

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054590.D
 Acq On : 23 Mar 2019 6:55
 Operator : JC/SP
 Sample : K2045-16
 Misc : 5.53µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 01:51:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	594845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	898288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	364184	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	354553	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.59	113	261165	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
50) Toluene-d8	10.09	98	1099926	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.40	95	364755	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.19	62	12036	1.549	ug/l	98
11) Tert butyl alcohol	4.74	59	5079	11.338	ug/l #	70
20) Methylene Chloride	4.54	84	4513	0.688	ug/l #	90
27) cis-1,2-Dichloroethene	6.83	96	3591	0.514	ug/l	91
29) Tetrahydrofuran	7.20	42	507	0.274	ug/l #	40
31) Cyclohexane	7.66	56	13946	Below Cal	#	9
36) 1,1-Dichloropropene	7.66	75	41784	4.975	ug/l #	47
38) Carbon Tetrachloride	7.66	117	53346	6.536	ug/l #	16
39) Methylcyclohexane	9.08	83	19641	2.044	ug/l #	86
51) 4-Methyl-2-Pentanone	10.02	43	3263	0.584	ug/l	94
53) t-1,3-Dichloropropene	10.09	75	218	2.257	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	5342	1.006	ug/l #	28
59) 2-Hexanone	10.72	43	19298	5.284	ug/l #	29
65) Chlorobenzene	11.43	112	625884	39.024	ug/l	100
69) o-Xylene	11.95	106	4528	0.432	ug/l	87
71) Bromoform	12.13	173	294	2.291	ug/l #	28
73) Isopropylbenzene	12.25	105	16993	0.579	ug/l	96
74) N-amyl acetate	12.04	43	190318	22.554	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.46	83	7180	1.072	ug/l #	67
76) 1,2,3-Trichloropropane	12.40	75	191756	33.181	ug/l #	100
77) Bromobenzene	12.55	156	208671	28.670	ug/l #	1
78) n-propylbenzene	12.59	91	6532	0.205	ug/l	79
79) 2-Chlorotoluene	12.67	91	6844	0.345	ug/l	77
80) 1,3,5-Trimethylbenzene	12.89	105	19993	0.831	ug/l	79
81) trans-1,4-Dichloro-2-buten	12.40	75	191756	110.303	ug/l #	12
82) 4-Chlorotoluene	12.67	91	6844	0.356	ug/l	79
83) tert-Butylbenzene	12.99	119	14590	0.697	ug/l	80
85) sec-Butylbenzene	13.17	105	62672	2.401	ug/l #	52
86) p-Isopropyltoluene	13.44	119	26037	1.115	ug/l	89
87) 1,3-Dichlorobenzene	13.28	146	274328	22.744	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	812487	69.234	ug/l	97
89) n-Butylbenzene	13.62	91	28822	1.579	ug/l #	73
90) Hexachloroethane	13.80	117	1906	0.526	ug/l #	5
91) 1,2-Dichlorobenzene	13.65	146	381308	32.639	ug/l	91

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

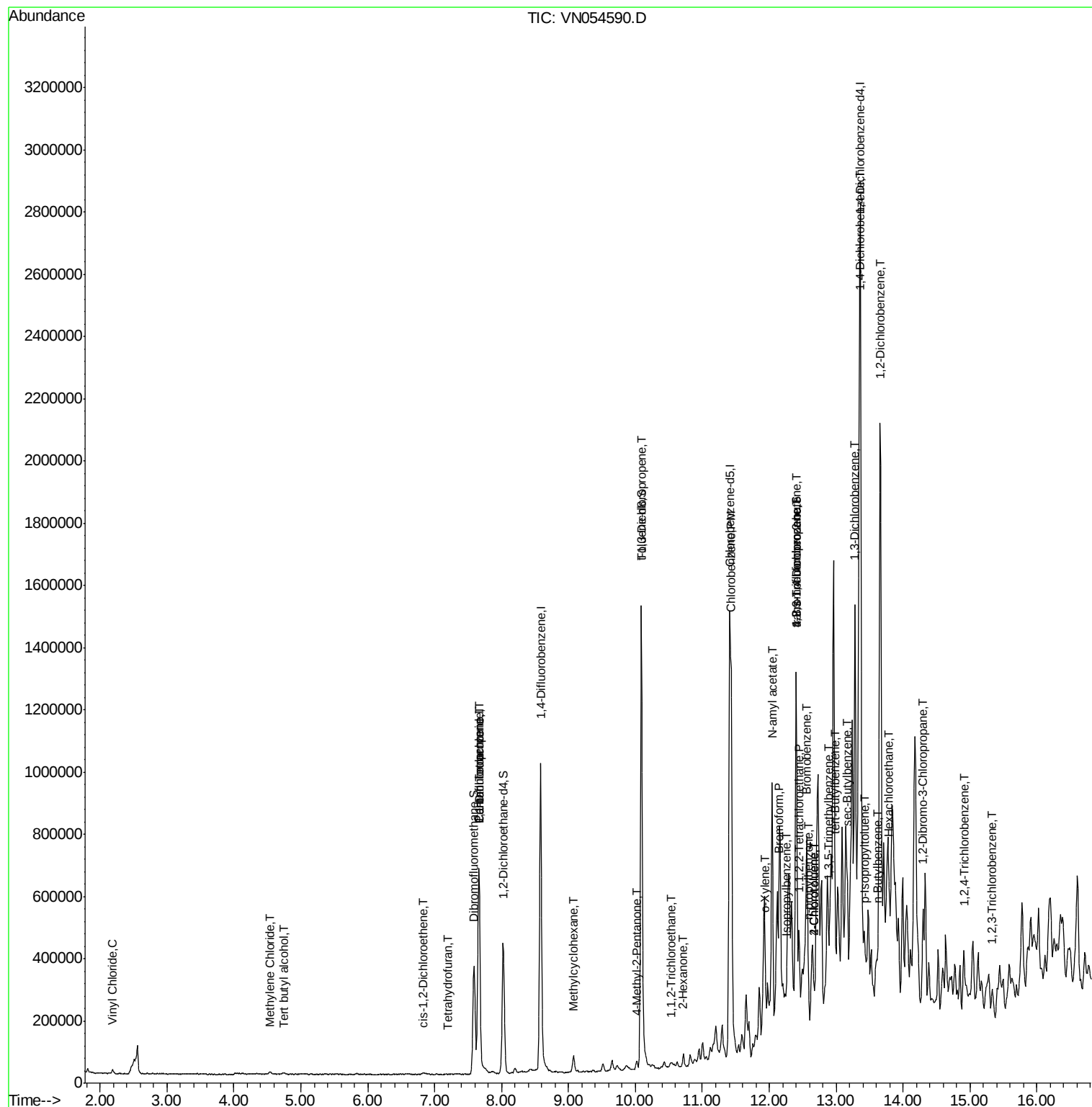
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.29	75	893	0.909	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.91	180	40235	6.909	ug/l #	69
94) Hexachlorobutadiene	15.01	225	64	Below Cal	#	19
96) 1,2,3-Trichlorobenzene	15.32	180	3144	0.542	ug/l #	73

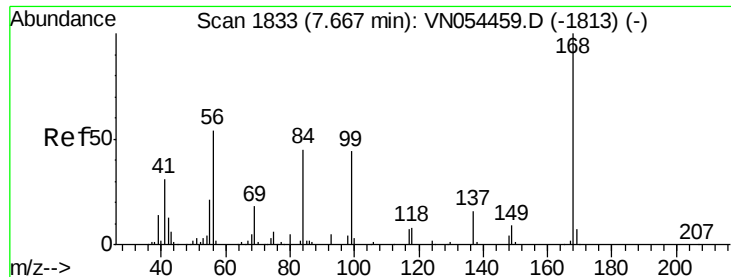
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

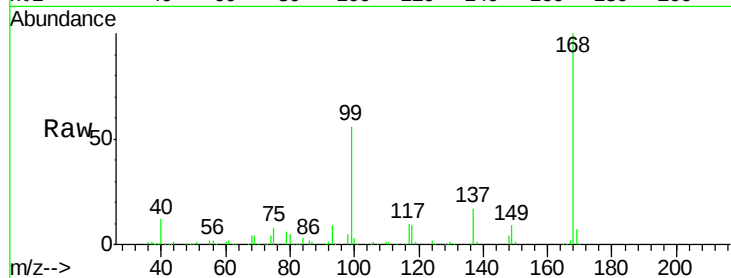
ClientSampled :

Tot Ion:168 Resp: 594845

Ion Ratio Lower Upper

168 100

99 56.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

150000

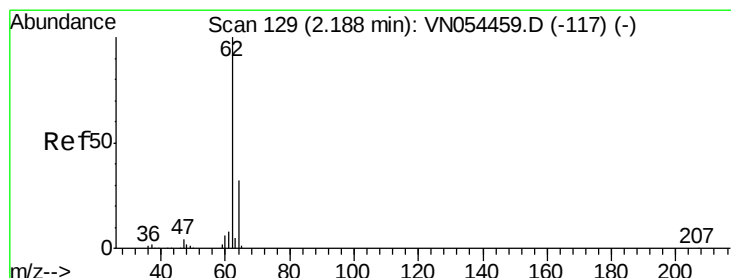
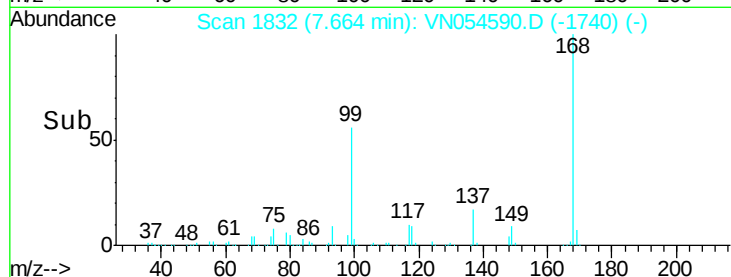
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 1.549 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054590.D

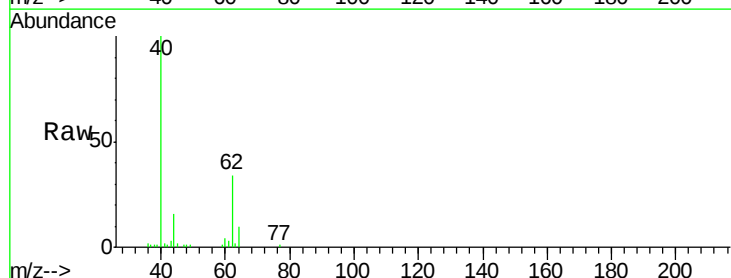
Acq: 23 Mar 2019 6:55

Tgt Ion: 62 Resp: 12036

Ion Ratio Lower Upper

62 100

64 30.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.19

8000

6000

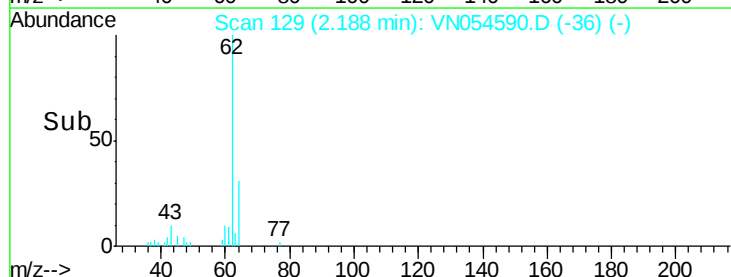
4000

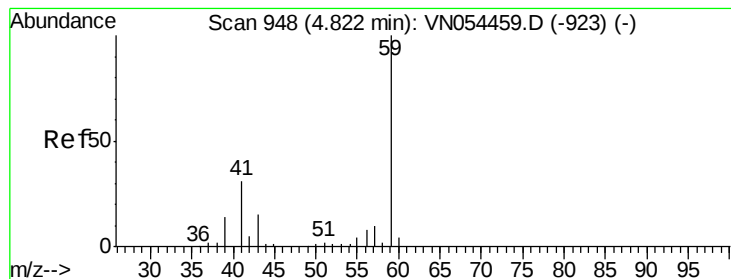
2000

0

Time-->

2.15 2.20 2.25



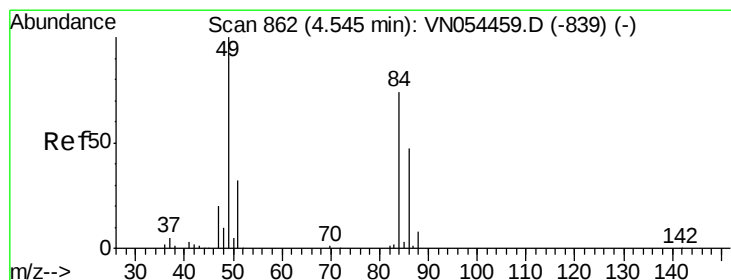
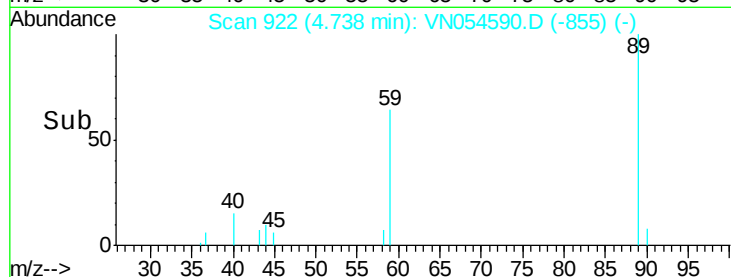
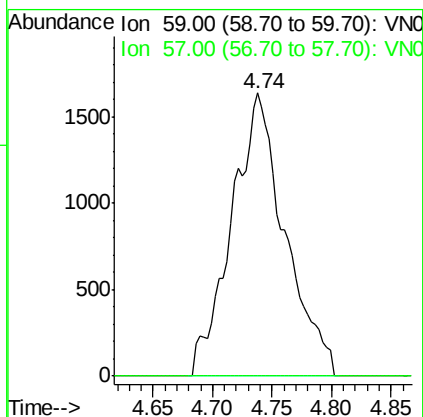
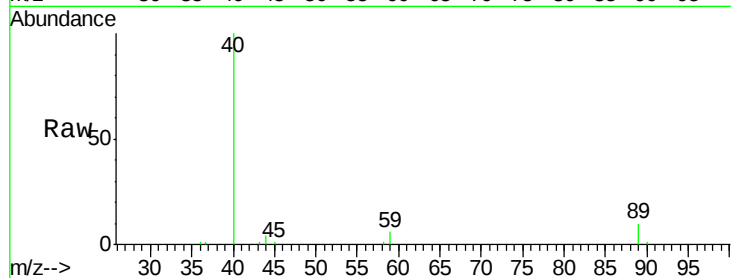


#11

Tert butyl alcohol
 Concen: 11.338 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.08 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

Instrument :
 MSVOA_N
 ClientSampled :

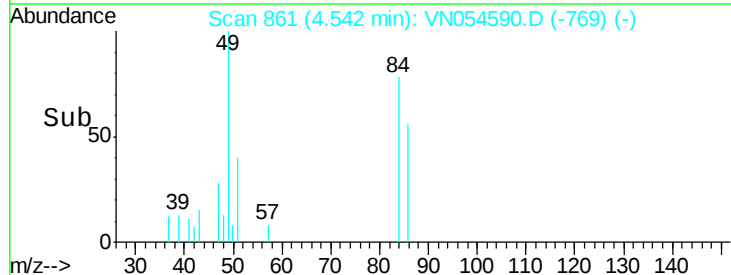
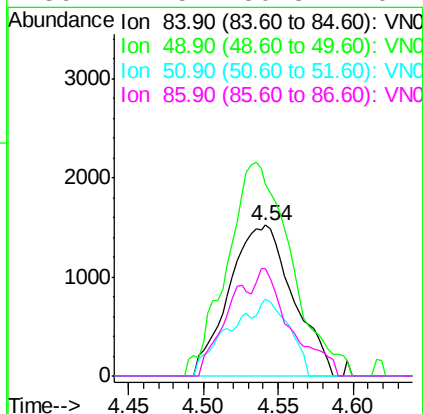
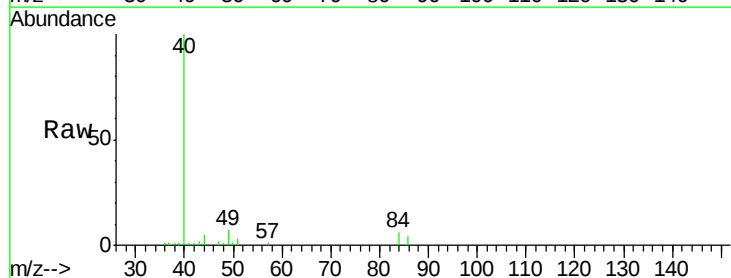
Tot Ion: 59 Resp: 5079
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

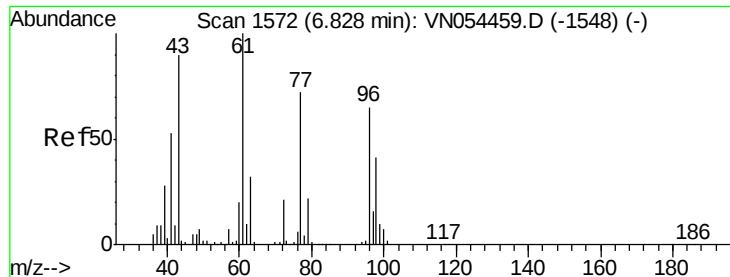


#20

Methylene Chloride
 Concen: 0.688 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

Tgt Ion: 84 Resp: 4513
 Ion Ratio Lower Upper
 84 100
 49 117.0 89.7 134.5
 51 51.3 28.2 42.4#
 86 71.5 50.8 76.2

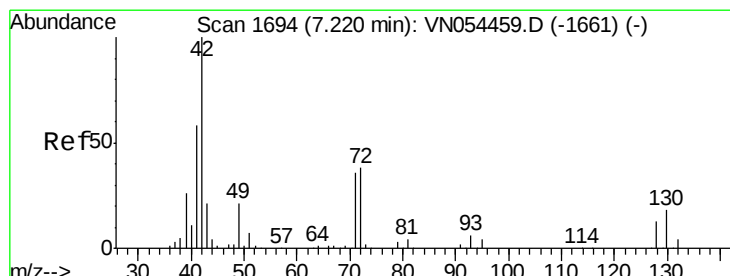
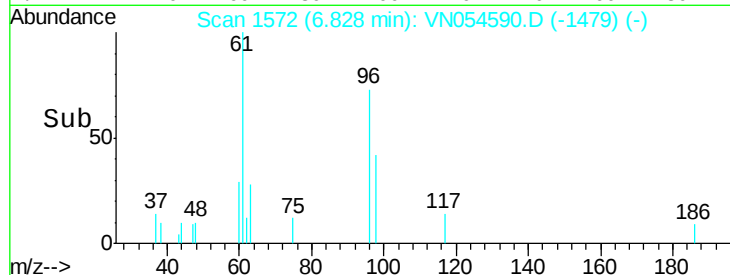
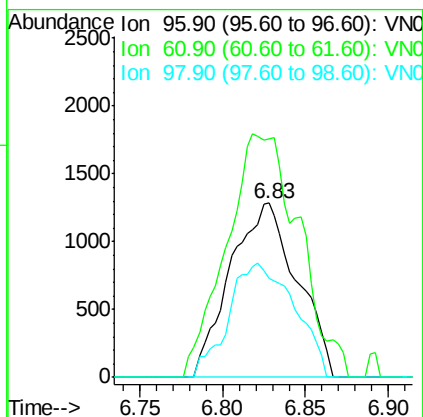
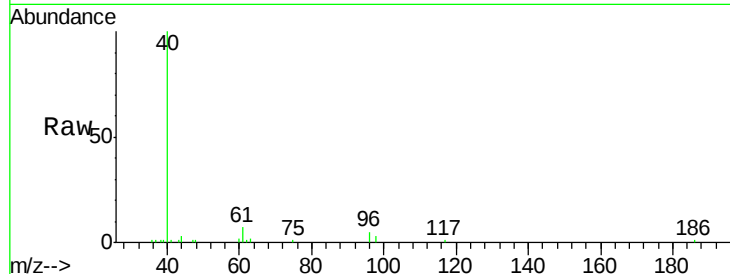




#27
 cis-1,2-Dichloroethene
 Concen: 0.514 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

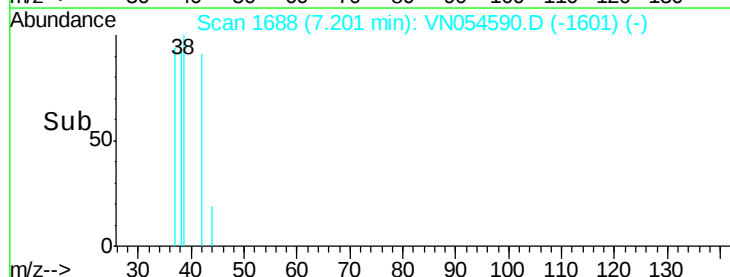
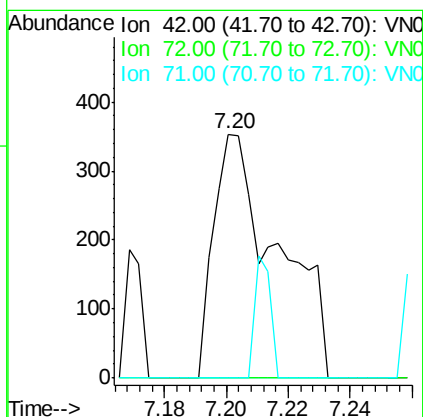
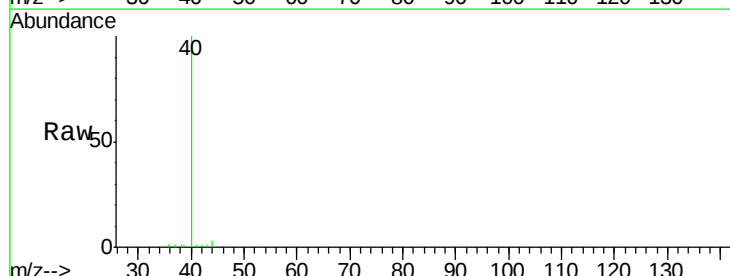
Instrument :
 MSVOA_N
 ClientSampleId :

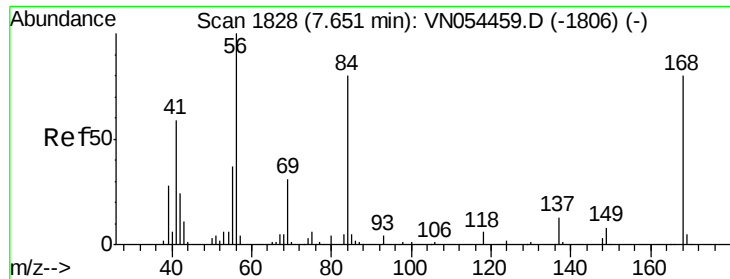
Tot Ion: 96 Resp: 3591
 Ion Ratio Lower Upper
 96 100
 61 152.1 0.0 273.0
 98 64.8 0.0 130.6



#29
 Tetrahydrofuran
 Concen: 0.274 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

Tgt Ion: 42 Resp: 507
 Ion Ratio Lower Upper
 42 100
 72 0.0 37.8 56.6#
 71 12.6 36.2 54.2#

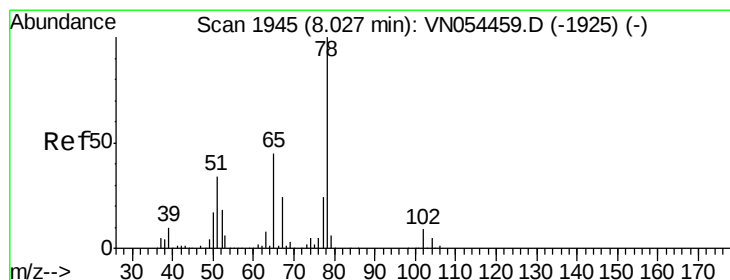
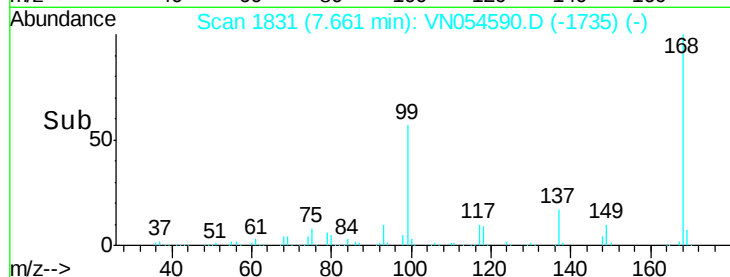
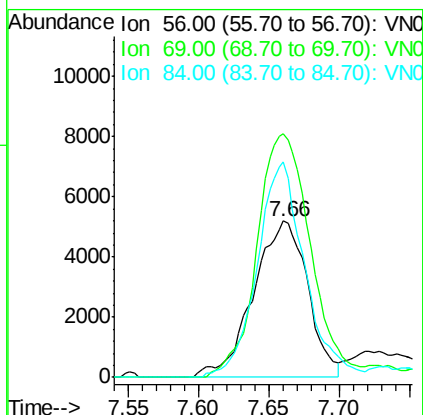
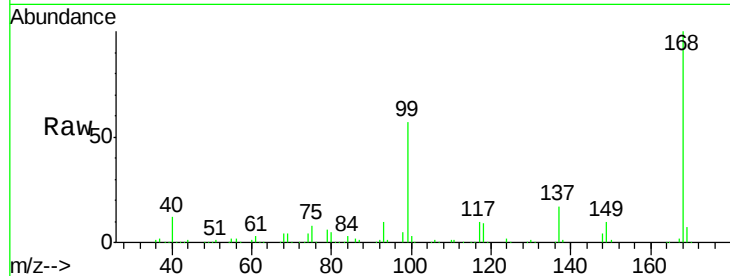




#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054590.D
Acq: 23 Mar 2019 6:55

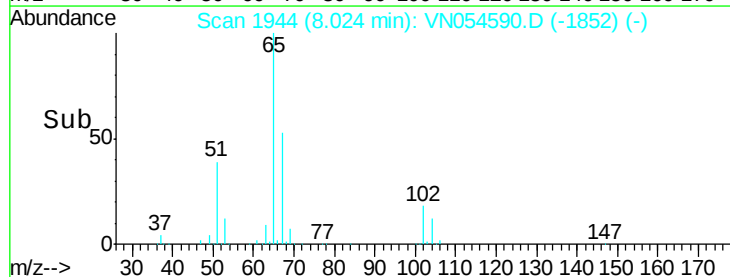
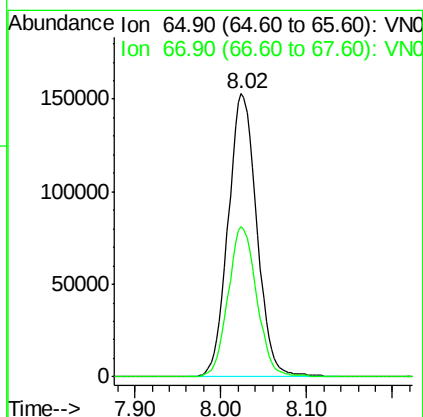
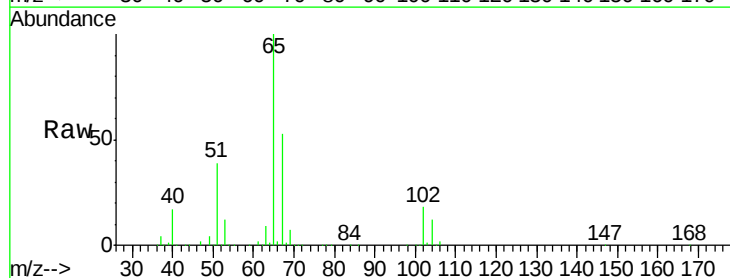
Instrument :
MSVOA_N
ClientSampled :

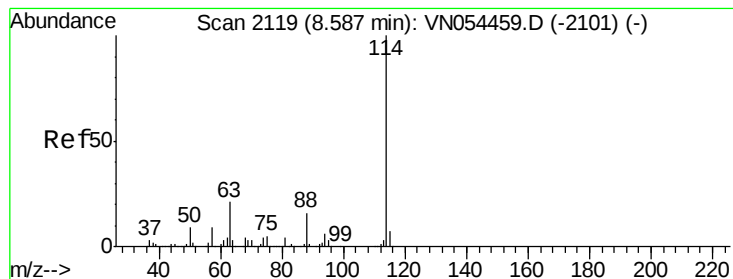
Tot Ion: 56 Resp: 13946
Ion Ratio Lower Upper
56 100
69 155.6 27.8 41.6#
84 137.9 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 47.920 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN054590.D
Acq: 23 Mar 2019 6:55

Tgt Ion: 65 Resp: 354553
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampled :

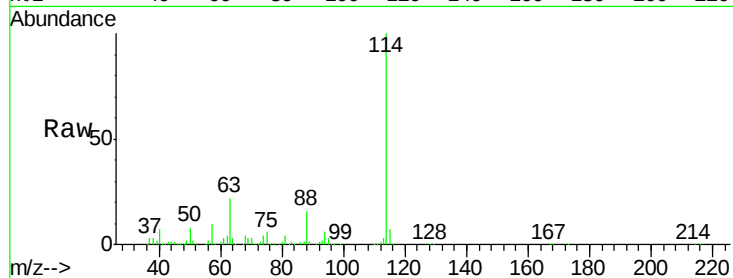
Tot Ion:114 Resp: 898288

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

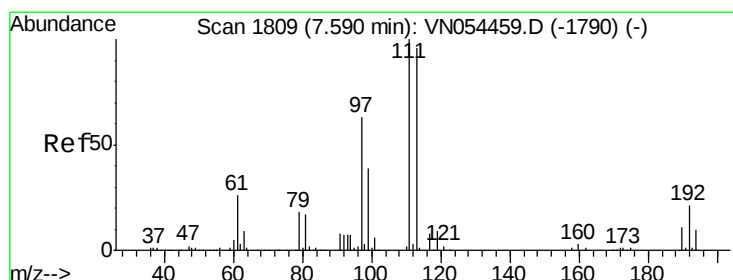
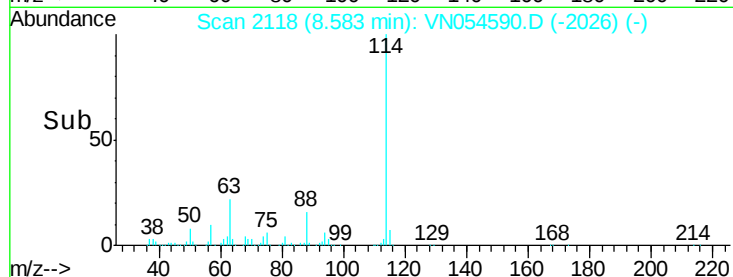
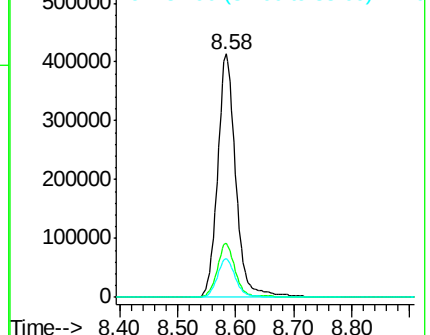
88 16.0 0.0 30.2



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: 45.128 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

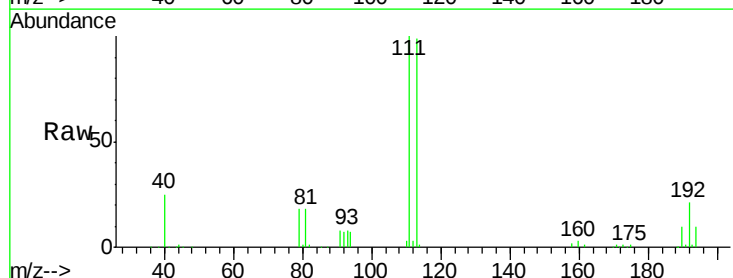
Tgt Ion:113 Resp: 261165

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

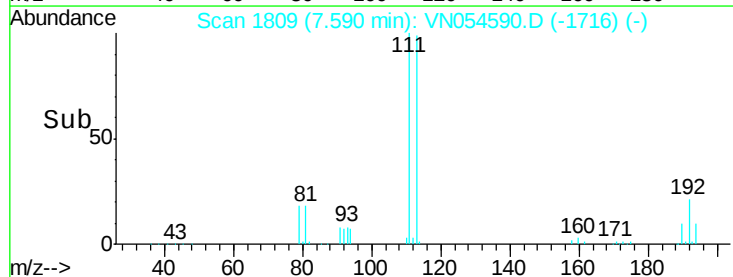
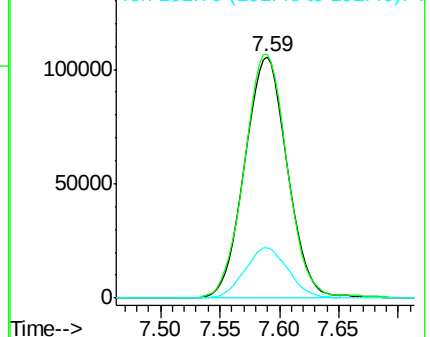
192 21.3 19.2 28.8

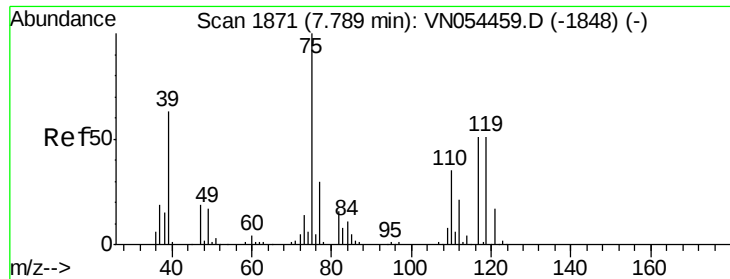


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

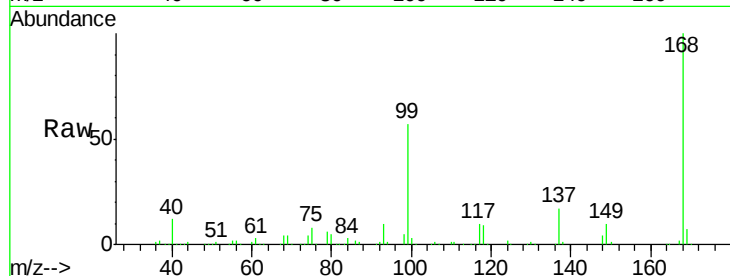




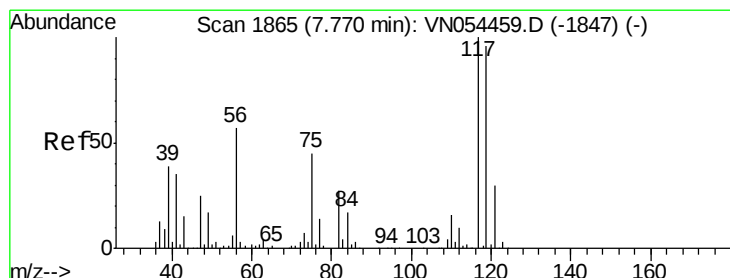
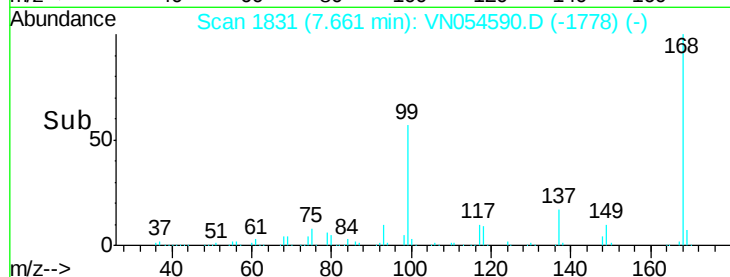
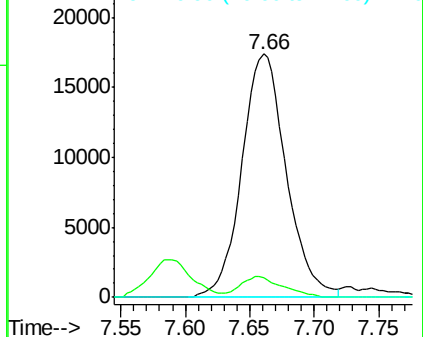
#36
 1,1-Dichloropropene
 Concen: 4.975 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	75	Resp	41784
Ion Ratio	Lower	Upper	
75	100		
110	8.2	19.1	57.5#
77	0.0	25.0	37.4#

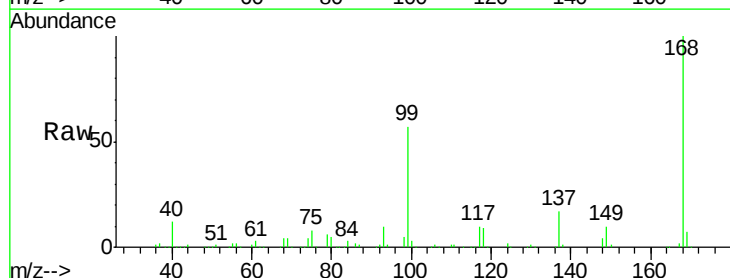


Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-1848) (-)

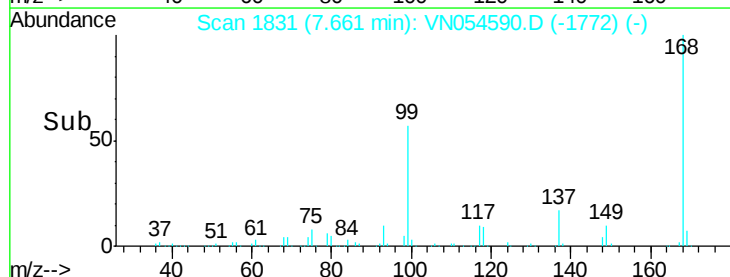
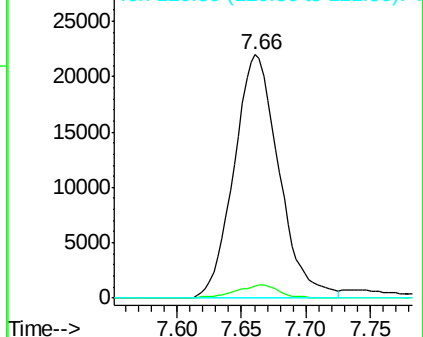


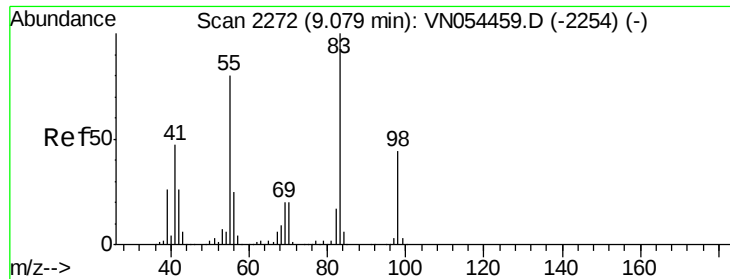
#38
 Carbon Tetrachloride
 Concen: 6.536 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

Tgt Ion	117	Resp	53346
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.0	76.3	114.5#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-1847) (-)

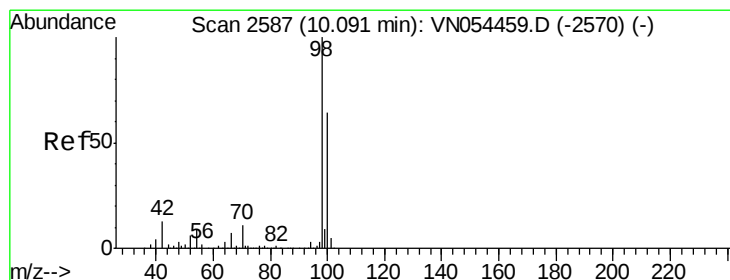
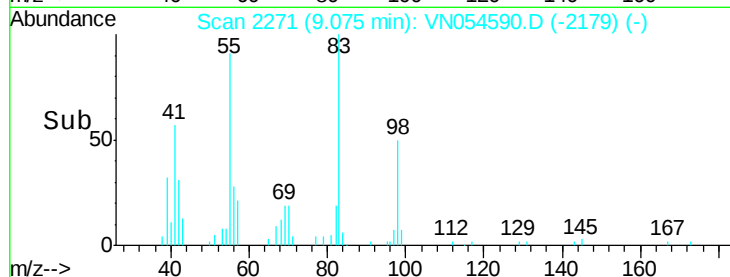
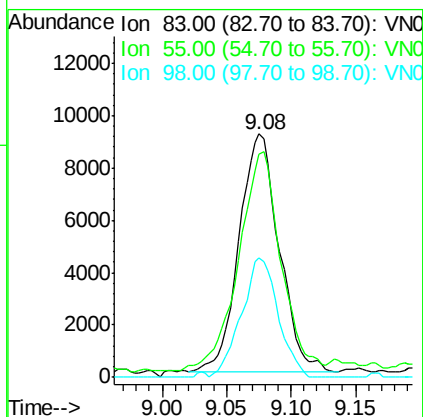
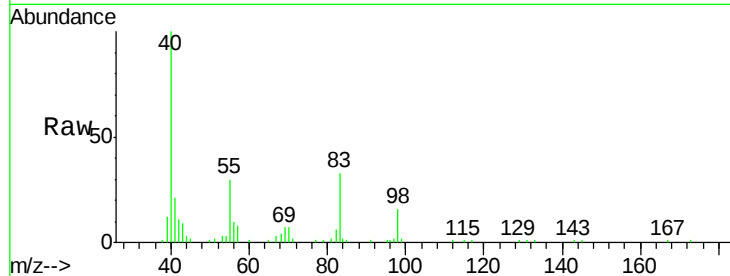




#39
Methylcyclohexane
Concen: 2.044 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054590.D
Acq: 23 Mar 2019 6:55

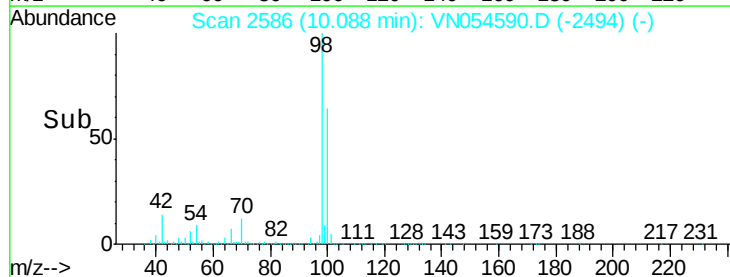
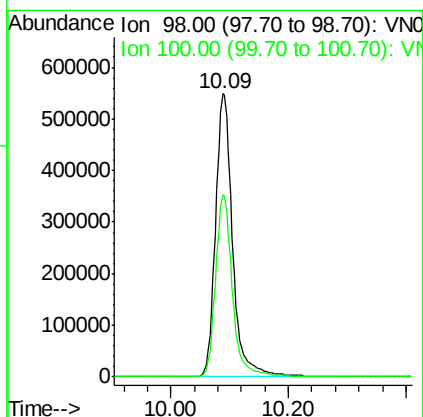
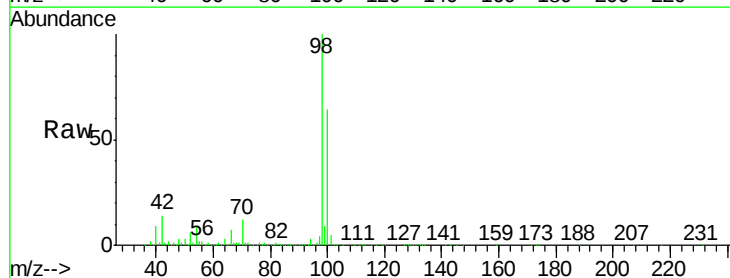
Instrument :
MSVOA_N
ClientSampled :

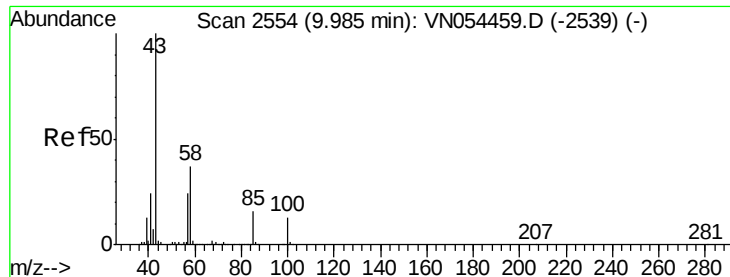
Tot Ion	83.00	Resp	19641
Ion	Ratio	Lower	Upper
83	100		
55	88.7	56.6	84.8#
98	50.4	38.4	57.6



#50
Toluene-d8
Concen: 50.557 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054590.D
Acq: 23 Mar 2019 6:55

Tgt Ion	98.00	Resp	1099926
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 0.584 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

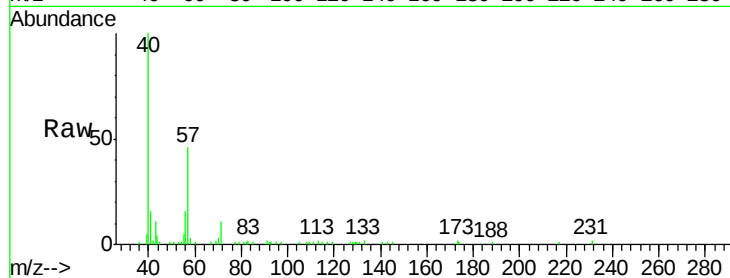
ClientSampleId :

Tot Ion: 43 Resp: 3263

Ion Ratio Lower Upper

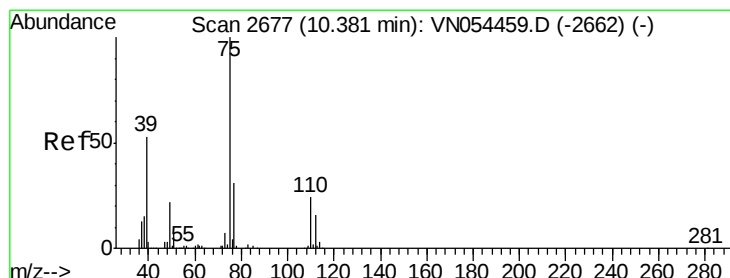
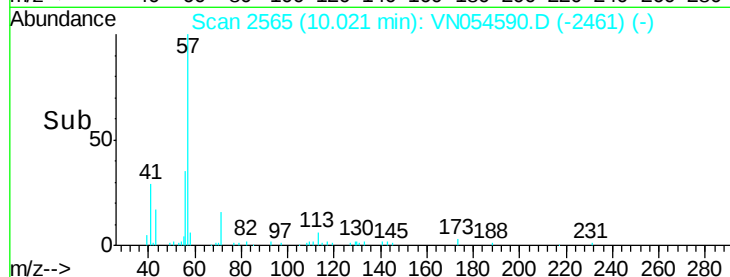
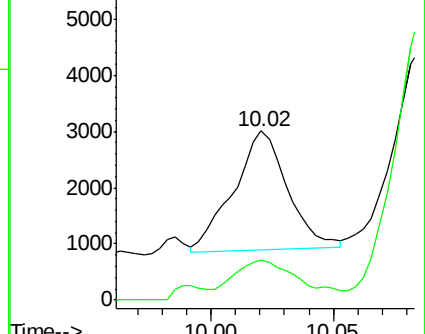
43 100

58 43.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.257 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.29 min

Lab File: VN054590.D

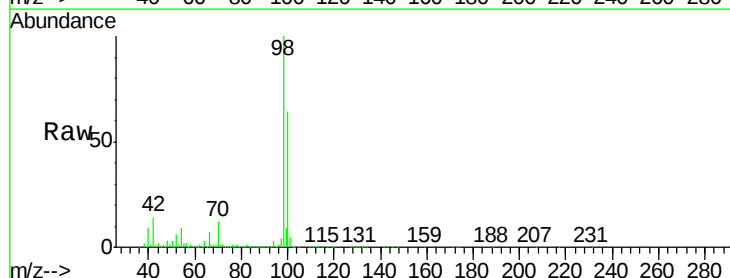
Acq: 23 Mar 2019 6:55

Tgt Ion: 75 Resp: 218

Ion Ratio Lower Upper

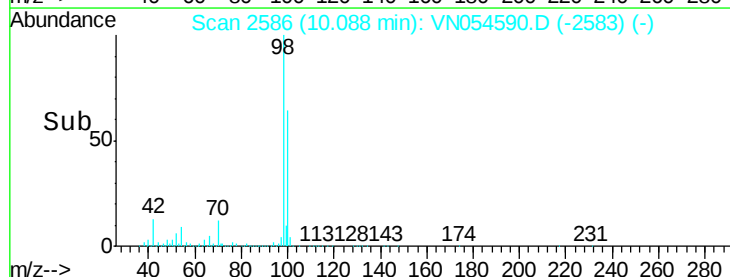
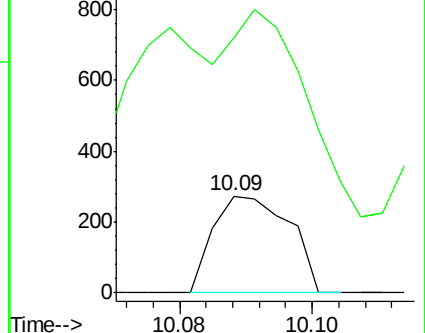
75 100

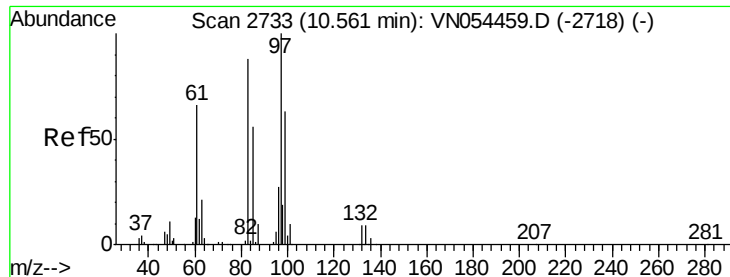
77 148.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

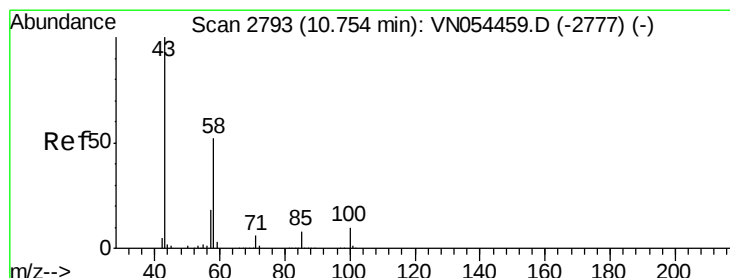
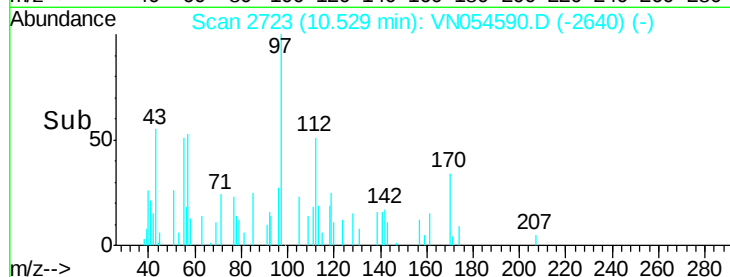
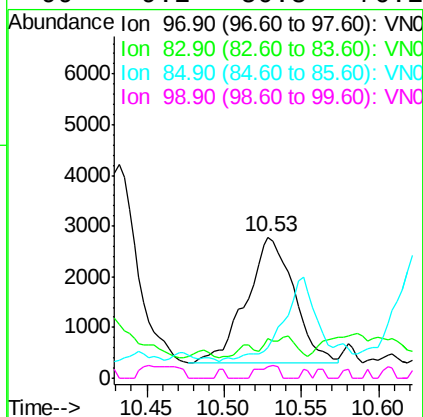
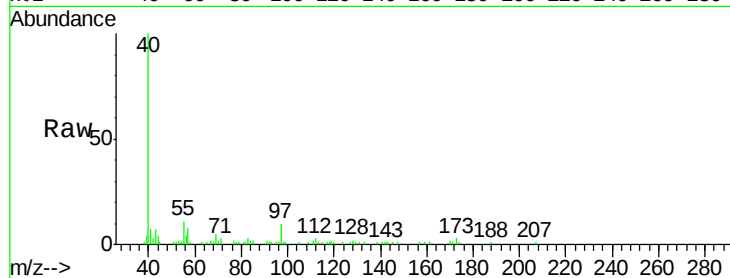




#55
 1,1,2-Trichloroethane
 Concen: 1.006 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

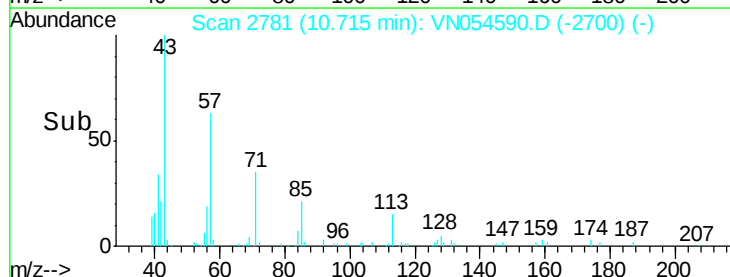
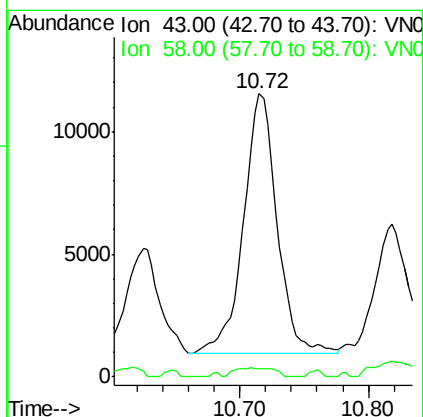
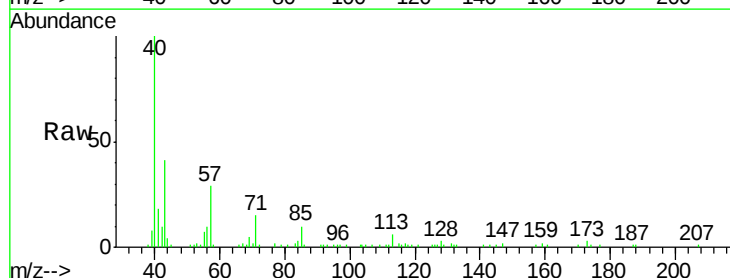
Instrument :
 MSVOA_N
 ClientSampleId :

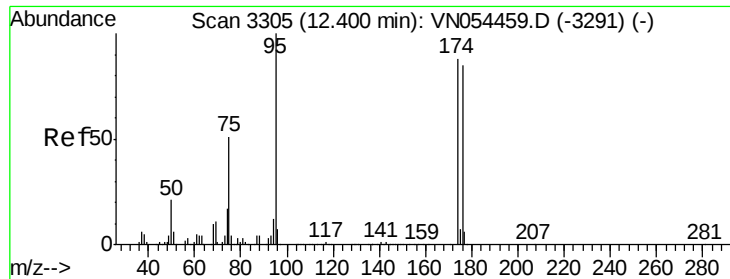
Tot Ion: 97 Resp: 5342
 Ion Ratio Lower Upper
 97 100
 83 13.6 66.6 100.0#
 85 6.4 44.4 66.6#
 99 9.2 50.8 76.2#



#59
 2-Hexanone
 Concen: 5.284 ug/l
 RT: 10.72 min Scan# 2781
 Delta R.T. -0.04 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

Tgt Ion: 43 Resp: 19298
 Ion Ratio Lower Upper
 43 100
 58 4.0 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 49.269 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

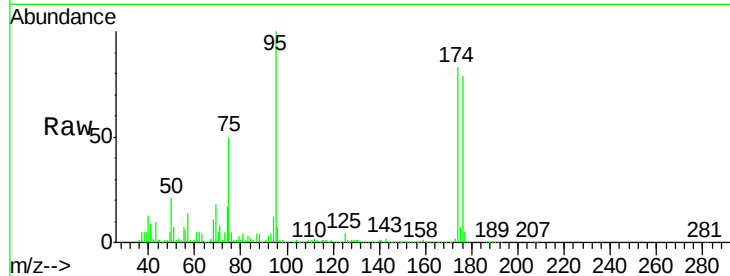
Tot Ion: 95 Resp: 364755

Ion Ratio Lower Upper

95 100

174 84.5 0.0 191.0

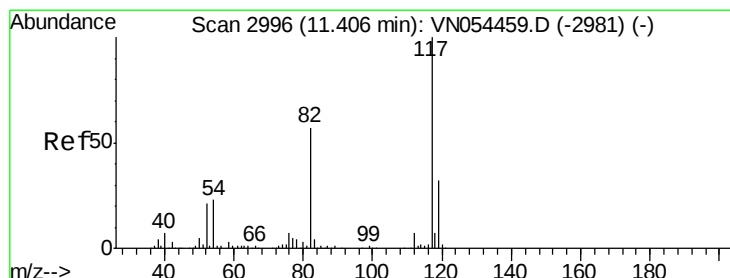
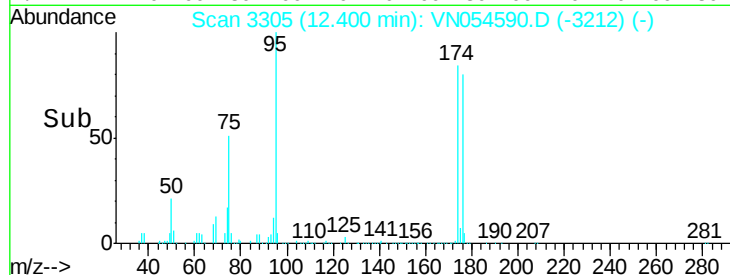
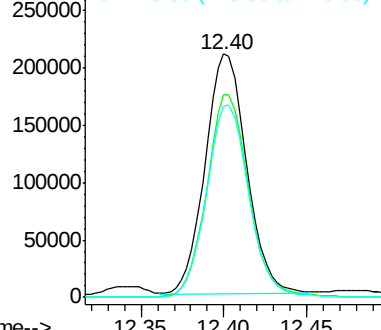
176 82.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

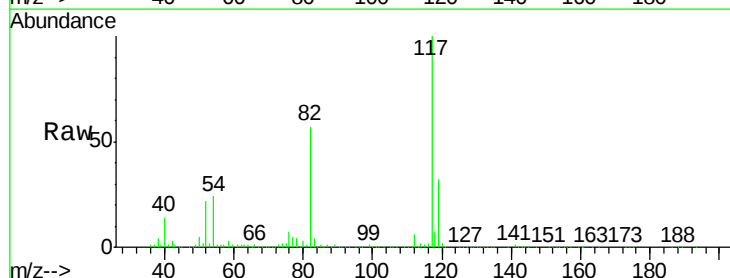
Tgt Ion: 117 Resp: 788555

Ion Ratio Lower Upper

117 100

82 56.5 40.0 60.0

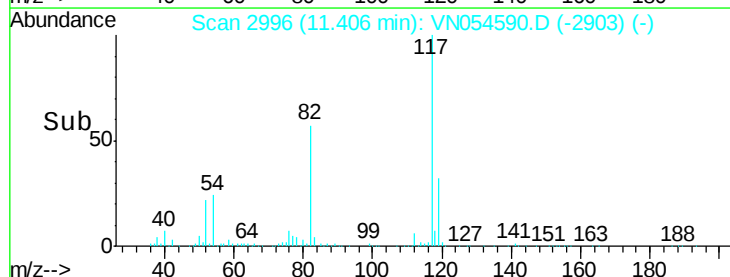
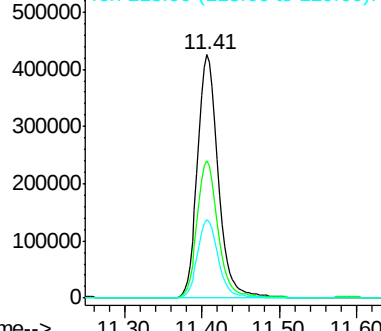
119 32.2 25.8 38.6

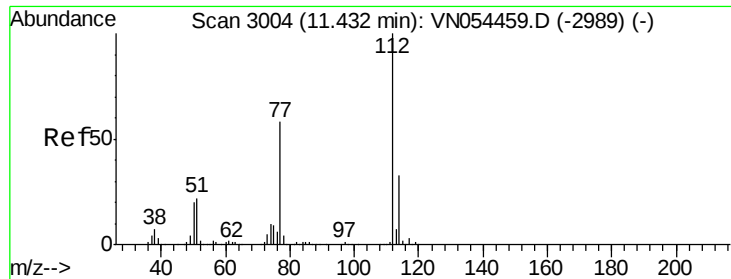


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#65

Chlorobenzene

Concen: 39.024 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

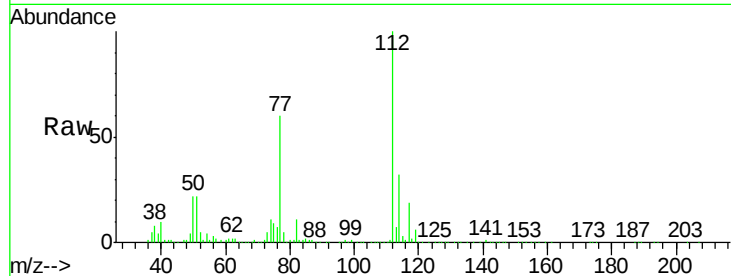
ClientSampled :

Tot Ion:112 Resp: 625884

Ion Ratio Lower Upper

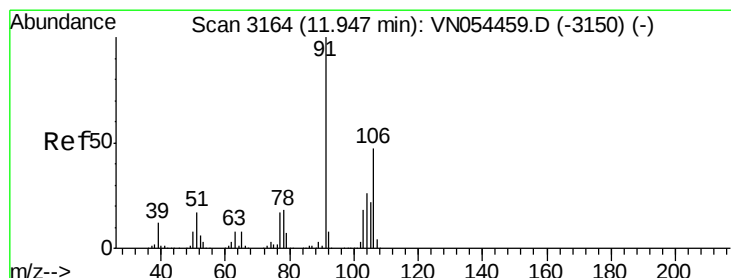
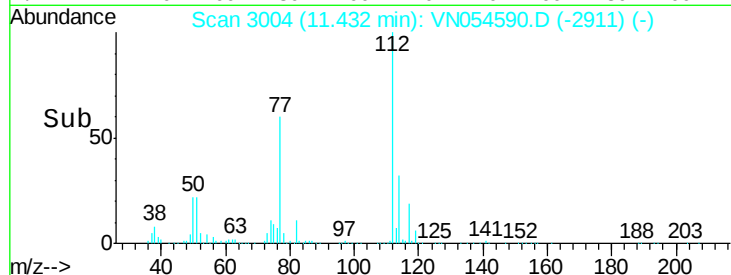
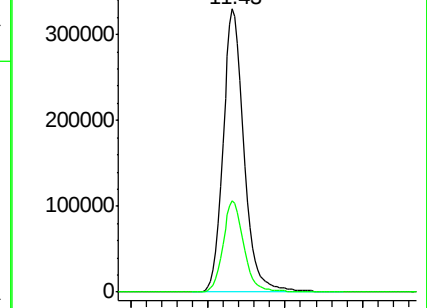
112 100

114 32.1 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#69

o-Xylene

Concen: 0.432 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN054590.D

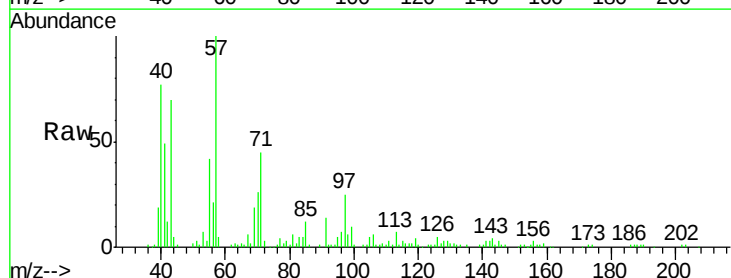
Acq: 23 Mar 2019 6:55

Tgt Ion:106 Resp: 4528

Ion Ratio Lower Upper

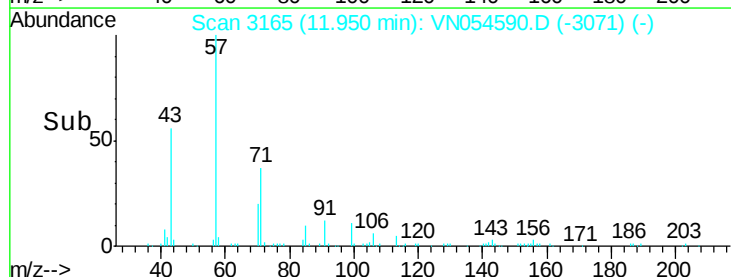
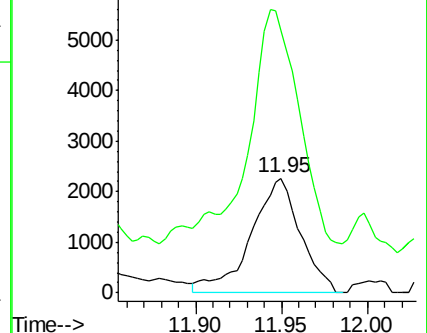
106 100

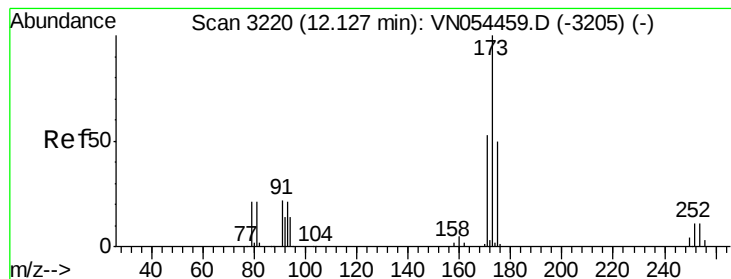
91 190.3 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 2.291 ug/l

RT: 12.13 min Scan# 3222

Delta R.T. 0.01 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

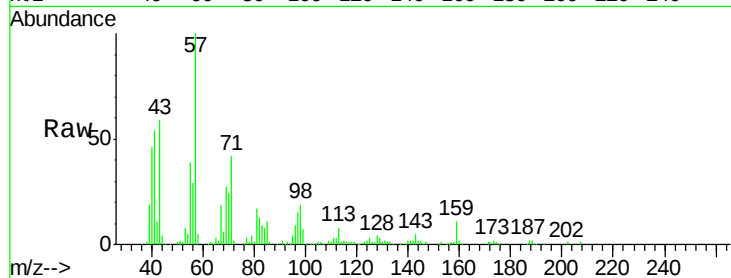
Tot Ion:173 Resp: 294

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

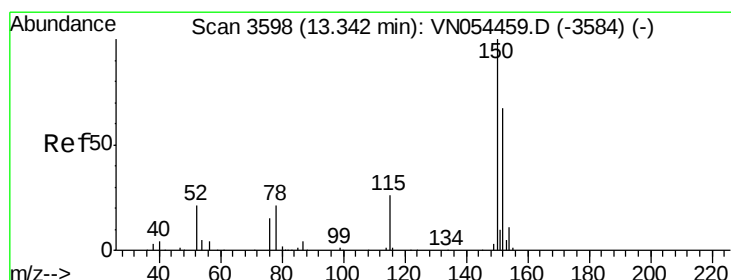
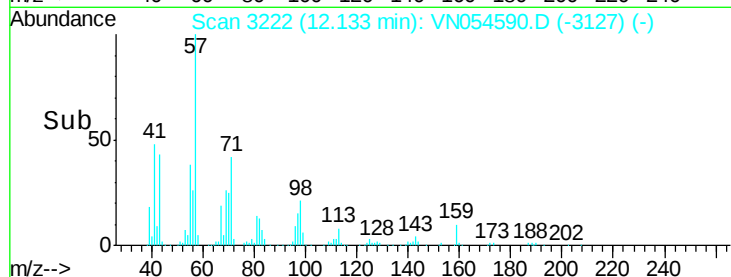
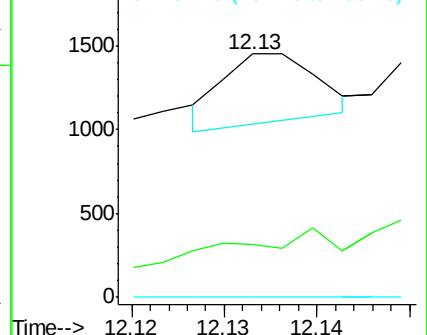
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

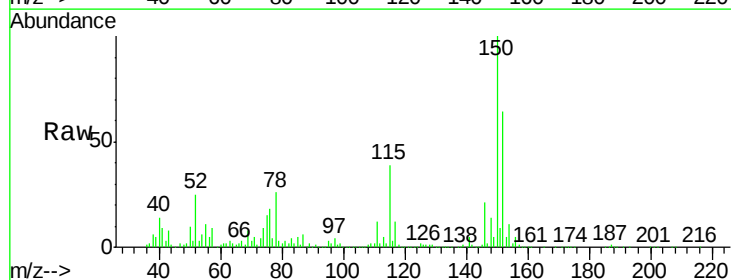
Tgt Ion:152 Resp: 364184

Ion Ratio Lower Upper

152 100

115 61.1 27.2 81.6

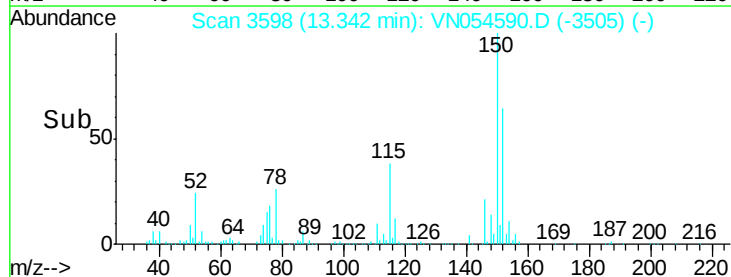
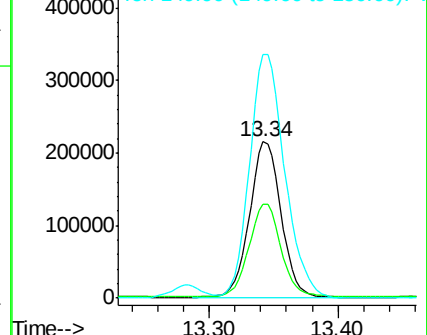
150 175.3 0.0 349.2

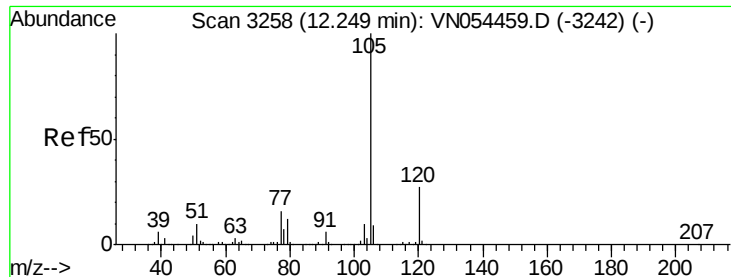


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.579 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

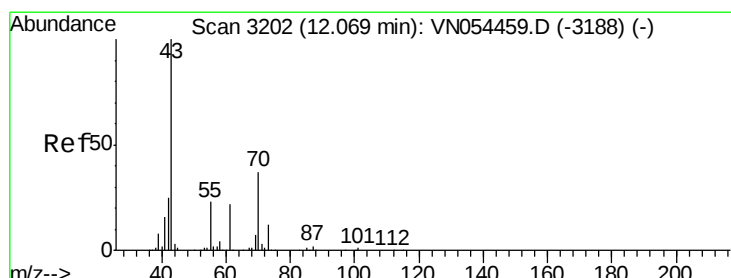
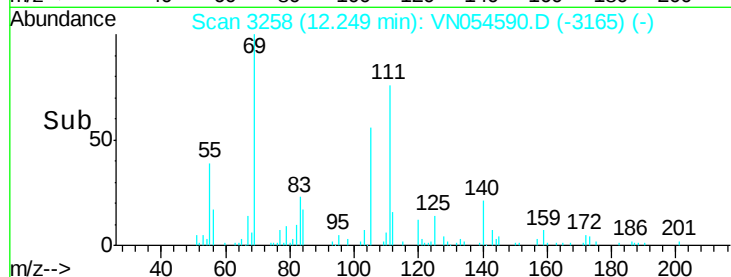
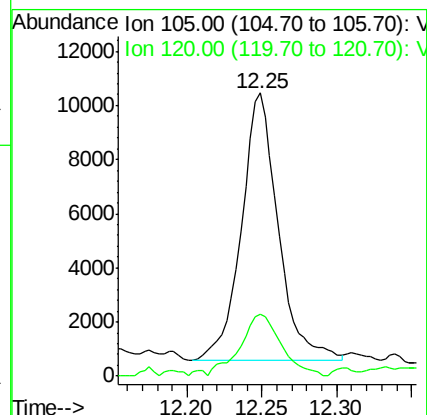
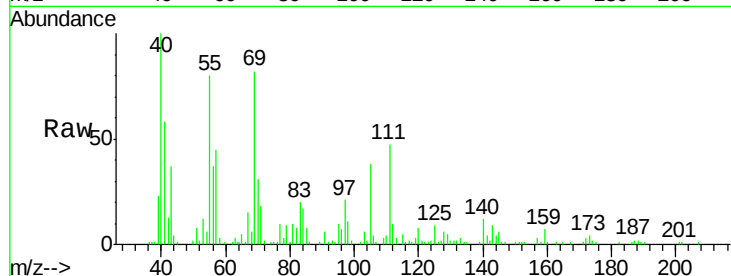
ClientSampled :

Tot Ion:105 Resp: 16993

Ion Ratio Lower Upper

105 100

120 25.7 13.8 41.3



#74

N-ethyl acetate

Concen: 22.554 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Tgt Ion: 43 Resp: 190318

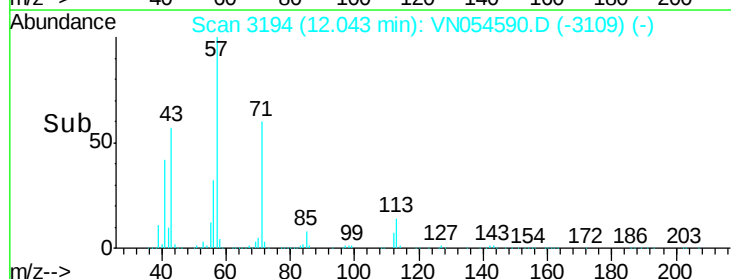
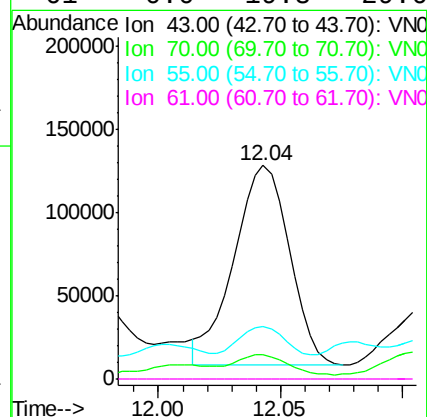
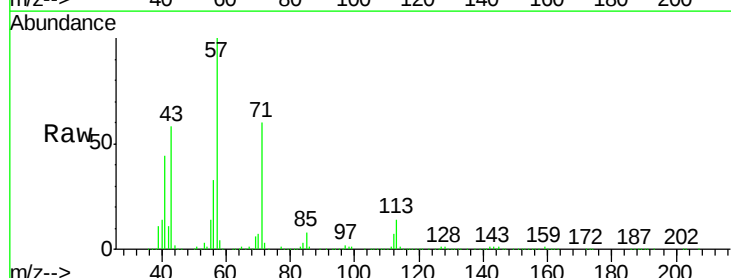
Ion Ratio Lower Upper

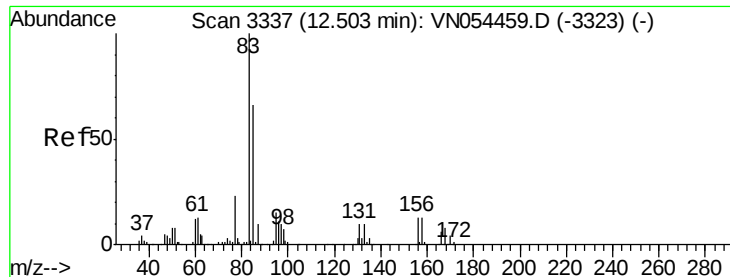
43 100

70 9.1 35.4 53.0#

55 12.0 19.8 29.6#

61 0.0 19.8 29.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.072 ug/l

RT: 12.46 min Scan# 3323

Delta R.T. -0.05 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampled :

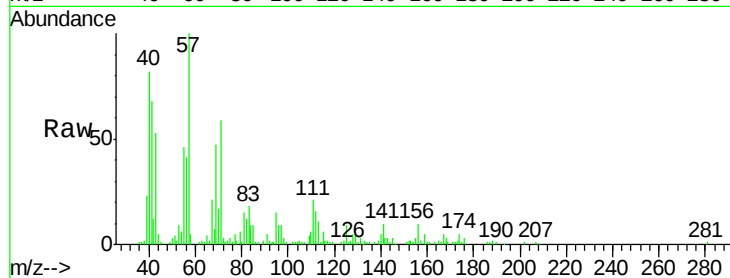
Tot Ion: 83 Resp: 7180

Ion Ratio Lower Upper

83 100

131 1.9 5.8 17.4#

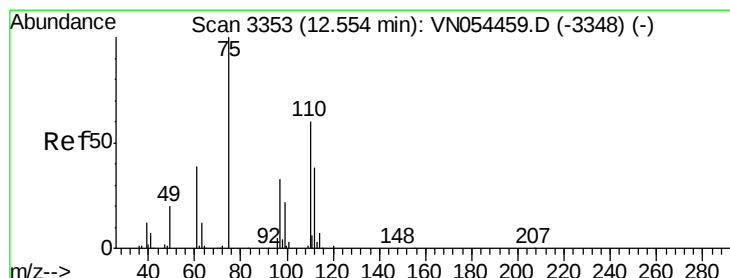
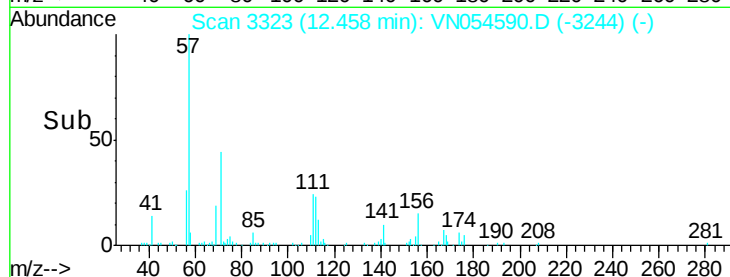
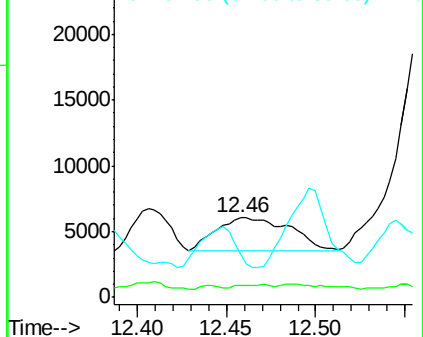
85 91.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.181 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054590.D

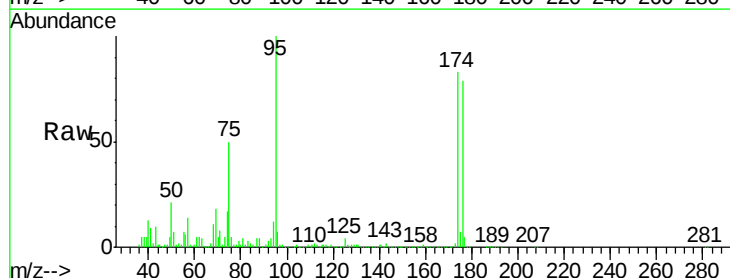
Acq: 23 Mar 2019 6:55

Tgt Ion: 75 Resp: 191756

Ion Ratio Lower Upper

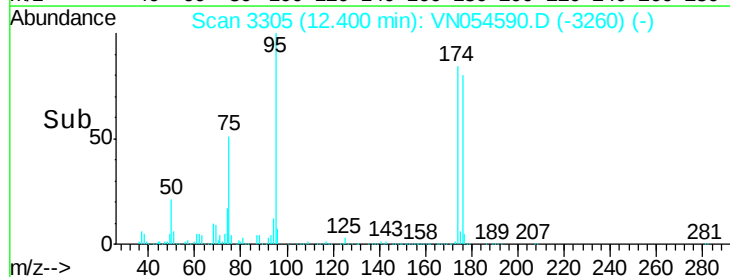
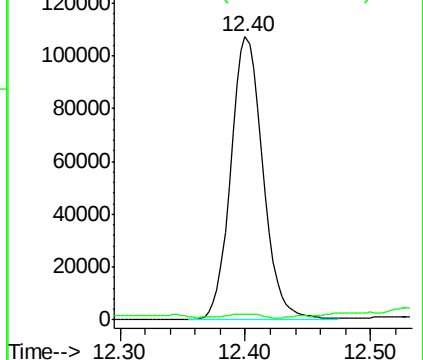
75 100

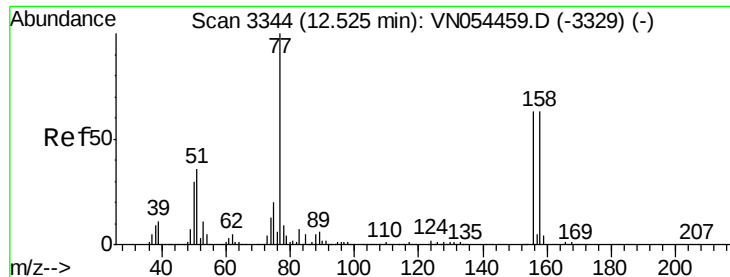
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 28.670 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.02 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampled :

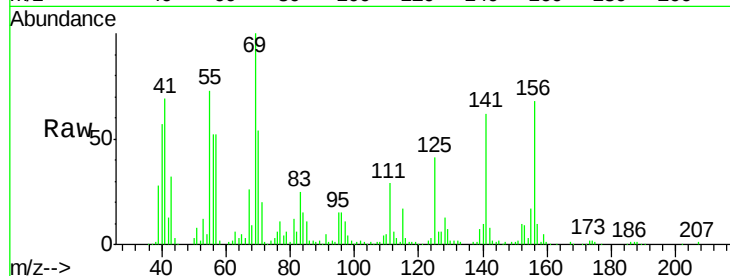
Tot Ion:156 Resp: 208671

Ion Ratio Lower Upper

156 100

77 7.5 81.5 244.4#

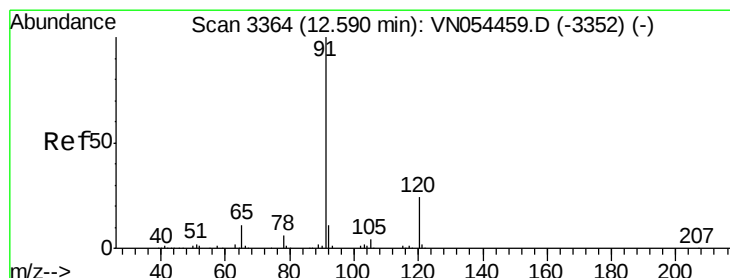
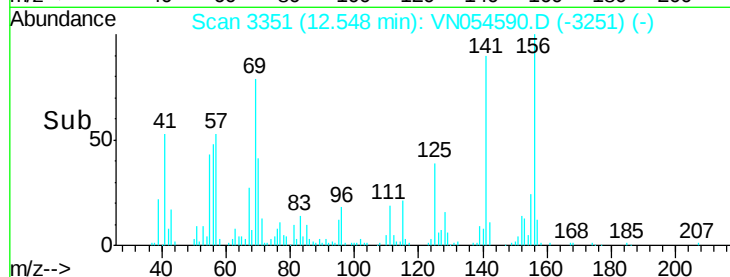
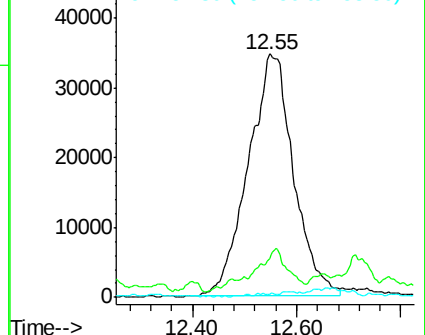
158 0.0 49.0 147.2#



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: 0.205 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054590.D

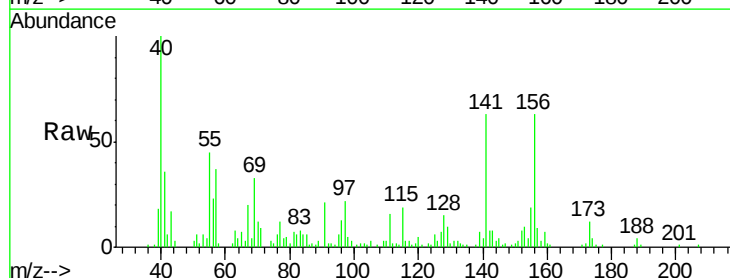
Acq: 23 Mar 2019 6:55

Tgt Ion: 91 Resp: 6532

Ion Ratio Lower Upper

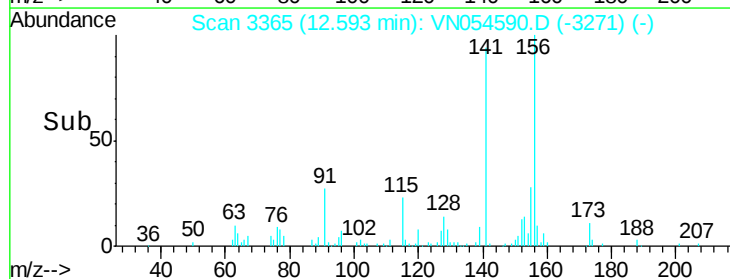
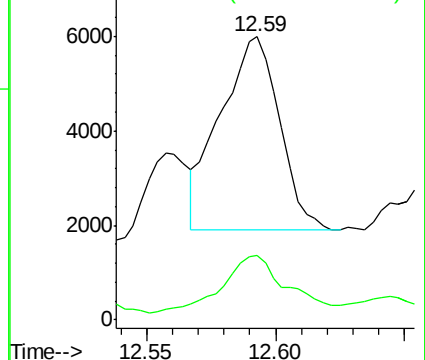
91 100

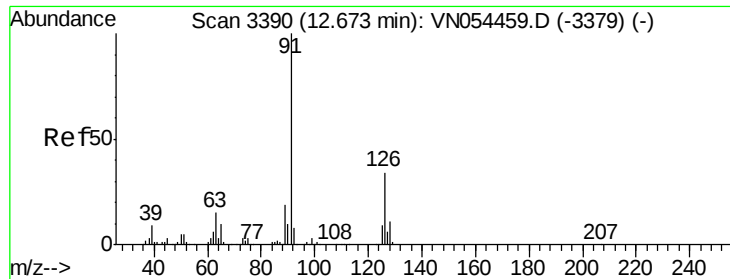
120 35.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.345 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

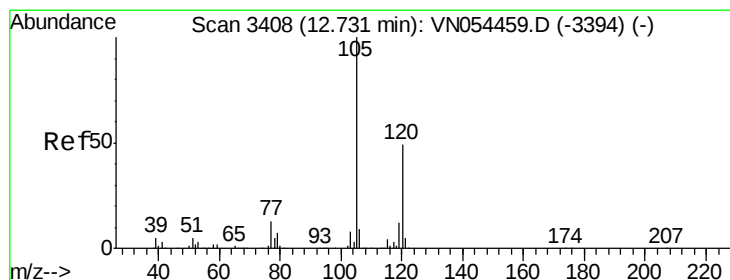
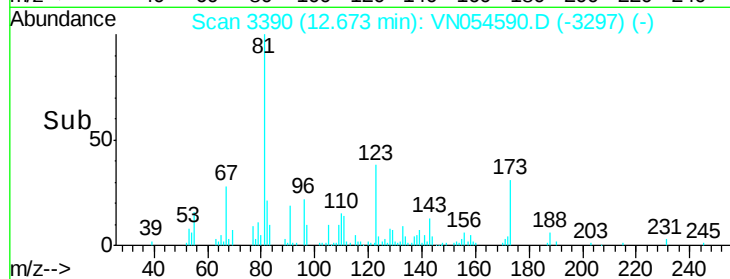
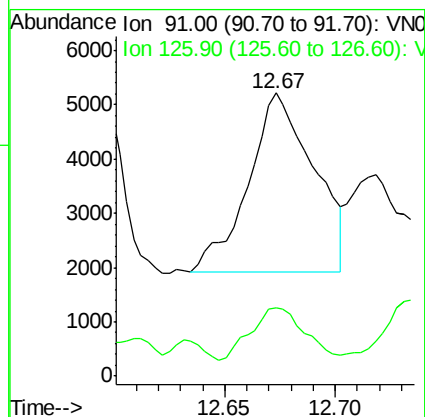
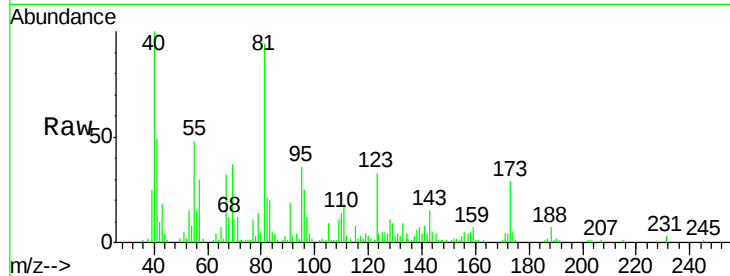
ClientSampled :

Tot Ion: 91 Resp: 6844

Ion Ratio Lower Upper

91 100

126 23.8 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 0.831 ug/l

RT: 12.89 min Scan# 3458

Delta R.T. 0.16 min

Lab File: VN054590.D

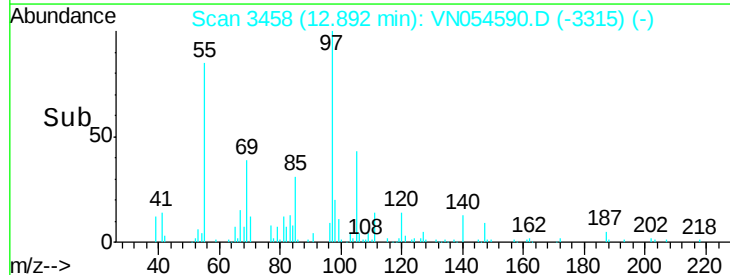
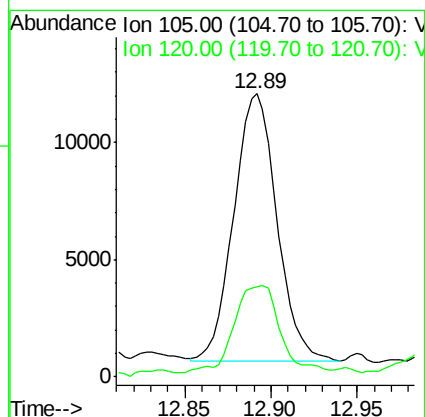
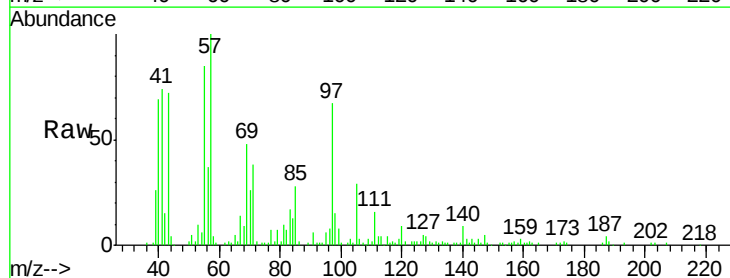
Acq: 23 Mar 2019 6:55

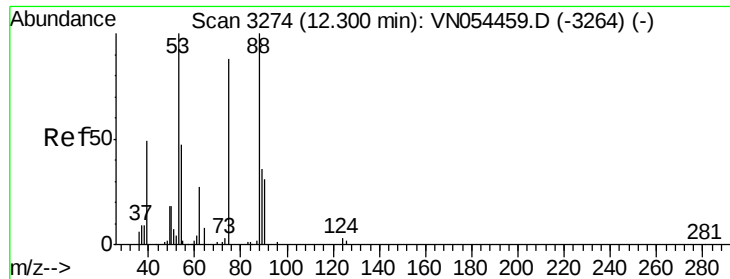
Tgt Ion: 105 Resp: 19993

Ion Ratio Lower Upper

105 100

120 35.8 25.0 75.0

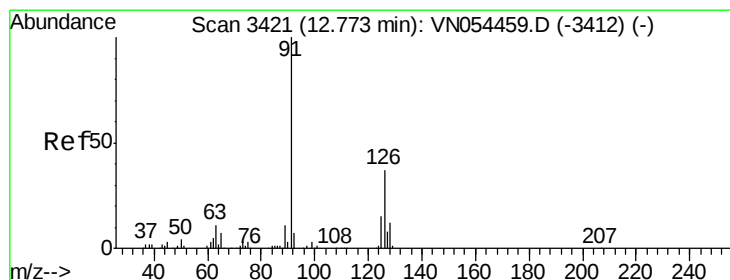
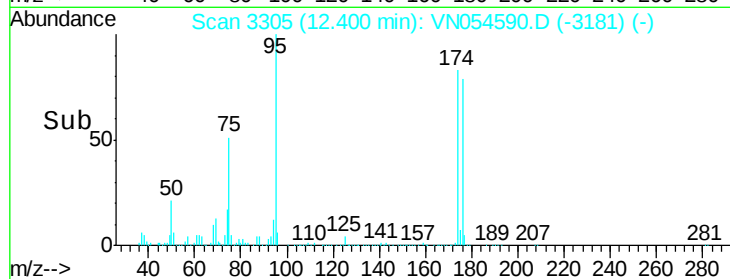
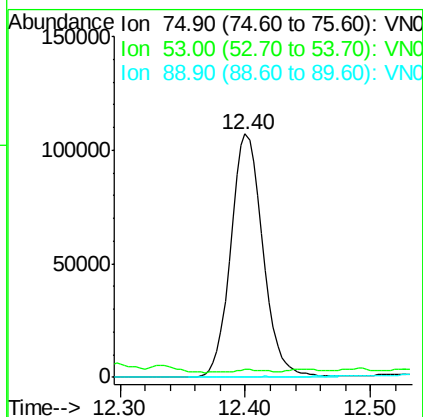
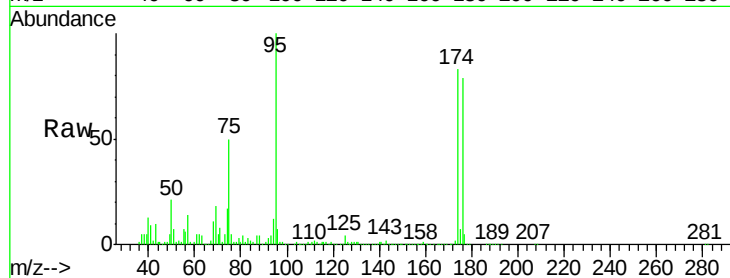




#81
trans-1,4-Dichloro-2-butene
Concen: 110.303 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054590.D
Acq: 23 Mar 2019 6:55

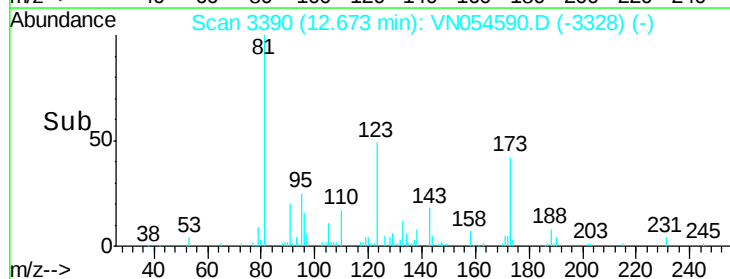
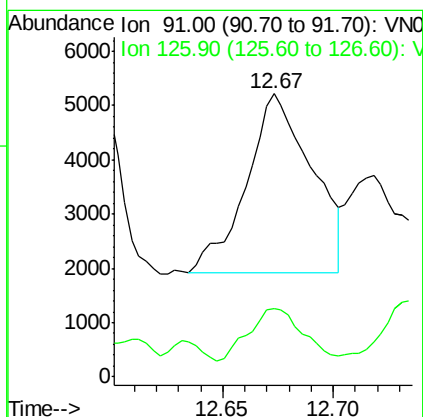
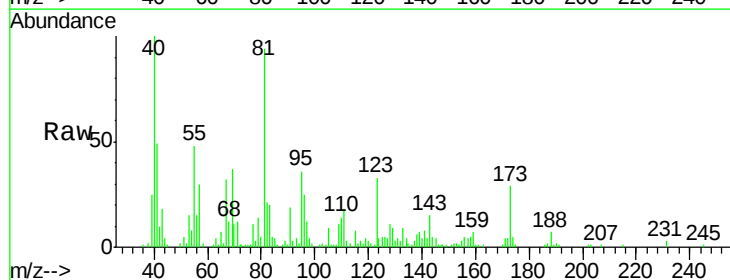
Instrument :
MSVOA_N
ClientSampled :

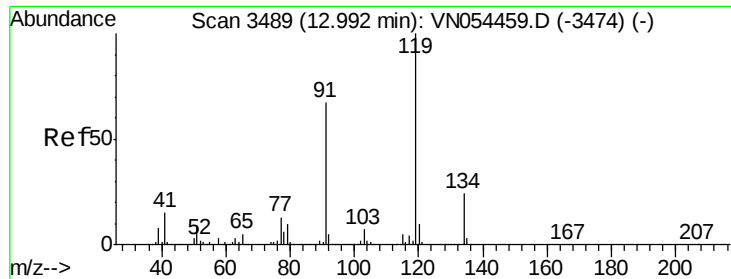
Tot Ion: 75 Resp: 191756
Ion Ratio Lower Upper
75 100
53 1.1 76.2 114.2#
89 0.2 39.2 58.8#



#82
4-Chlorotoluene
Concen: 0.356 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.10 min
Lab File: VN054590.D
Acq: 23 Mar 2019 6:55

Tgt Ion: 91 Resp: 6844
Ion Ratio Lower Upper
91 100
126 23.8 18.1 54.1





#83

tert-Butylbenzene

Concen: 0.697 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampled :

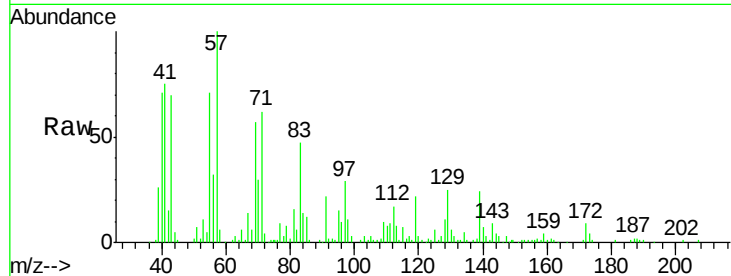
Tot Ion:119 Resp: 14590

Ion Ratio Lower Upper

119 100

91 80.5 30.9 92.8

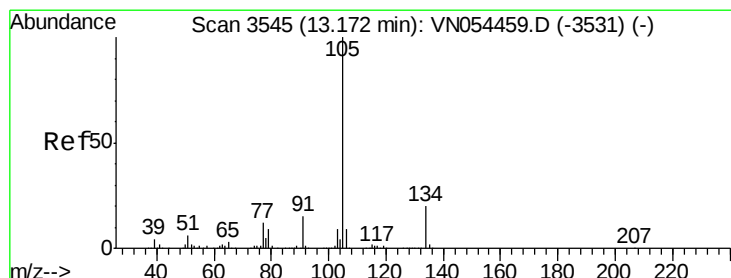
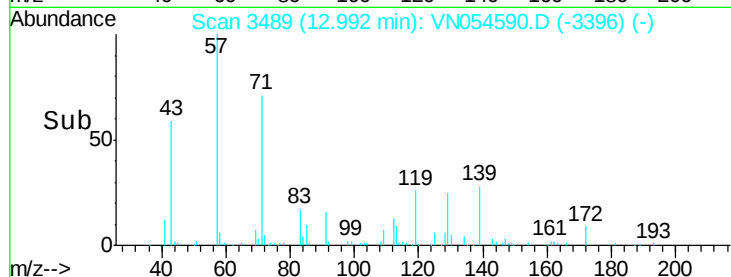
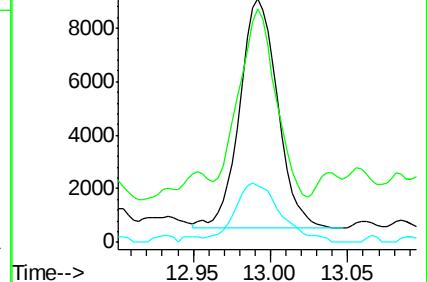
134 31.5 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 2.401 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054590.D

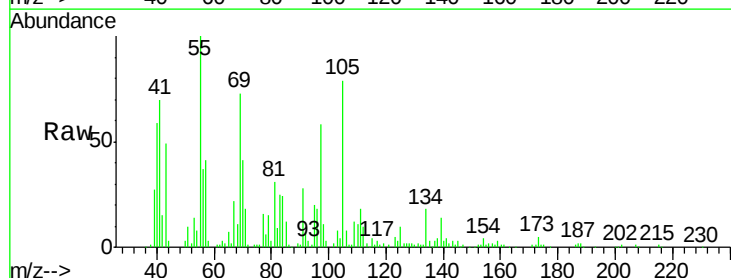
Acq: 23 Mar 2019 6:55

Tgt Ion:105 Resp: 62672

Ion Ratio Lower Upper

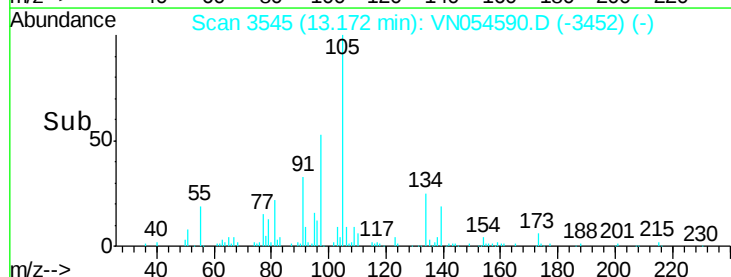
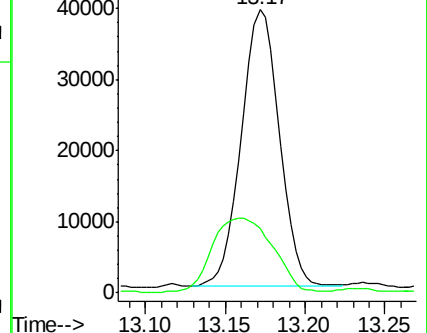
105 100

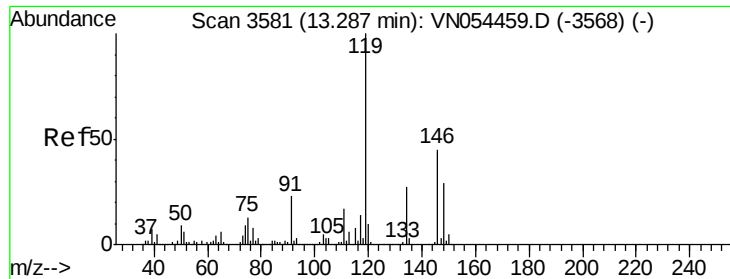
134 44.1 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

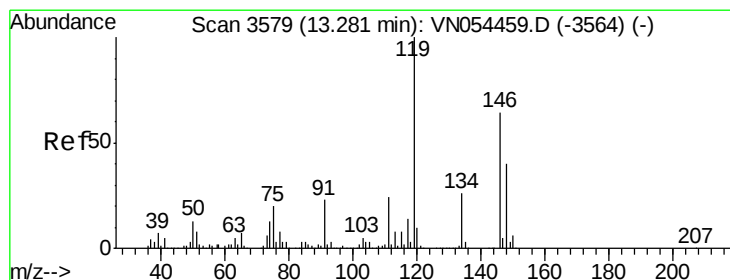
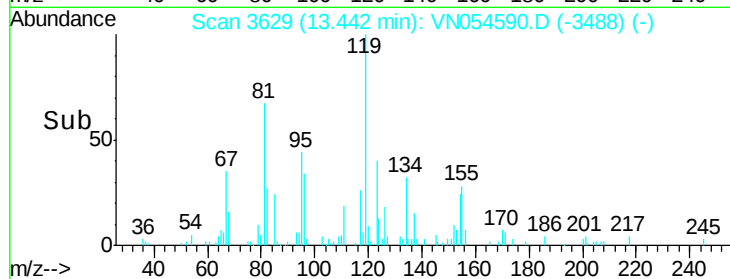
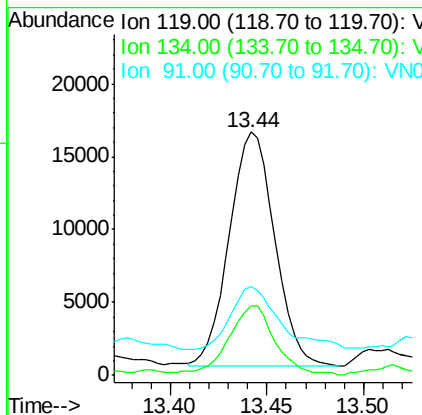
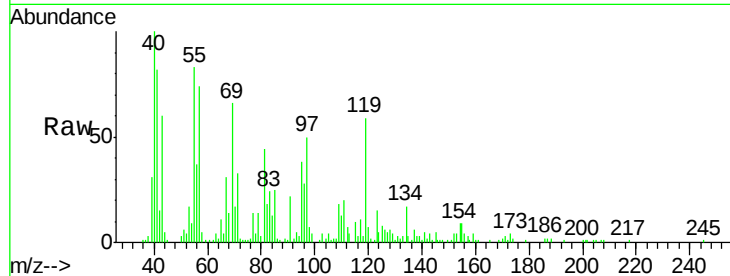




#86
p-Isopropyltoluene
Concen: 1.115 ug/l
RT: 13.44 min Scan# 3629
Delta R.T. 0.15 min
Lab File: VN054590.D
Acq: 23 Mar 2019 6:55

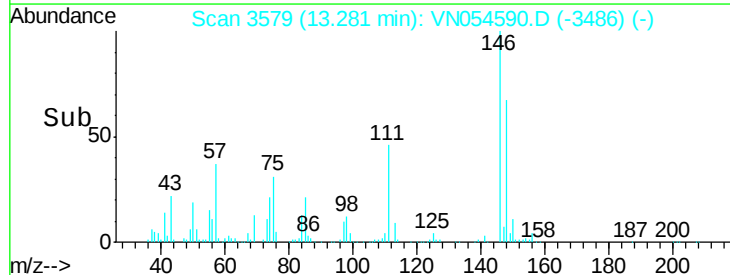
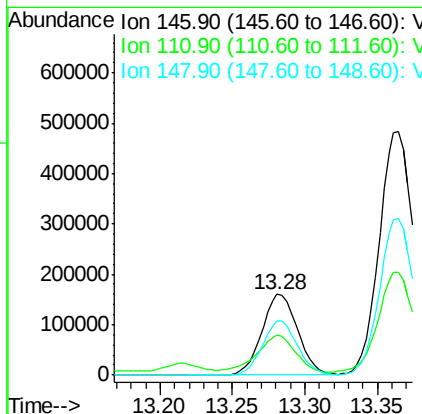
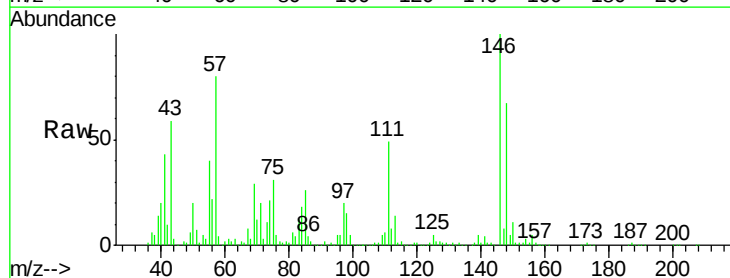
Instrument :
MSVOA_N
ClientSampleId :

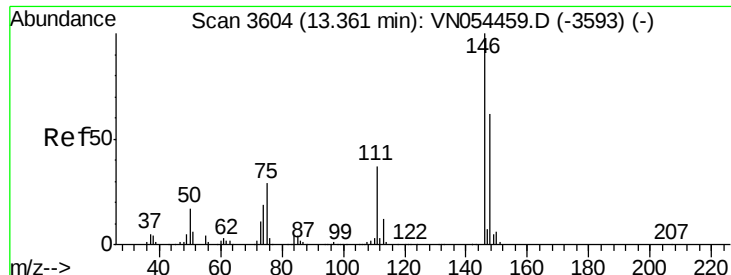
Tot Ion:119 Resp: 26037
Ion Ratio Lower Upper
119 100
134 31.1 13.6 40.8
91 29.1 11.1 33.3



#87
1,3-Dichlorobenzene
Concen: 22.744 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN054590.D
Acq: 23 Mar 2019 6:55

Tgt Ion:146 Resp: 274328
Ion Ratio Lower Upper
146 100
111 47.4 18.8 56.3
148 66.0 32.2 96.6

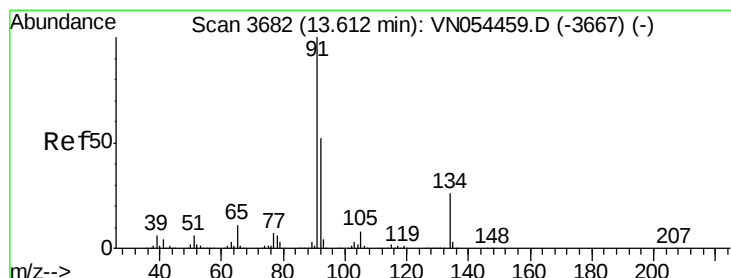
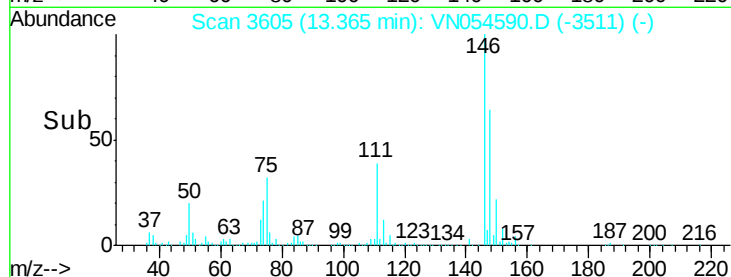
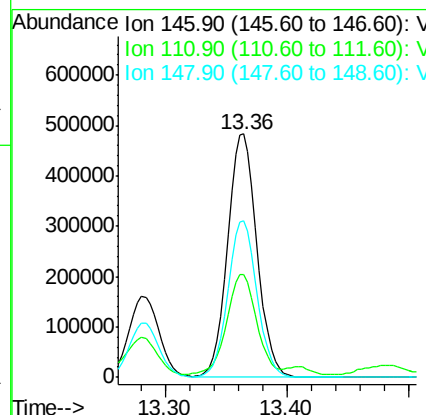
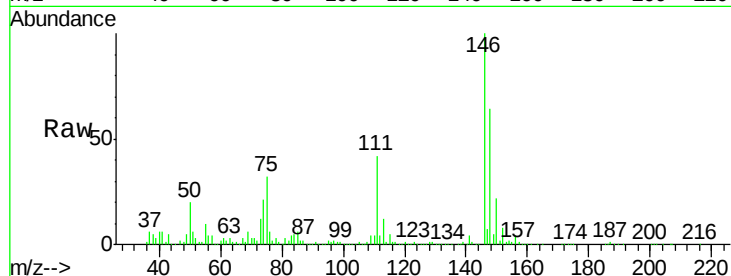




#88
 1,4-Dichlorobenzene
 Concen: 69.234 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

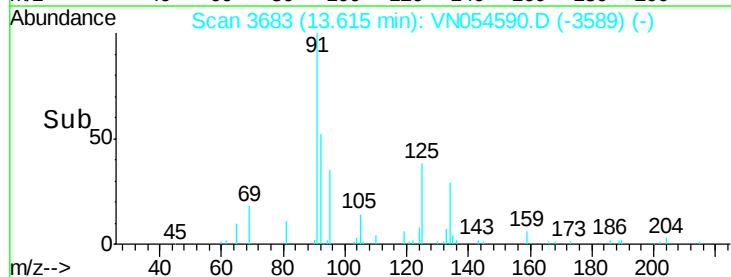
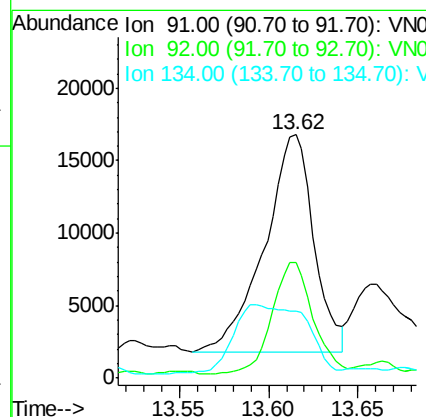
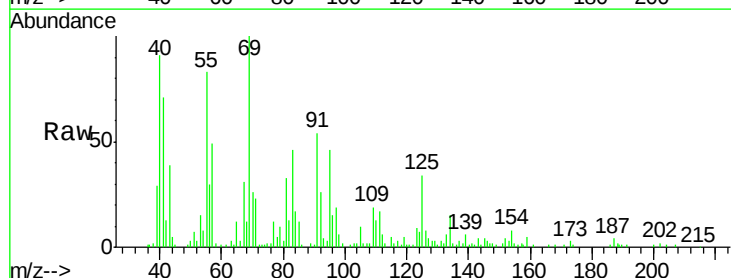
Instrument :
 MSVOA_N
 ClientSampleId :

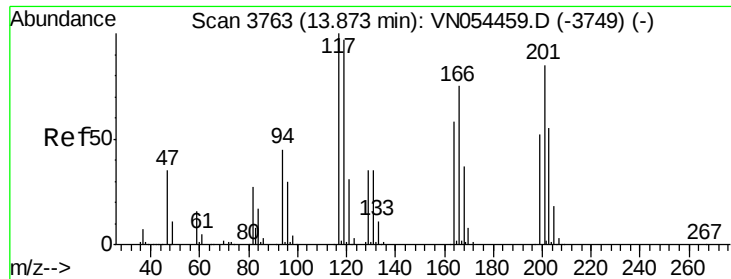
Tot Ion:146 Resp: 812487
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.1 54.1
 148 64.0 32.0 96.0



#89
 n-Butylbenzene
 Concen: 1.579 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN054590.D
 Acq: 23 Mar 2019 6:55

Tgt Ion: 91 Resp: 28822
 Ion Ratio Lower Upper
 91 100
 92 43.2 26.2 78.6
 134 0.0 14.3 42.9#





#90

Hexachloroethane

Concen: 0.526 ug/l

RT: 13.80 min Scan# 3740

Delta R.T. -0.07 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

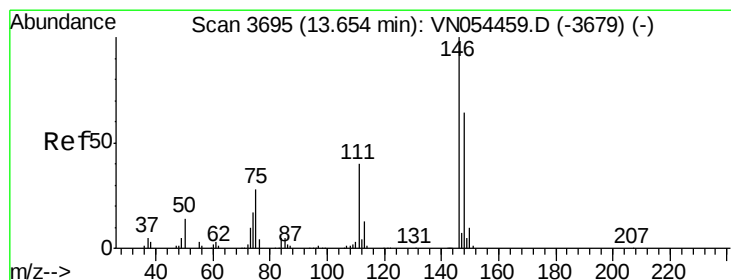
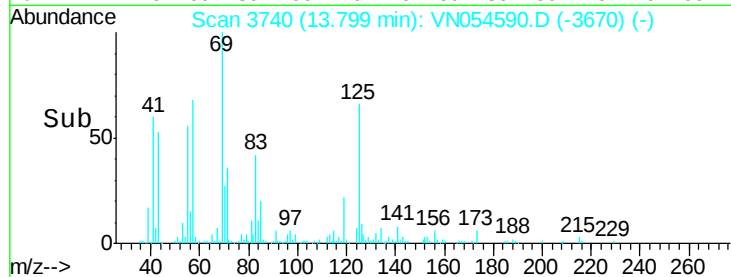
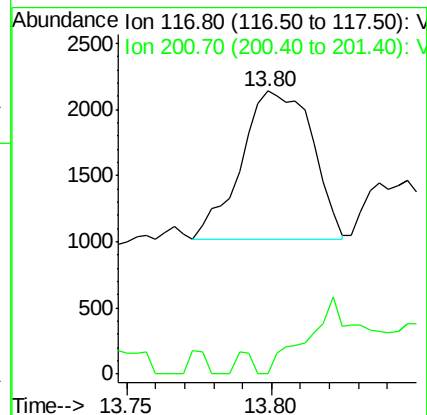
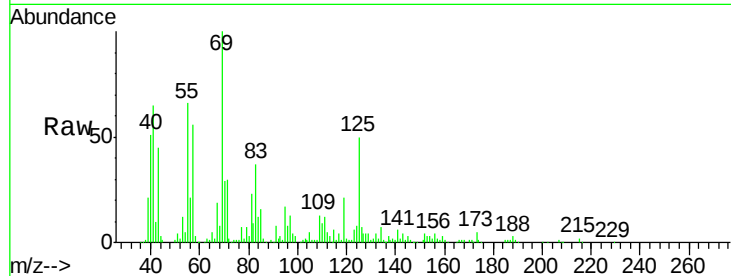
ClientSampled :

Tot Ion:117 Resp: 1906

Ion Ratio Lower Upper

117 100

201 3.3 48.1 144.4#



#91

1,2-Dichlorobenzene

Concen: 32.639 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

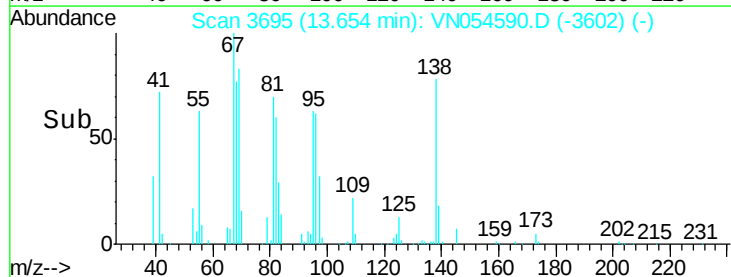
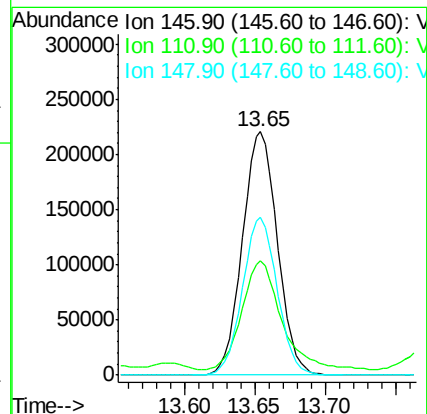
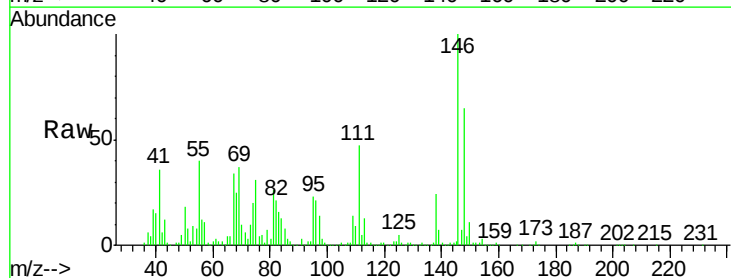
Tgt Ion:146 Resp: 381308

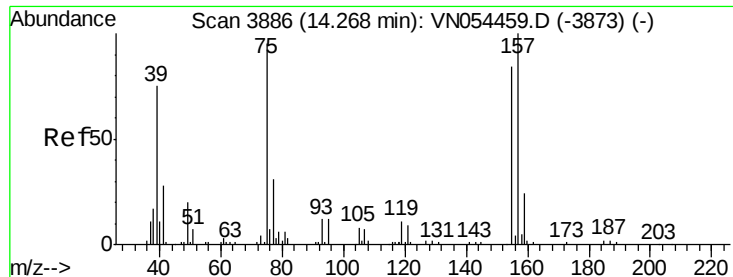
Ion Ratio Lower Upper

146 100

111 53.4 19.1 57.3

148 64.6 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.909 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.03 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampled :

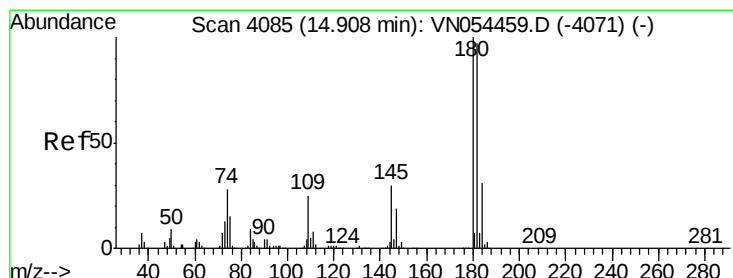
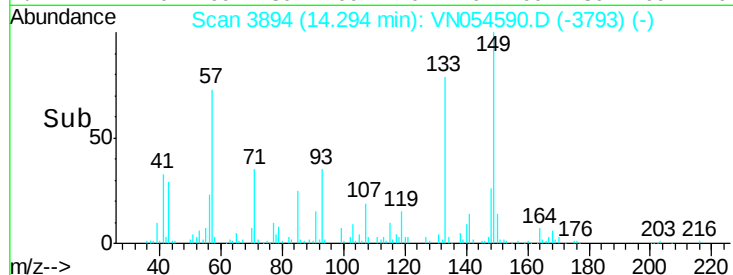
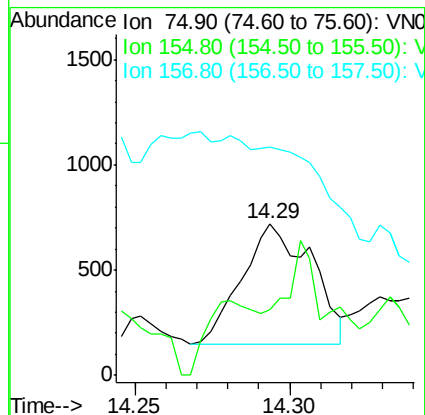
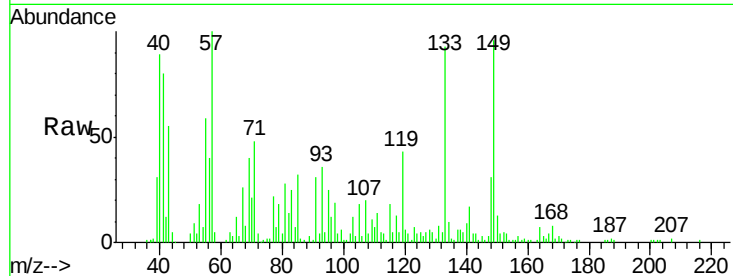
Tot Ion: 75 Resp: 893

Ion Ratio Lower Upper

75 100

155 44.9 50.1 150.3#

157 0.0 63.1 189.3#



#93

1,2,4-Trichlorobenzene

Concen: 6.909 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

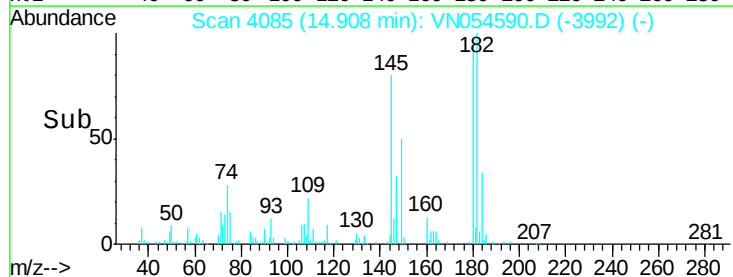
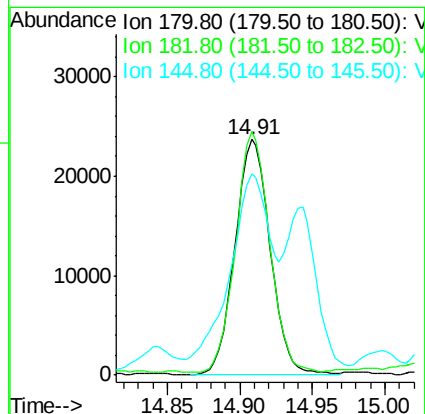
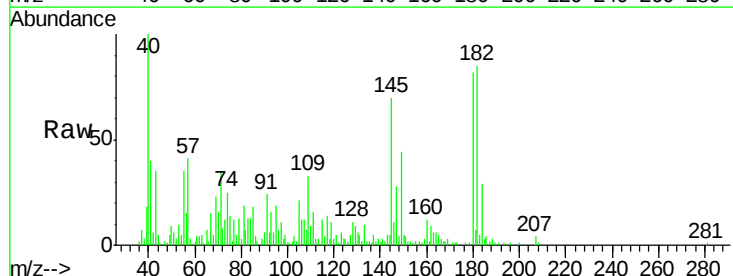
Tgt Ion: 180 Resp: 40235

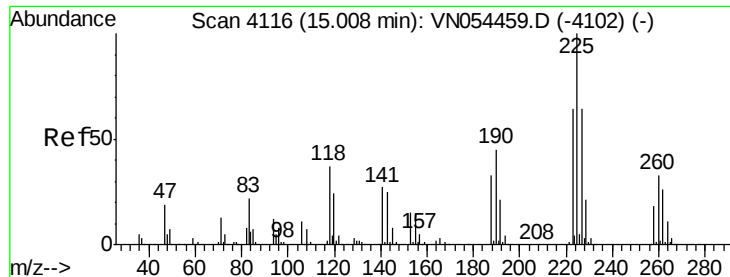
Ion Ratio Lower Upper

180 100

182 97.2 48.0 144.2

145 98.4 14.2 42.8#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN054590.D

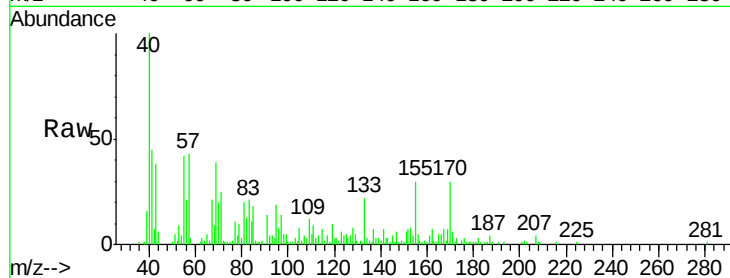
Acq: 23 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

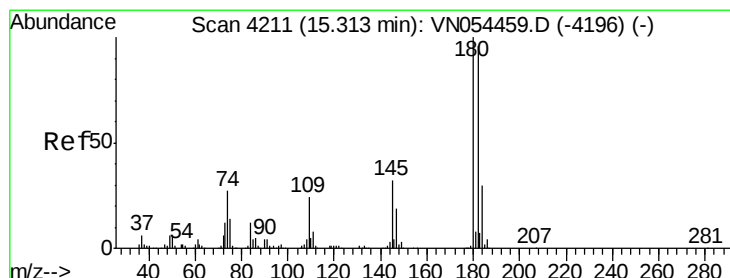
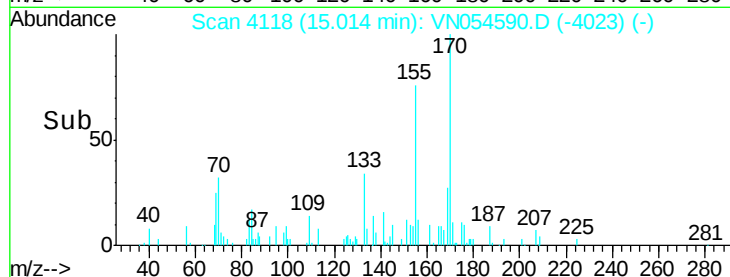
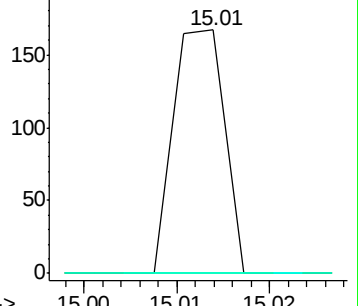
Tot Ion:	225	Resp:	64
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.5#
227	0.0	31.9	95.9#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.542 ug/l

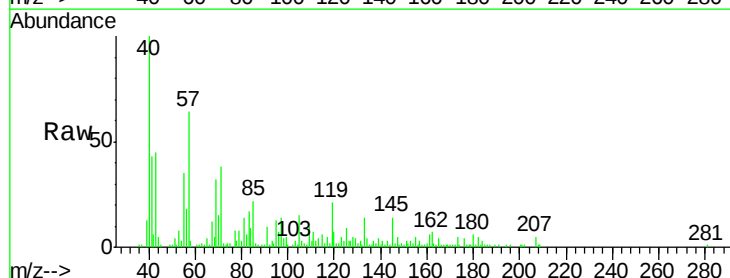
RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN054590.D

Acq: 23 Mar 2019 6:55

Tgt Ion:	180	Resp:	3144
Ion	Ratio	Lower	Upper
180	100		
182	76.7	47.5	142.6
145	0.0	14.8	44.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

