

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
 Data File : VN055291.D
 Acq On : 29 Apr 2019 14:13
 Operator : JC/SP
 Sample : PB119269TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119269TB

Quant Time: Apr 30 04:30:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 04:20:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	398540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	669240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	632393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	272080	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.59	113	223746	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.09	98	851046	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.40	95	266997	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	

Target Compounds					Qvalue
13) Acrolein	3.61	56	62	0.266 ug/l #	1
16) Acetone	3.82	43	11591	7.135 ug/l	95
17) Carbon Disulfide	4.07	76	5722	0.557 ug/l #	95
18) Methyl Acetate	4.34	43	3648	Below Cal #	77
20) Methylene Chloride	4.55	84	4466	0.901 ug/l #	90
25) 2-Butanone	6.84	43	723	0.348 ug/l #	53
29) Tetrahydrofuran	7.22	42	1148	0.863 ug/l #	77
31) Cyclohexane	7.66	56	8739	1.066 ug/l #	1
36) 1,1-Dichloropropene	7.66	75	30386	4.740 ug/l #	50
38) Carbon Tetrachloride	7.66	117	37491	6.063 ug/l #	16
41) Methacrylonitrile	7.17	41	61	0.762 ug/l #	23
43) Isopropyl Acetate	8.16	43	18040	2.285 ug/l #	89
48) Methyl methacrylate	9.18	41	7853	2.023 ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	8134	1.830 ug/l #	84
54) cis-1,3-Dichloropropene	9.90	75	64417	9.312 ug/l #	68
57) 1,3-Dichloropropane	10.76	76	11719	1.659 ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.90	63	195	12.525 ug/l #	52
59) 2-Hexanone	10.76	43	204212	73.423 ug/l #	53
71) Bromoform	12.40	173	2491	0.927 ug/l #	1
73) Isopropylbenzene	12.25	105	1665	Below Cal	95
74) N-amyl acetate	11.88	43	20355	4.410 ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.51	83	32	Below Cal #	25
76) 1,2,3-Trichloropropane	12.40	75	136479	40.341 ug/l #	100
77) Bromobenzene	12.53	156	424	Below Cal	77
79) 2-Chlorotoluene	12.67	91	1466	Below Cal	89
80) 1,3,5-Trimethylbenzene	12.73	105	13303	0.944 ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	136479	143.813 ug/l #	7
83) tert-Butylbenzene	12.99	119	1190	Below Cal	89
87) 1,3-Dichlorobenzene	13.28	146	1213	0.202 ug/l	91
88) 1,4-Dichlorobenzene	13.28	146	1213	0.214 ug/l	92
89) n-Butylbenzene	13.61	91	2796	0.312 ug/l #	85
93) 1,2,4-Trichlorobenzene	14.91	180	1461	3.891 ug/l	88
94) Hexachlorobutadiene	15.01	225	1103	Below Cal	84
95) Naphthalene	15.14	128	3142	3.915 ug/l #	94

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QLast Update : Tue Apr 30 04:20:38 2019
Response via : Initial Calibration

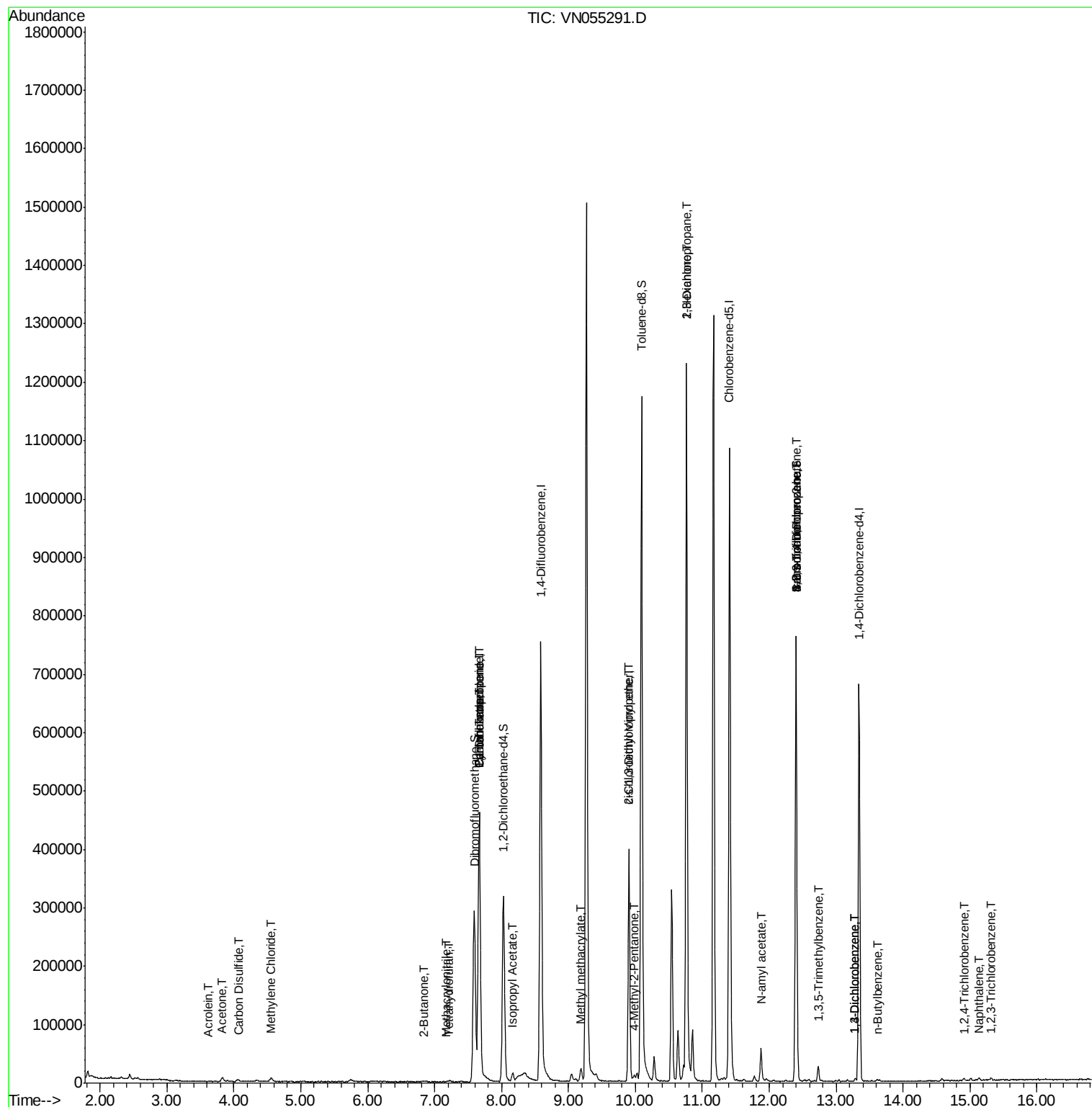
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	1771	3.337	ug/l #	75

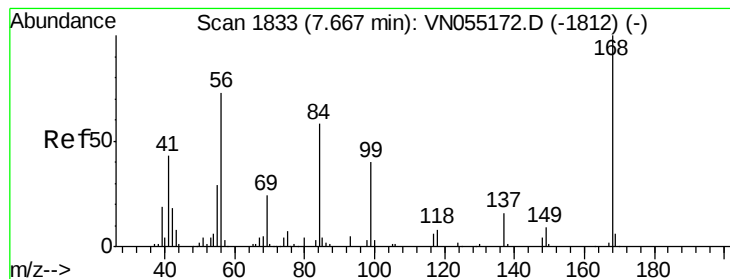
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

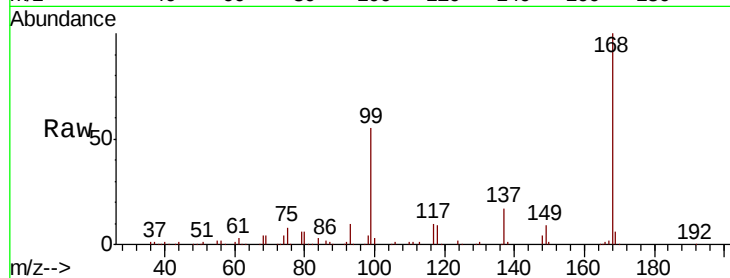
PB119269TB

Tgt Ion:168 Resp: 398540

Ion Ratio Lower Upper

168 100

99 55.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055291.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055291.D (-1740) (-)

7.67

150000

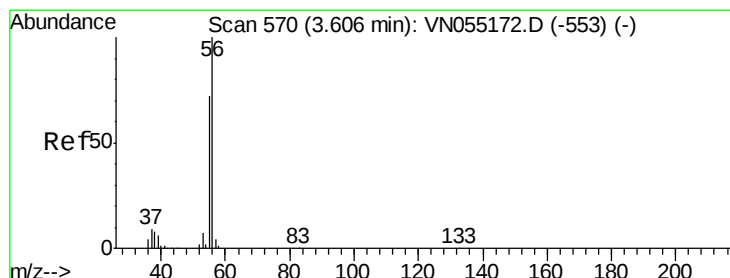
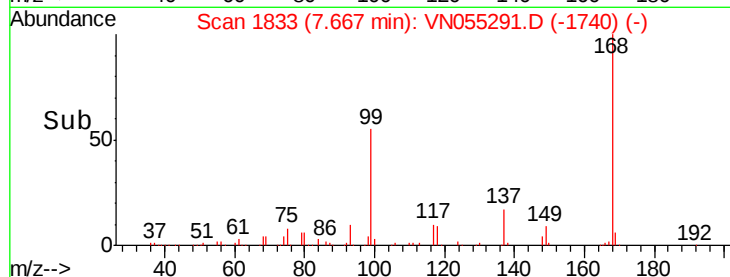
100000

50000

0

7.60 7.70

Time-->



#13

Acrolein

Concen: 0.266 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.01 min

Lab File: VN055291.D

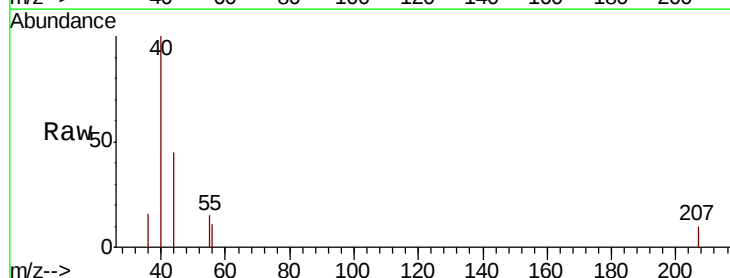
Acq: 29 Apr 2019 14:13

Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 361.3 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN055291.D (-479) (-)

Ion 55.00 (54.70 to 55.70): VN055291.D (-479) (-)

3.61

300

250

200

150

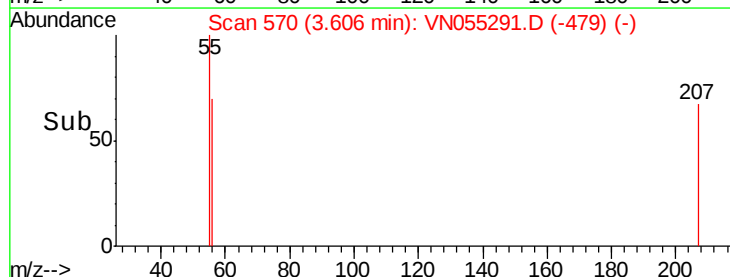
100

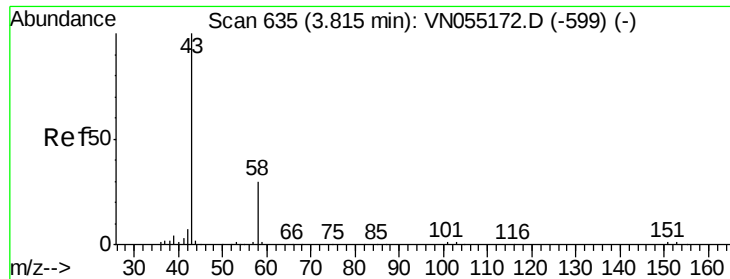
50

0

3.60 3.61 3.61

Time-->





#16

Acetone

Concen: 7.135 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

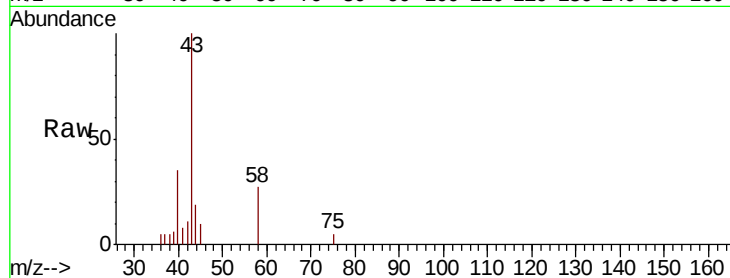
PB119269TB

Tgt Ion: 43 Resp: 11591

Ion Ratio Lower Upper

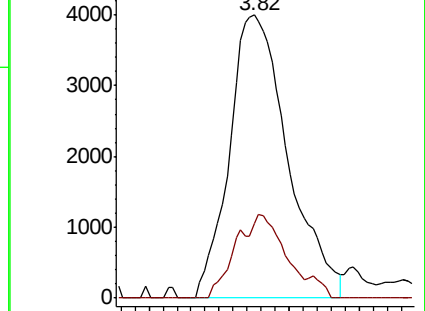
43 100

58 26.6 23.6 35.4

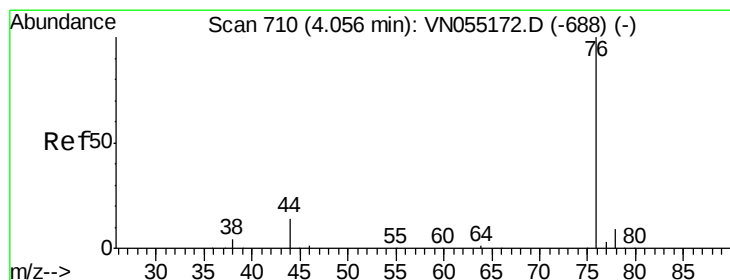
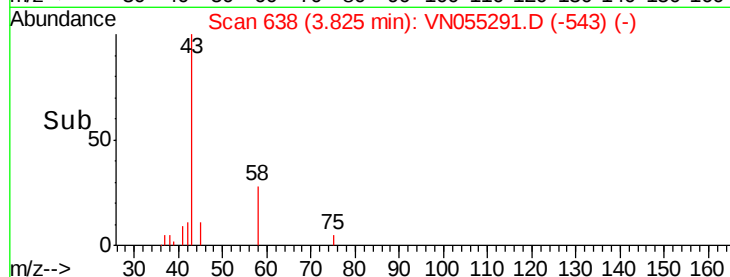


Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)



Time-->



#17

Carbon Disulfide

Concen: 0.557 ug/l

RT: 4.07 min Scan# 713

Delta R.T. 0.01 min

Lab File: VN055291.D

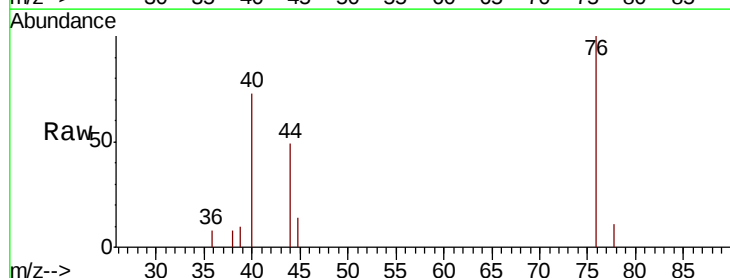
Acq: 29 Apr 2019 14:13

Tgt Ion: 76 Resp: 5722

Ion Ratio Lower Upper

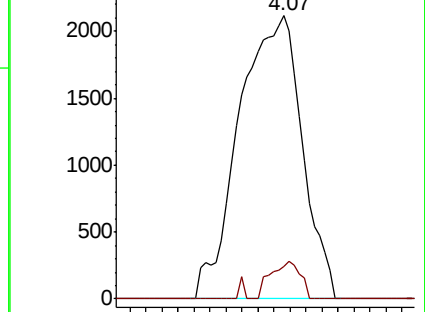
76 100

78 11.4 7.6 11.4#

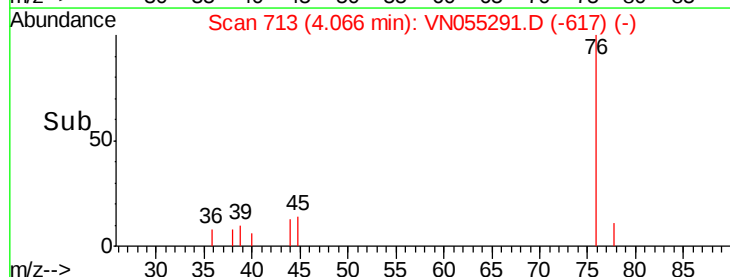


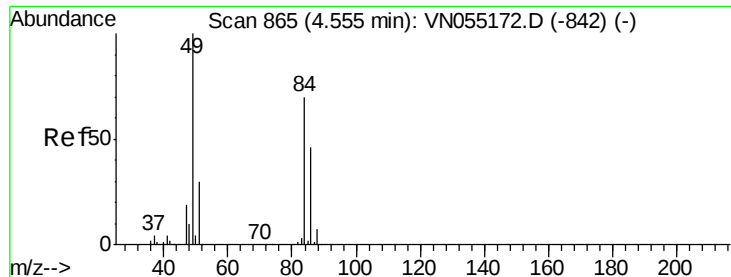
Abundance Ion 75.90 (75.60 to 76.60): VN055172.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN055172.D (-688) (-)



Time-->

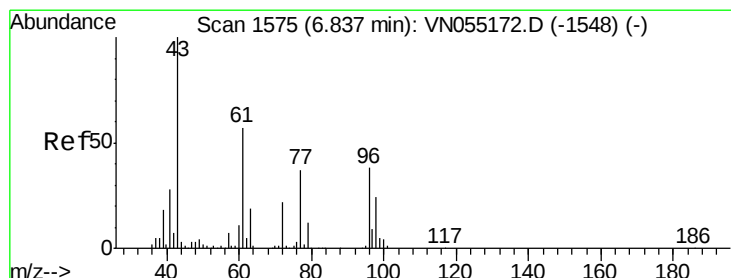
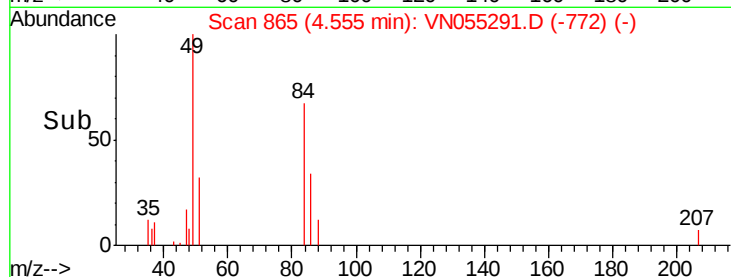
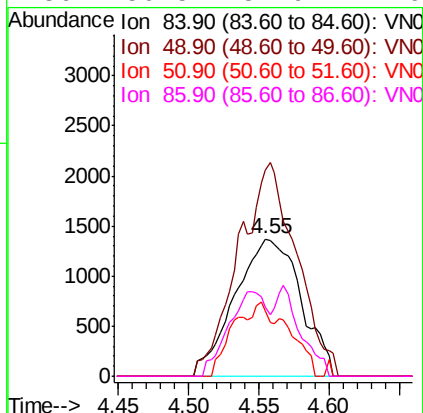
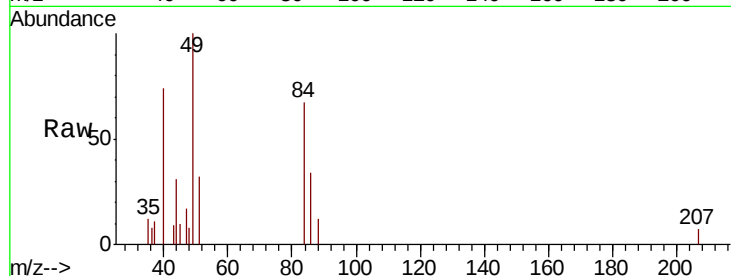




#20
Methylene Chloride
Concen: 0.901 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055291.D
Acq: 29 Apr 2019 14:13

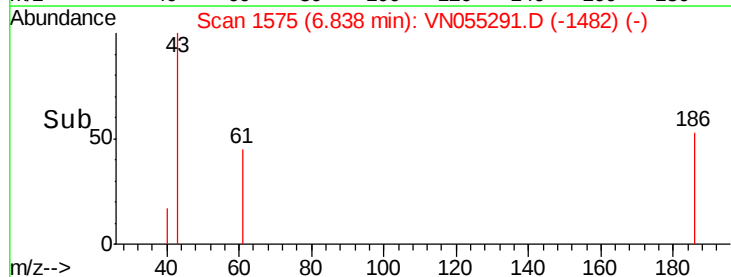
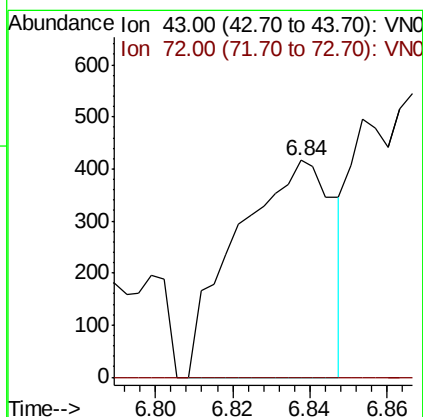
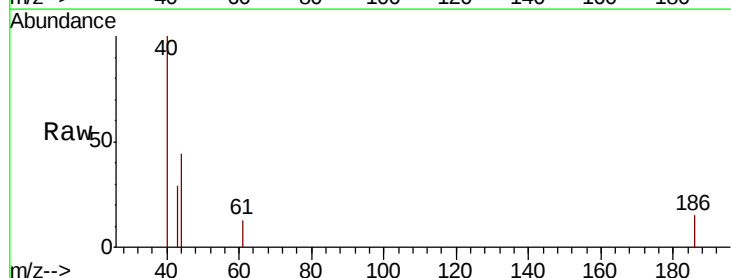
Instrument :
MSVOA_N
ClientSampled :
PB119269TB

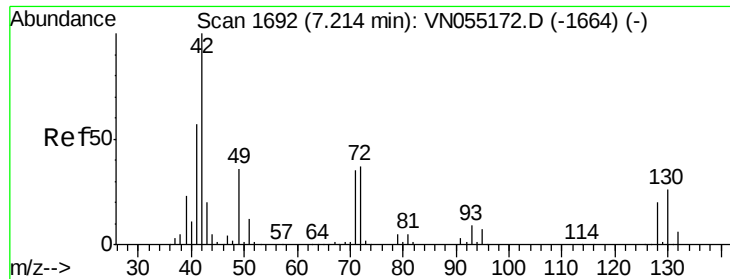
Tgt Ion: 84 Resp: 4466
Ion Ratio Lower Upper
84 100
49 149.9 112.4 168.6
51 47.4 34.6 51.8
86 50.5 51.9 77.9#



#25
2-Butanone
Concen: 0.348 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055291.D
Acq: 29 Apr 2019 14:13

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#





#29

Tetrahydrofuran

Concen: 0.863 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

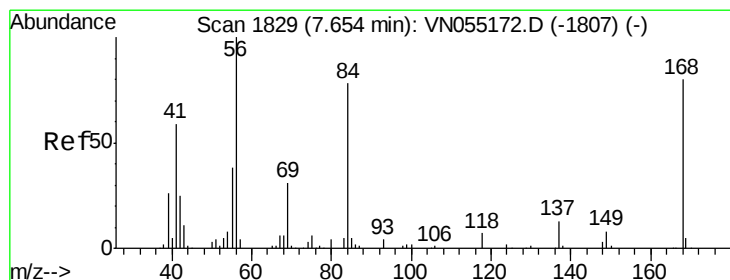
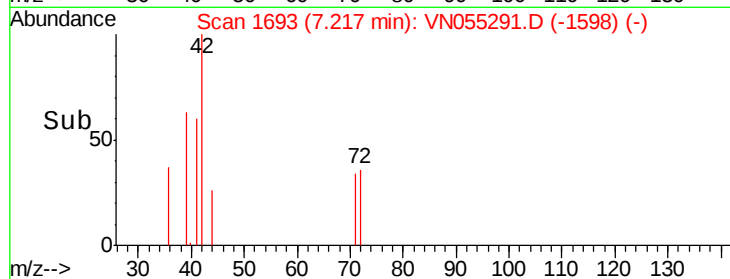
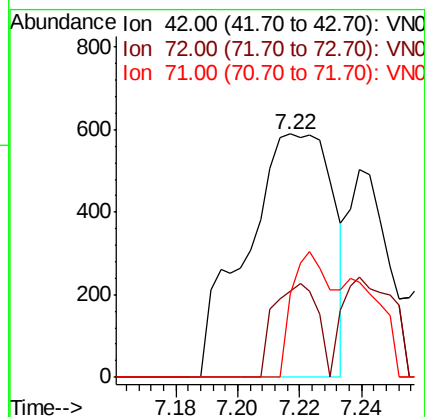
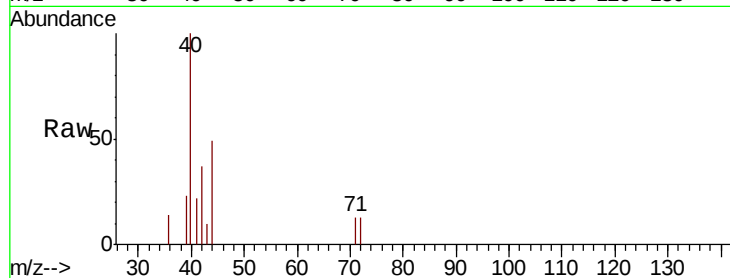
Tgt Ion: 42 Resp: 1148

Ion Ratio Lower Upper

42 100

72 19.4 29.0 43.6#

71 24.7 27.1 40.7#



#31

Cyclohexane

Concen: 1.066 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

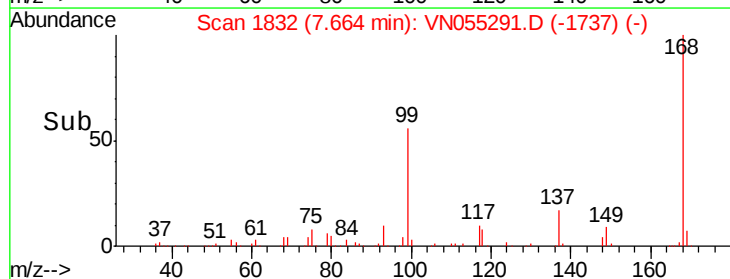
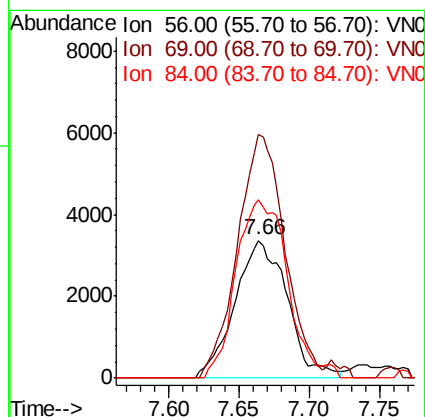
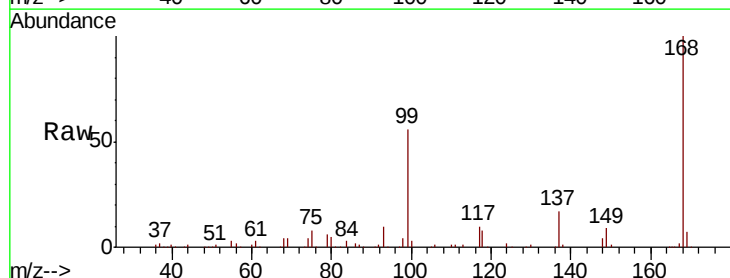
Tgt Ion: 56 Resp: 8739

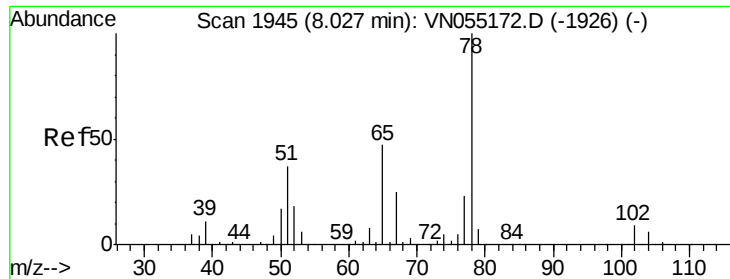
Ion Ratio Lower Upper

56 100

69 176.9 25.2 37.8#

84 129.9 61.1 91.7#

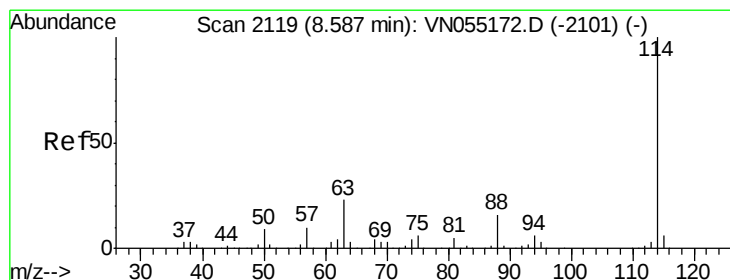
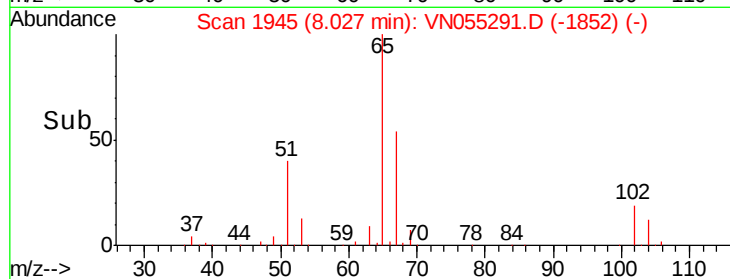
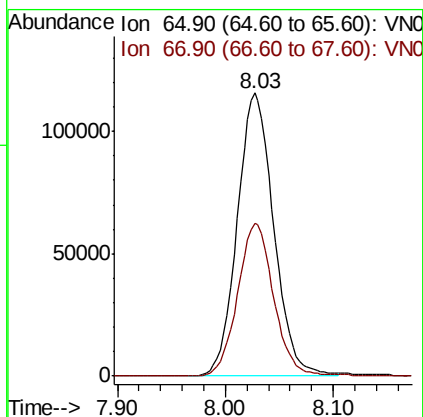
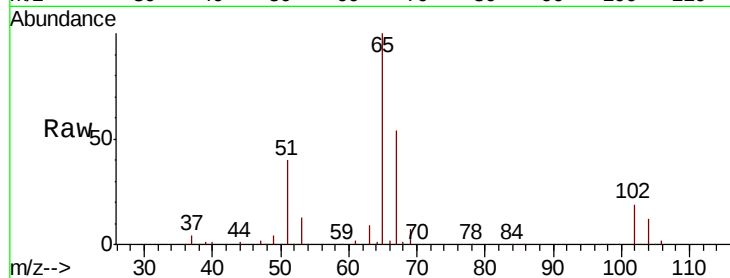




#33
 1,2-Dichloroethane-d4
 Concen: 52.185 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

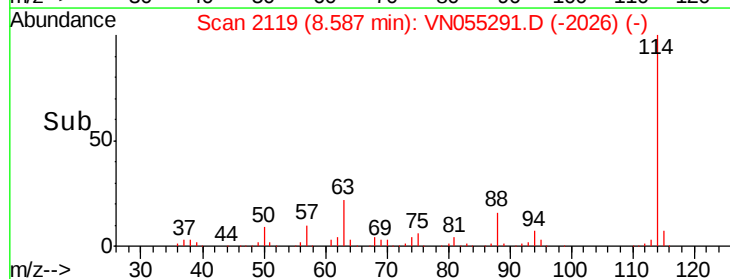
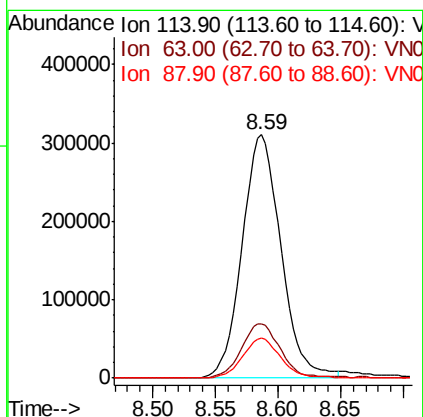
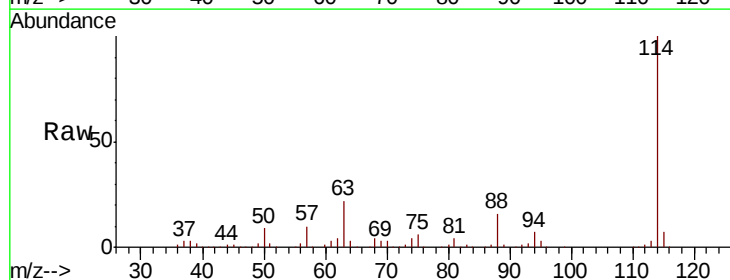
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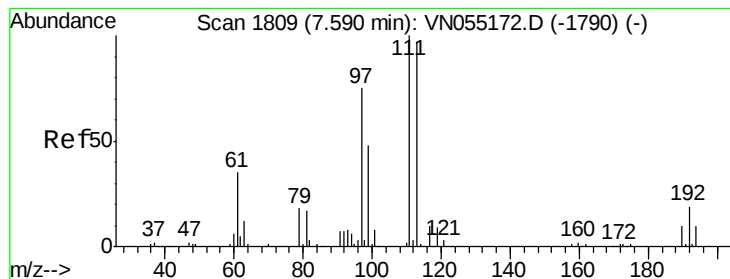
Tgt Ion: 65 Resp: 272080
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

Tgt Ion: 114 Resp: 669240
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.936 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

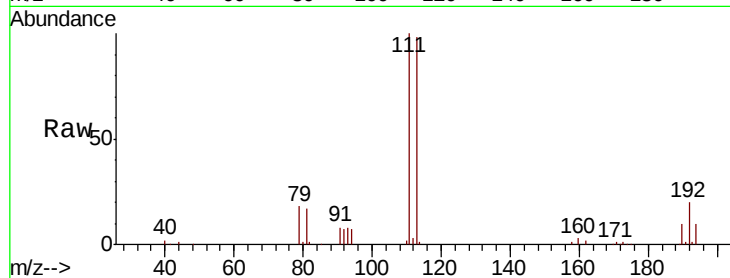
Tgt Ion:113 Resp: 223746

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

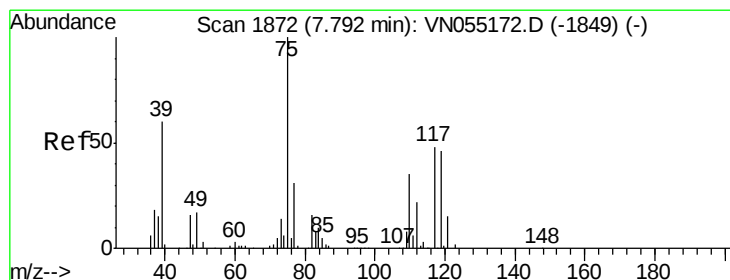
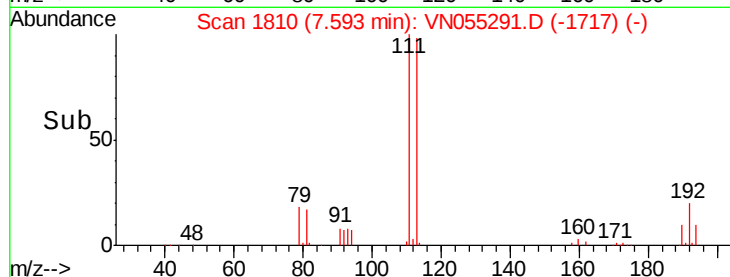
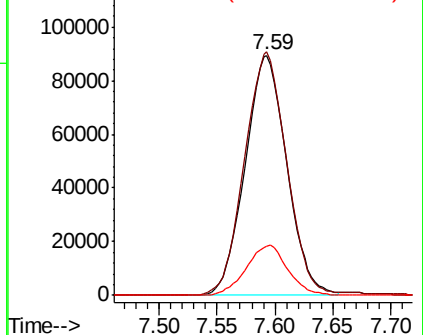
192 20.8 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.740 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

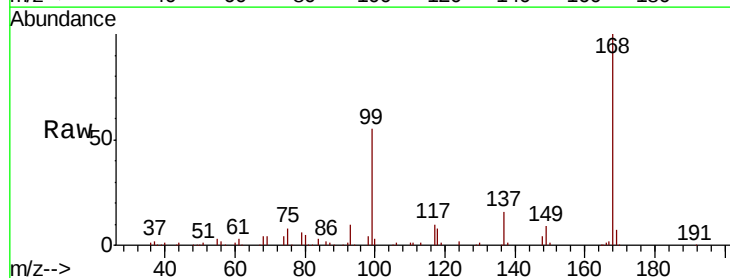
Tgt Ion: 75 Resp: 30386

Ion Ratio Lower Upper

75 100

110 8.5 16.8 50.4#

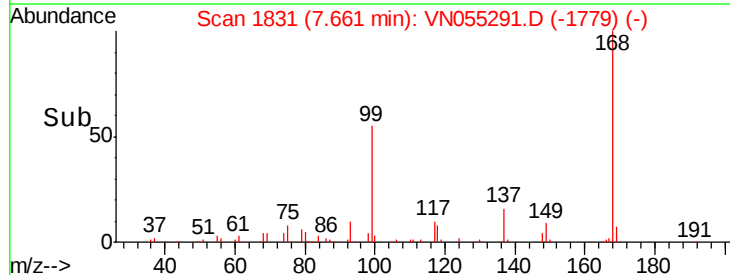
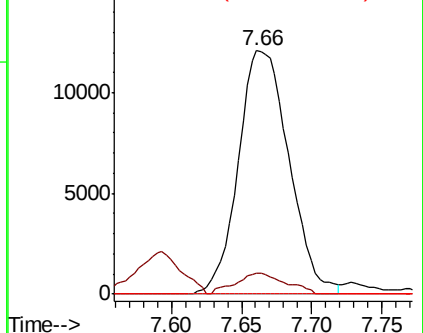
77 0.0 25.0 37.6#

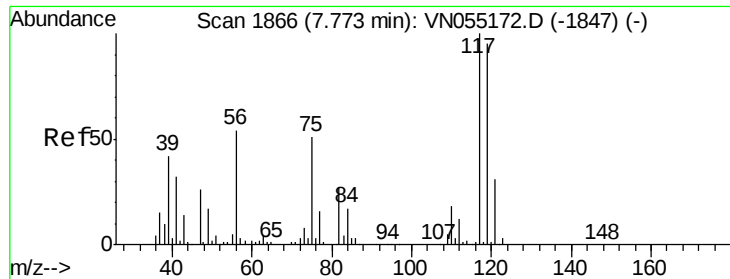


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

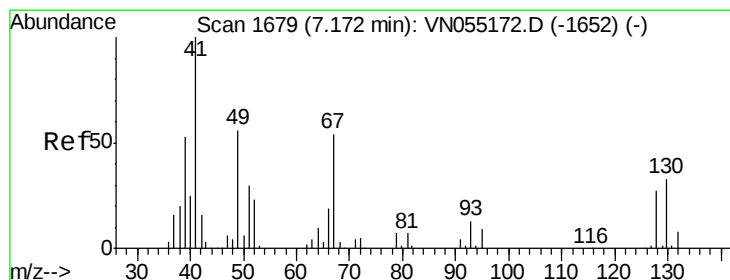
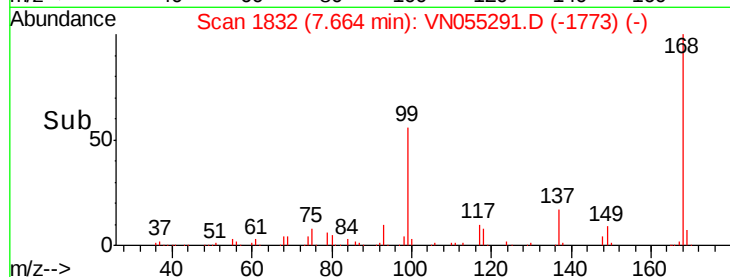
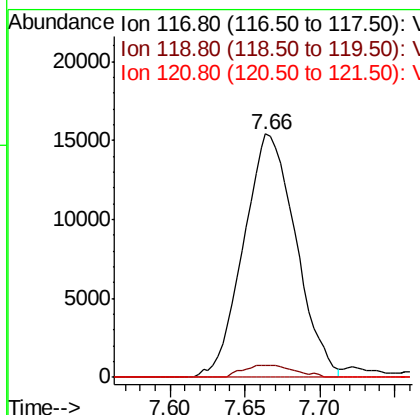
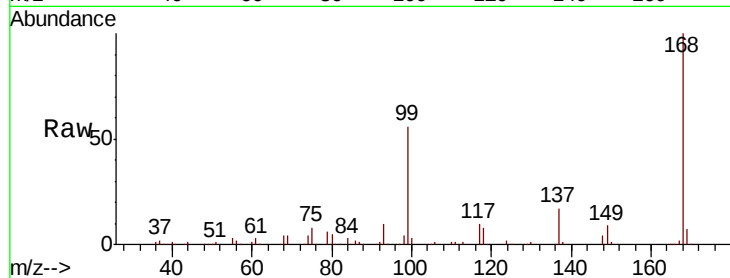




#38
Carbon Tetrachloride
Concen: 6.063 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055291.D
Acq: 29 Apr 2019 14:13

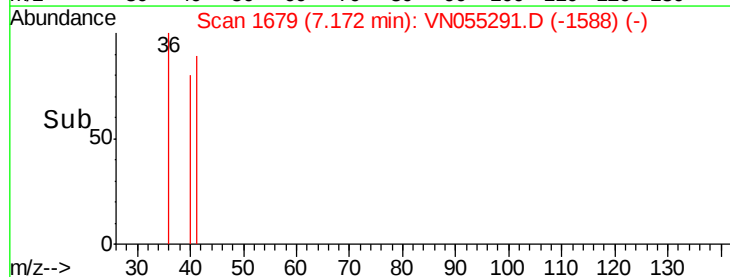
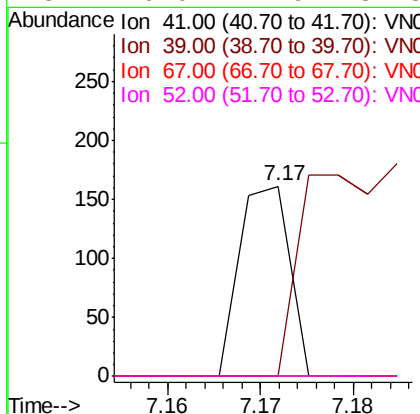
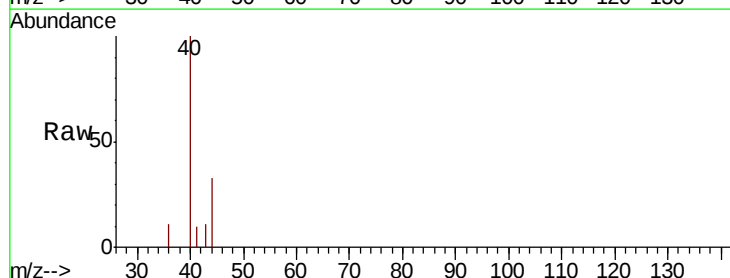
Instrument :
MSVOA_N
ClientSampleId :
PB119269TB

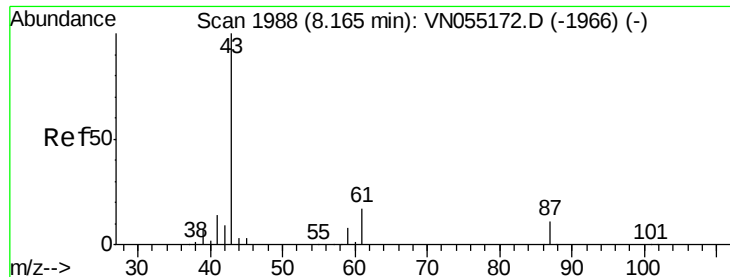
Tgt Ion: 117 Resp: 37491
Ion Ratio Lower Upper
117 100
119 4.9 77.0 115.6#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 0.762 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055291.D
Acq: 29 Apr 2019 14:13

Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
39 0.0 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: 2.285 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

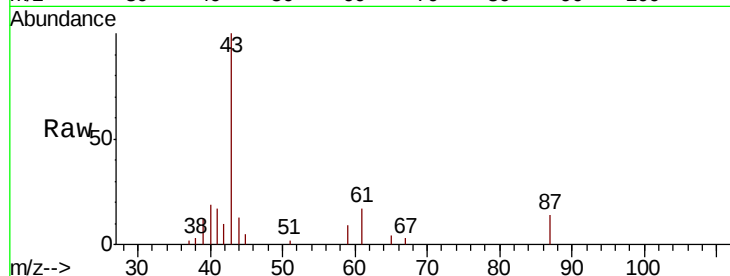
Tgt Ion: 43 Resp: 18040

Ion Ratio Lower Upper

43 100

61 18.3 20.8 31.2#

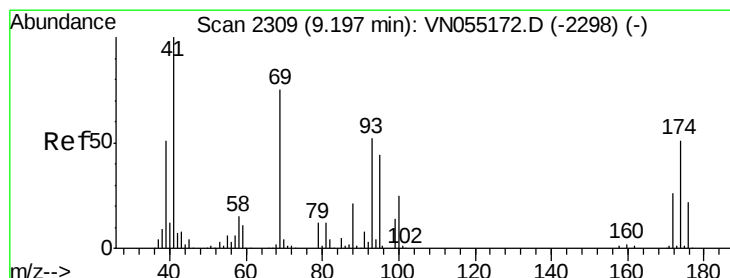
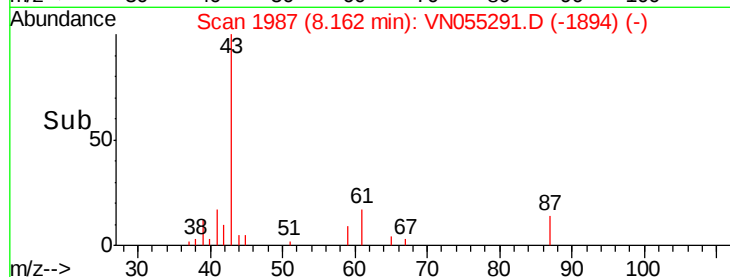
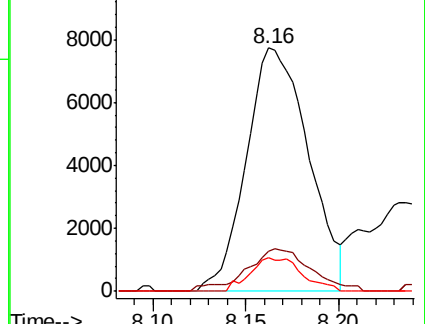
87 11.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 2.023 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

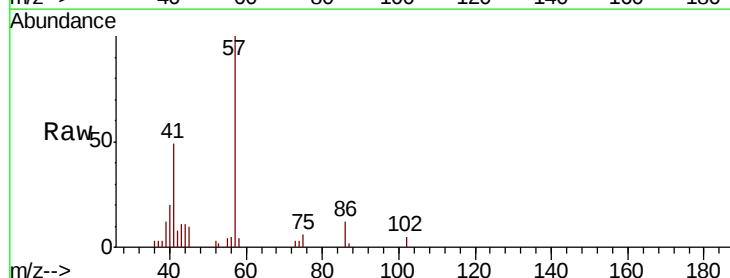
Tgt Ion: 41 Resp: 7853

Ion Ratio Lower Upper

41 100

69 0.0 58.6 87.8#

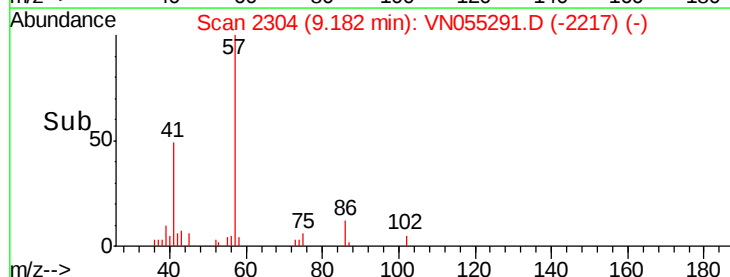
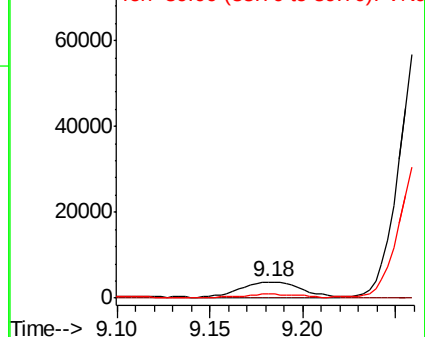
39 0.0 43.8 65.6#

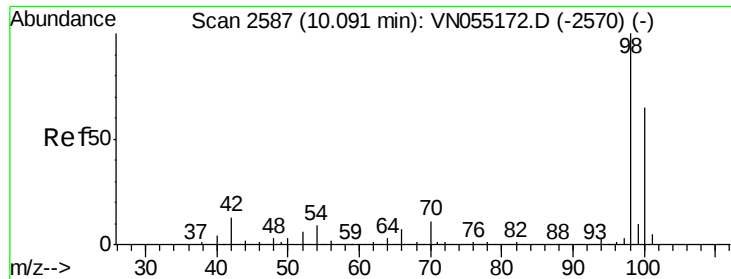


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 53.655 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

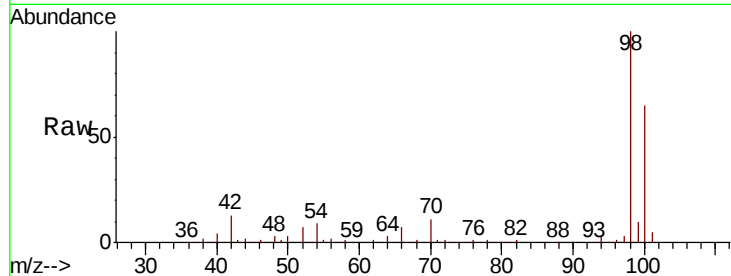
PB119269TB

Tgt Ion: 98 Resp: 851046

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)

10.09

400000

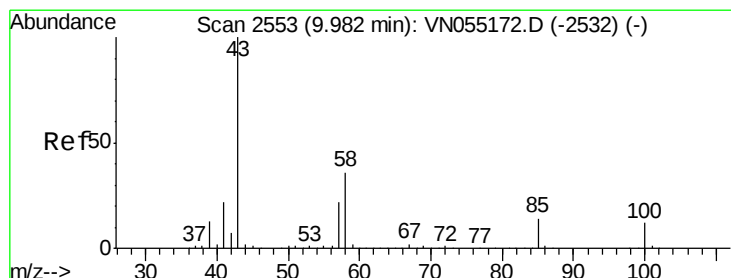
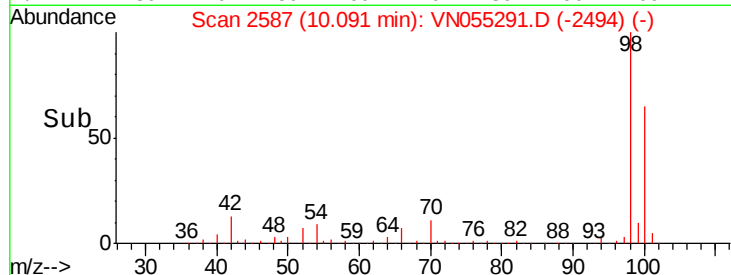
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.830 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN055291.D

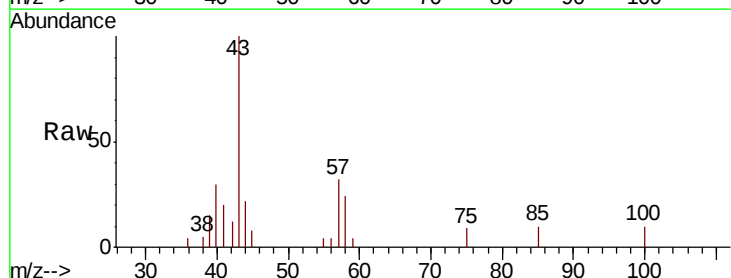
Acq: 29 Apr 2019 14:13

Tgt Ion: 43 Resp: 8134

Ion Ratio Lower Upper

43 100

58 26.4 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

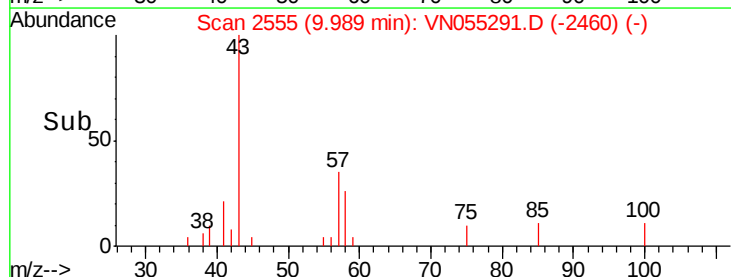
Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)

10000

5000

0

Time-->

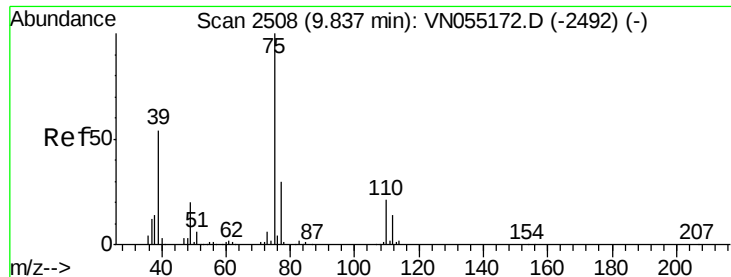


9.99

5000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 9.312 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

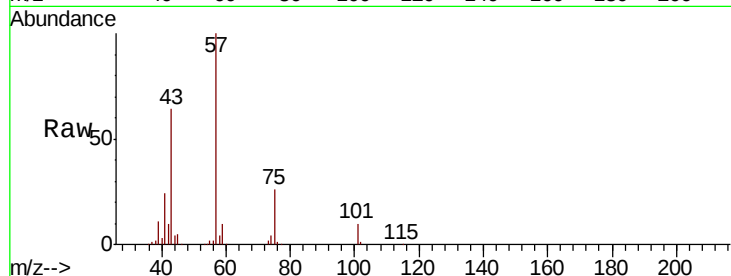
Tgt Ion: 75 Resp: 64417

Ion Ratio Lower Upper

75 100

77 0.4 24.2 36.2#

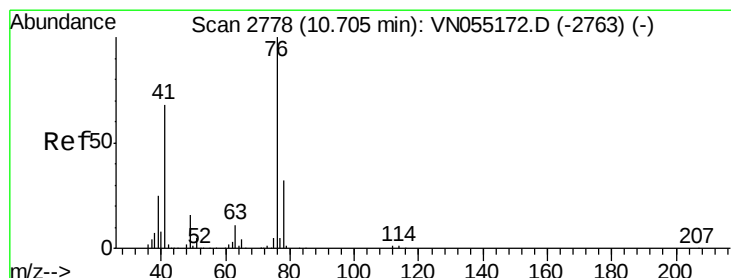
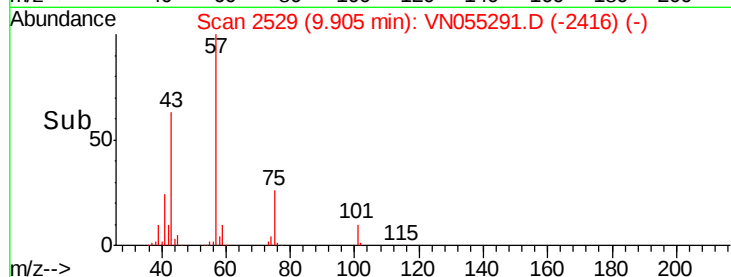
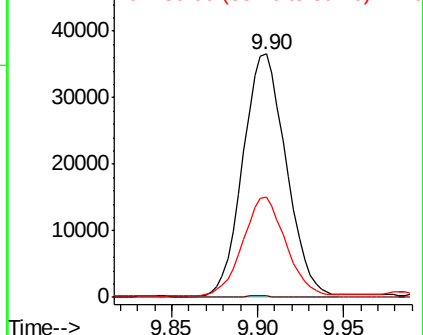
39 40.6 44.2 66.2#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-2492) (-)

Ion 76.90 (76.60 to 77.60): VN055172.D (-2492) (-)

Ion 39.00 (38.70 to 39.70): VN055172.D (-2492) (-)



#57

1,3-Dichloropropane

Concen: 1.659 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055291.D

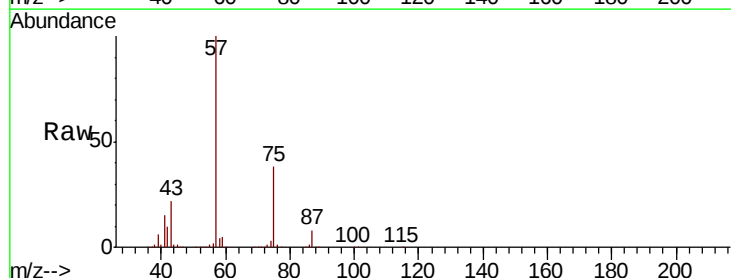
Acq: 29 Apr 2019 14:13

Tgt Ion: 76 Resp: 11719

Ion Ratio Lower Upper

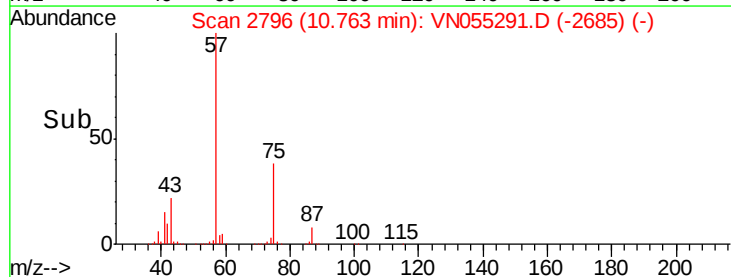
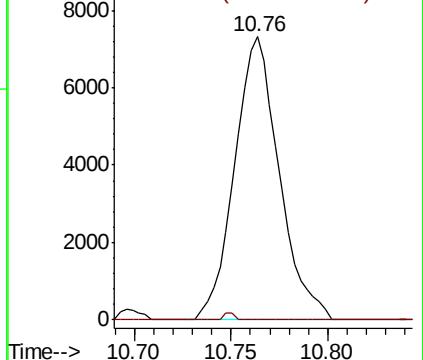
76 100

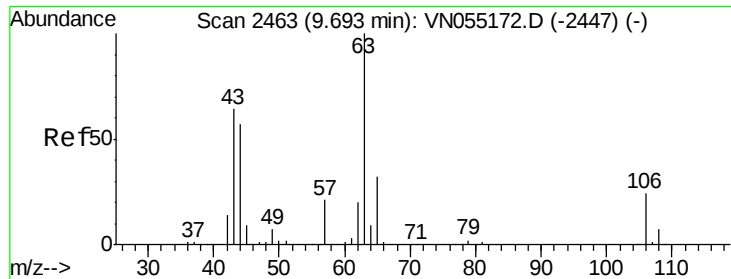
78 0.6 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN055172.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN055172.D (-2763) (-)

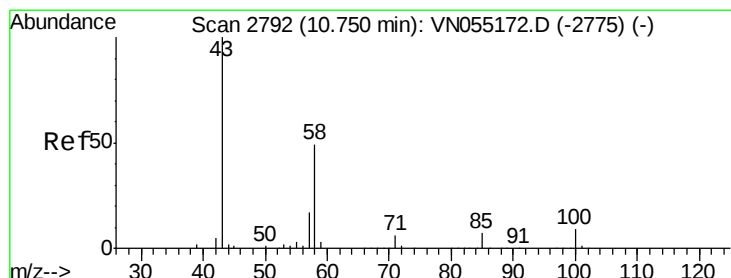
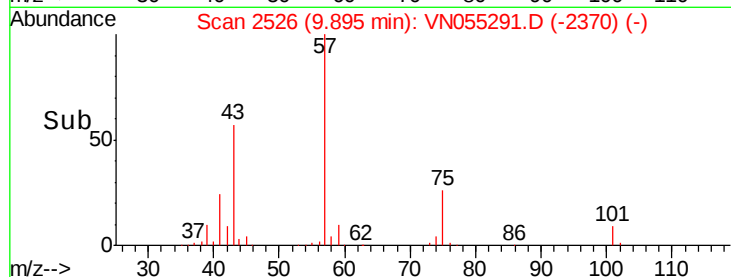
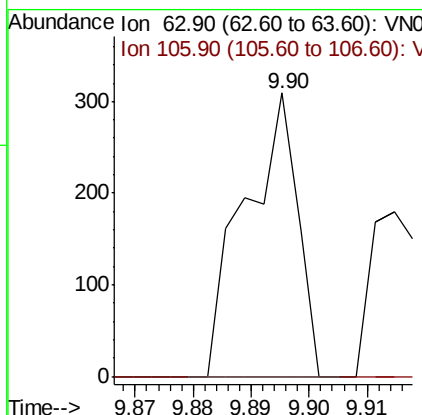
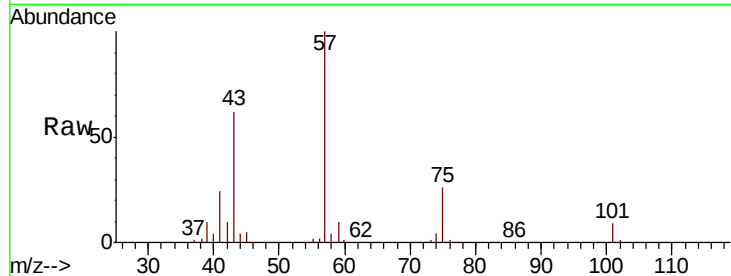




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.525 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.20 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

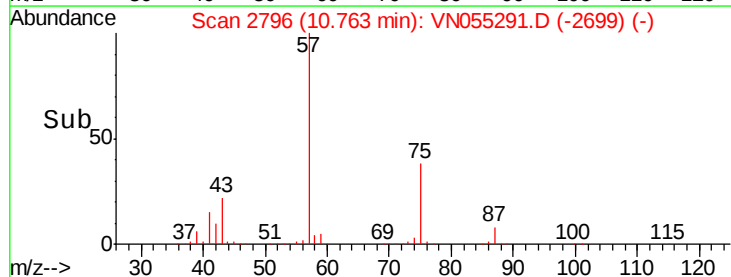
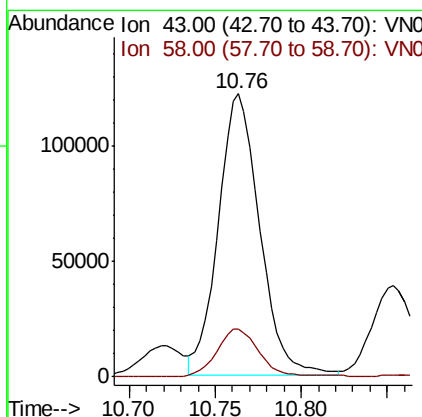
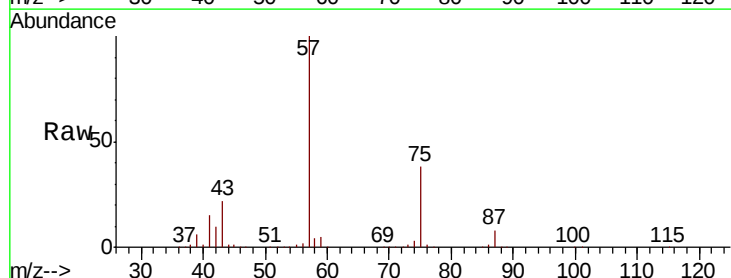
Instrument :
 MSVOA_N
 ClientSampleId :
 PB119269TB

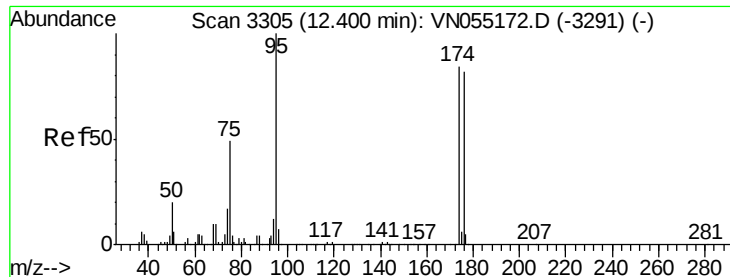
Tgt Ion: 63 Resp: 195
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#



#59
 2-Hexanone
 Concen: 73.423 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

Tgt Ion: 43 Resp: 204212
 Ion Ratio Lower Upper
 43 100
 58 17.4 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 53.860 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

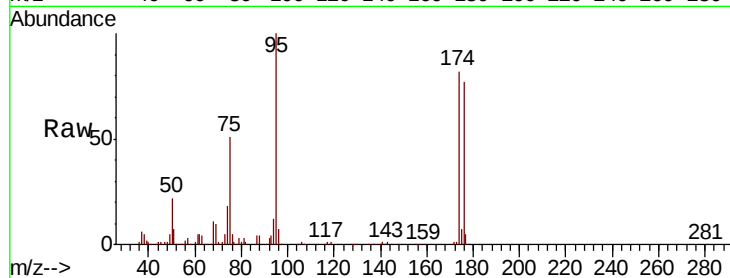
Tgt Ion: 95 Resp: 266997

Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.6

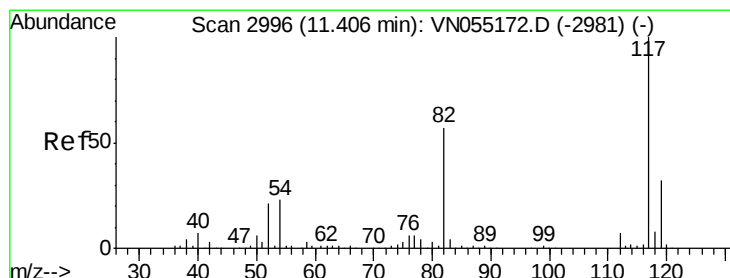
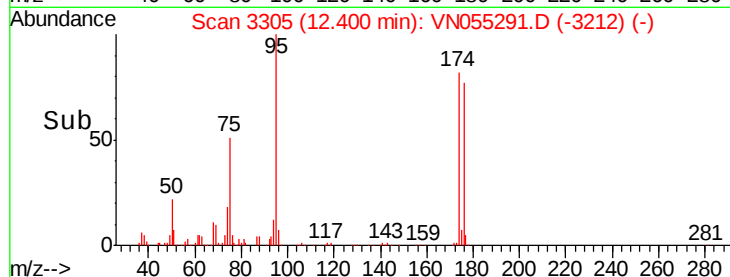
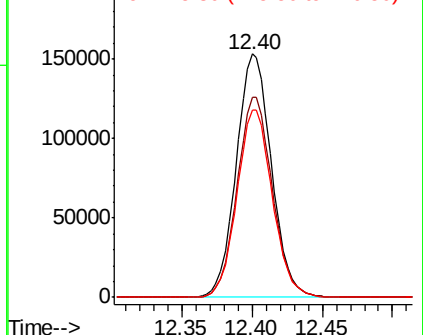
176 77.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055291.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055291.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055291.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

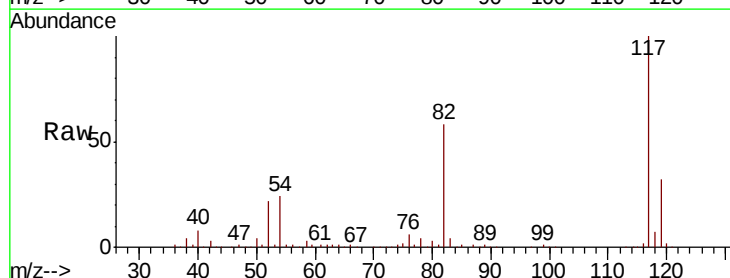
Tgt Ion: 117 Resp: 632393

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

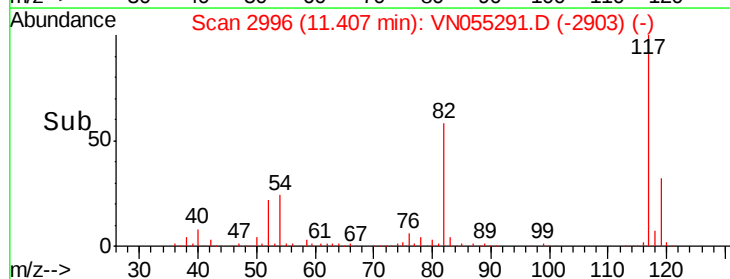
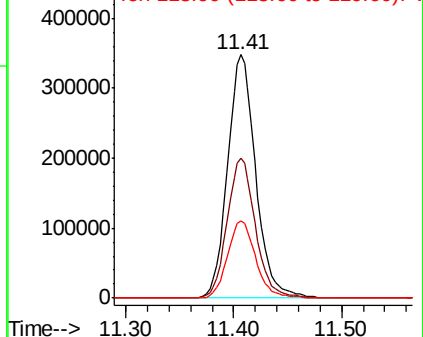
119 31.8 26.6 40.0

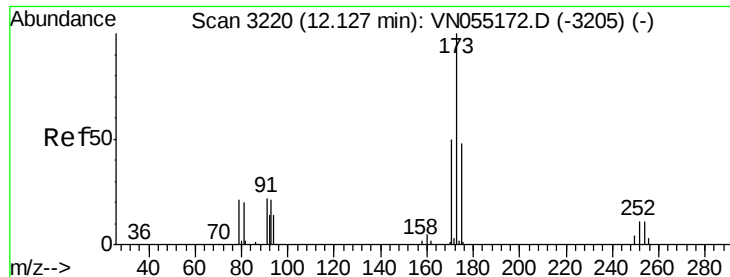


Abundance Ion 116.90 (116.60 to 117.60): VN055291.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055291.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055291.D (-2903) (-)





#71

Bromoform

Concen: 0.927 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

PB119269TB

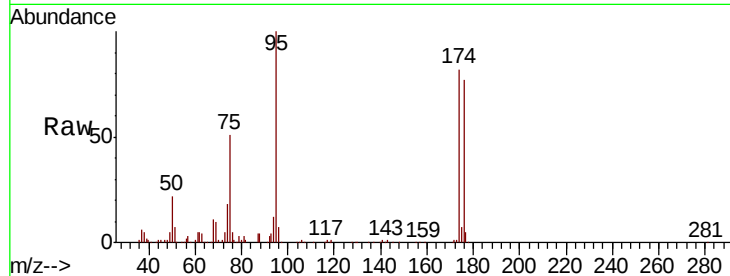
Tgt Ion:173 Resp: 2491

Ion Ratio Lower Upper

173 100

175 608.4 23.6 71.0#

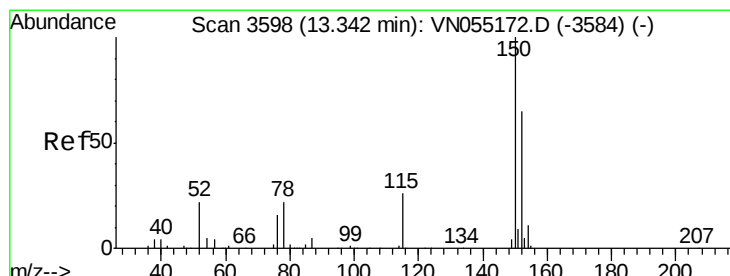
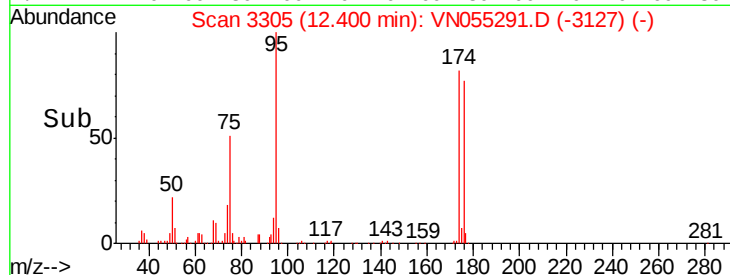
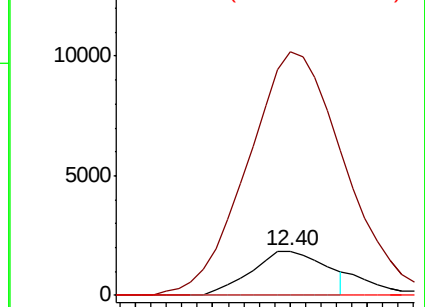
254 0.0 0.0 0.0



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: VN055291.D

Acq: 29 Apr 2019 14:13

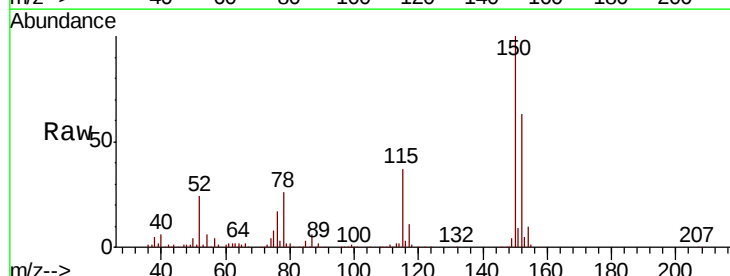
Tgt Ion:152 Resp: 179843

Ion Ratio Lower Upper

152 100

115 58.2 29.0 87.0

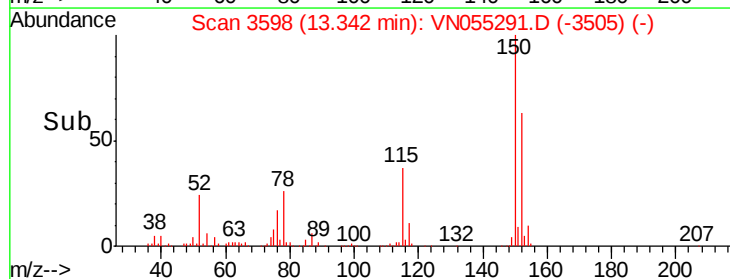
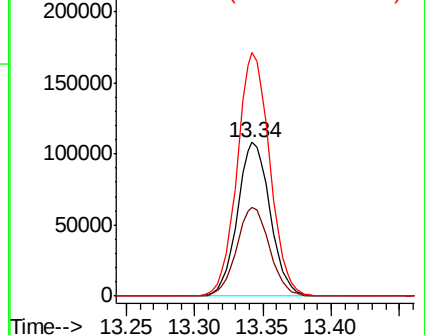
150 157.9 0.0 345.6

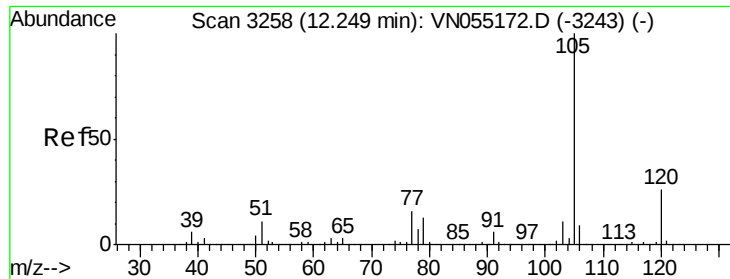


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

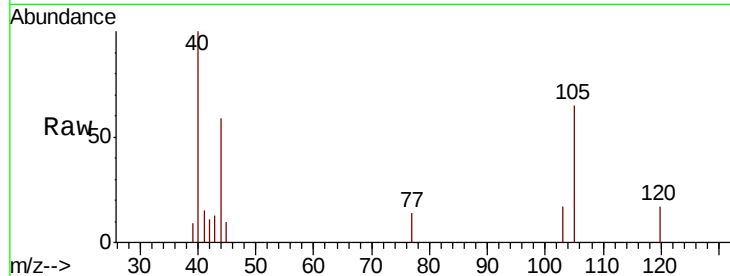
PB119269TB

Tgt Ion: 105 Resp: 1665

Ion Ratio Lower Upper

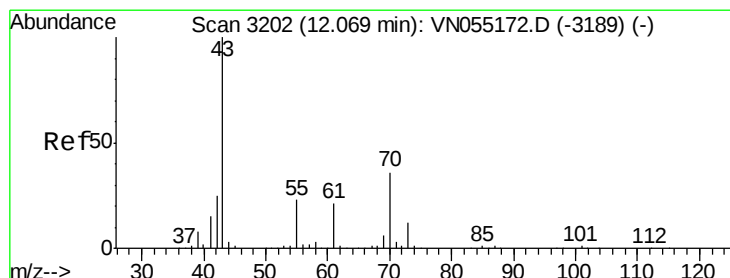
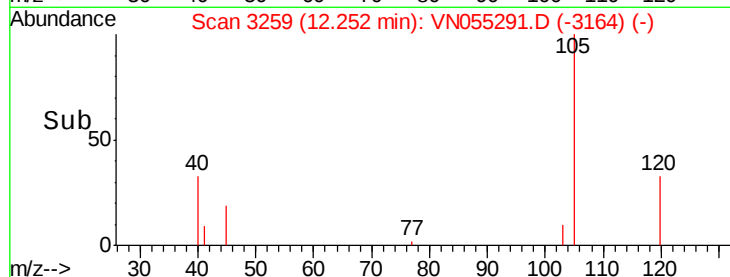
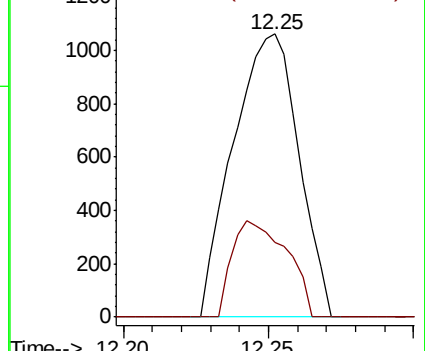
105 100

120 28.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.410 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Tgt Ion: 43 Resp: 20355

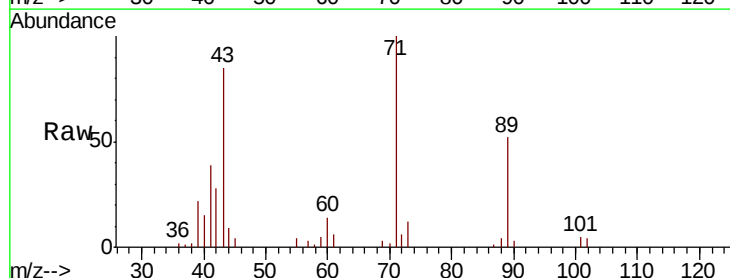
Ion Ratio Lower Upper

43 100

70 1.4 27.9 41.9#

55 5.1 18.2 27.2#

61 9.1 16.9 25.3#

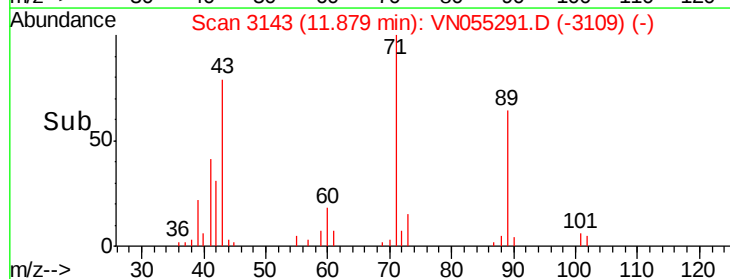
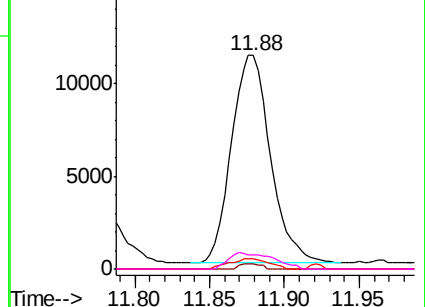


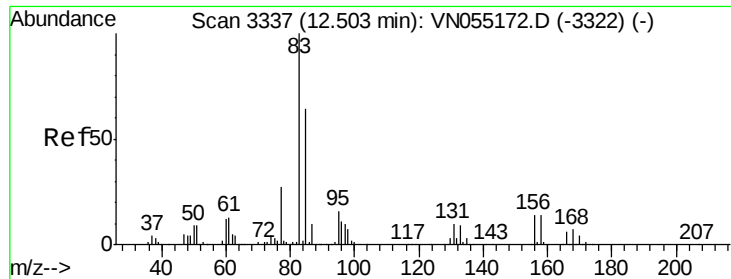
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

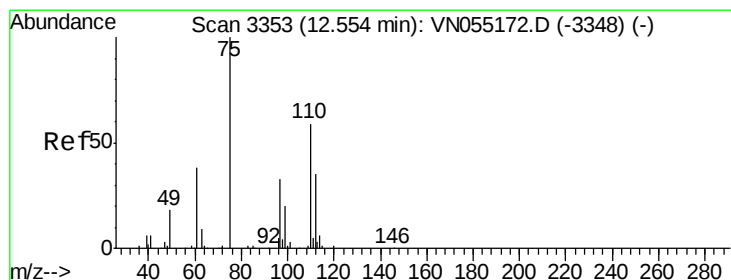
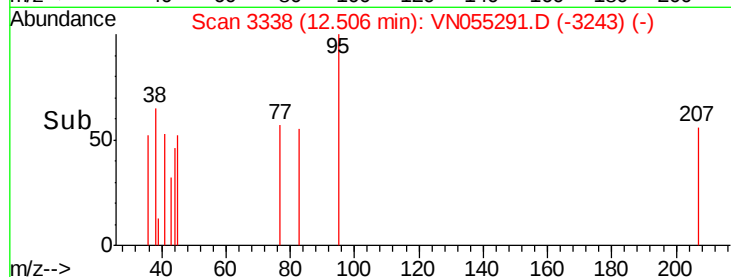
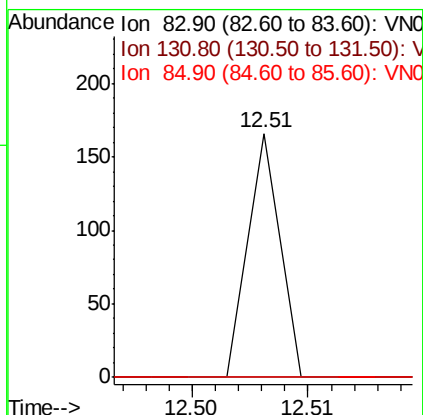
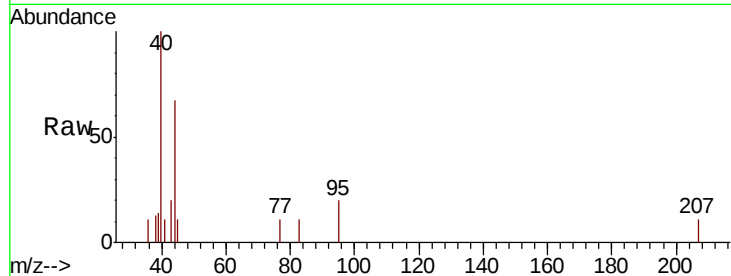




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

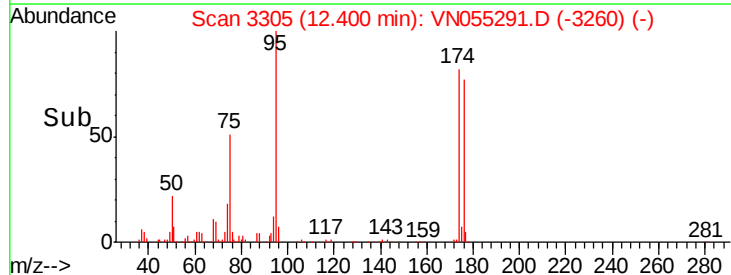
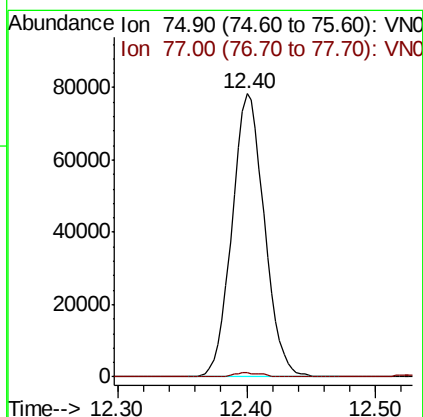
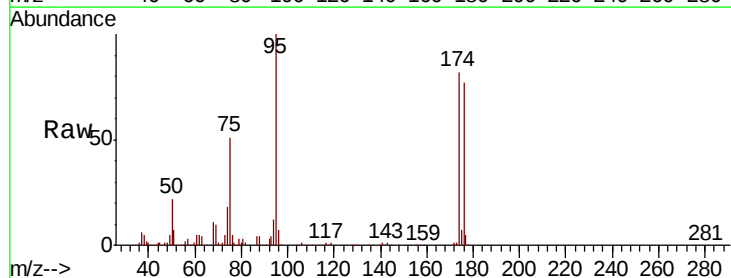
Instrument :
 MSVOA_N
 ClientSampled :
 PB119269TB

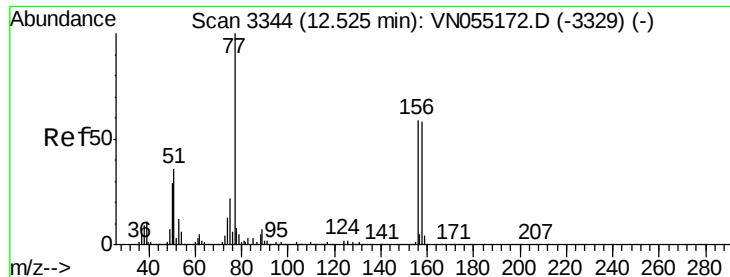
Tgt Ion: 83 Resp: 32
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.2#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 40.341 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

Tgt Ion: 75 Resp: 136479
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

PB119269TB

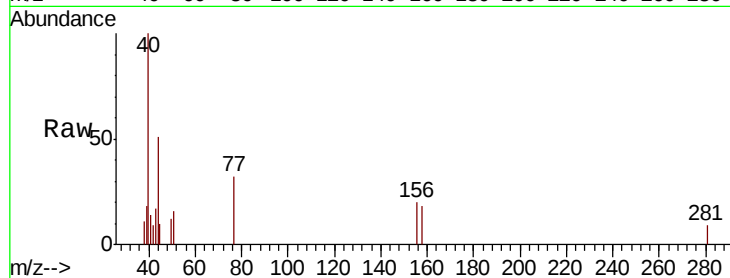
Tgt Ion: 156 Resp: 424

Ion Ratio Lower Upper

156 100

77 248.8 99.6 298.8

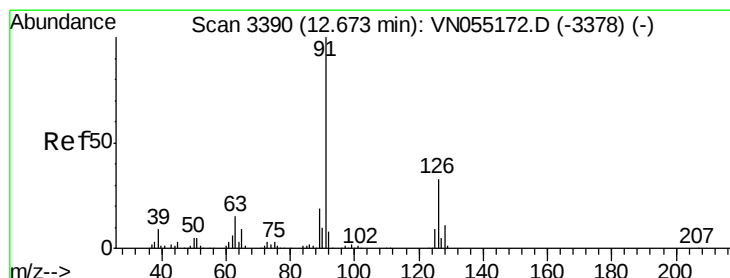
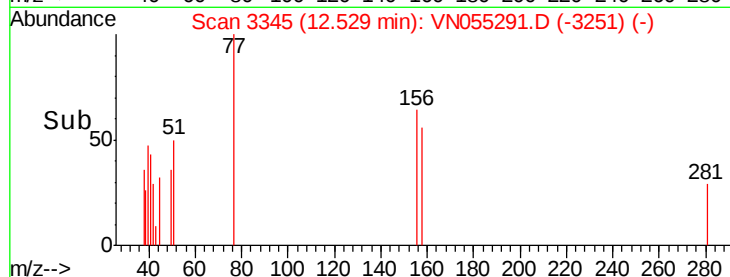
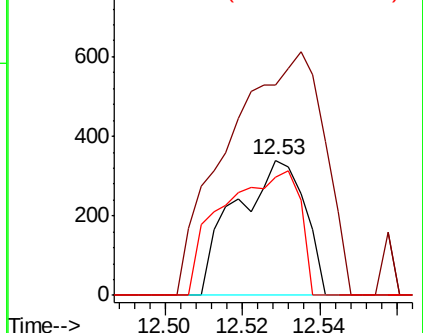
158 103.1 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055291.D

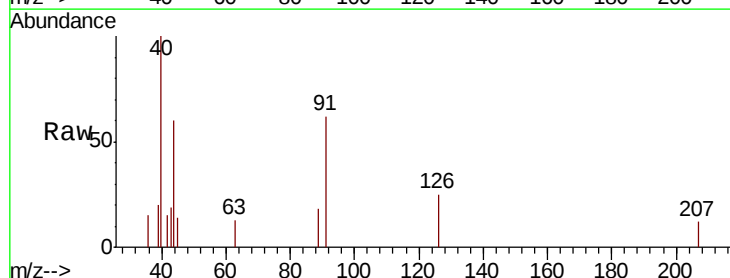
Acq: 29 Apr 2019 14:13

Tgt Ion: 91 Resp: 1466

Ion Ratio Lower Upper

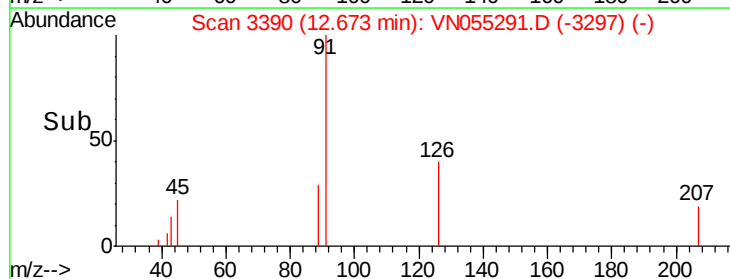
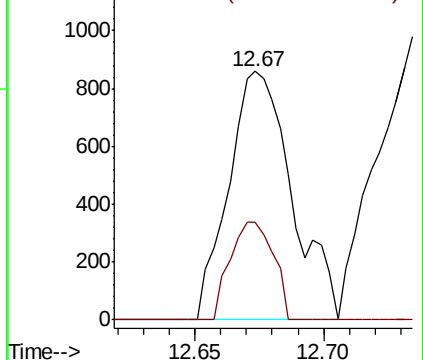
91 100

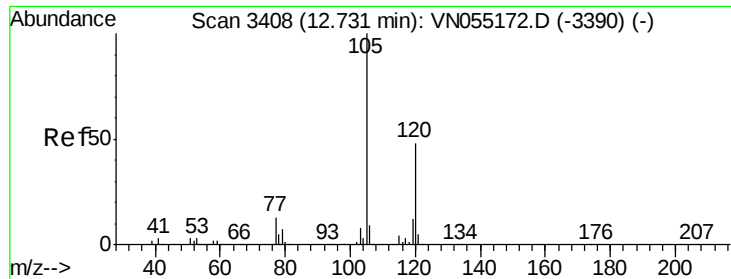
126 26.8 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

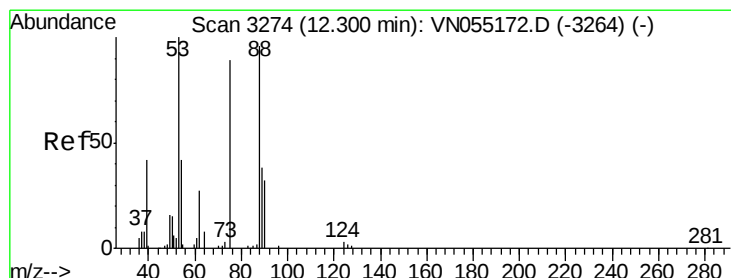
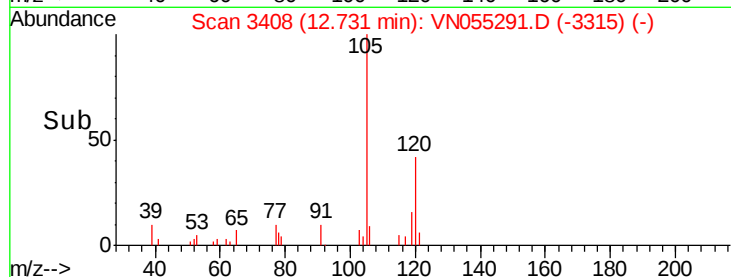
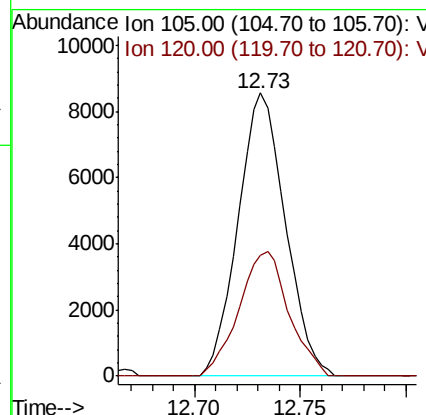
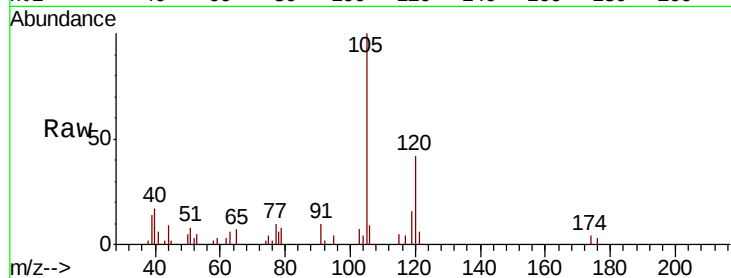




#80
 1,3,5-Trimethylbenzene
 Concen: 0.944 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

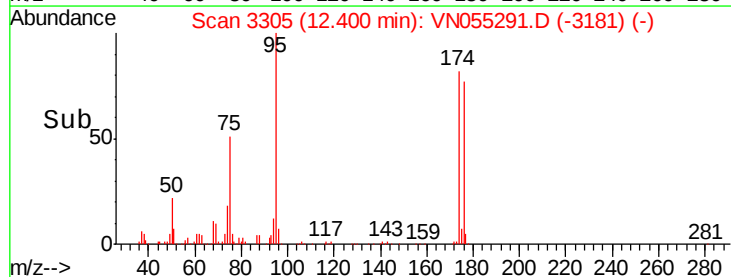
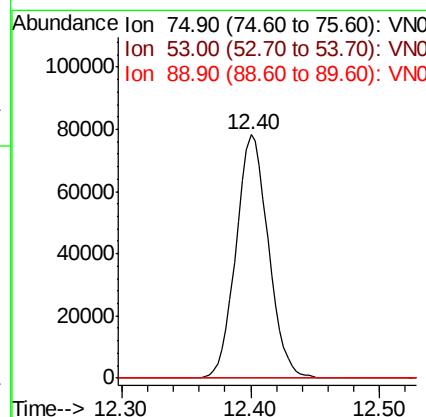
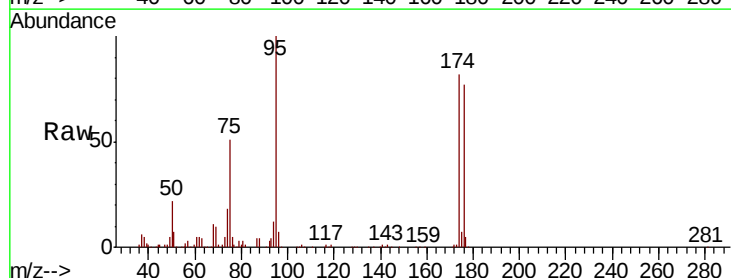
Instrument :
 MSVOA_N
 ClientSampleID :
 PB119269TB

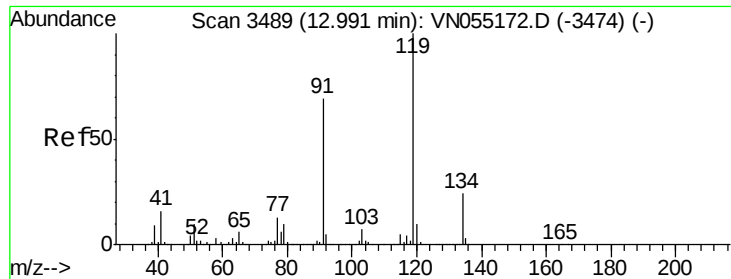
Tgt Ion:105 Resp: 13303
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.813 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

Tgt Ion: 75 Resp: 136479
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.3 129.5#
 89 0.0 34.6 51.8#

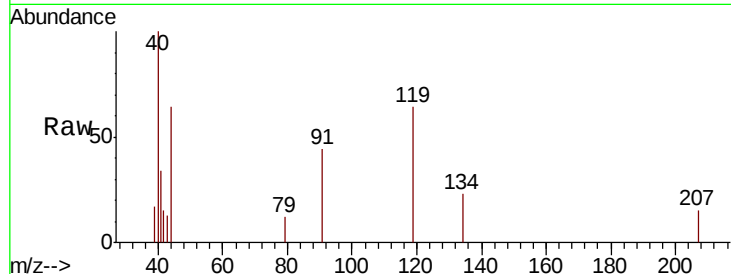




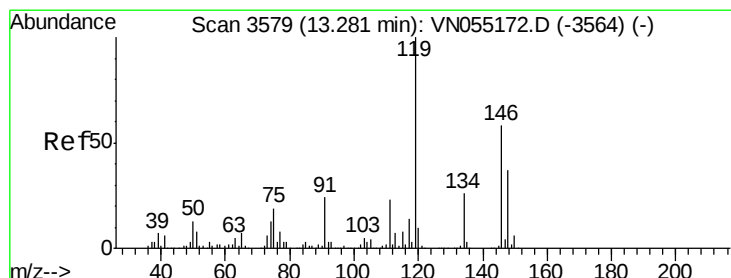
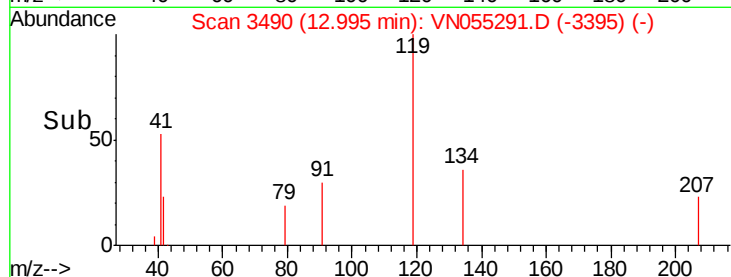
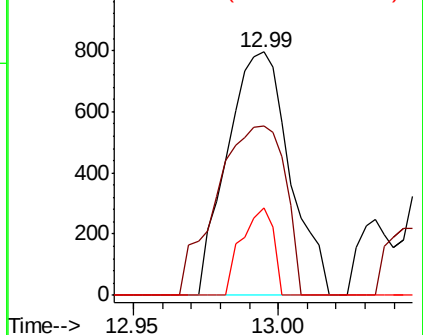
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

Instrument :
 MSVOA_N
 ClientSampled :
 PB119269TB

Tgt Ion:119 Resp: 1190
 Ion Ratio Lower Upper
 119 100
 91 76.3 34.3 102.9
 134 18.2 13.1 39.3

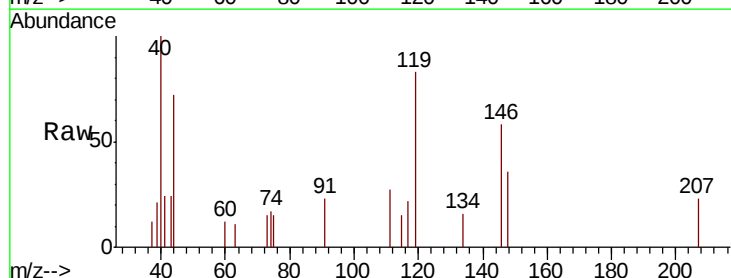


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

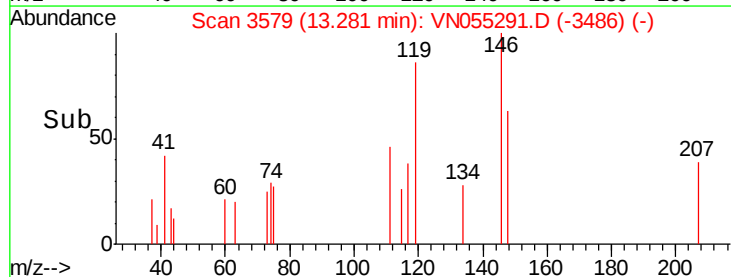
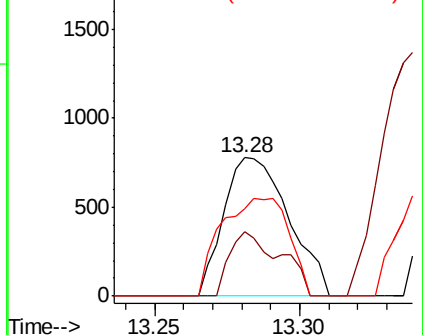


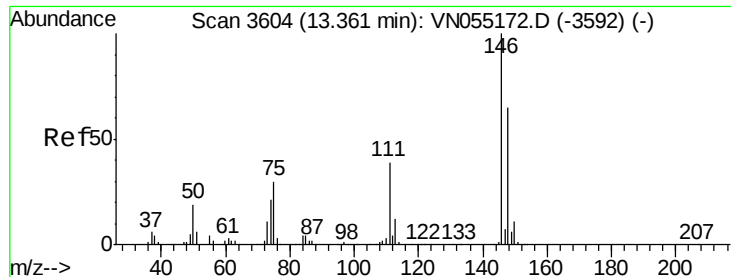
#87
 1,3-Dichlorobenzene
 Concen: 0.202 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

Tgt Ion:146 Resp: 1213
 Ion Ratio Lower Upper
 146 100
 111 36.1 20.3 60.8
 148 73.4 32.5 97.5



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





#88

1,4-Dichlorobenzene

Concen: 0.214 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

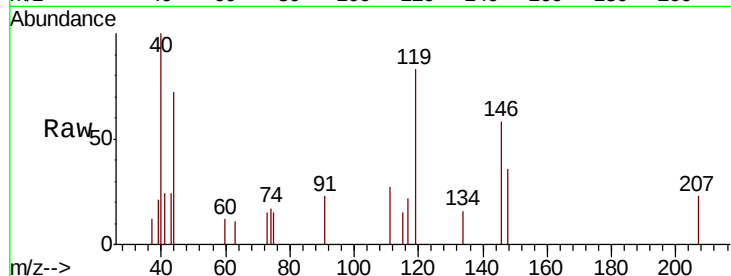
Tgt Ion: 146 Resp: 1213

Ion Ratio Lower Upper

146 100

111 36.1 19.5 58.5

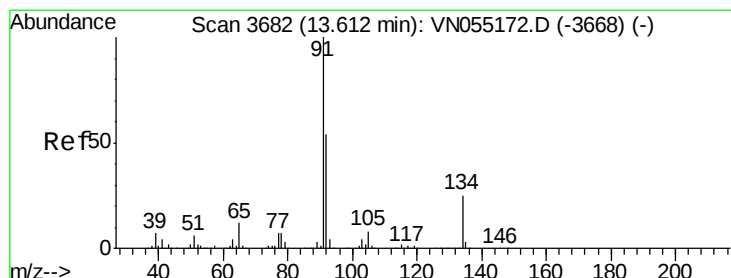
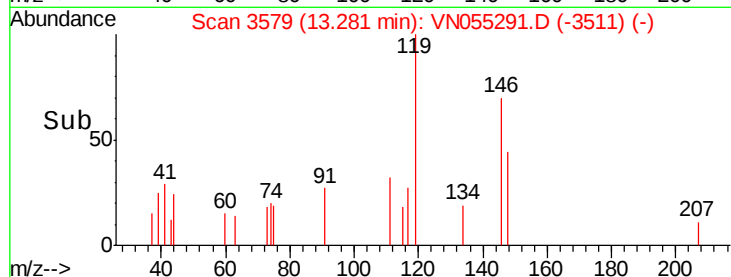
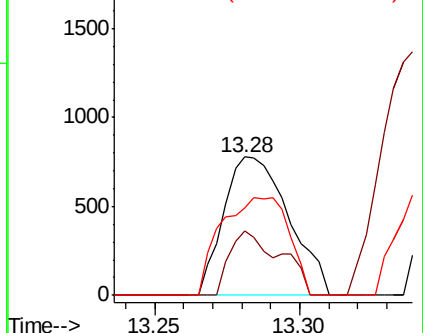
148 73.4 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.312 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

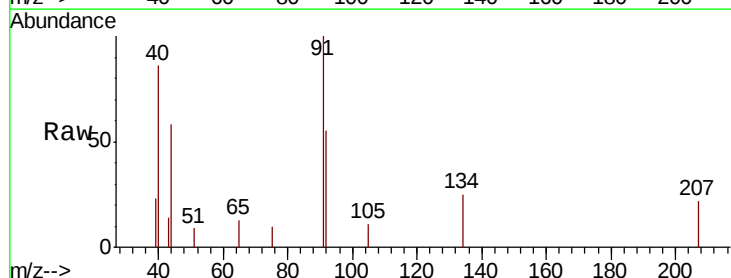
Tgt Ion: 91 Resp: 2796

Ion Ratio Lower Upper

91 100

92 59.2 26.1 78.3

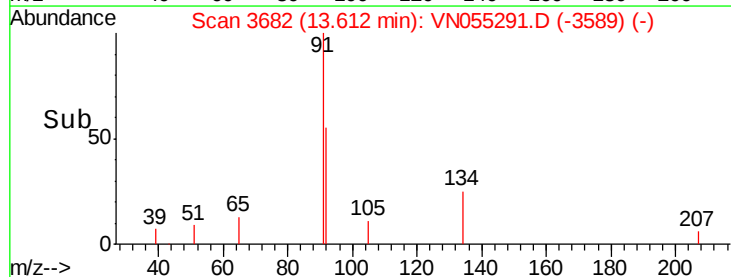
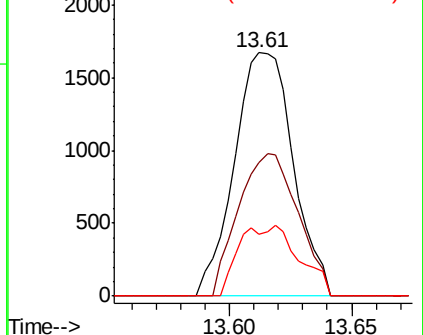
134 12.2 12.4 37.4#

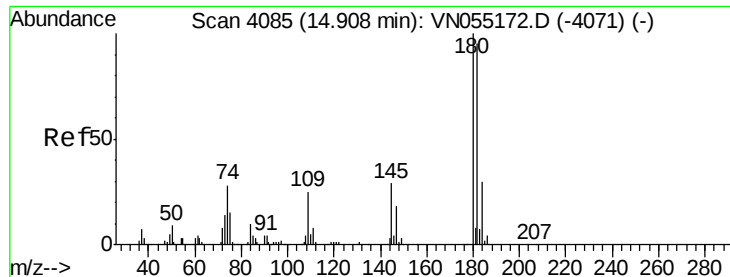


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

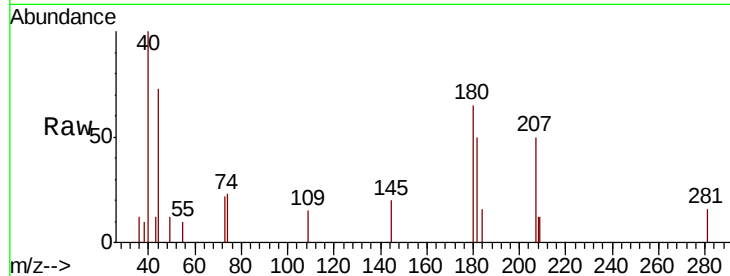




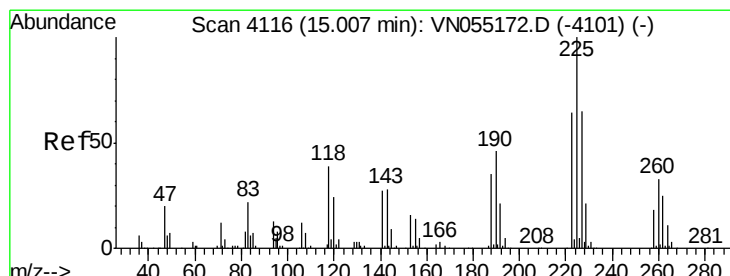
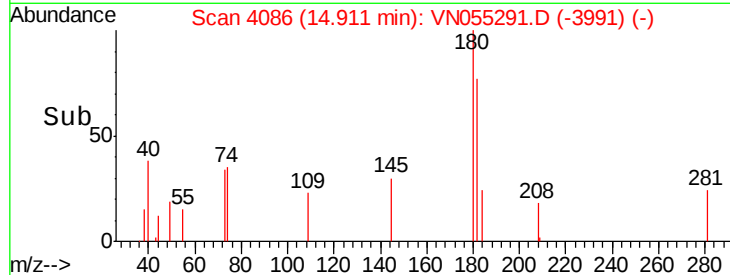
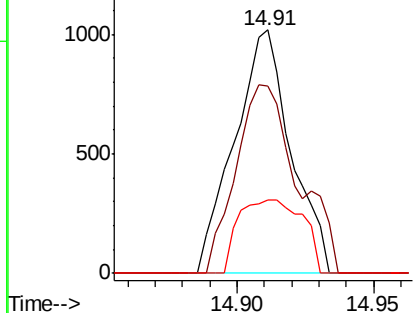
#93
 1,2,4-Trichlorobenzene
 Concen: 3.891 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

Instrument :
 MSVOA_N
 ClientSampled :
 PB119269TB

Tgt Ion:180 Resp: 1461
 Ion Ratio Lower Upper
 180 100
 182 84.4 48.3 144.9
 145 34.6 14.2 42.6

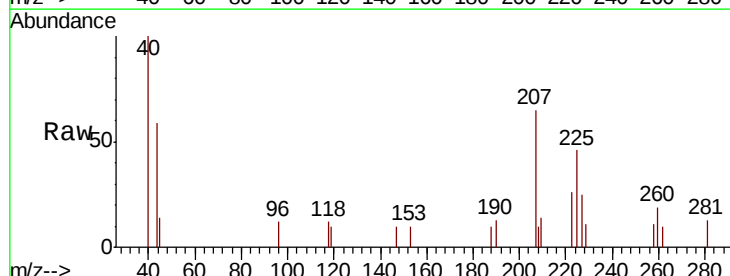


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

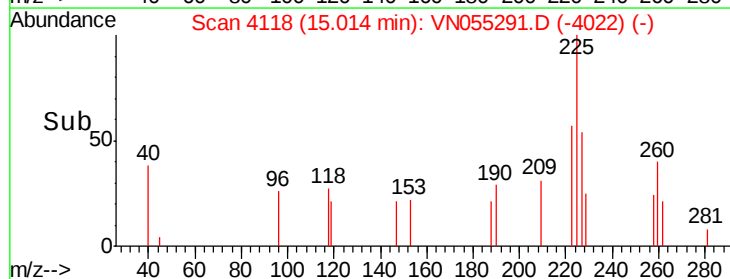
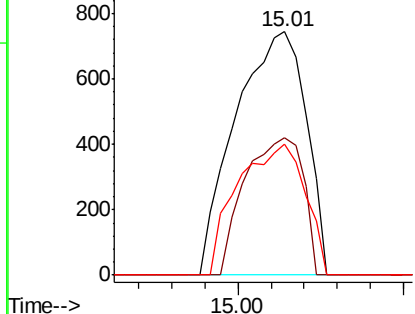


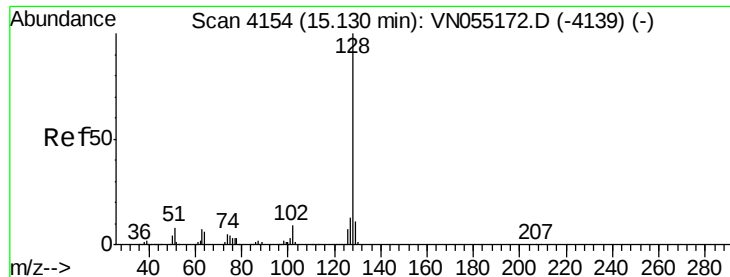
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.01 min
 Lab File: VN055291.D
 Acq: 29 Apr 2019 14:13

Tgt Ion:225 Resp: 1103
 Ion Ratio Lower Upper
 225 100
 223 46.6 30.3 90.8
 227 51.6 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.915 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

PB119269TB

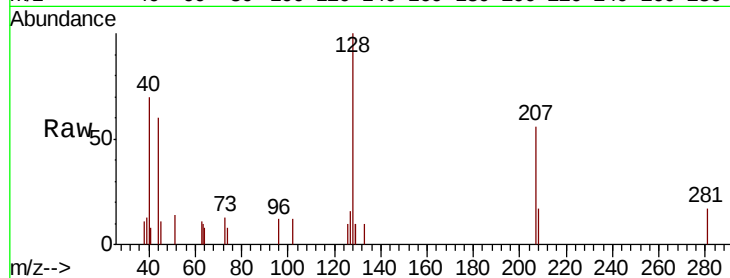
Tgt Ion:128 Resp: 3142

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 5.9 8.6 13.0#

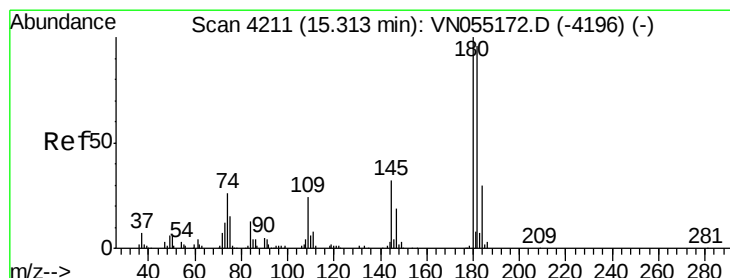
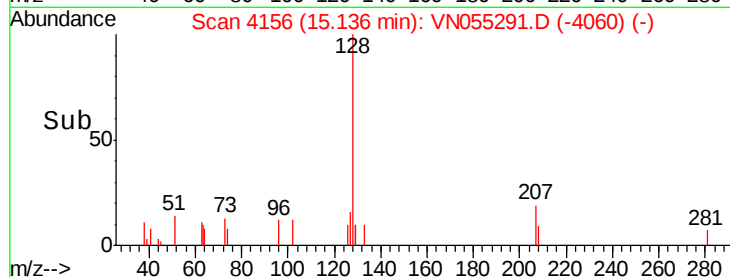
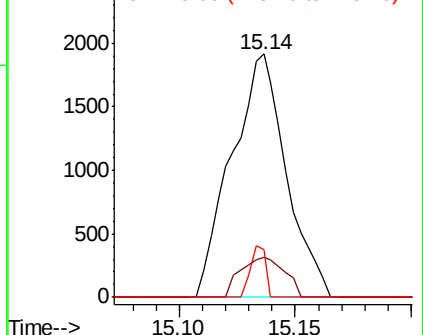


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.337 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

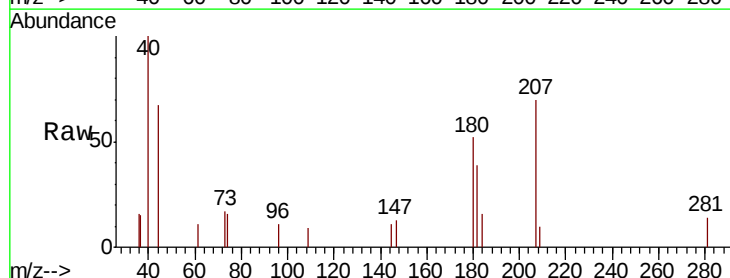
Tgt Ion:180 Resp: 1771

Ion Ratio Lower Upper

180 100

182 74.1 48.3 144.9

145 13.8 15.2 45.6#



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

