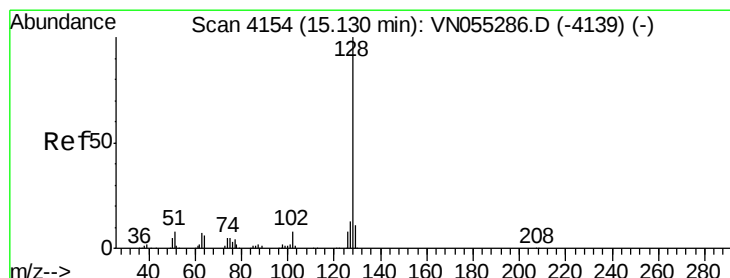
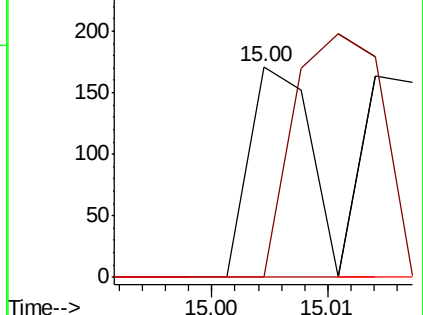
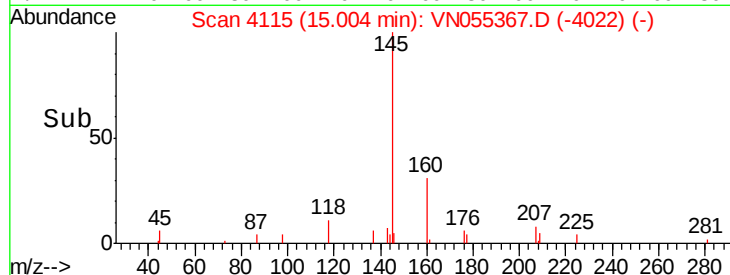
227 0.0 30.9 92.7#



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



#95

Naphthalene

Concen: 14.765 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

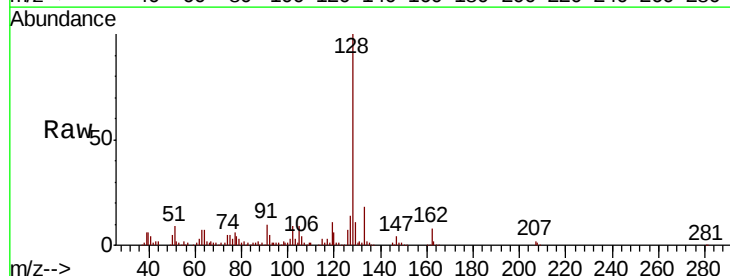
Tgt Ion:128 Resp: 106333

Ion Ratio Lower Upper

128 100

127 14.3 10.7 16.1

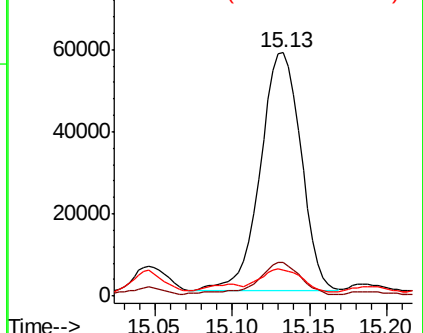
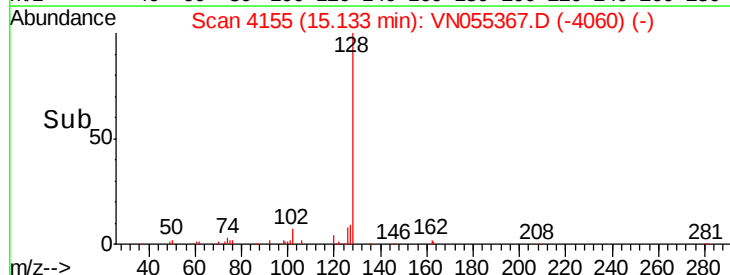
129 9.2 8.6 13.0

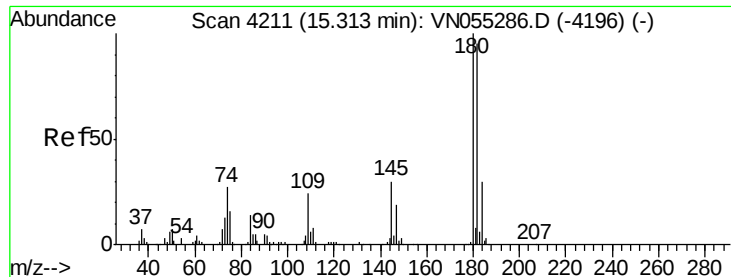


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.712 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)

Tot Ion:180 Resp: 421
 Ion Ratio Lower Upper
 180 100
 182 140.4 48.3 144.9
 145 2720.0 15.2 45.6#

