

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031919\
 Data File : VN054442.D
 Acq On : 19 Mar 2019 15:53
 Operator : JC/SP
 Sample : K1970-04ME
 Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTERME

Quant Time: Mar 19 16:15:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1915119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2717778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2395292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1215354	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	802153	39.44	ug/l	0.00
Spiked Amount			Recovery	=	78.88%	
35) Dibromofluoromethane	7.59	113	762594	43.51	ug/l	0.00
Spiked Amount			Recovery	=	87.02%	
50) Toluene-d8	10.09	98	3242736	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	1040249	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	66	1.499	ug/l #	45
11) Tert butyl alcohol	4.76	59	317	0.227	ug/l #	70
18) Methyl Acetate	4.33	43	4639	0.394	ug/l	97
31) Cyclohexane	7.66	56	31951	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	109615	4.380	ug/l #	49
38) Carbon Tetrachloride	7.66	117	150678	5.741	ug/l #	17
39) Methylcyclohexane	9.08	83	51819	1.683	ug/l	98
49) 1,4-Dioxane	9.02	88	86	0.475	ug/l #	27
51) 4-Methyl-2-Pentanone	10.09	43	19249	1.441	ug/l #	1
53) t-1,3-Dichloropropene	10.37	75	335	1.998	ug/l #	42
55) 1,1,2-Trichloroethane	10.53	97	68613	4.138	ug/l #	20
56) Ethyl methacrylate	10.43	69	22391	1.132	ug/l #	37
58) 2-Chloroethyl Vinyl ether	9.68	63	77	16.836	ug/l #	1
59) 2-Hexanone	10.71	43	99712	11.218	ug/l #	30
67) Ethyl Benzene	11.51	91	27854	0.319	ug/l	93
71) Bromoform	12.17	173	27956	4.180	ug/l #	41
73) Isopropylbenzene	12.25	105	218004	2.242	ug/l	99
74) N-amyl acetate	12.04	43	236527	10.959	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.46	83	49514	2.390	ug/l #	58
76) 1,2,3-Trichloropropane	12.54	75	17778	0.995	ug/l #	100
77) Bromobenzene	12.54	156	2464405	95.779	ug/l #	1
78) n-propylbenzene	12.59	91	419601	3.977	ug/l	98
79) 2-Chlorotoluene	12.72	91	17849	0.281	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.89	105	18387	0.227	ug/l	74
81) trans-1,4-Dichloro-2-buten	12.40	75	460884	88.153	ug/l #	12
82) 4-Chlorotoluene	12.72	91	17849	0.282	ug/l #	1
83) tert-Butylbenzene	12.99	119	39033	0.524	ug/l	91
84) 1,2,4-Trimethylbenzene	13.17	105	988796	12.462	ug/l #	30
85) sec-Butylbenzene	13.17	105	988796	10.242	ug/l	89
86) p-Isopropyltoluene	13.44	119	270201	3.190	ug/l	95
89) n-Butylbenzene	13.61	91	816991	12.695	ug/l #	78
90) Hexachloroethane	13.89	117	482085	34.374	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.29	75	21959	6.850	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1421	2.569	ug/l #	1

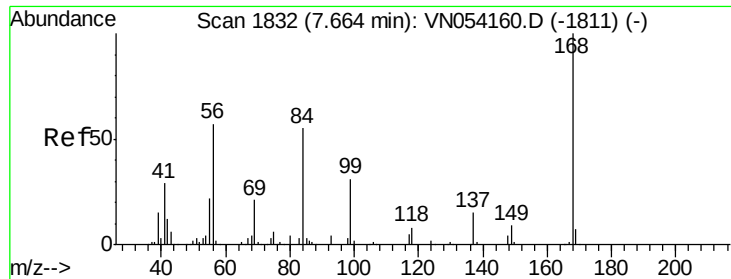
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031919\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	115619	5.488	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.34	180	9961	0.442	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

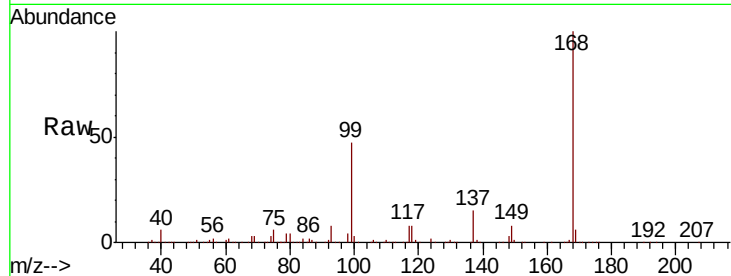
P-4-E.WALL-S.CENTERME

Tgt Ion:168 Resp: 1915119

Ion Ratio Lower Upper

168 100

99 46.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

800000

600000

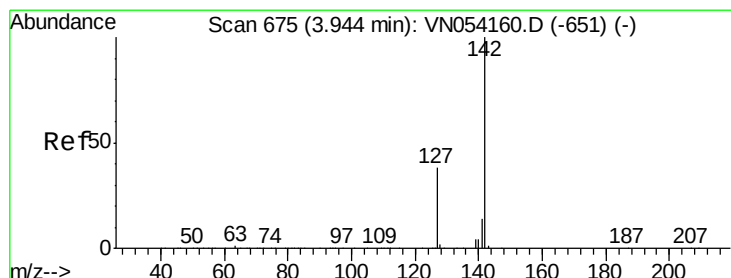
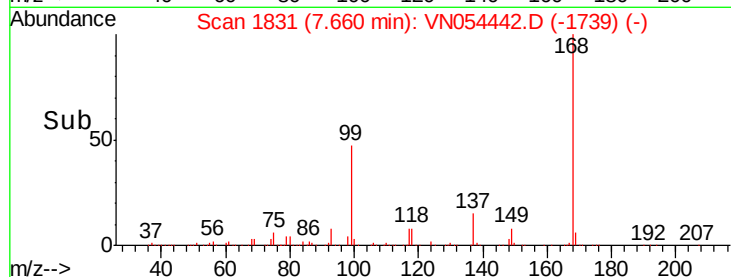
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#10

Methyl Iodide

Concen: 1.499 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

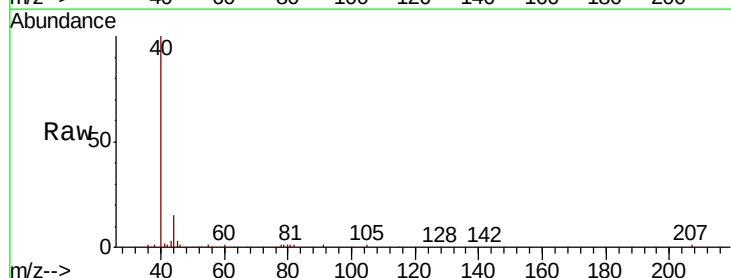
Tgt Ion:142 Resp: 66

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

250

200

150

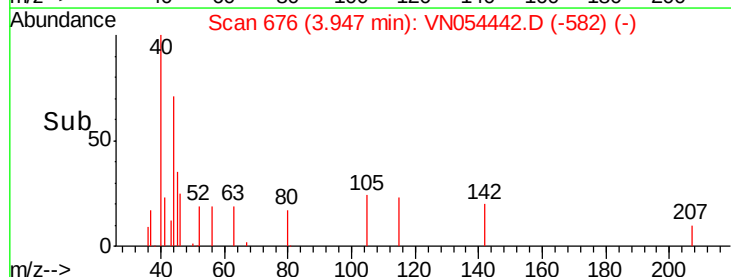
100

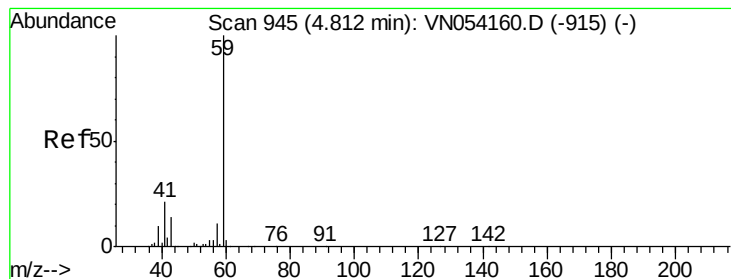
50

0

3.94 3.94 3.95 3.96 3.96

Time-->



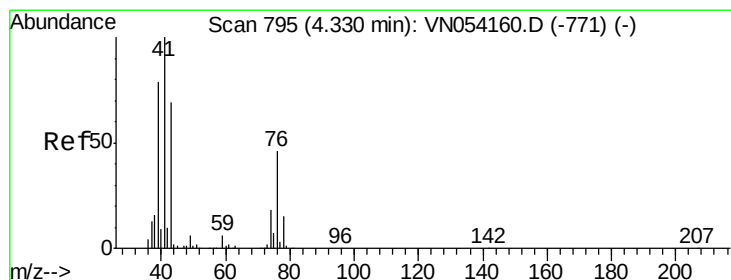
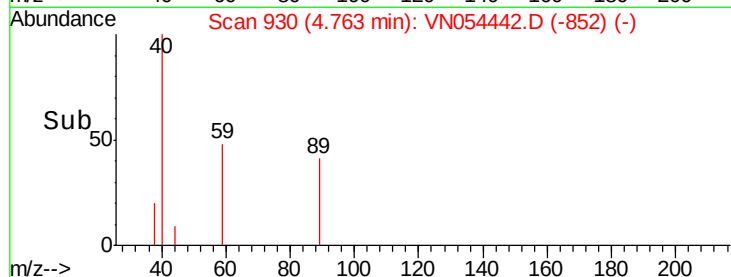
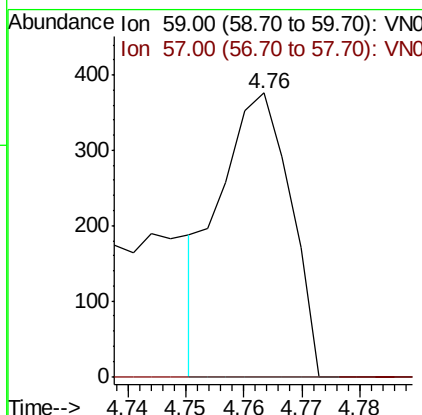
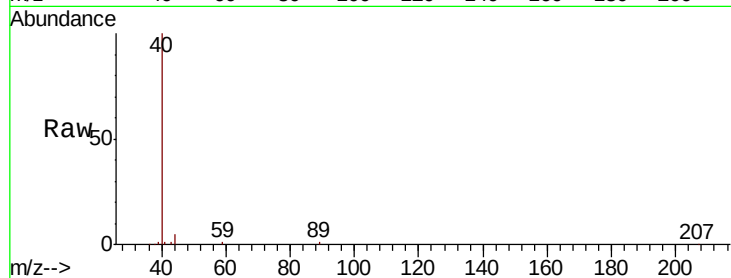


#11

Tert butyl alcohol
 Concen: 0.227 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.05 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTERME

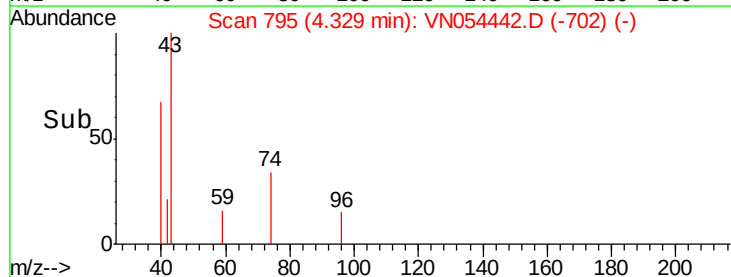
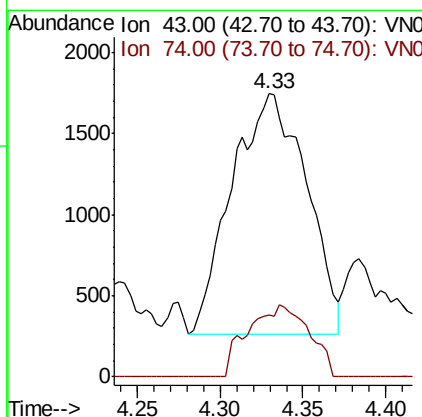
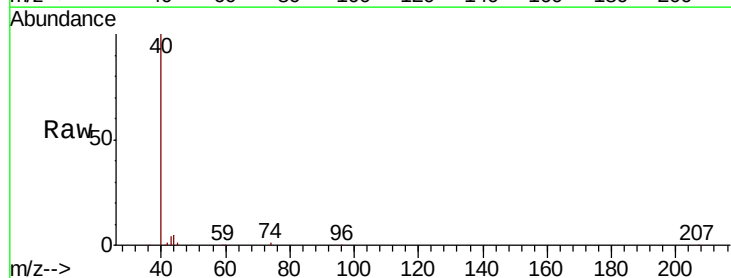
Tgt Ion: 59 Resp: 317
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

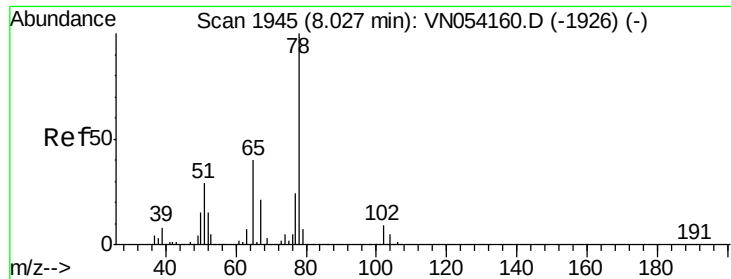


#18

Methyl Acetate
 Concen: 0.394 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

Tgt Ion: 43 Resp: 4639
 Ion Ratio Lower Upper
 43 100
 74 24.6 20.8 31.2

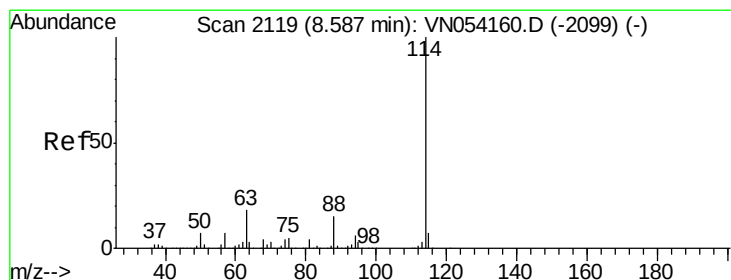
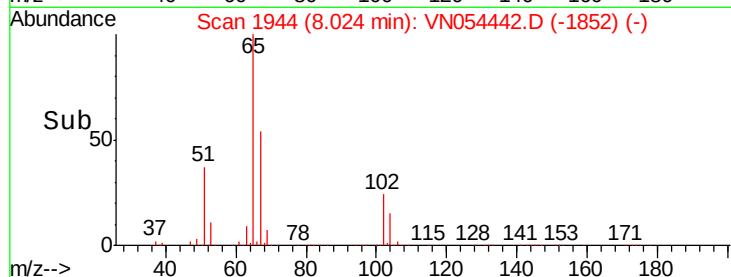
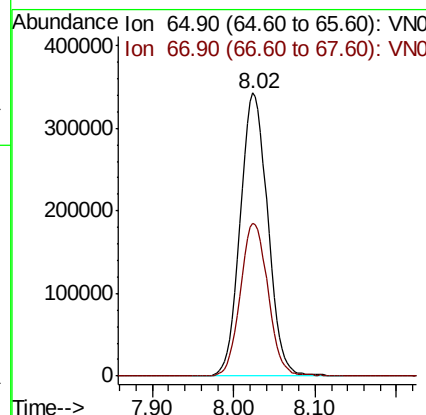
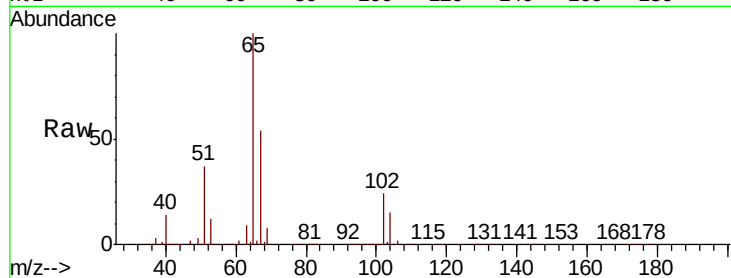




#33
 1,2-Dichloroethane-d4
 Concen: 39.440 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

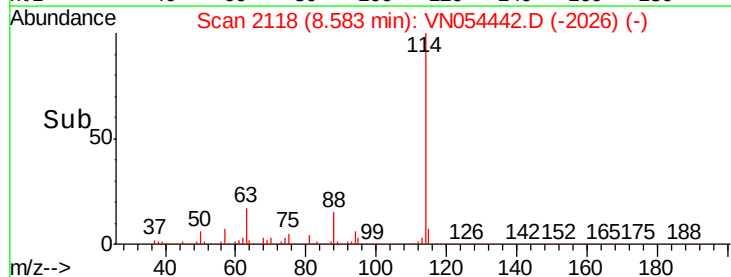
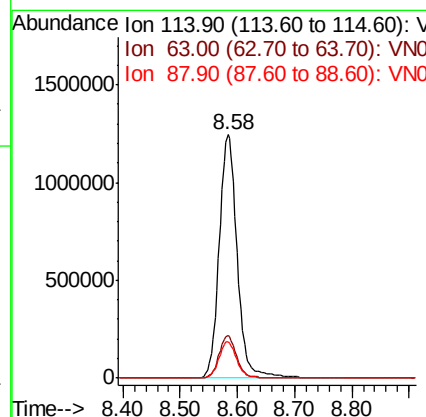
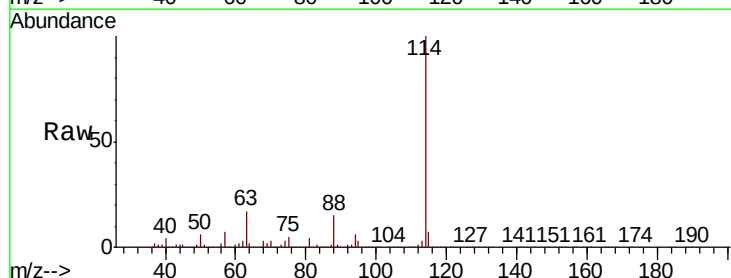
Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTERME

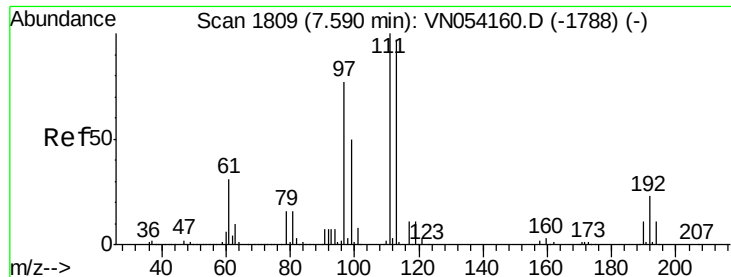
Tgt Ion: 65 Resp: 802153
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

Tgt Ion: 114 Resp: 2717778
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 43.506 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :
MSVOA_N
ClientSampleId :
P-4-E.WALL-S.CENTERME

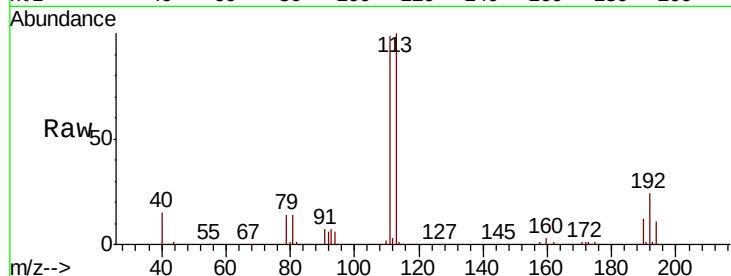
Tgt Ion: 113 Resp: 762594

Ion Ratio Lower Upper

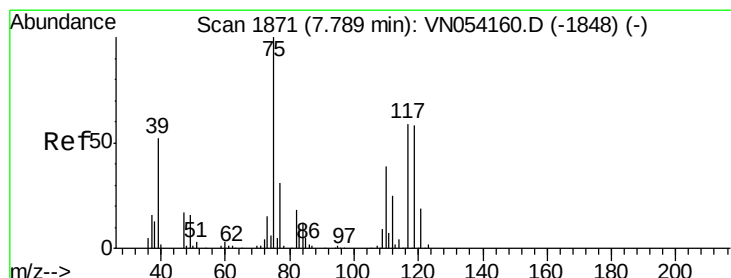
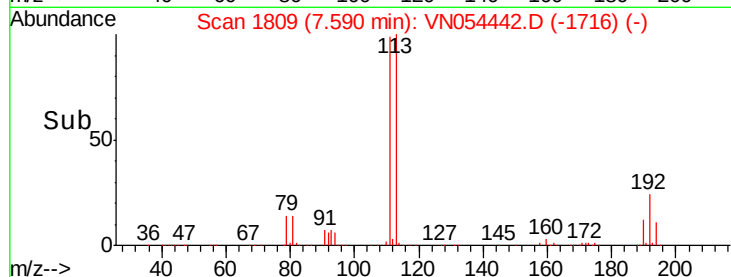
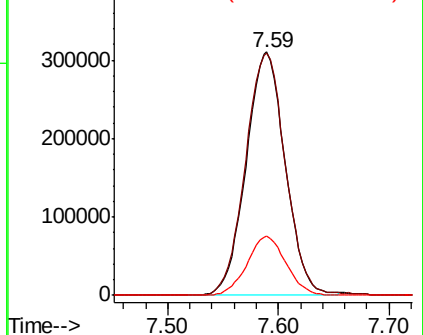
113 100

111 101.6 82.2 123.4

192 24.1 19.2 28.8



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: 4.380 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

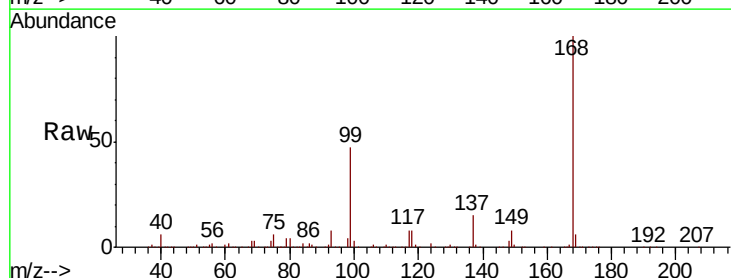
Tgt Ion: 75 Resp: 109615

Ion Ratio Lower Upper

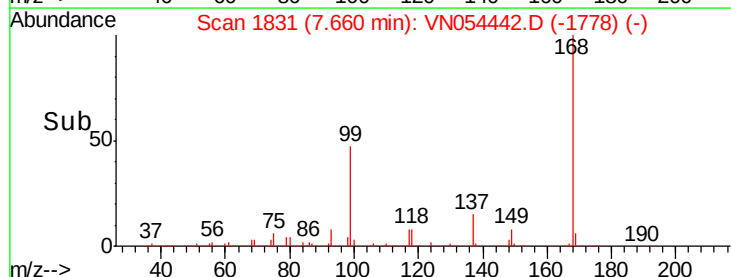
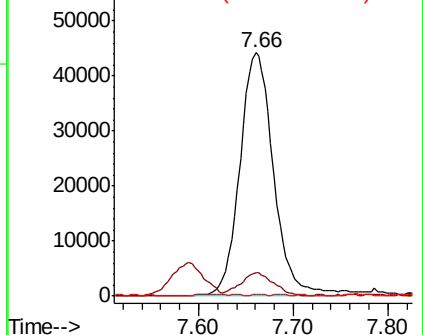
75 100

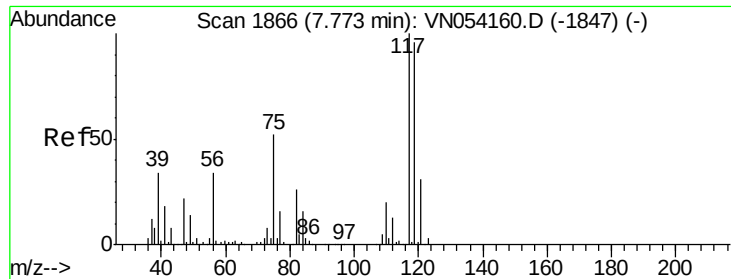
110 9.6 19.1 57.5#

77 0.3 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

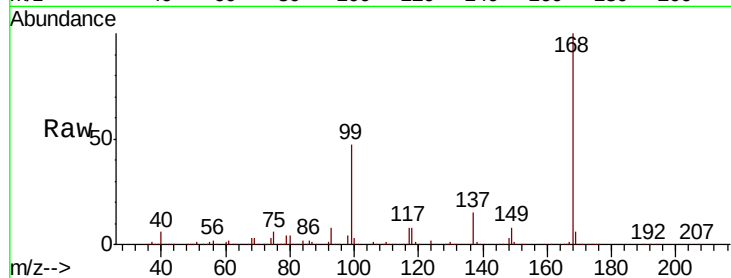




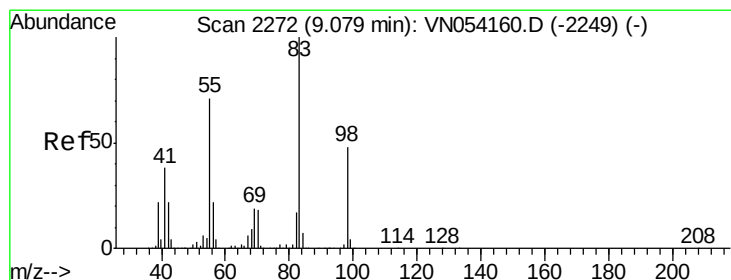
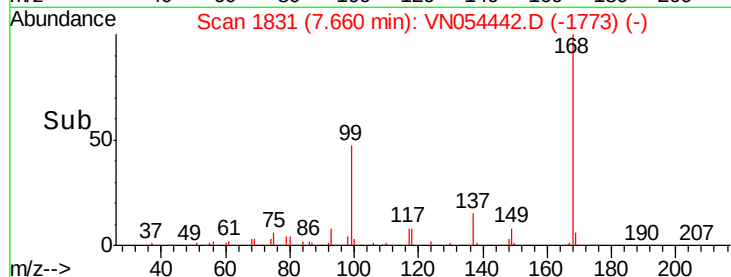
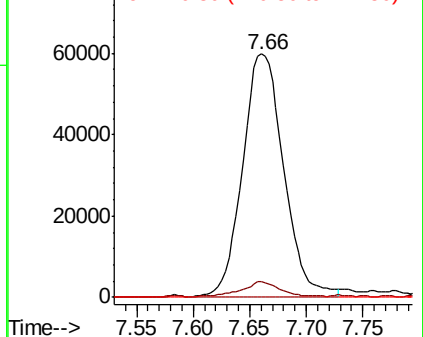
#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN054442.D
Acq: 19 Mar 2019 15:53

Instrument :
MSVOA_N
ClientSampleId :
P-4-E.WALL-S.CENTERME

Tgt Ion: 117 Resp: 150678
Ion Ratio Lower Upper
117 100
119 6.4 76.3 114.5#
121 0.0 24.6 36.8#

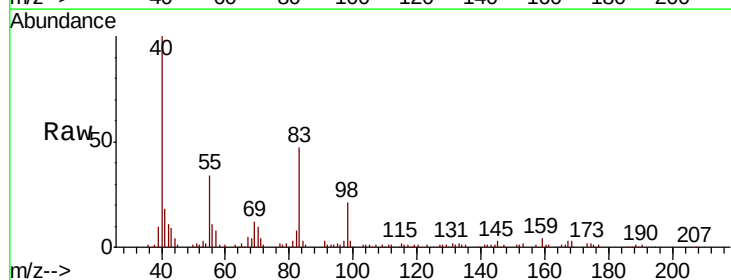


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

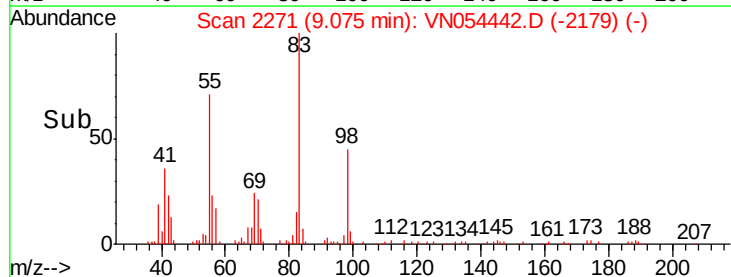
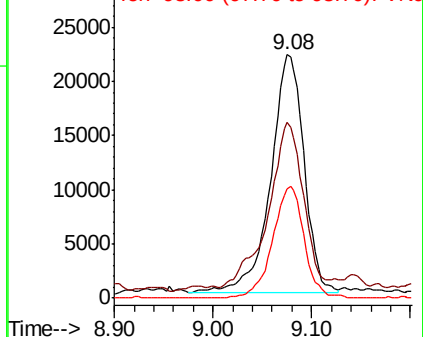


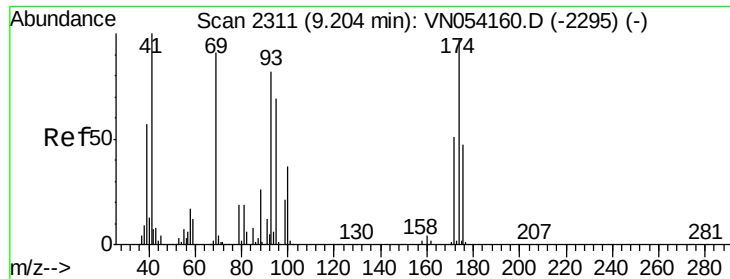
#39
Methylcyclohexane
Concen: 1.683 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054442.D
Acq: 19 Mar 2019 15:53

Tgt Ion: 83 Resp: 51819
Ion Ratio Lower Upper
83 100
55 69.4 56.6 84.8
98 45.8 38.4 57.6



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

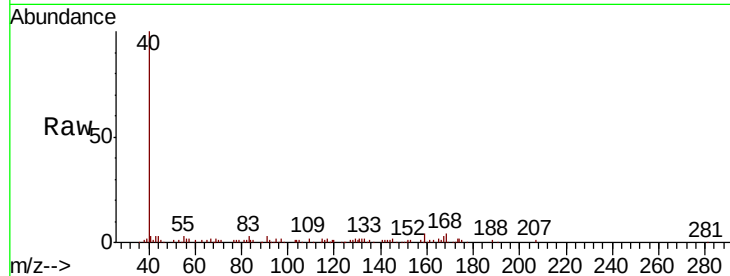




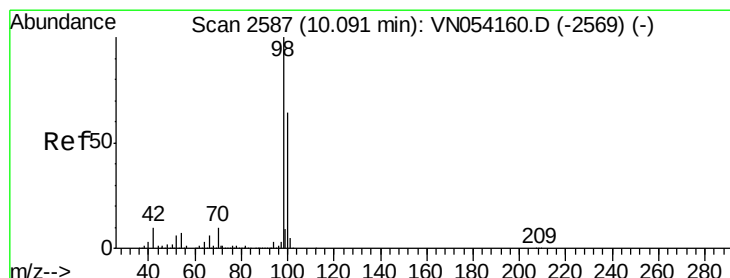
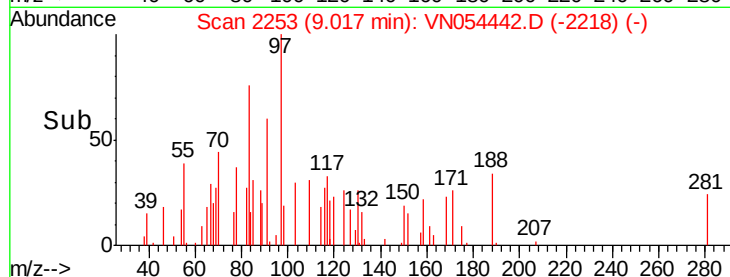
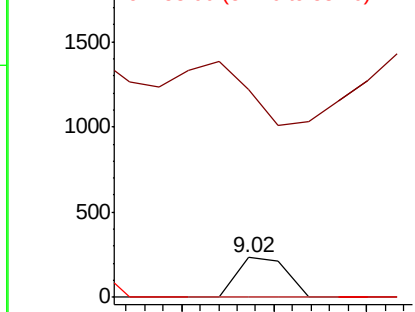
#49
1,4-Dioxane
Concen: 0.475 ug/l
RT: 9.02 min Scan# 2253
Delta R.T. -0.19 min
Lab File: VN054442.D
Acq: 19 Mar 2019 15:53

Instrument :
MSVOA_N
ClientSampleId :
P-4-E.WALL-S.CENTERME

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 0.0 50.8 76.2#

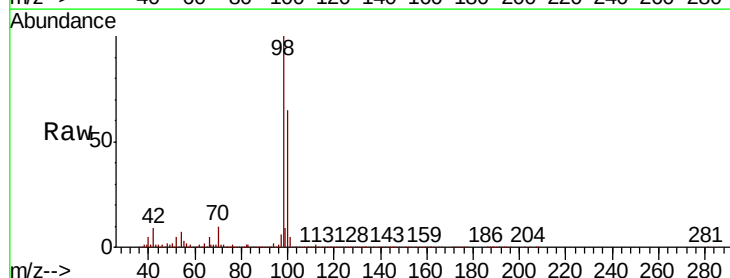


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

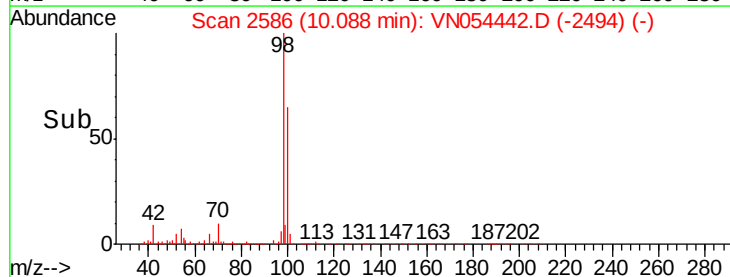
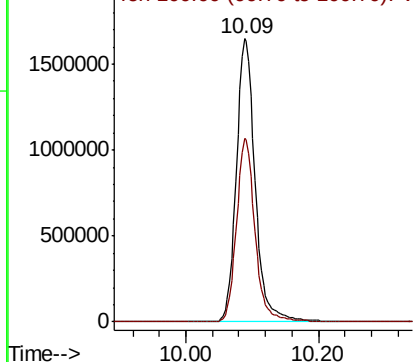


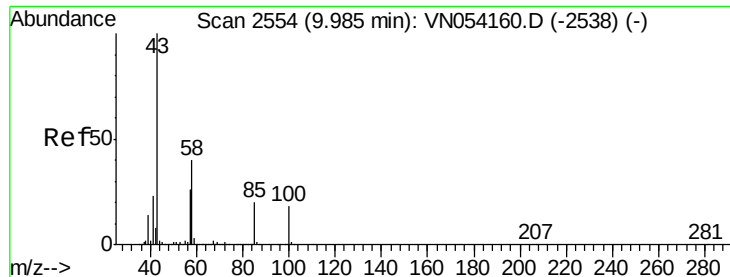
#50
Toluene-d8
Concen: 50.092 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054442.D
Acq: 19 Mar 2019 15:53

Tgt Ion: 98 Resp: 3242736
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



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: 1.441 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

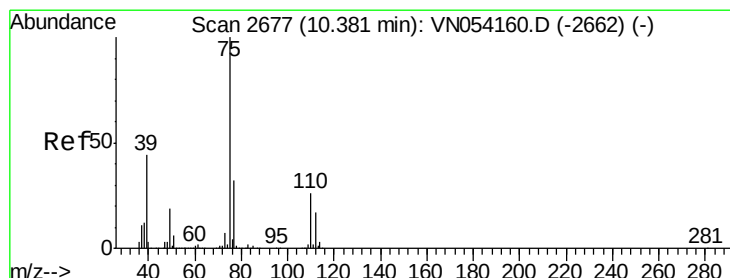
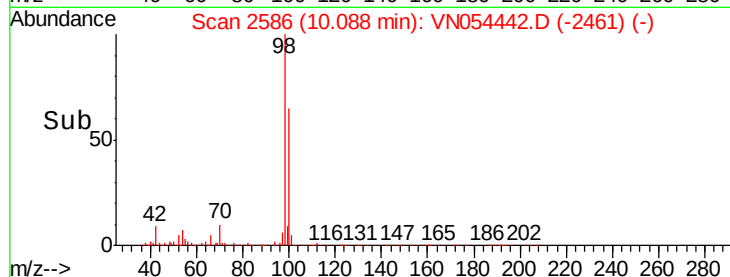
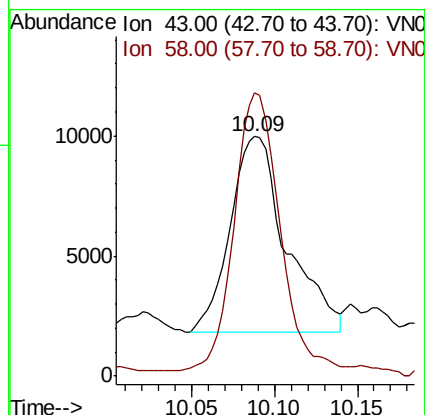
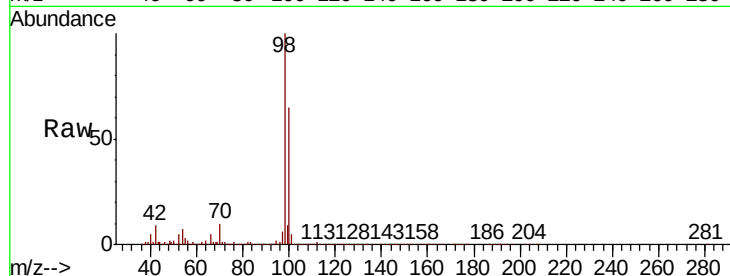
P-4-E.WALL-S.CENTERME

Tgt Ion: 43 Resp: 19249

Ion Ratio Lower Upper

43 100

58 114.2 31.8 47.6#



#53

t-1,3-Dichloropropene

Concen: 1.998 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.01 min

Lab File: VN054442.D

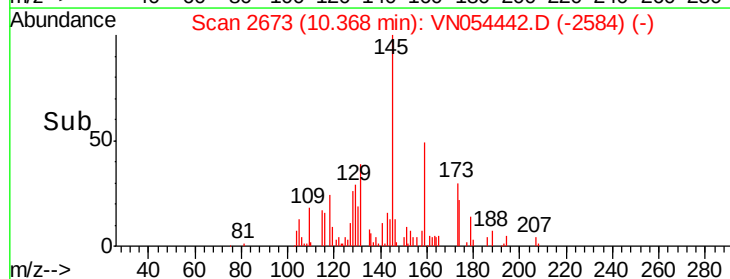
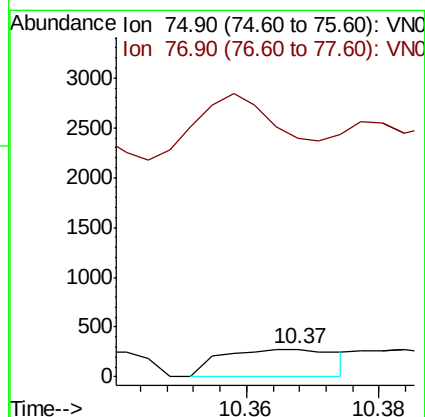
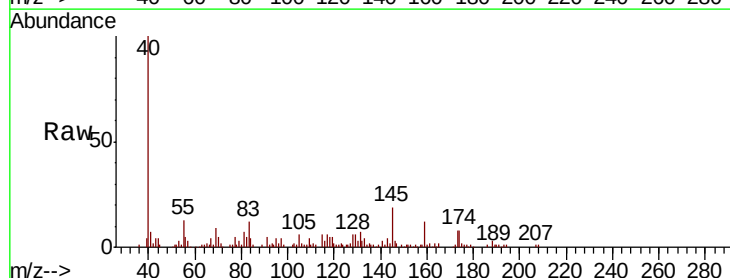
Acq: 19 Mar 2019 15:53

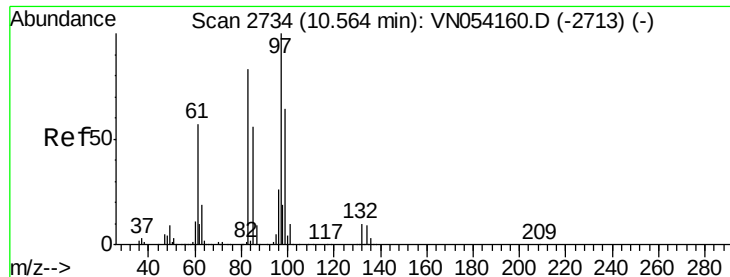
Tgt Ion: 75 Resp: 335

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

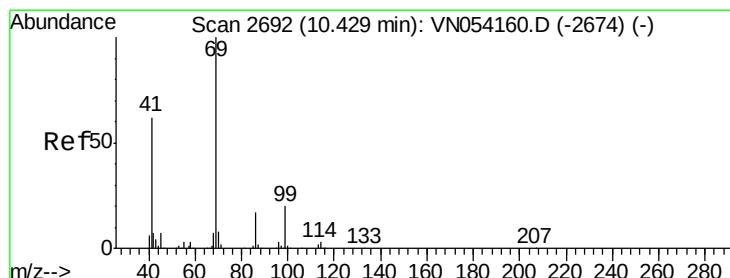
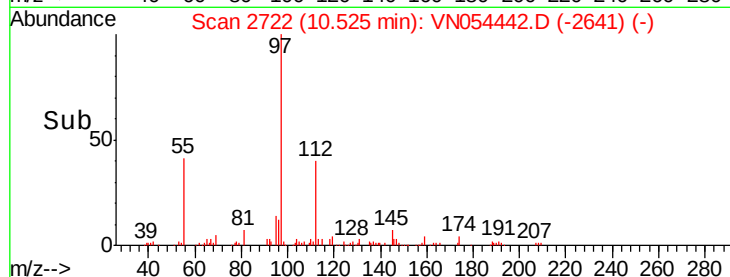
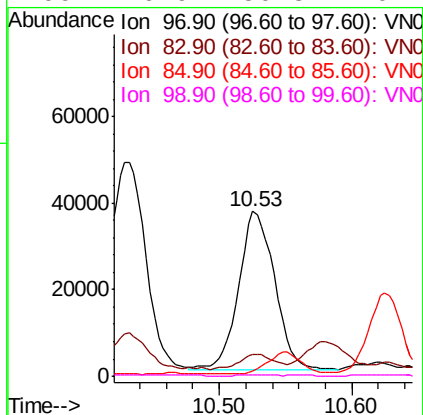
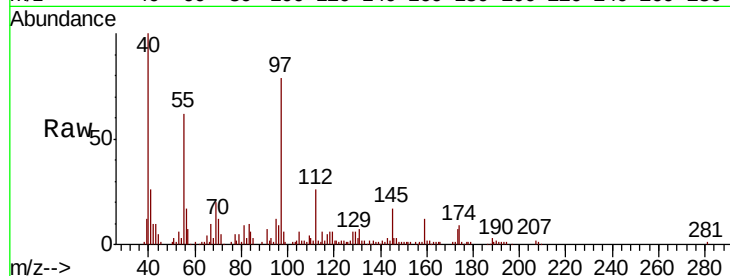




#55
 1,1,2-Trichloroethane
 Concen: 4.138 ug/l
 RT: 10.53 min Scan# 2722
 Delta R.T. -0.04 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

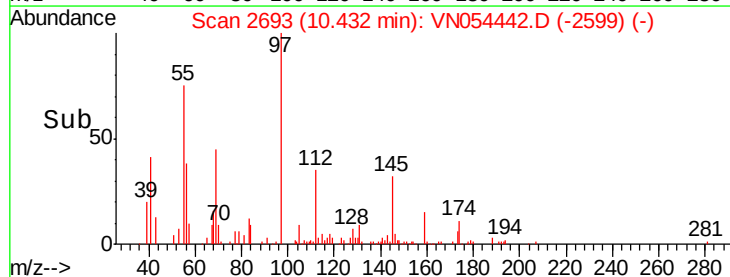
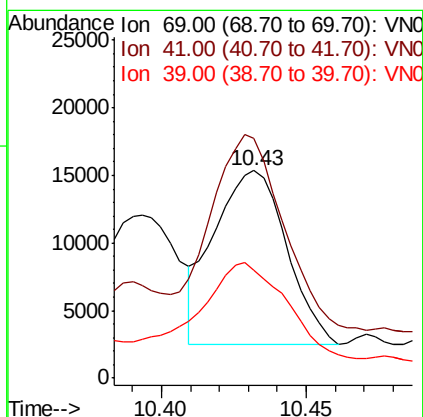
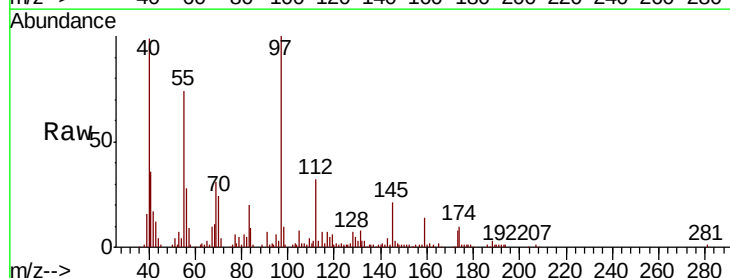
Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTERME

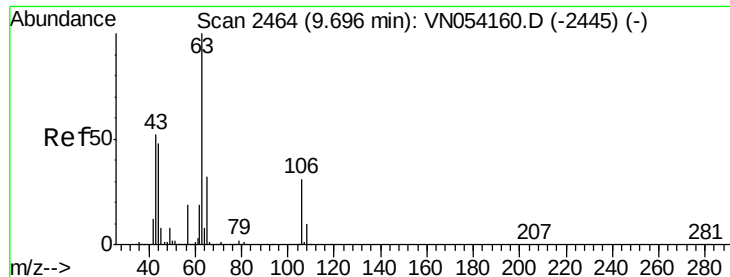
Tgt Ion:	97	Resp:	68613
Ion	Ratio	Lower	Upper
97	100		
83	8.4	66.6	100.0#
85	1.4	44.4	66.6#
99	0.9	50.8	76.2#



#56
 Ethyl methacrylate
 Concen: 1.132 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

Tgt Ion:	69	Resp:	22391
Ion	Ratio	Lower	Upper
69	100		
41	113.8	49.4	74.2#
39	66.8	28.3	42.5#

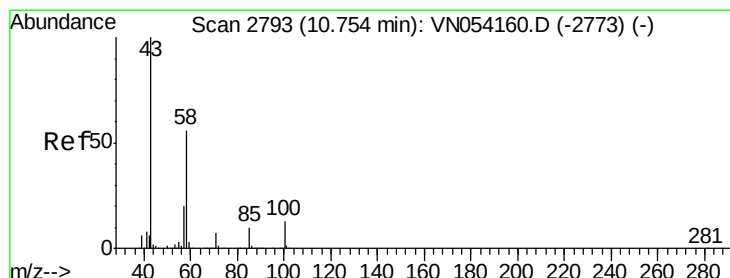
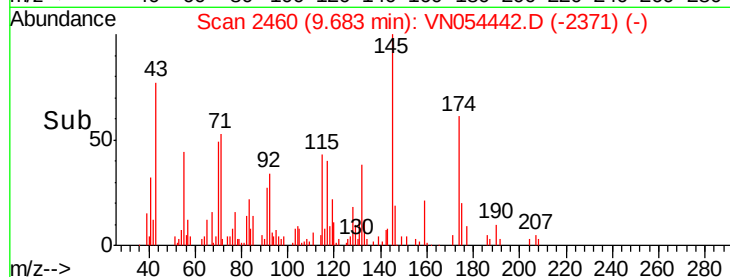
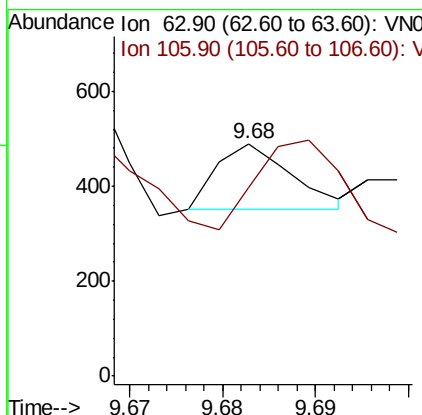
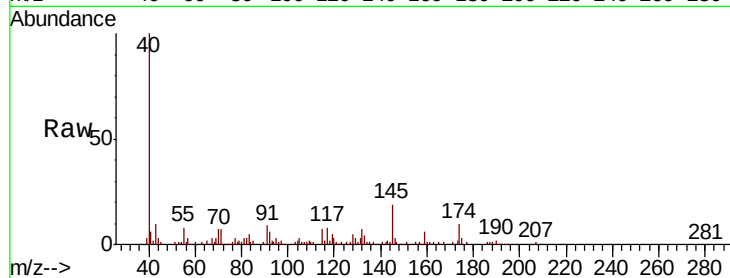




#58
 2-Chloroethyl Vinyl ether
 Concen: 16.836 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

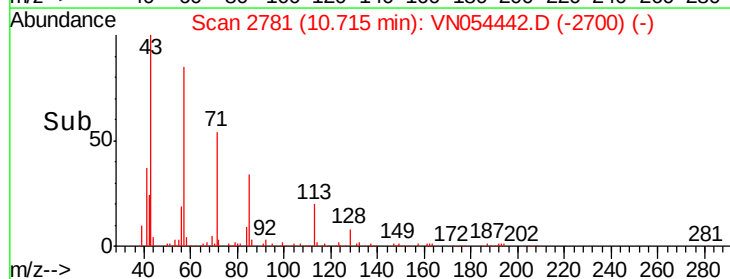
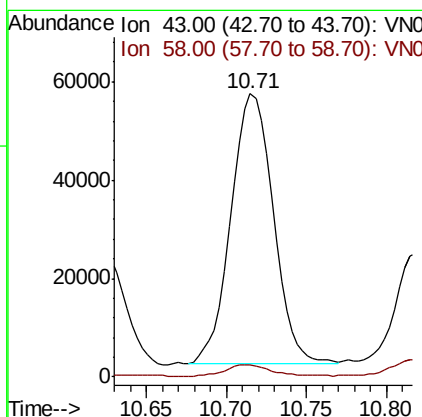
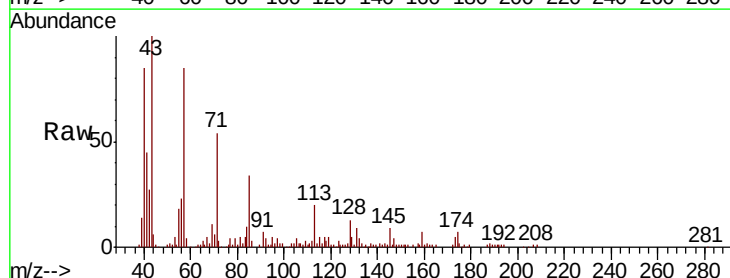
Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTERME

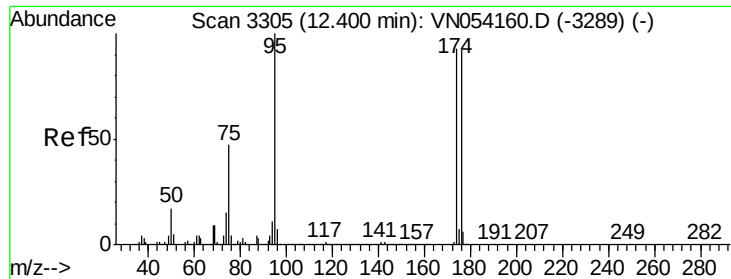
Tgt Ion: 63 Resp: 77
 Ion Ratio Lower Upper
 63 100
 106 161.0 24.4 36.6#



#59
 2-Hexanone
 Concen: 11.218 ug/l
 RT: 10.71 min Scan# 2781
 Delta R.T. -0.04 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

Tgt Ion: 43 Resp: 99712
 Ion Ratio Lower Upper
 43 100
 58 5.1 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 45.925 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

P-4-E.WALL-S.CENTERME

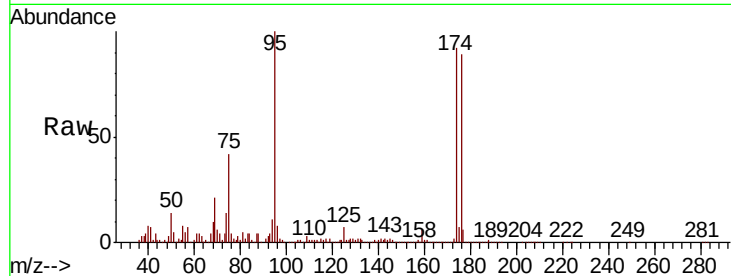
Tgt Ion: 95 Resp: 1040249

Ion Ratio Lower Upper

95 100

174 94.3 0.0 191.0

176 93.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054442.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054442.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054442.D (-2903) (-)

12.40

800000

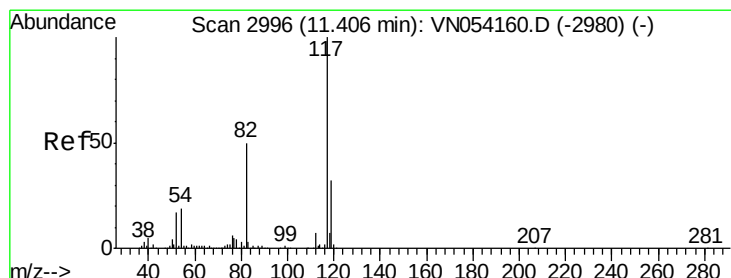
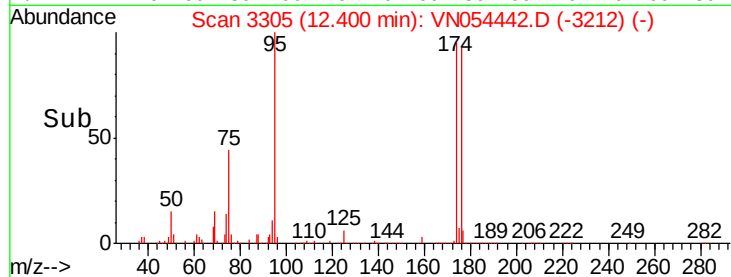
600000

400000

200000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

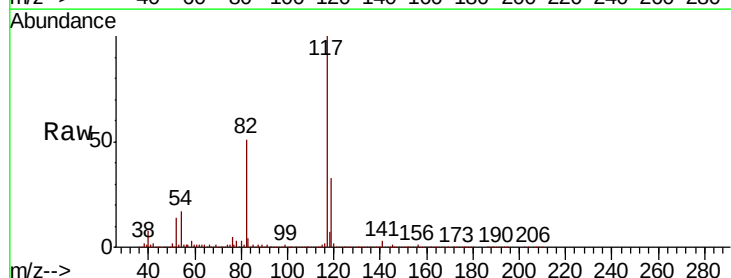
Tgt Ion: 117 Resp: 2395292

Ion Ratio Lower Upper

117 100

82 50.5 40.0 60.0

119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN054442.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054442.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054442.D (-2903) (-)

11.41

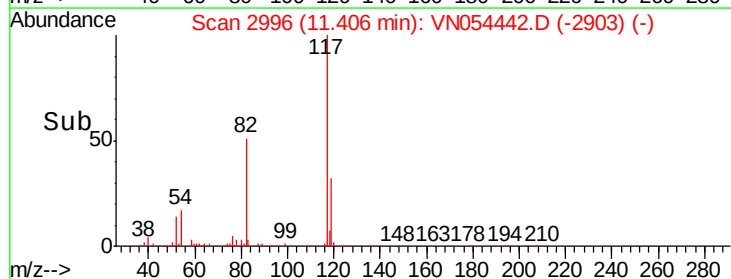
1500000

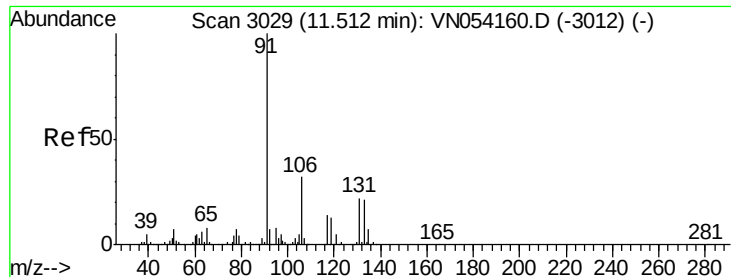
1000000

500000

0

Time-->





#67

Ethyl Benzene

Concen: 0.319 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

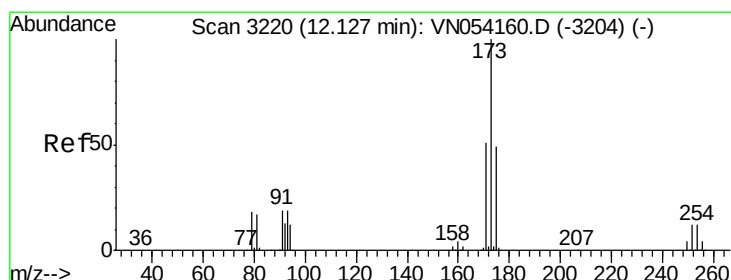
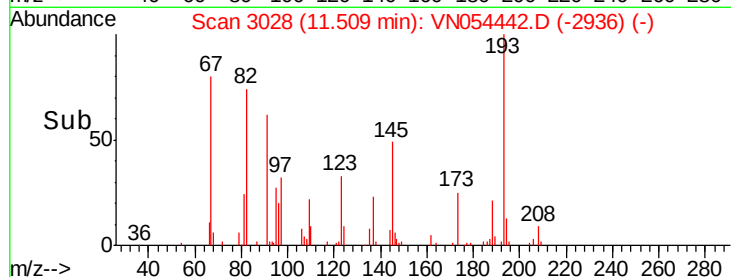
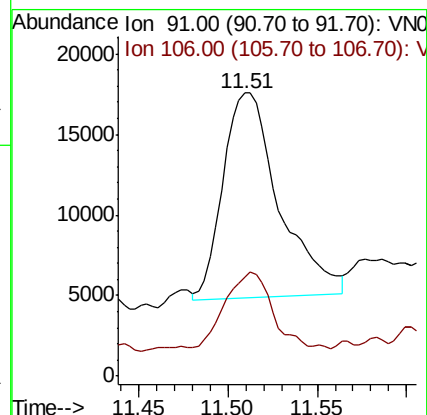
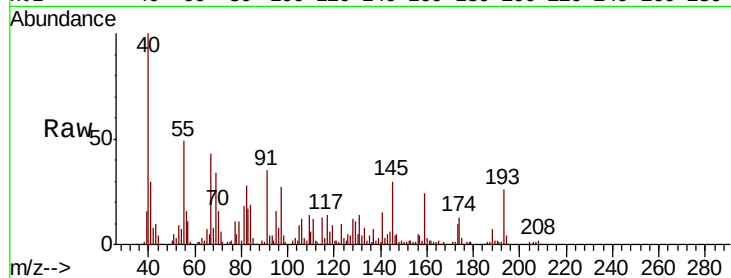
P-4-E.WALL-S.CENTERME

Tgt Ion: 91 Resp: 27854

Ion Ratio Lower Upper

91 100

106 35.7 25.5 38.3



#71

Bromoform

Concen: 4.180 ug/l

RT: 12.17 min Scan# 3235

Delta R.T. 0.05 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

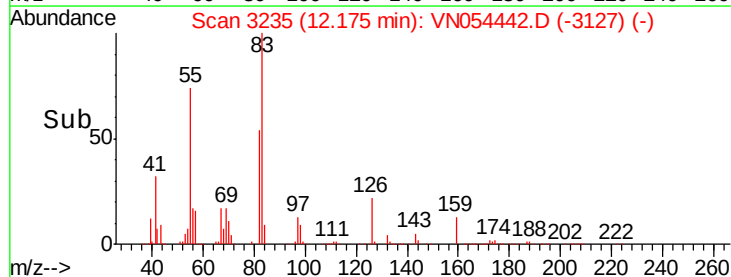
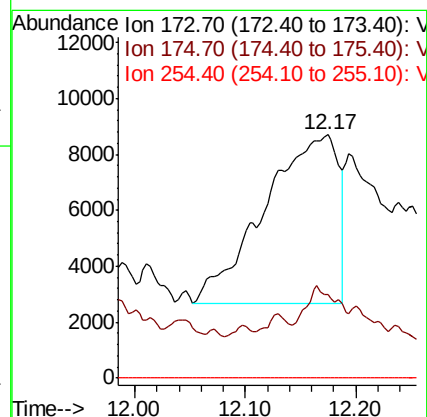
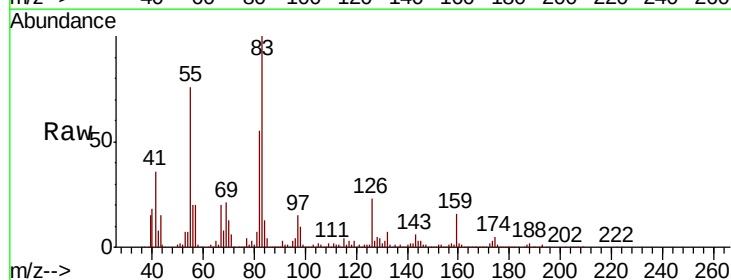
Tgt Ion: 173 Resp: 27956

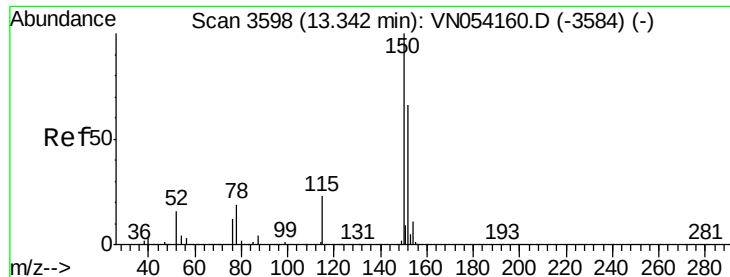
Ion Ratio Lower Upper

173 100

175 8.8 24.4 73.2#

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

P-4-E.WALL-S.CENTERME

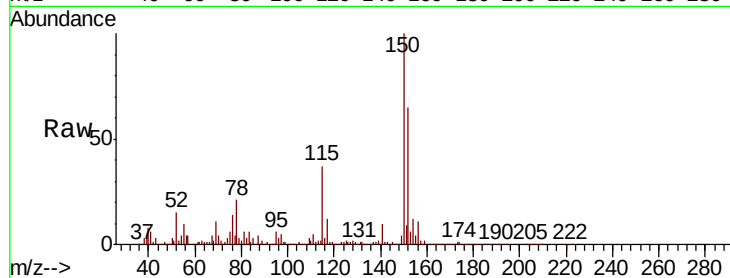
Tgt Ion:152 Resp: 1215354

Ion Ratio Lower Upper

152 100

115 56.9 27.2 81.6

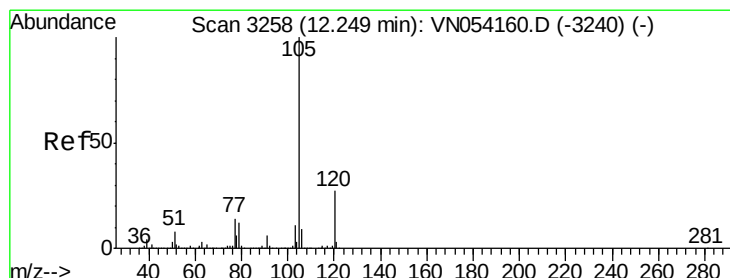
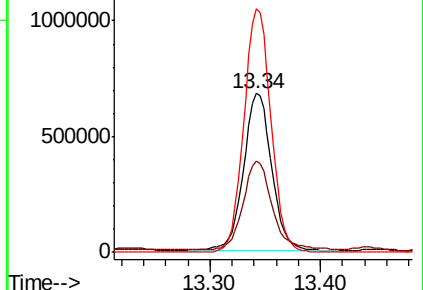
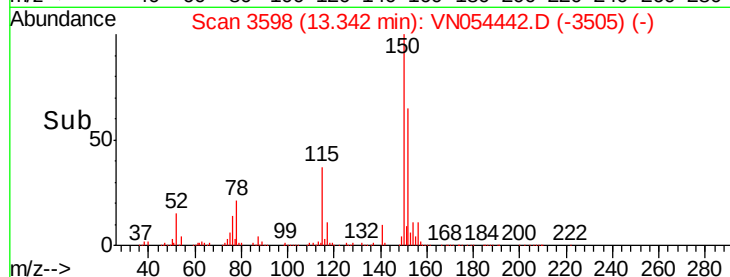
150 145.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.242 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054442.D

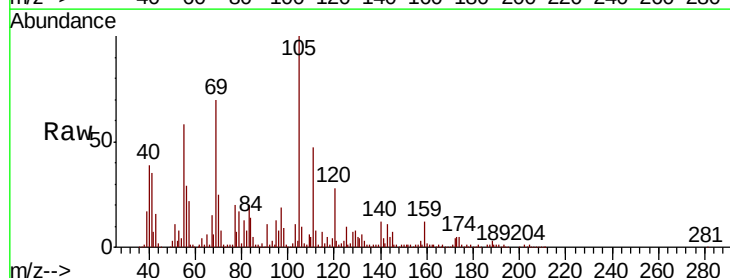
Acq: 19 Mar 2019 15:53

Tgt Ion:105 Resp: 218004

Ion Ratio Lower Upper

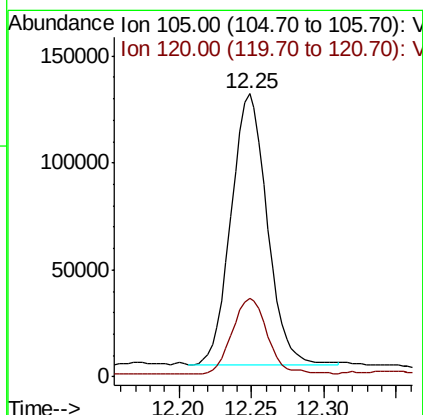
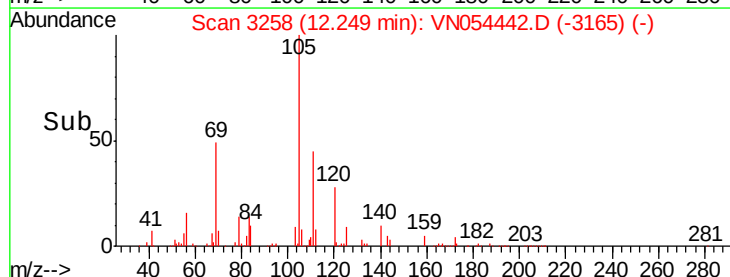
105 100

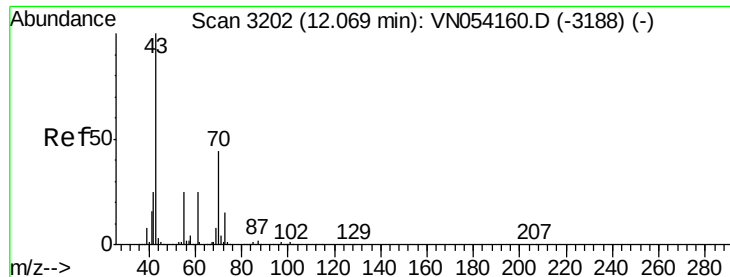
120 28.0 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 10.959 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

P-4-E.WALL-S.CENTERME

Tgt Ion: 43 Resp: 236527

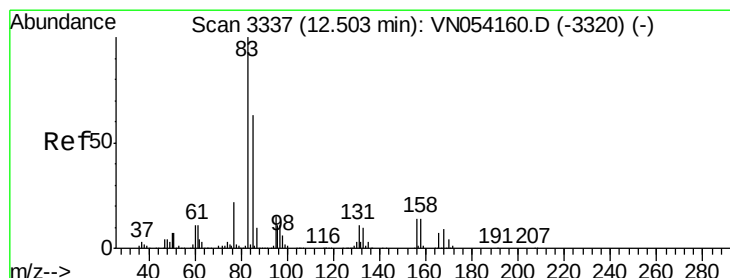
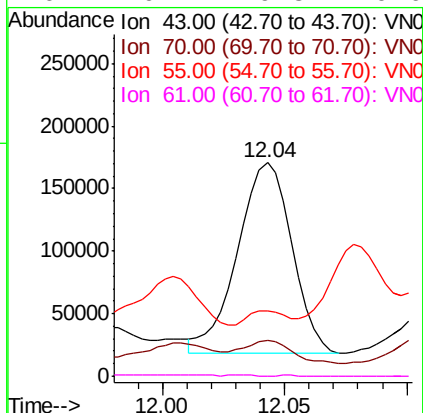
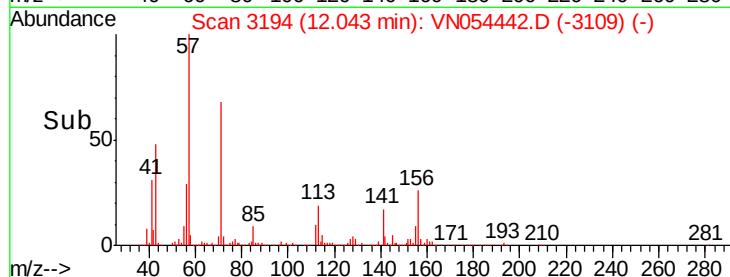
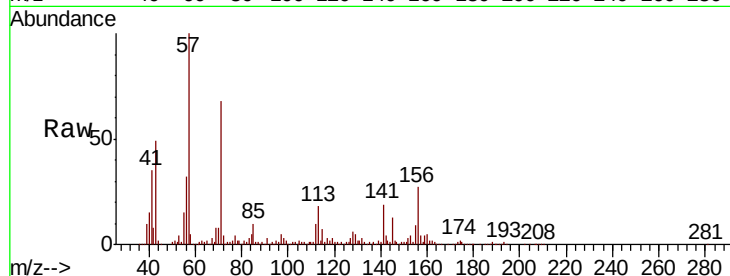
Ion Ratio Lower Upper

43 100

70 10.3 35.4 53.0#

55 0.0 19.8 29.6#

61 0.1 19.8 29.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.390 ug/l

RT: 12.46 min Scan# 3323

Delta R.T. -0.05 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

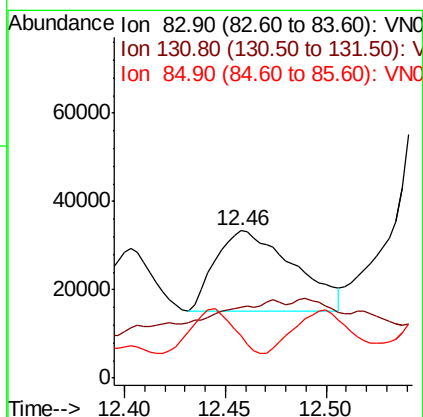
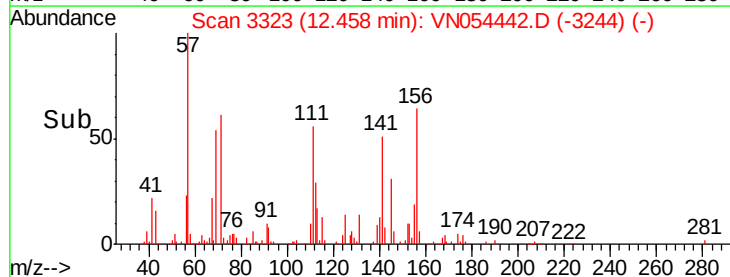
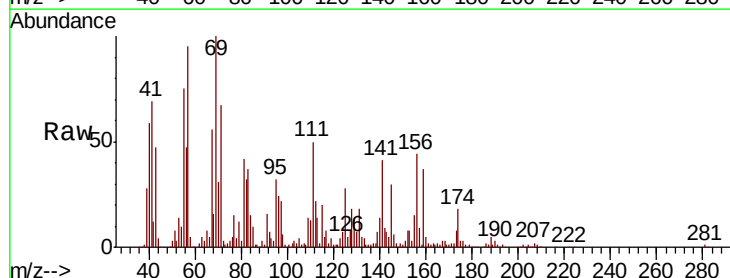
Tgt Ion: 83 Resp: 49514

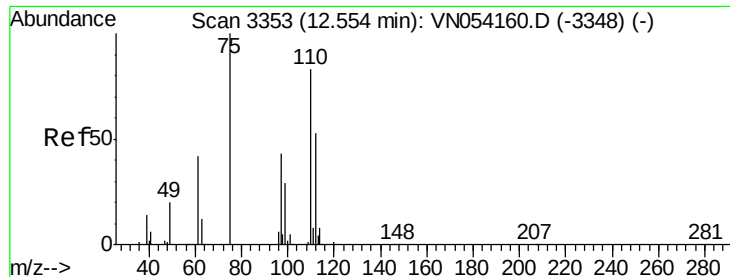
Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 29.3 32.2 96.6#





#76

1,2,3-Trichloropropane

Concen: 0.995 ug/l

RT: 12.54 min Scan# 3348

Delta R.T. -0.02 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

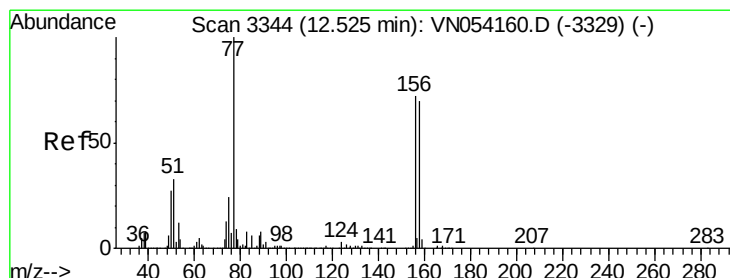
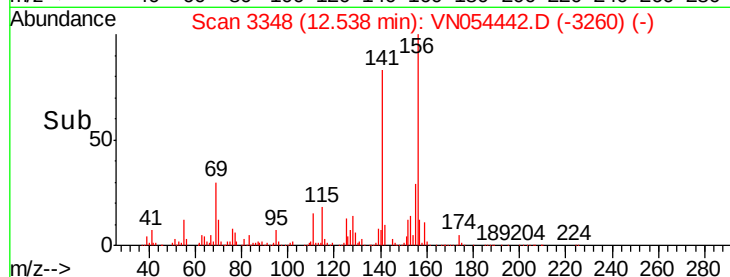
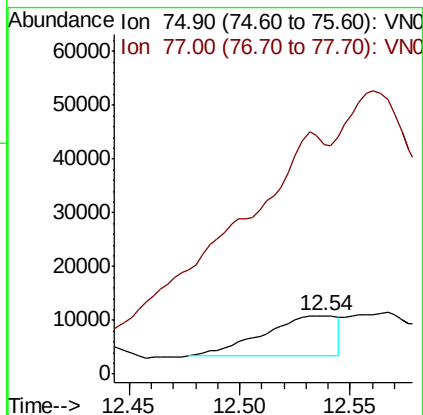
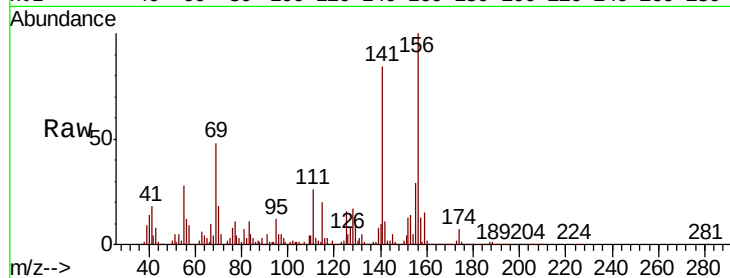
P-4-E.WALL-S.CENTERME

Tgt Ion: 75 Resp: 17778

Ion Ratio Lower Upper

75 100

77 677.1 0.0 0.0#



#77

Bromobenzene

Concen: 95.779 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.02 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

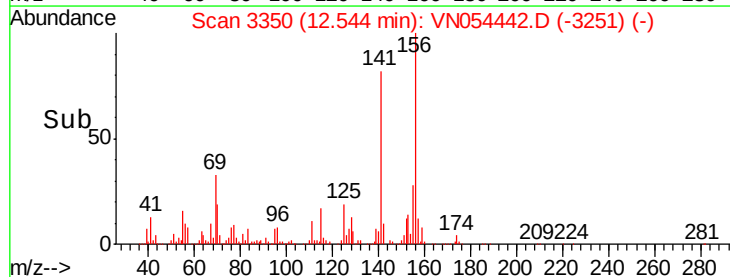
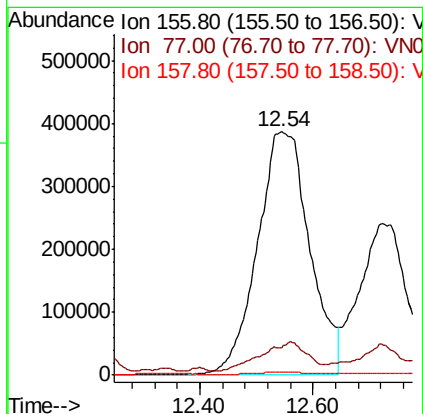
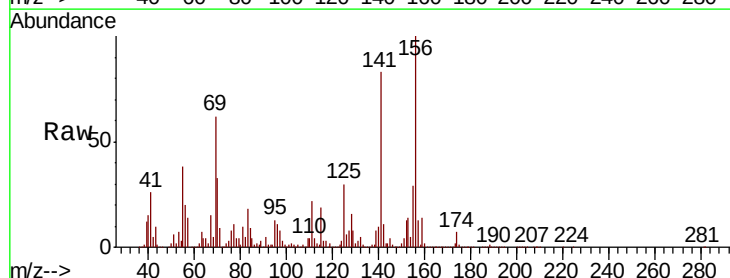
Tgt Ion: 156 Resp: 2464405

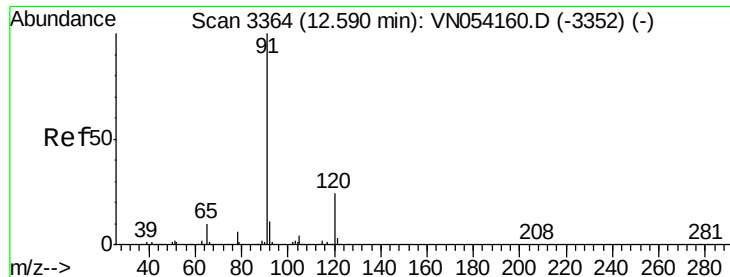
Ion Ratio Lower Upper

156 100

77 4.9 81.5 244.4#

158 0.0 49.0 147.2#





#78

n-propylbenzene

Concen: 3.977 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

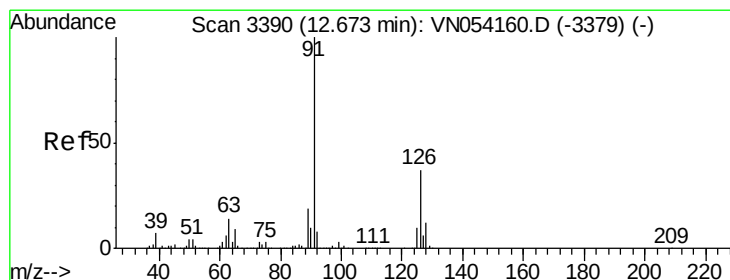
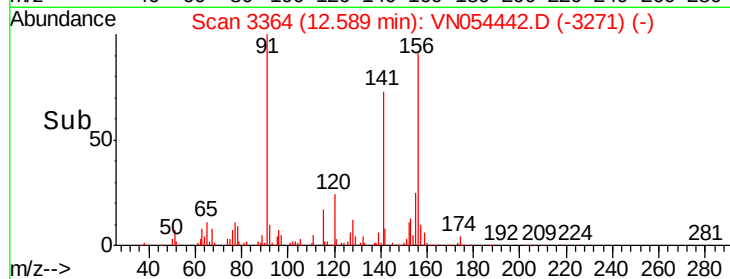
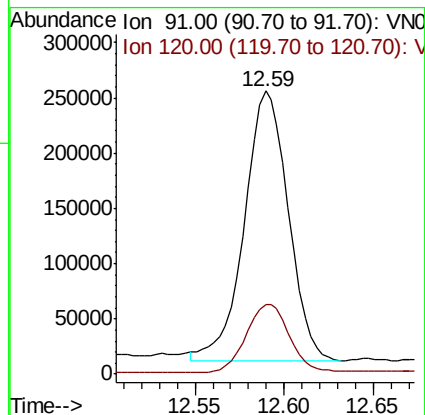
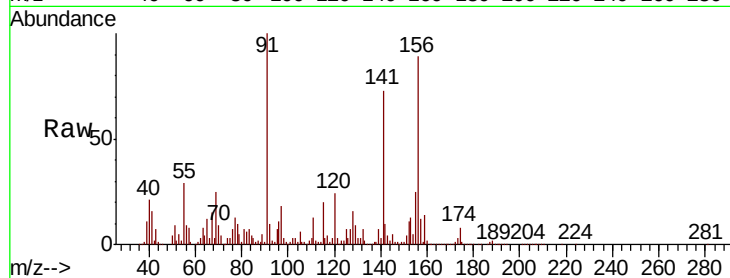
P-4-E.WALL-S.CENTERME

Tgt Ion: 91 Resp: 419601

Ion Ratio Lower Upper

91 100

120 25.4 12.3 36.9



#79

2-Chlorotoluene

Concen: 0.281 ug/l

RT: 12.72 min Scan# 3406

Delta R.T. 0.05 min

Lab File: VN054442.D

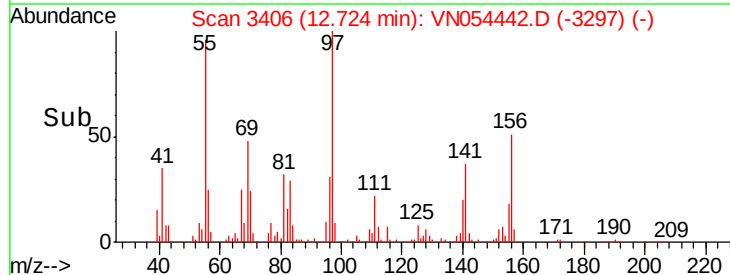
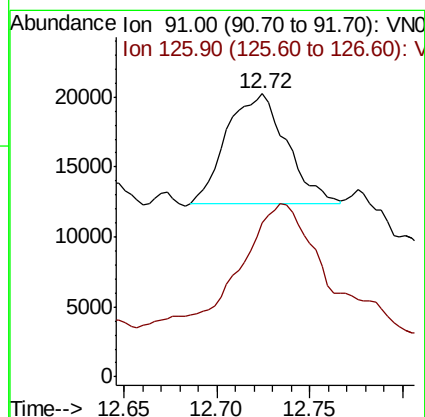
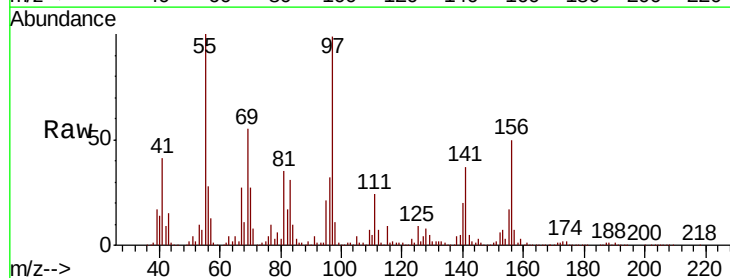
Acq: 19 Mar 2019 15:53

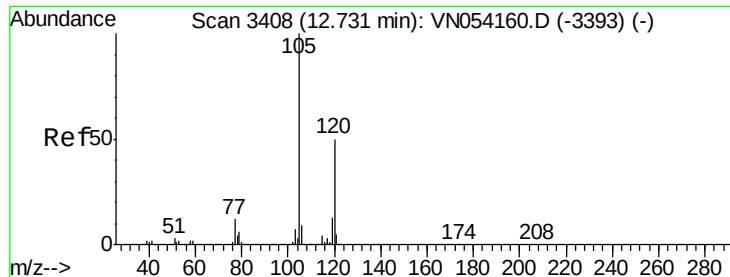
Tgt Ion: 91 Resp: 17849

Ion Ratio Lower Upper

91 100

126 195.3 18.7 56.1#

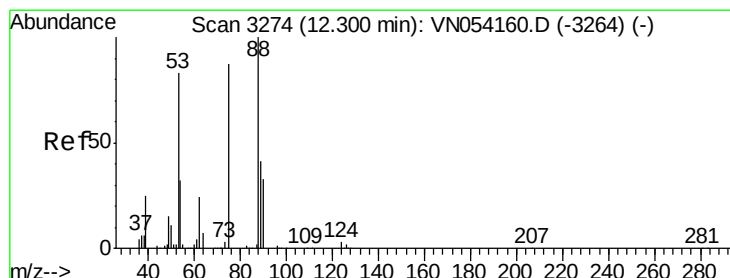
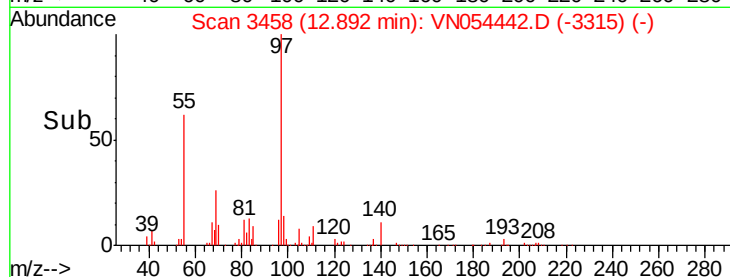
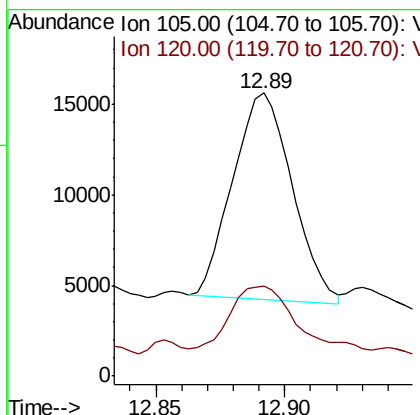
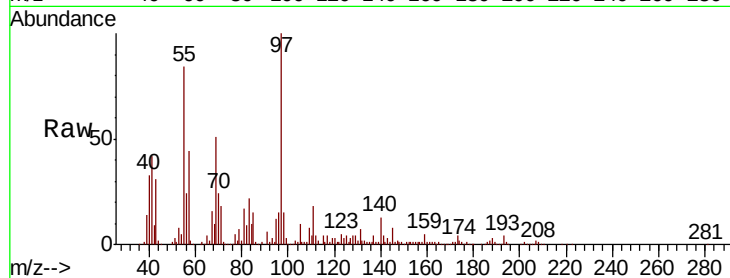




#80
 1,3,5-Trimethylbenzene
 Concen: 0.227 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. 0.16 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

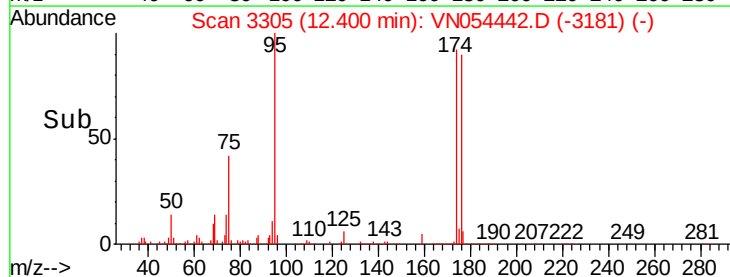
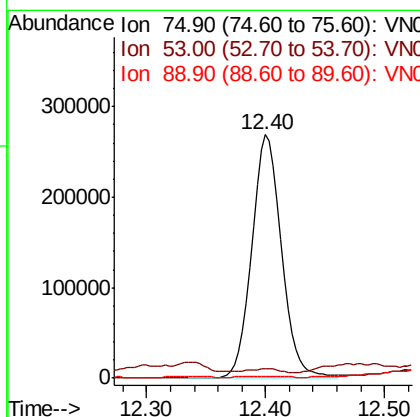
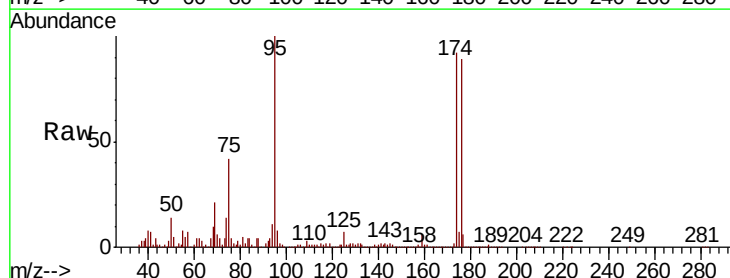
Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTERME

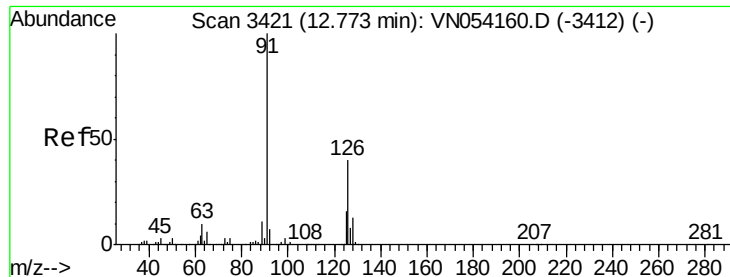
Tgt Ion: 105 Resp: 18387
 Ion Ratio Lower Upper
 105 100
 120 32.1 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.153 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

Tgt Ion: 75 Resp: 460884
 Ion Ratio Lower Upper
 75 100
 53 1.5 76.2 114.2#
 89 0.0 39.2 58.8#





#82

4-Chlorotoluene

Concen: 0.282 ug/l

RT: 12.72 min Scan# 3406

Delta R.T. -0.05 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

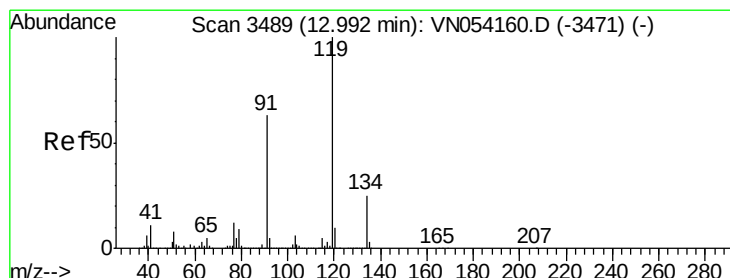
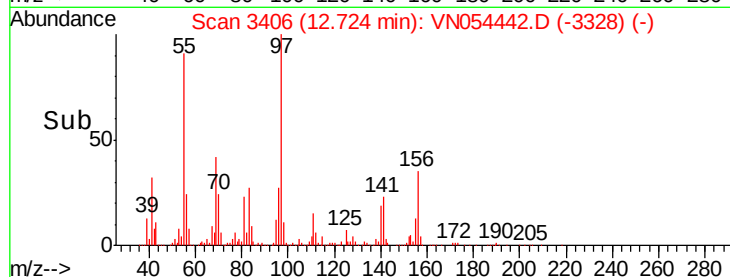
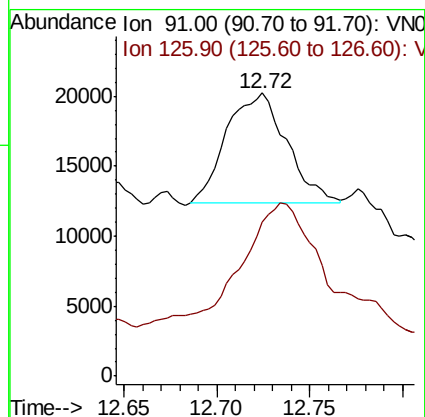
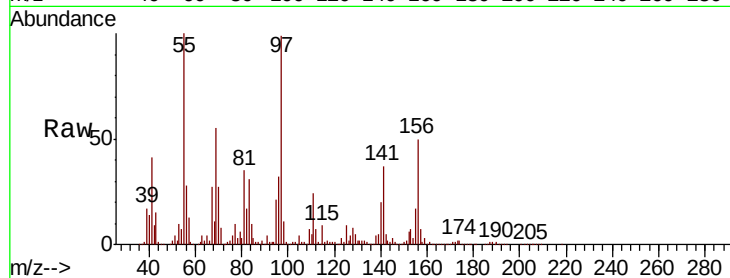
P-4-E.WALL-S.CENTERME

Tgt Ion: 91 Resp: 17849

Ion Ratio Lower Upper

91 100

126 195.3 18.1 54.1#



#83

tert-Butylbenzene

Concen: 0.524 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

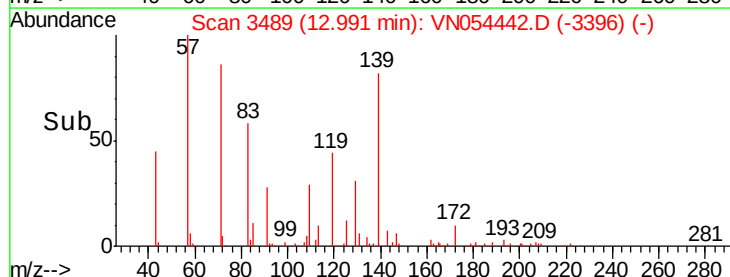
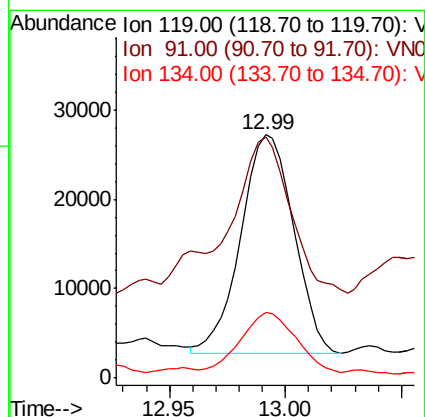
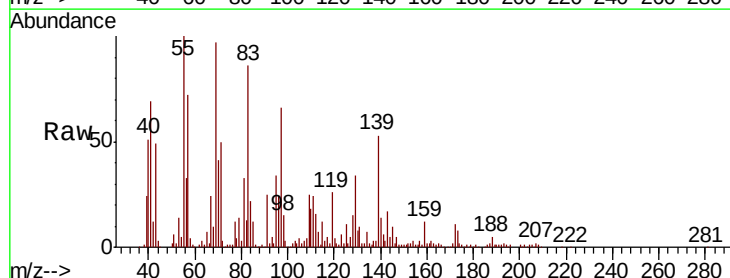
Tgt Ion: 119 Resp: 39033

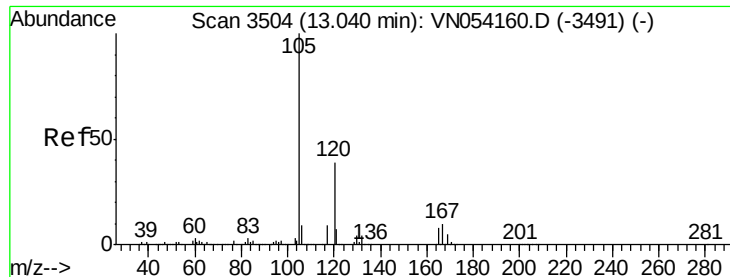
Ion Ratio Lower Upper

119 100

91 70.1 30.9 92.8

134 28.3 13.2 39.6

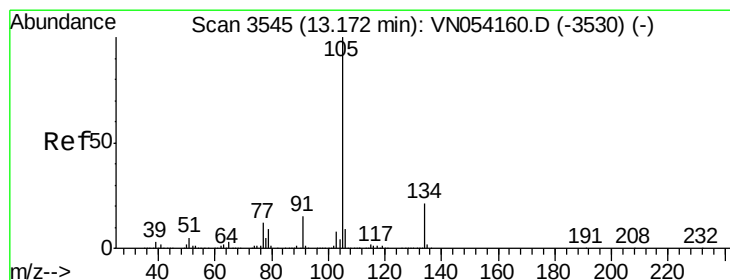
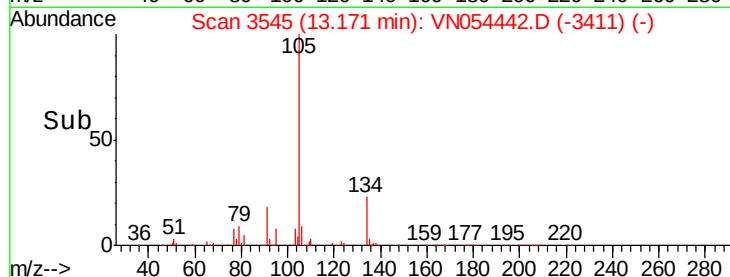
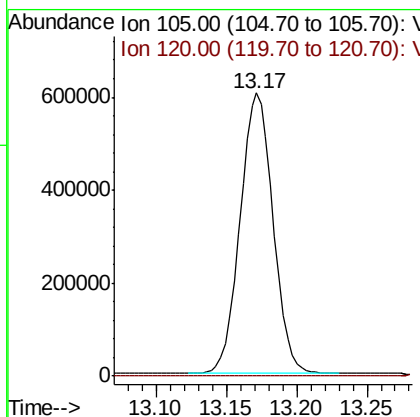
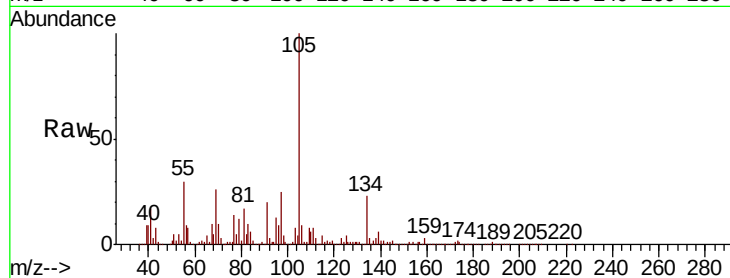




#84
1,2,4-Trimethylbenzene
Concen: 12.462 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.13 min
Lab File: VN054442.D
Acq: 19 Mar 2019 15:53

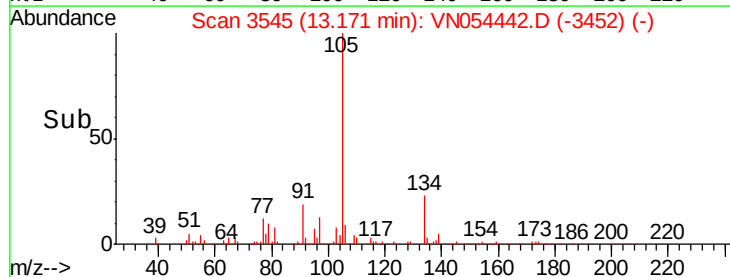
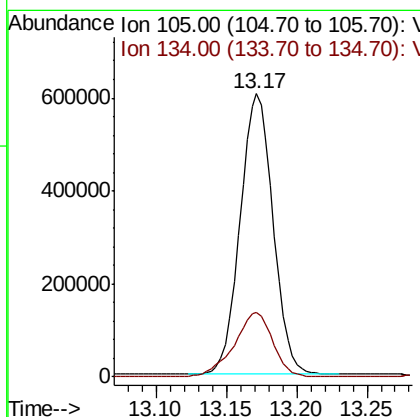
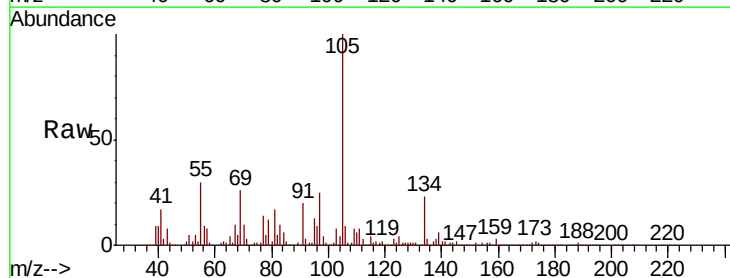
Instrument :
MSVOA_N
ClientSampleId :
P-4-E.WALL-S.CENTERME

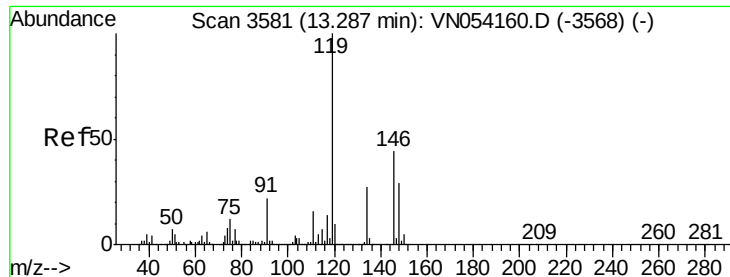
Tgt Ion:105 Resp: 988796
Ion Ratio Lower Upper
105 100
120 0.2 23.4 70.3#



#85
sec-Butylbenzene
Concen: 10.242 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN054442.D
Acq: 19 Mar 2019 15:53

Tgt Ion:105 Resp: 988796
Ion Ratio Lower Upper
105 100
134 26.6 10.7 32.1

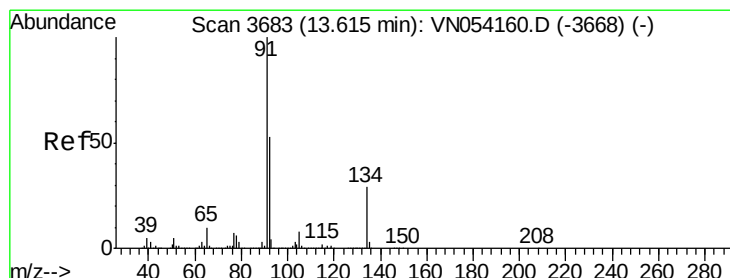
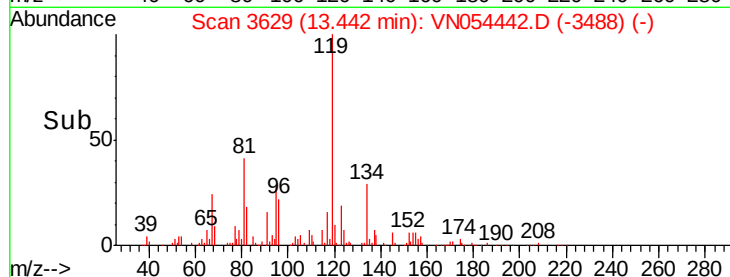
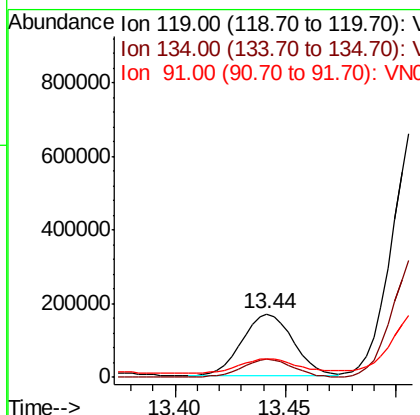
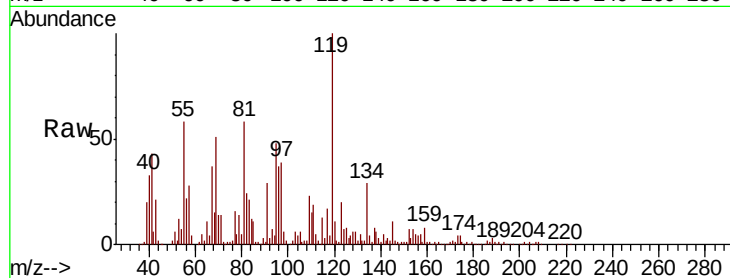




#86
 p-Isopropyltoluene
 Concen: 3.190 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

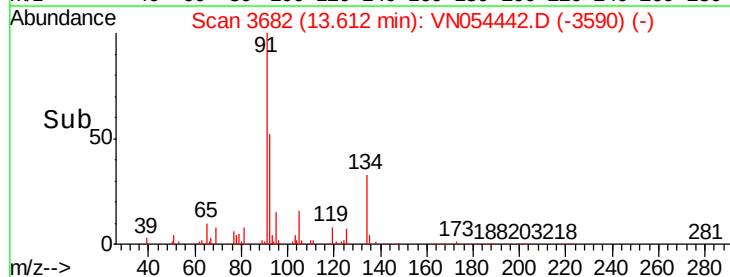
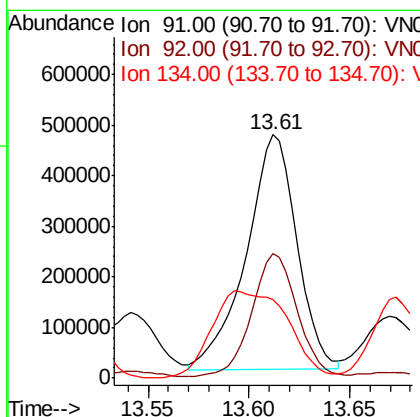
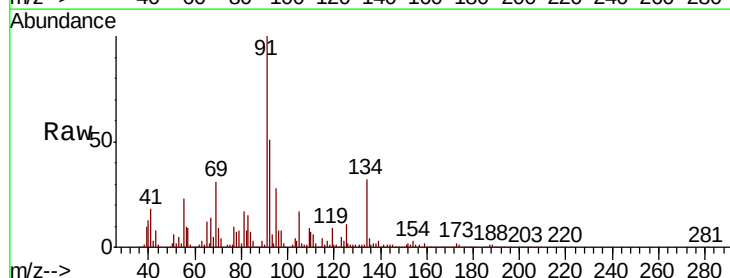
Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTERME

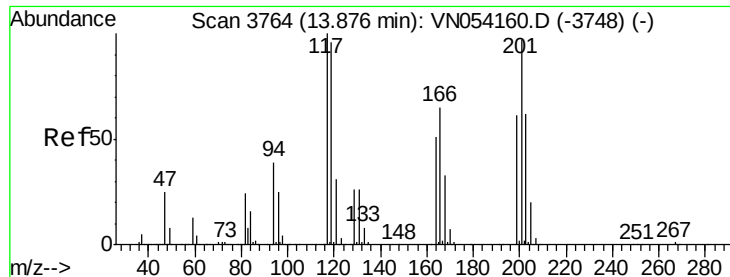
Tgt Ion: 119 Resp: 270201
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.6 40.8
 91 26.3 11.1 33.3



#89
 n-Butylbenzene
 Concen: 12.695 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

Tgt Ion: 91 Resp: 816991
 Ion Ratio Lower Upper
 91 100
 92 46.9 26.2 78.6
 134 54.9 14.3 42.9#





#90

Hexachloroethane

Concen: 34.374 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

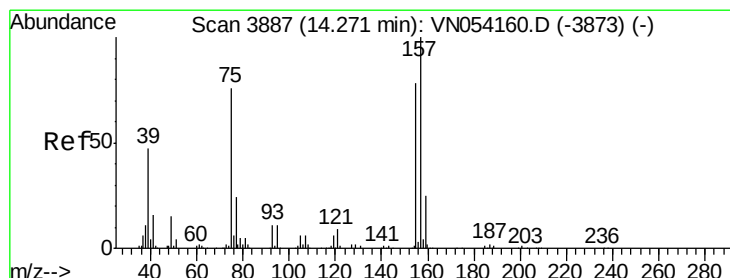
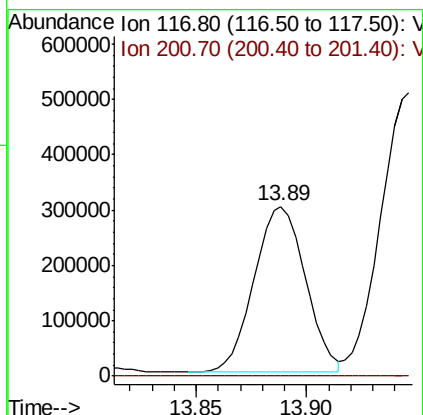
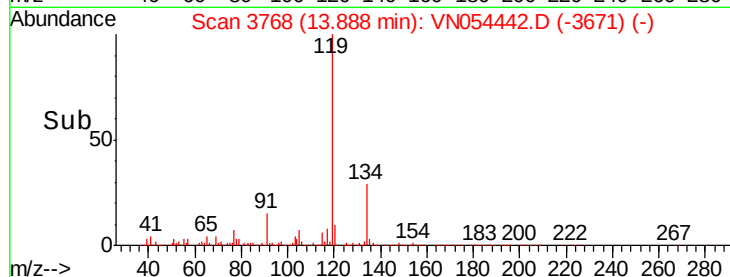
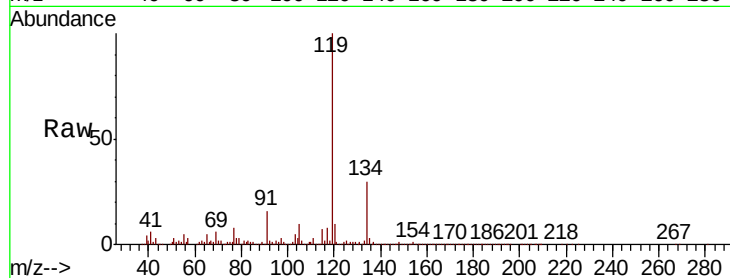
P-4-E.WALL-S.CENTERME

Tgt Ion:117 Resp: 482085

Ion Ratio Lower Upper

117 100

201 0.1 48.1 144.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.850 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

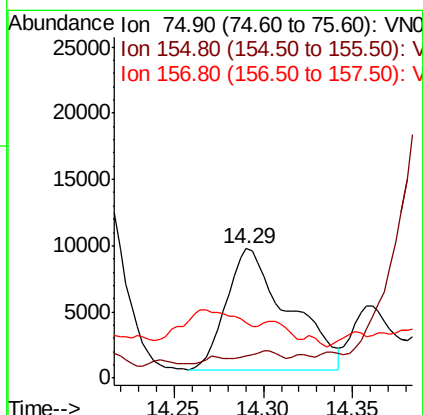
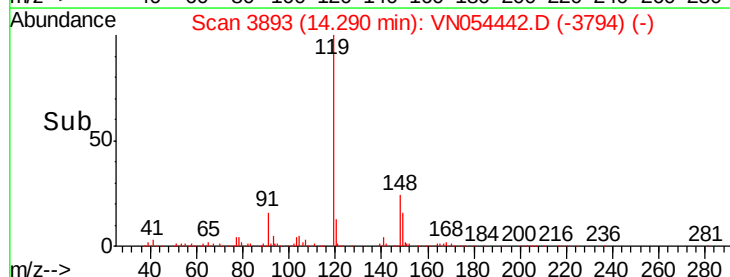
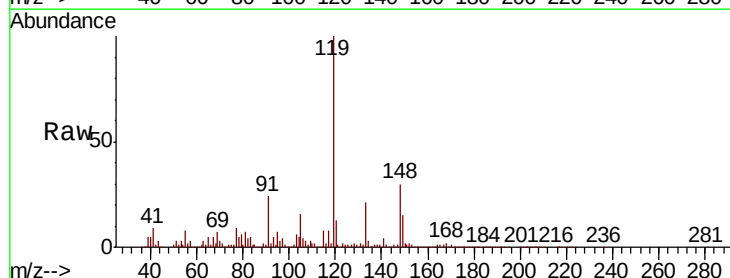
Tgt Ion: 75 Resp: 21959

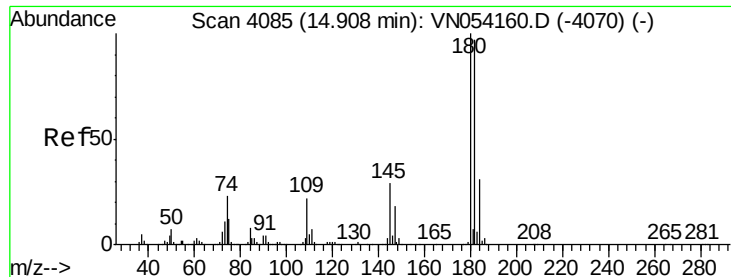
Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

157 5.8 63.1 189.3#





#93

1,2,4-Trichlorobenzene

Concen: 2.569 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

P-4-E.WALL-S.CENTERME

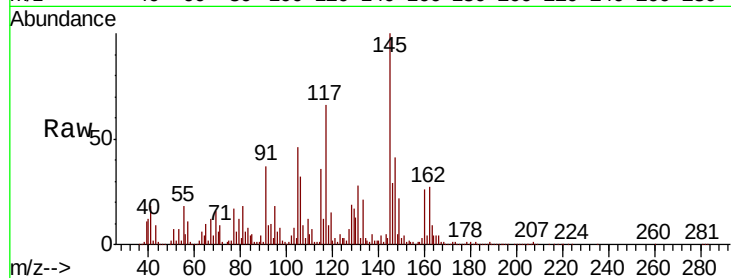
Tgt Ion:180 Resp: 1421

Ion Ratio Lower Upper

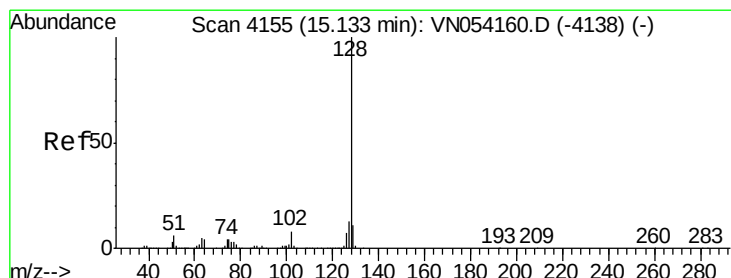
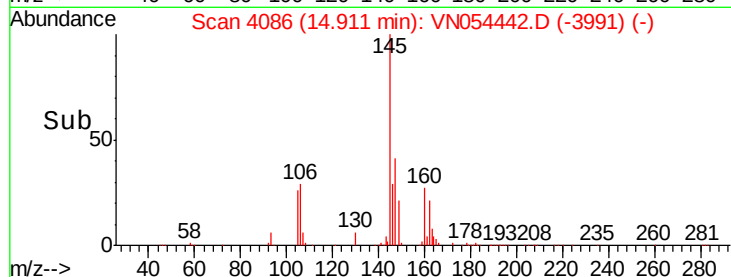
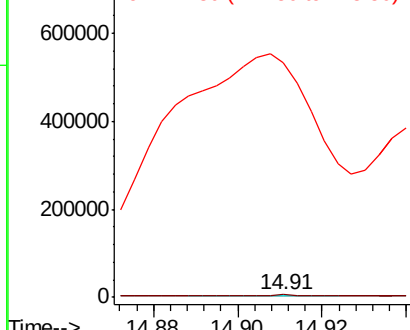
180 100

182 435.5 48.0 144.2#

145 93942.2 14.2 42.8#



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



#95

Naphthalene

Concen: 5.488 ug/l

RT: 15.10 min Scan# 4145

Delta R.T. -0.03 min

Lab File: VN054442.D

Acq: 19 Mar 2019 15:53

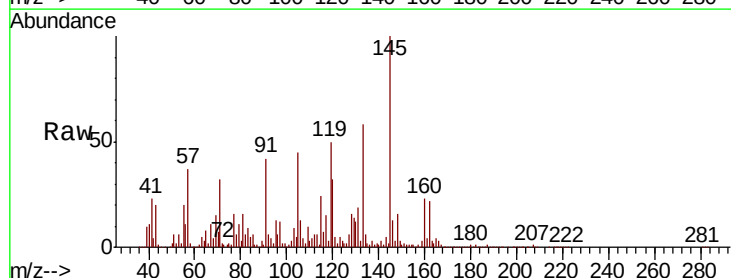
Tgt Ion:128 Resp: 115619

Ion Ratio Lower Upper

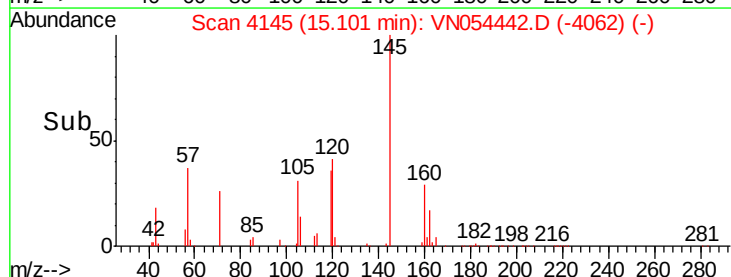
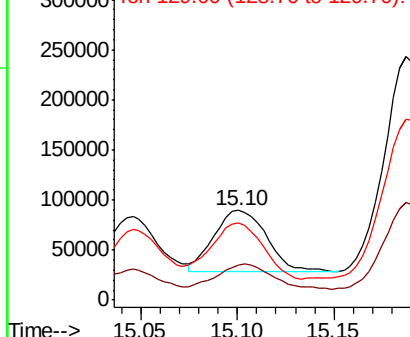
128 100

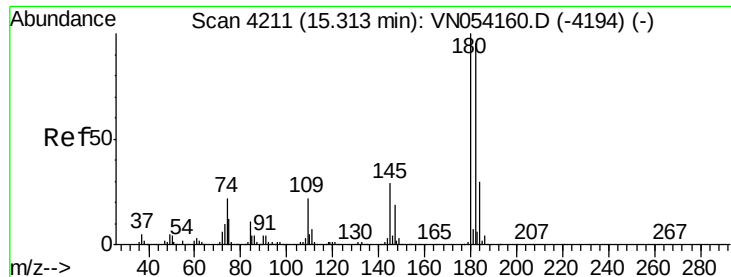
127 41.5 10.1 15.1#

129 90.6 8.7 13.1#



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: 0.442 ug/l
 RT: 15.34 min Scan# 4218
 Delta R.T. 0.02 min
 Lab File: VN054442.D
 Acq: 19 Mar 2019 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTERME

Tgt Ion:180 Resp: 9961
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.5 142.6#
 145 13939.4 14.8 44.3#

