

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055182.D
 Acq On : 22 Apr 2019 15:37
 Operator : JC/SP
 Sample : PB119083TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119083TB

Quant Time: Apr 23 06:00:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	386478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	657133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173538	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	259649	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
35) Dibromofluoromethane	7.59	113	213346	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	797227	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	247087	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	293	10.125	ug/l #	14
16) Acetone	3.83	43	7179	4.151	ug/l	95
17) Carbon Disulfide	4.05	76	4825	0.434	ug/l	100
18) Methyl Acetate	4.33	43	5142	0.262	ug/l #	70
20) Methylene Chloride	4.55	84	19526	3.928	ug/l	94
25) 2-Butanone	6.84	43	469	0.210	ug/l #	53
29) Tetrahydrofuran	7.23	42	1266	0.922	ug/l #	83
31) Cyclohexane	7.66	56	8572	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	28617	4.692	ug/l #	50
38) Carbon Tetrachloride	7.67	117	35393	6.197	ug/l #	17
43) Isopropyl Acetate	8.17	43	16998	2.133	ug/l #	85
45) 1,2-Dichloropropane	9.26	63	1735	0.326	ug/l #	45
48) Methyl methacrylate	9.18	41	8874	2.295	ug/l #	15
49) 1,4-Dioxane	9.27	88	31	0.694	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5796	1.264	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	55923	8.062	ug/l #	67
57) 1,3-Dichloropropane	10.76	76	11871	1.677	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	227	11.393	ug/l #	51
59) 2-Hexanone	10.76	43	192557	66.465	ug/l #	54
71) Bromoform	12.40	173	993	0.369	ug/l #	29
73) Isopropylbenzene	12.25	105	1380	Below Cal	#	73
74) N-amyl acetate	11.88	43	18374	4.107	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.51	83	135	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	124915	35.481	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11252	0.866	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	124915	134.502	ug/l #	5
83) tert-Butylbenzene	12.99	119	988	Below Cal		99
87) 1,3-Dichlorobenzene	13.29	146	1267	0.215	ug/l	83
88) 1,4-Dichlorobenzene	13.29	146	1267	0.221	ug/l	82
89) n-Butylbenzene	13.61	91	2758	0.307	ug/l	86
93) 1,2,4-Trichlorobenzene	14.91	180	1482	3.287	ug/l	90
94) Hexachlorobutadiene	15.01	225	867	Below Cal	#	53
95) Naphthalene	15.13	128	3360	3.952	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	1747	2.783	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
Data File : VN055182.D
Acq On : 22 Apr 2019 15:37
Operator : JC/SP
Sample : PB119083TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB119083TB

Quant Time: Apr 23 06:00:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

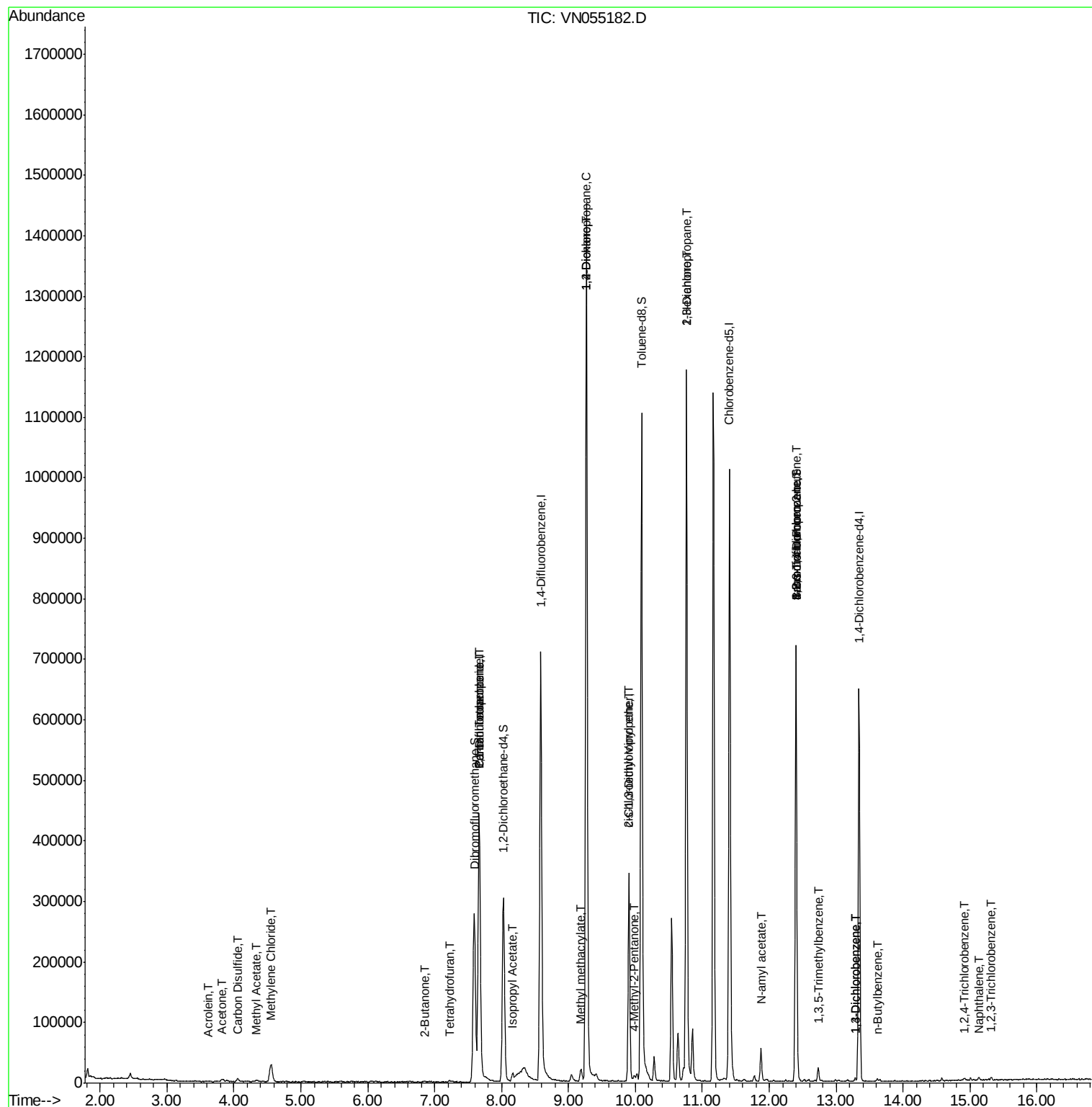
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

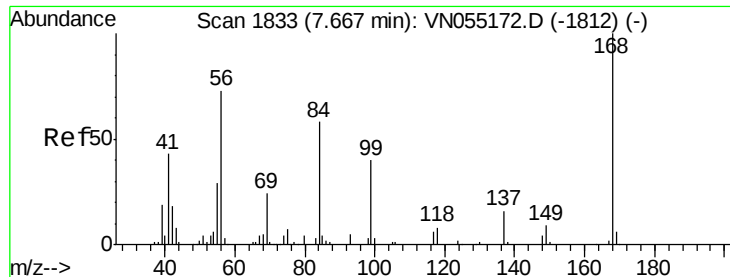
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042219\
Data File : VN055182.D
Acq On : 22 Apr 2019 15:37
Operator : JC/SP
Sample : PB119083TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB119083TB

Quant Time: Apr 23 06:00:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

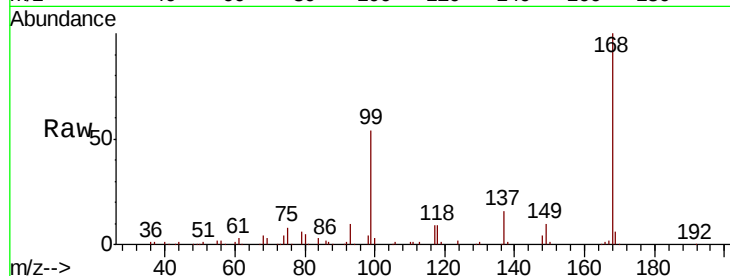
PB119083TB

Tot Ion:168 Resp: 386478

Ion Ratio Lower Upper

168 100

99 53.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

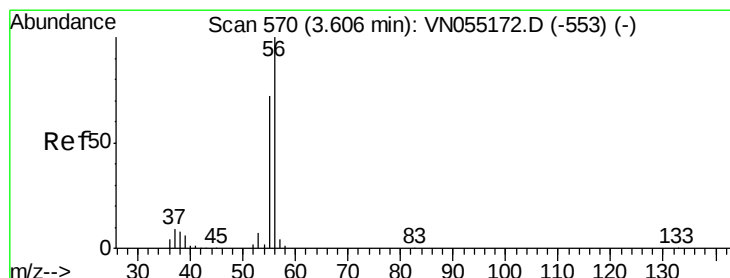
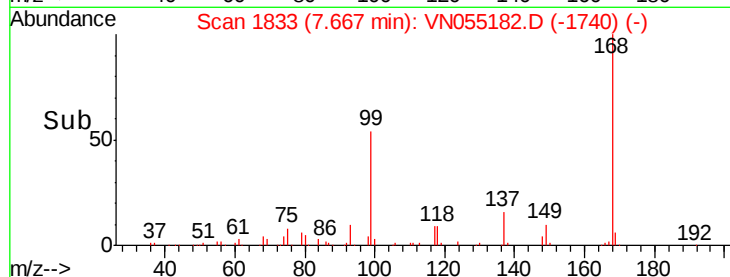
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 10.125 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN055182.D

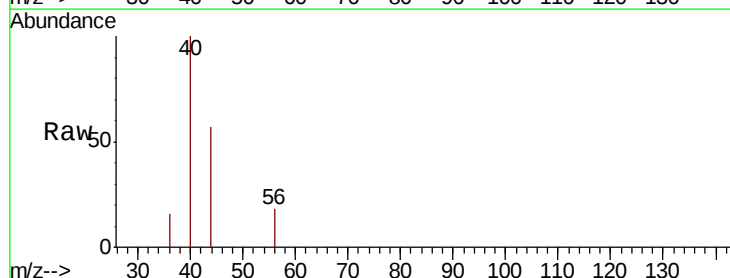
Acq: 22 Apr 2019 15:37

Tgt Ion: 56 Resp: 293

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.62

300

250

200

150

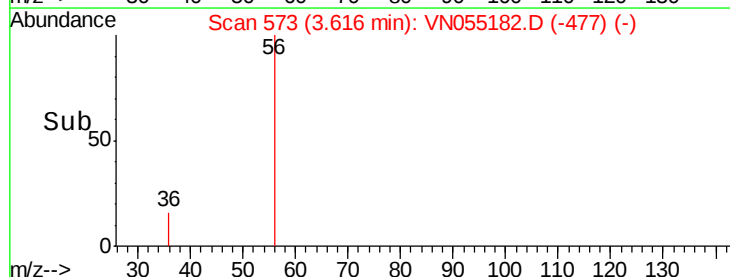
100

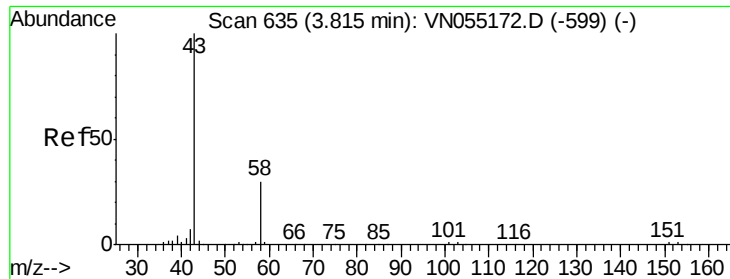
50

0

3.59 3.60 3.61 3.62 3.63

Time-->





#16

Acetone

Concen: 4.151 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampled :

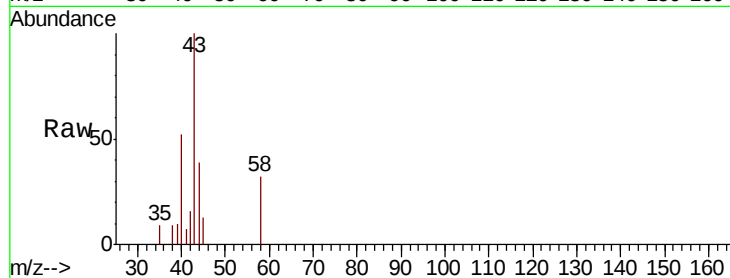
PB119083TB

Tot Ion: 43 Resp: 7179

Ion Ratio Lower Upper

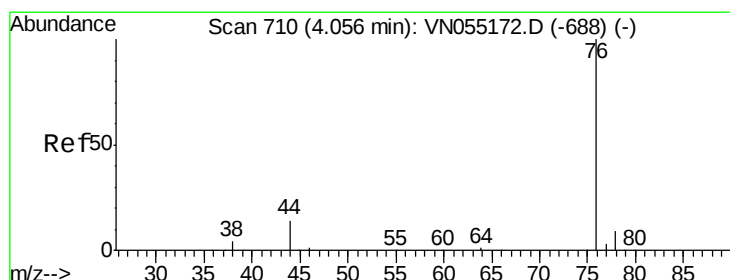
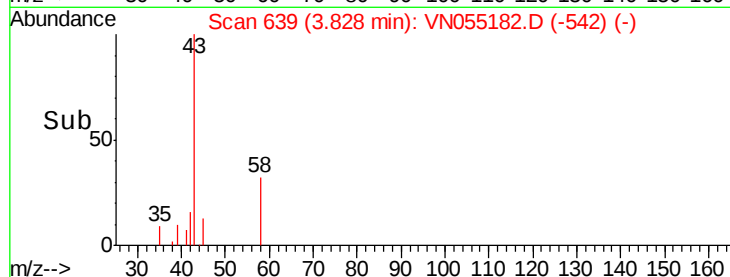
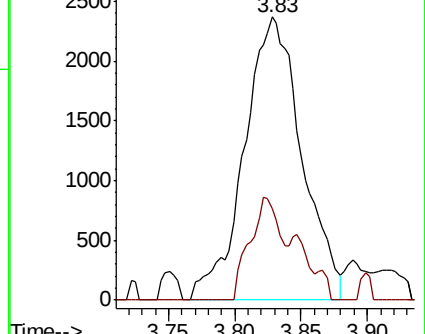
43 100

58 32.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.434 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN055182.D

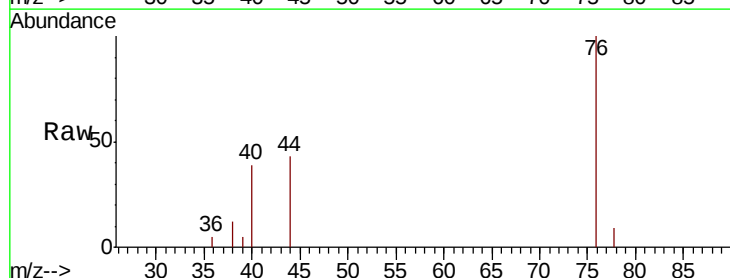
Acq: 22 Apr 2019 15:37

Tgt Ion: 76 Resp: 4825

Ion Ratio Lower Upper

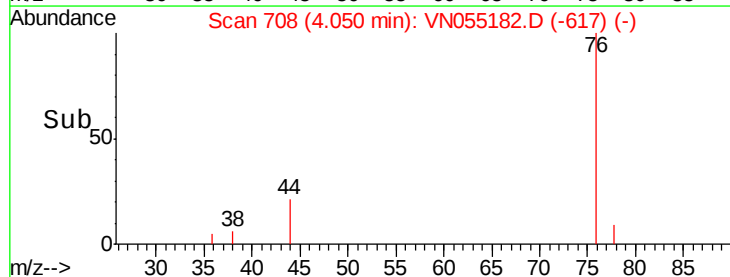
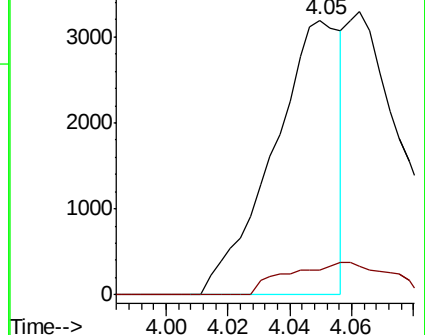
76 100

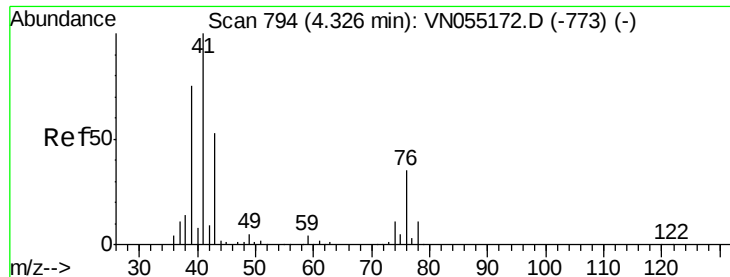
78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

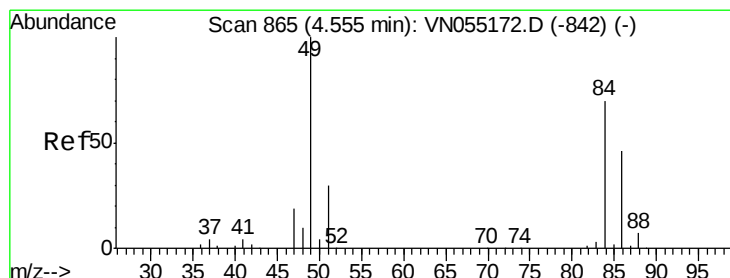
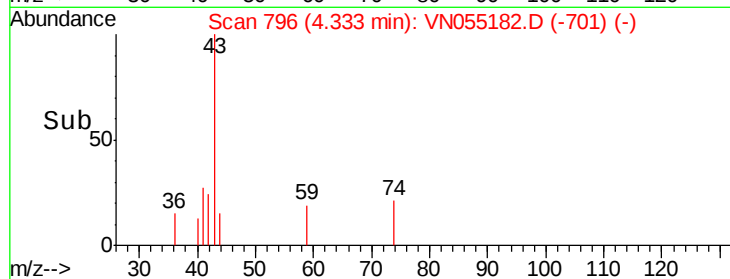
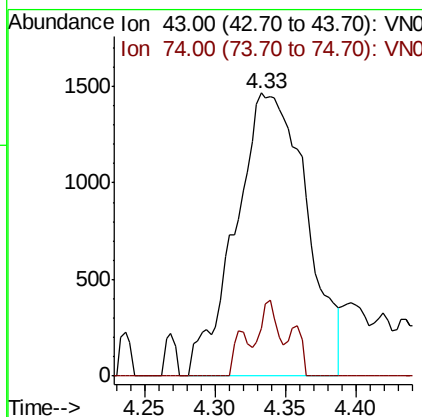
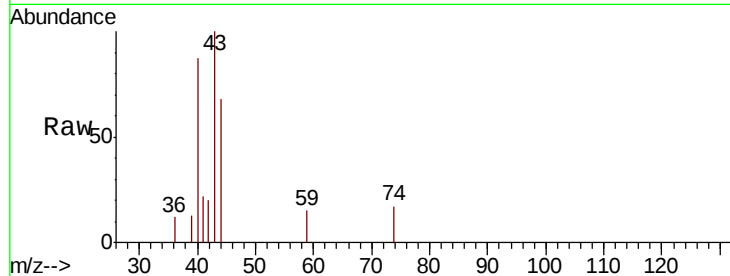




#18
Methyl Acetate
Concen: 0.262 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055182.D
Acq: 22 Apr 2019 15:37

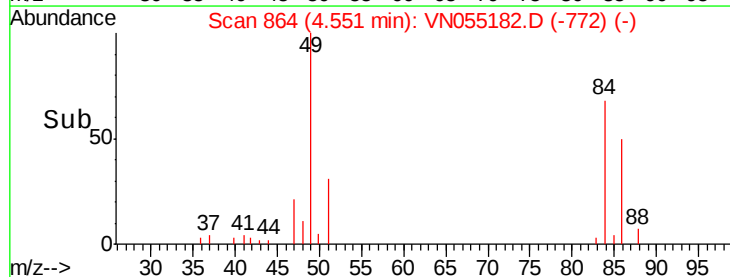
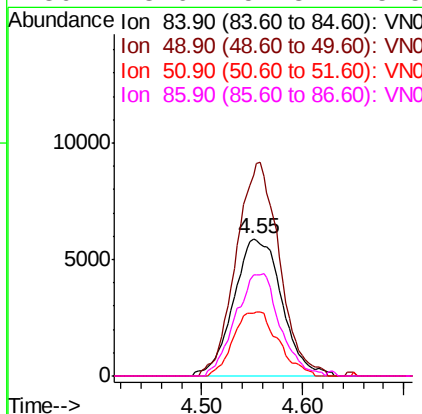
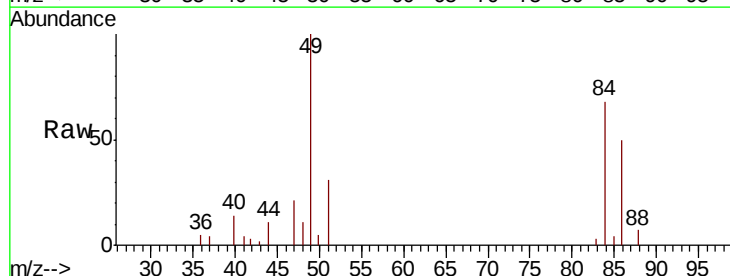
Instrument :
MSVOA_N
ClientSampled :
PB119083TB

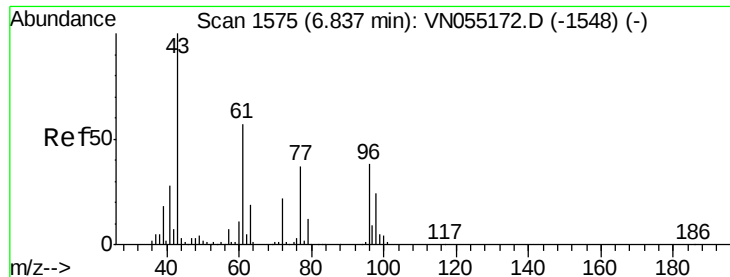
Tot Ion: 43 Resp: 5142
Ion Ratio Lower Upper
43 100
74 7.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.928 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055182.D
Acq: 22 Apr 2019 15:37

Tgt Ion: 84 Resp: 19526
Ion Ratio Lower Upper
84 100
49 147.1 113.8 170.6
51 46.2 34.0 51.0
86 73.6 52.3 78.5





#25

2-Butanone

Concen: 0.210 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

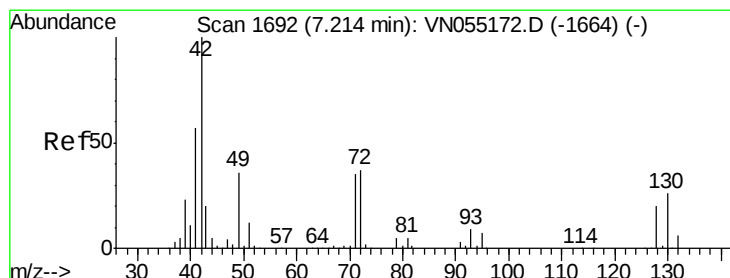
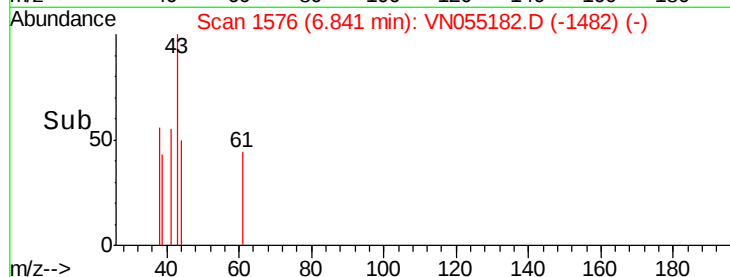
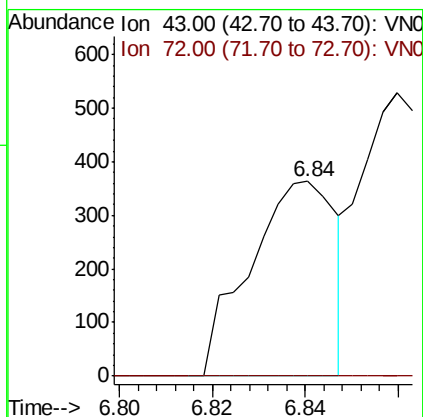
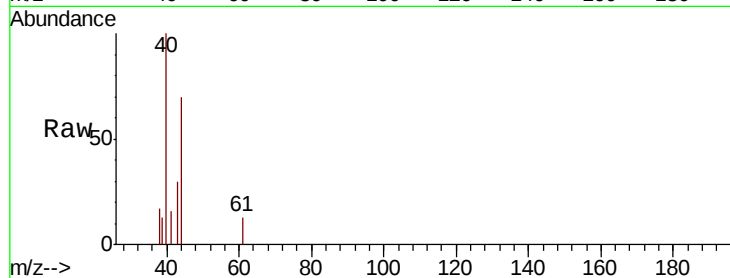
PB119083TB

Tot Ion: 43 Resp: 469

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#



#29

Tetrahydrofuran

Concen: 0.922 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

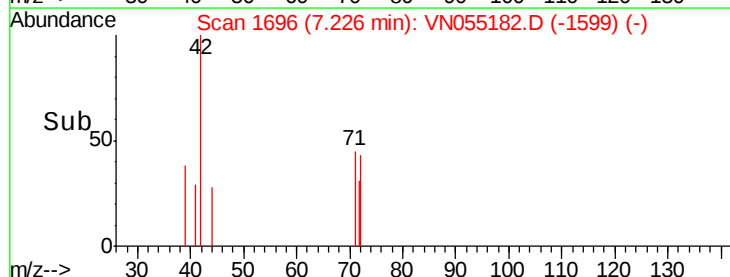
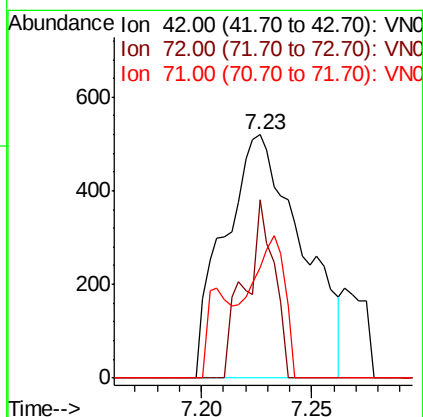
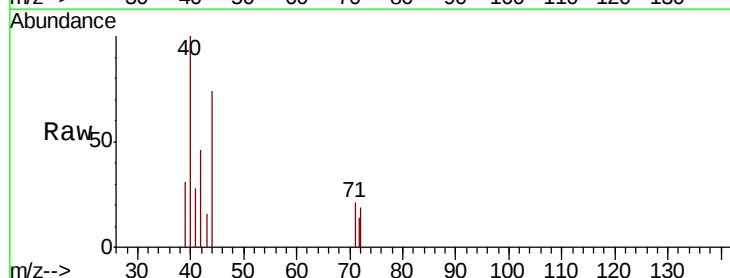
Tgt Ion: 42 Resp: 1266

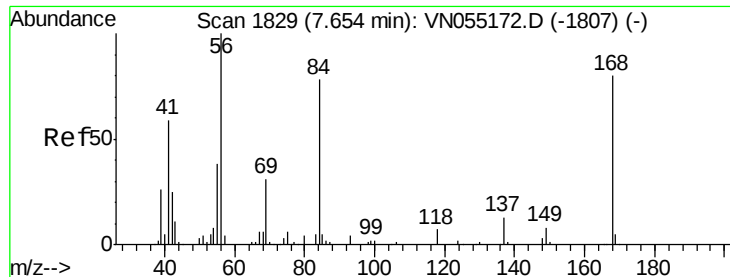
Ion Ratio Lower Upper

42 100

72 27.6 29.4 44.2#

71 24.6 27.8 41.8#

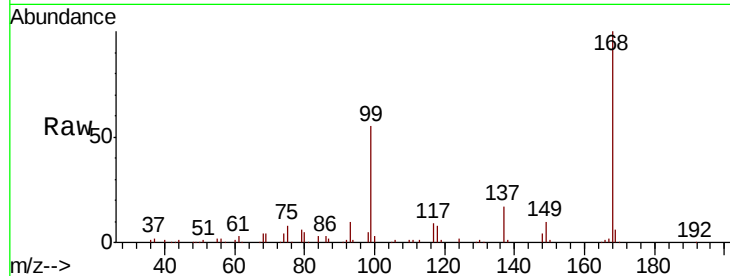




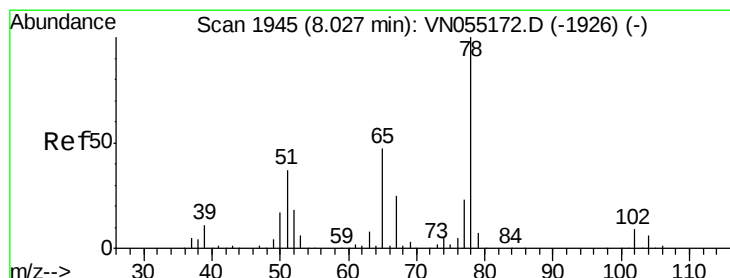
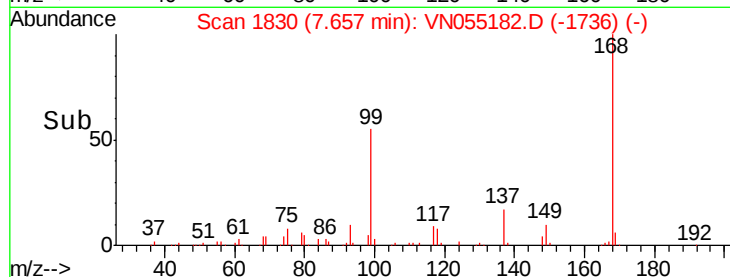
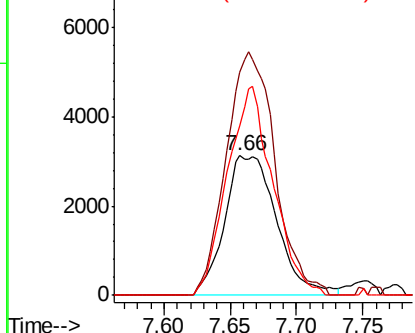
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055182.D
Acq: 22 Apr 2019 15:37

Instrument :
MSVOA_N
ClientSampleId :
PB119083TB

Tot Ion: 56 Resp: 8572
Ion Ratio Lower Upper
56 100
69 160.2 24.6 37.0#
84 121.4 61.4 92.2#

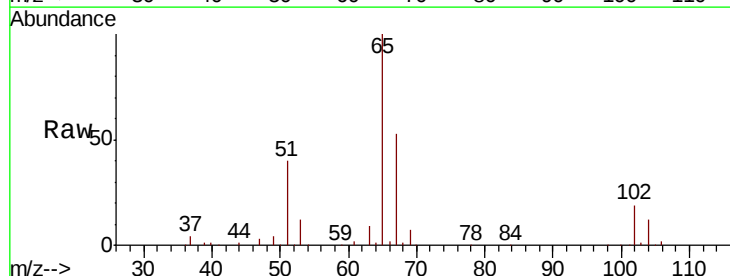


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

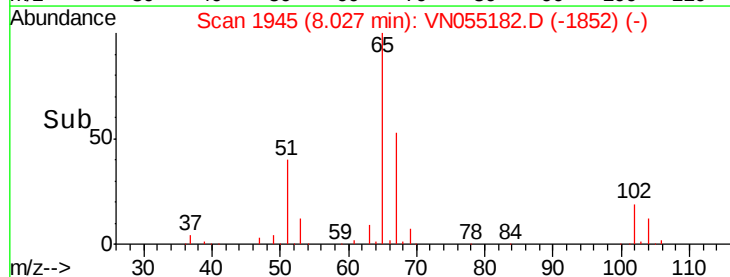
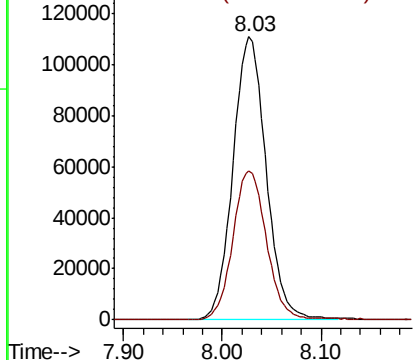


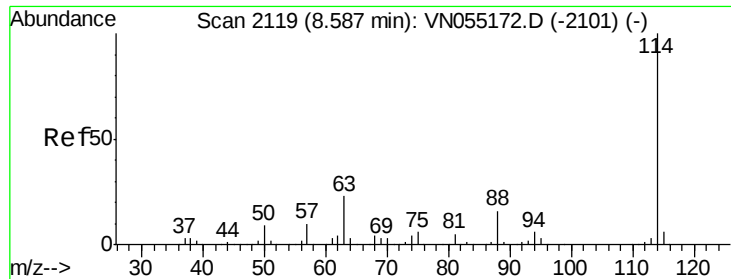
#33
1,2-Dichloroethane-d4
Concen: 49.636 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055182.D
Acq: 22 Apr 2019 15:37

Tgt Ion: 65 Resp: 259649
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

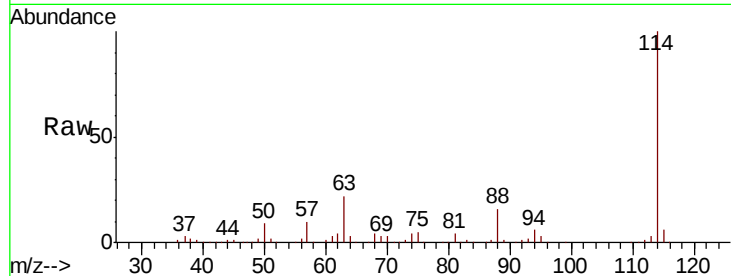




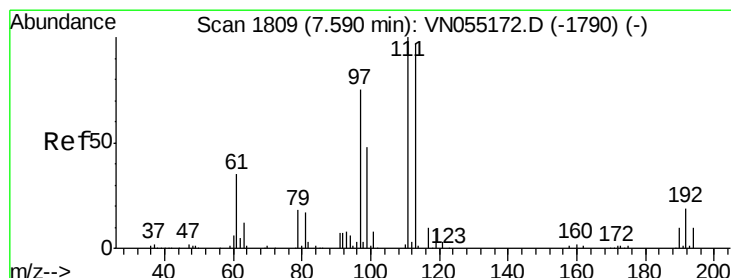
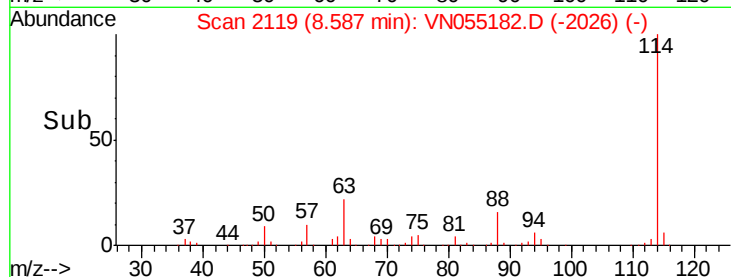
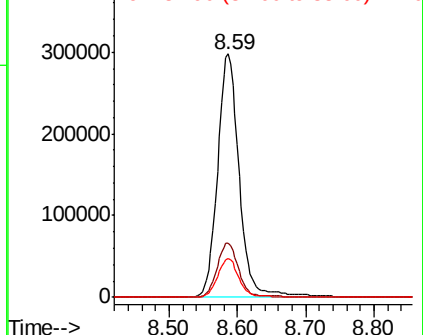
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119083TB

Tot Ion:114 Resp: 657133
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 16.1 0.0 32.8

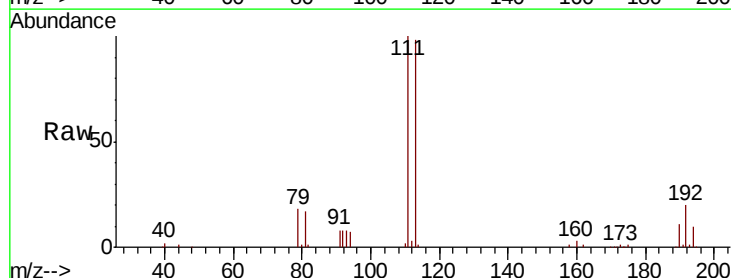


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

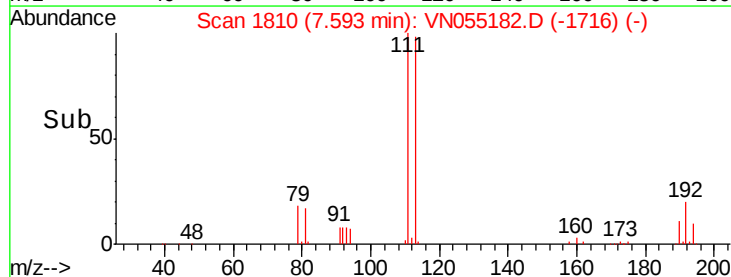
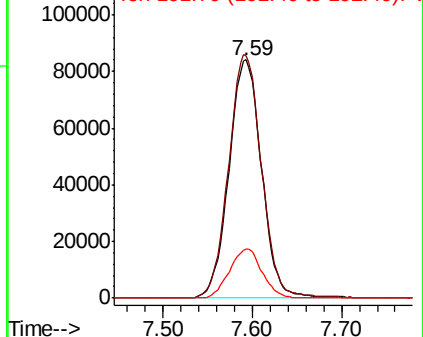


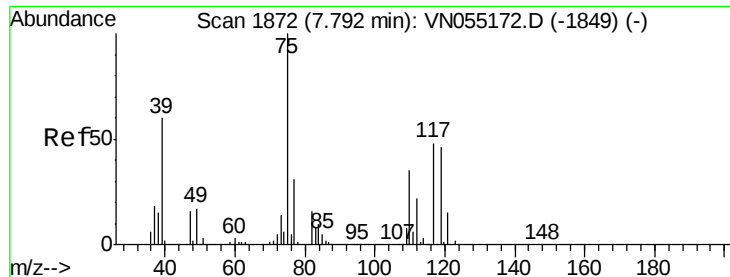
#35
 Dibromofluoromethane
 Concen: 47.790 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

Tgt Ion:113 Resp: 213346
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.4
 192 20.7 16.2 24.4



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: 4.692 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

PB119083TB

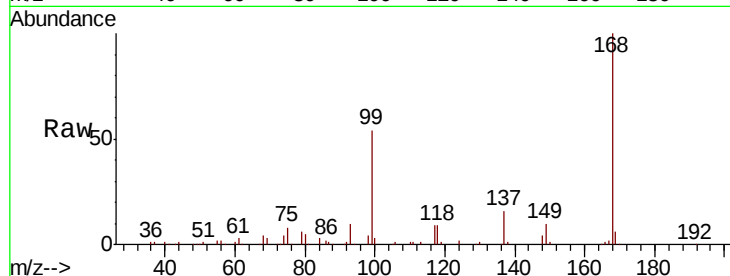
Tot Ion: 75 Resp: 28617

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

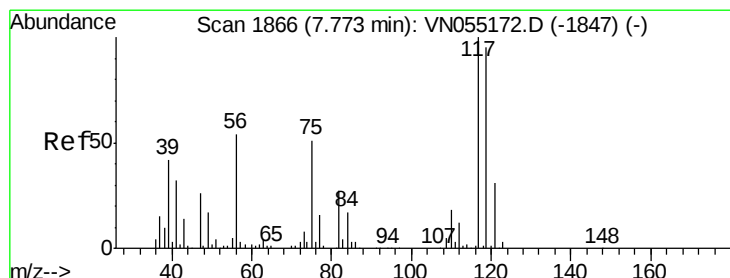
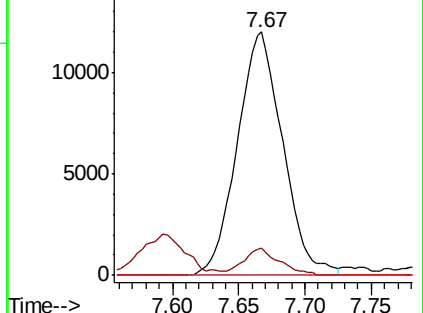
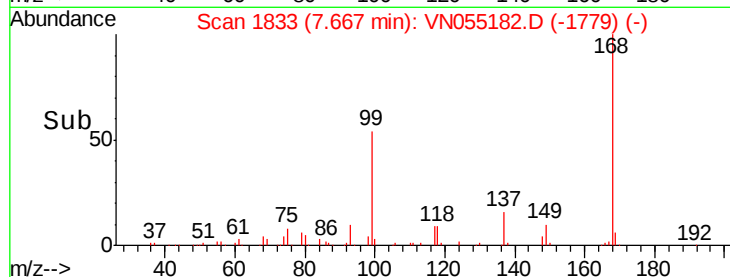
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055182.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN055182.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN055182.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 6.197 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

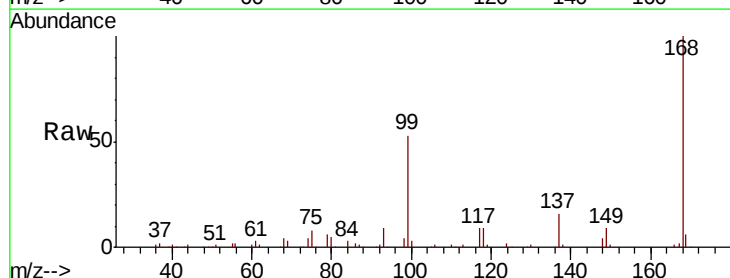
Tgt Ion: 117 Resp: 35393

Ion Ratio Lower Upper

117 100

119 5.7 76.0 114.0#

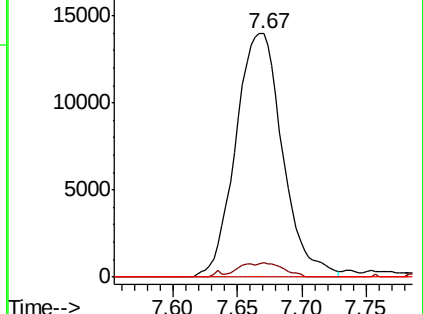
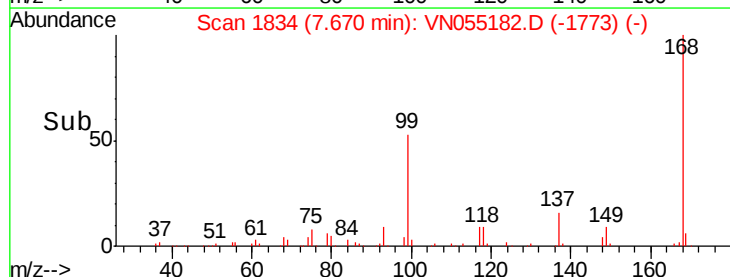
121 0.0 24.6 36.8#

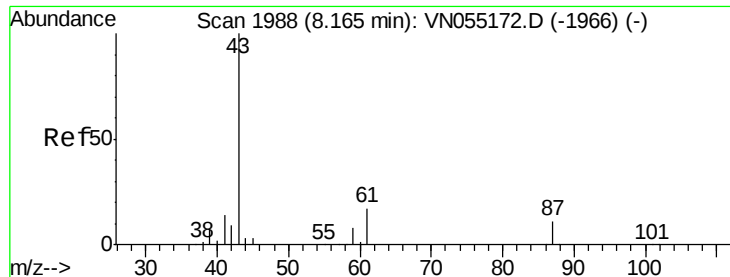


Abundance Ion 116.80 (116.50 to 117.50): VN055182.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN055182.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN055182.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 2.133 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

PB119083TB

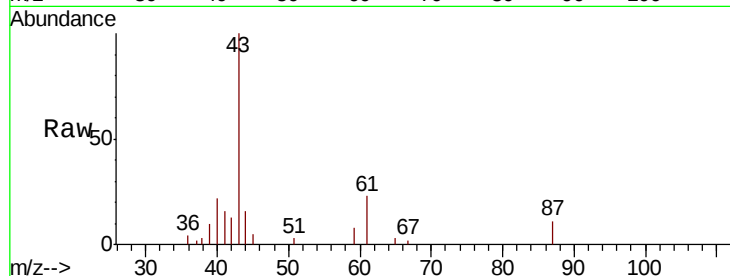
Tot Ion: 43 Resp: 16998

Ion Ratio Lower Upper

43 100

61 17.4 20.6 30.8#

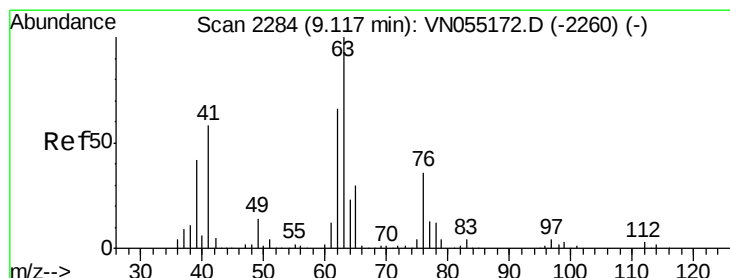
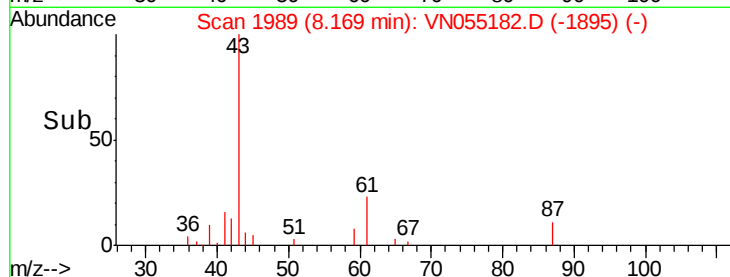
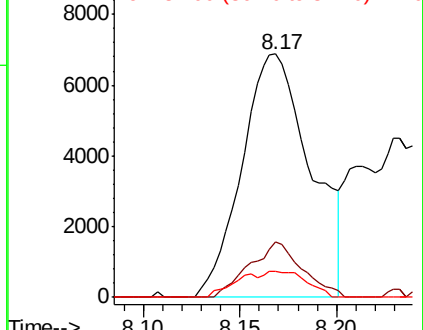
87 6.0 8.8 13.2#



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



#45

1,2-Dichloropropane

Concen: 0.326 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN055182.D

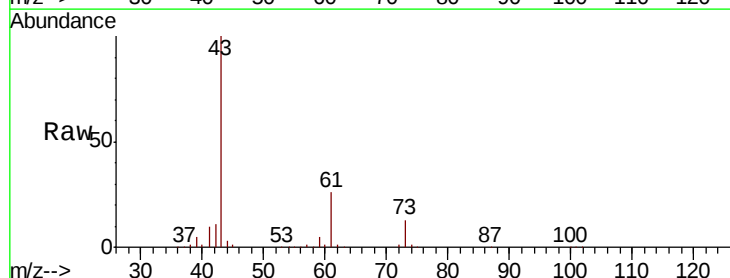
Acq: 22 Apr 2019 15:37

Tgt Ion: 63 Resp: 1735

Ion Ratio Lower Upper

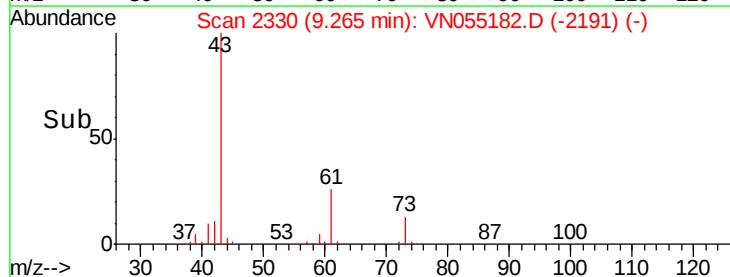
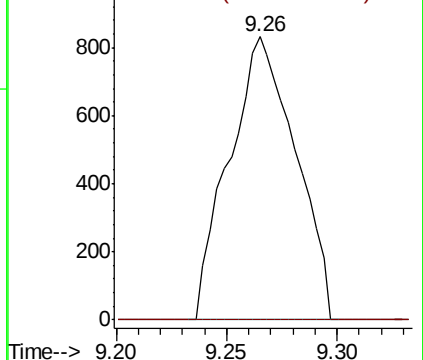
63 100

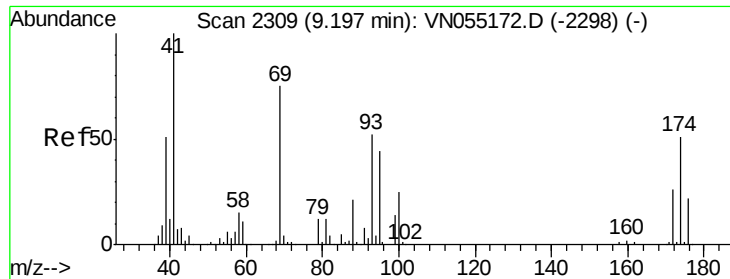
65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

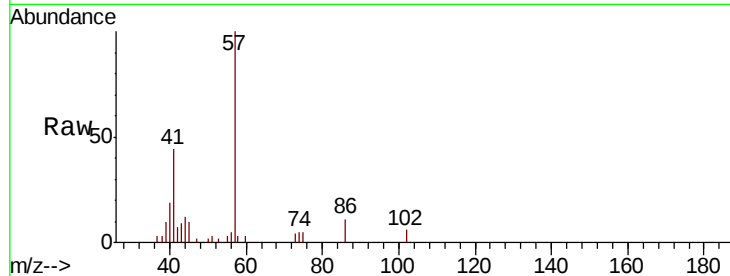




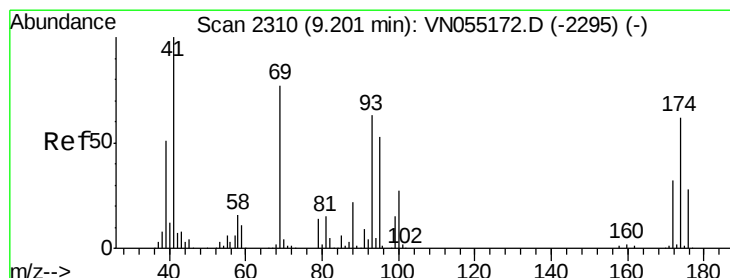
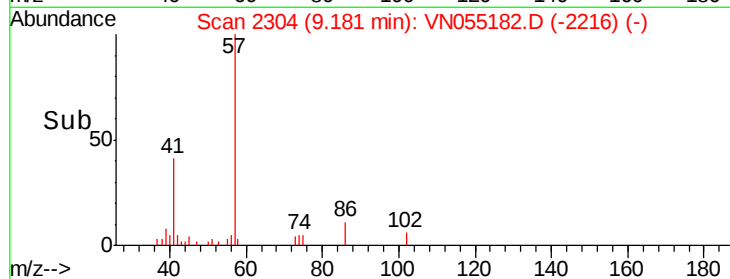
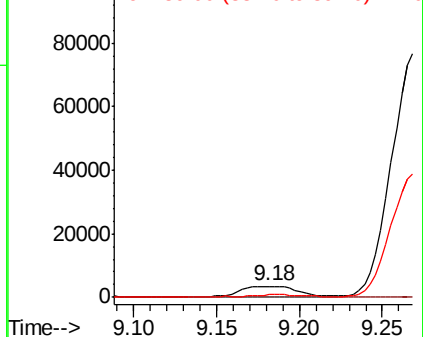
#48
Methyl methacrylate
Concen: 2.295 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055182.D
Acq: 22 Apr 2019 15:37

Instrument :
MSVOA_N
ClientSampleID :
PB119083TB

Tot Ion: 41 Resp: 8874
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 0.0 43.8 65.8#

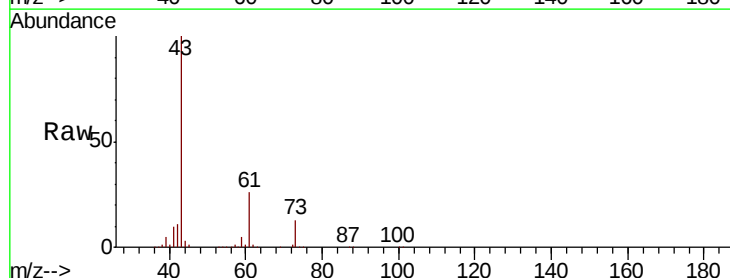


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

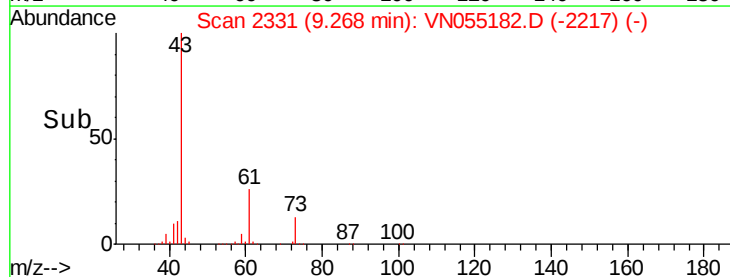
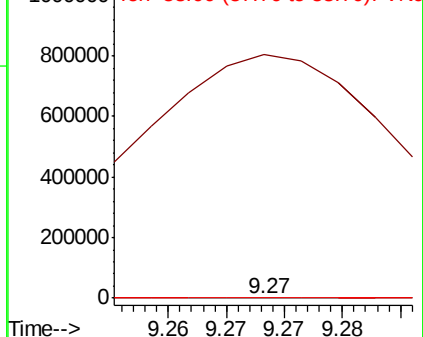


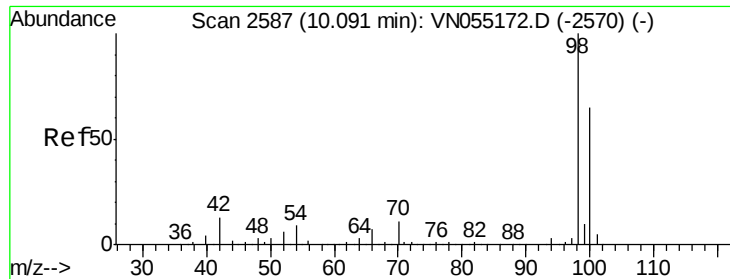
#49
1,4-Dioxane
Concen: 0.694 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN055182.D
Acq: 22 Apr 2019 15:37

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 4885822.6 32.0 48.0#
58 21890.3 60.4 90.6#



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





#50

Toluene-d8

Concen: 48.198 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

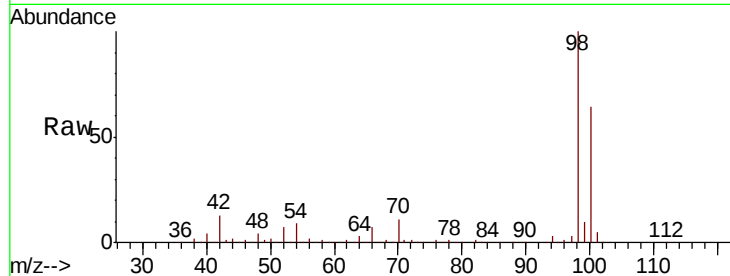
PB119083TB

Tot Ion: 98 Resp: 797227

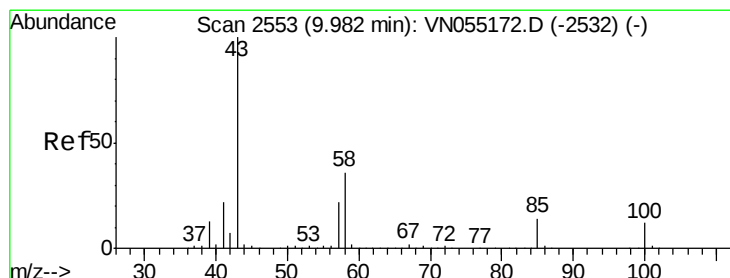
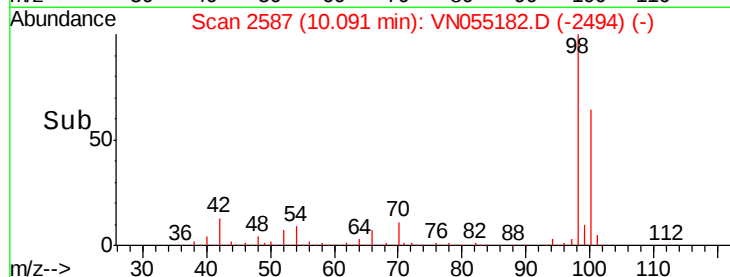
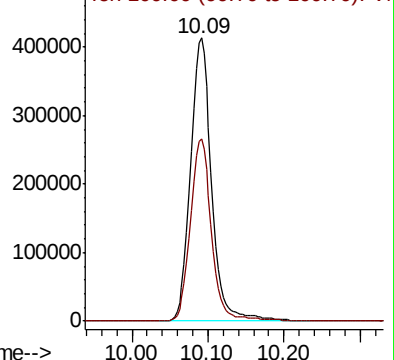
Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055182.D (-2494) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.264 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055182.D

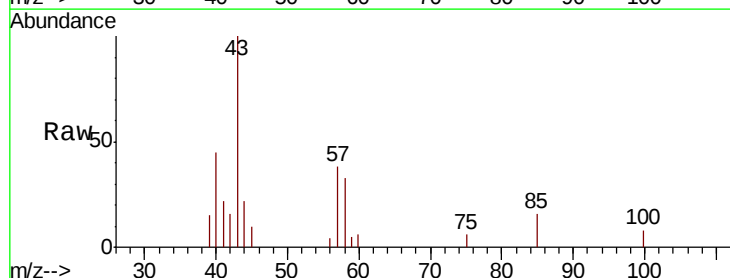
Acq: 22 Apr 2019 15:37

Tgt Ion: 43 Resp: 5796

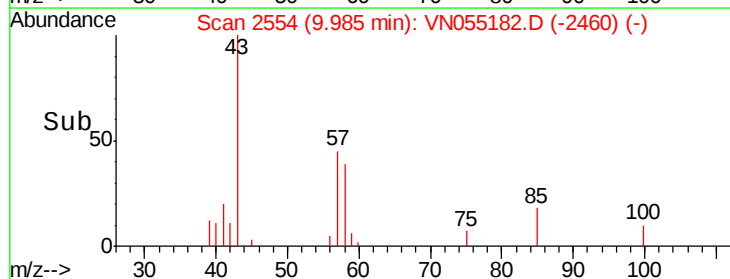
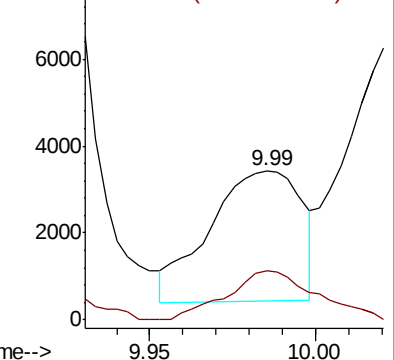
Ion Ratio Lower Upper

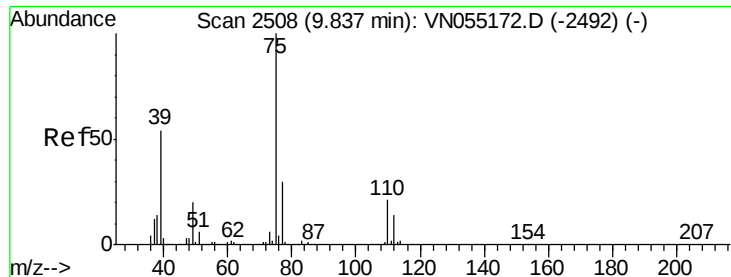
43 100

58 36.9 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN055182.D (-2460) (-)



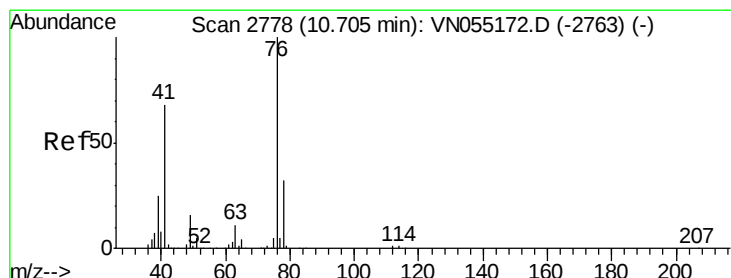
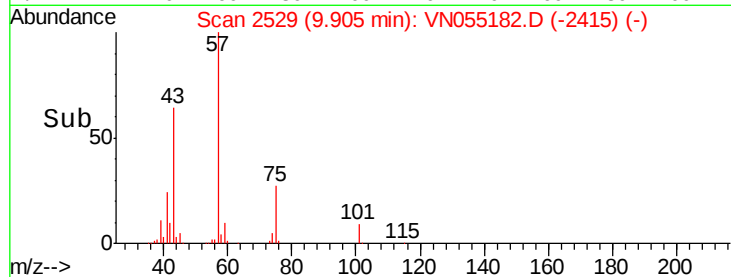
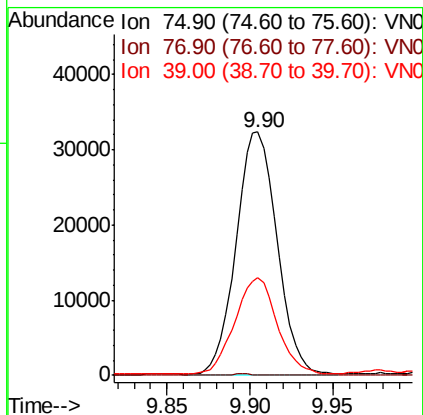
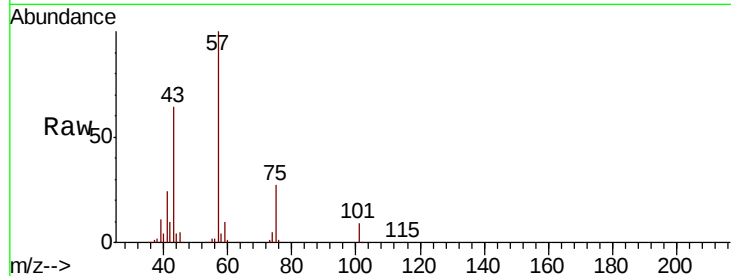


#54

cis-1,3-Dichloropropene
 Concen: 8.062 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119083TB

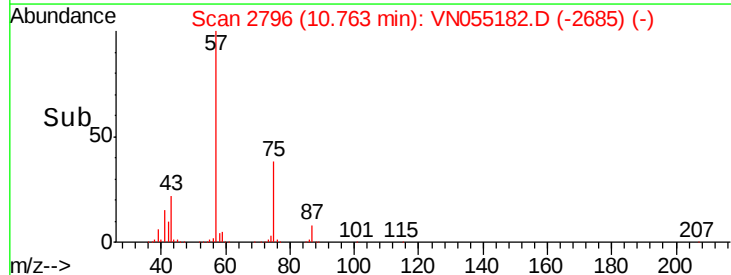
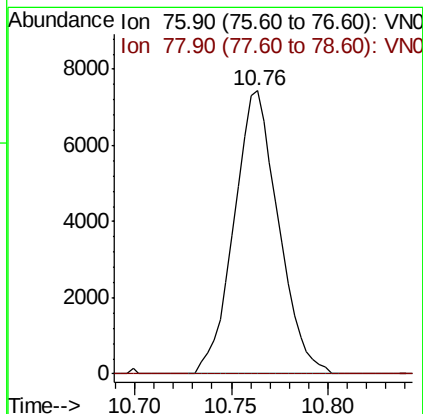
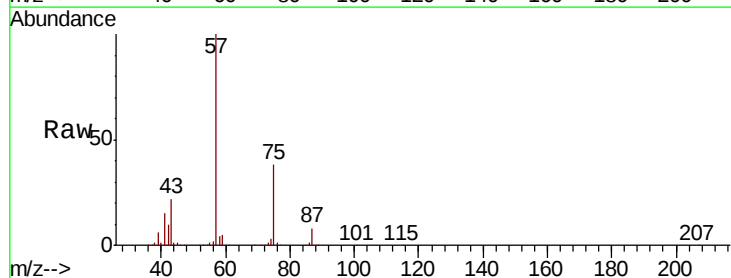
Tot Ion: 75 Resp: 55923
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 39.4 43.0 64.4#

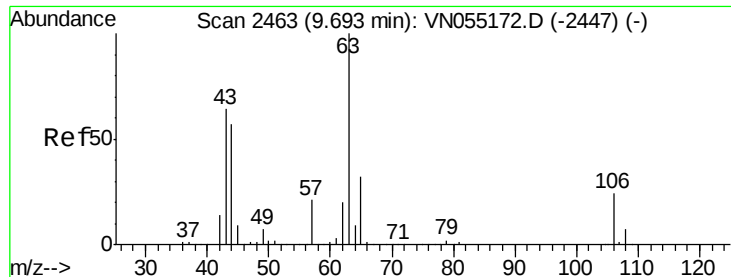


#57

1,3-Dichloropropane
 Concen: 1.677 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

Tgt Ion: 76 Resp: 11871
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.3 37.9#

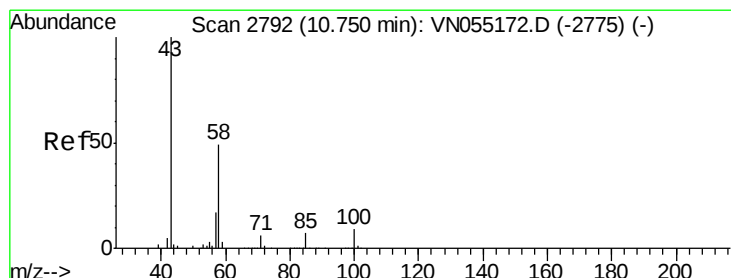
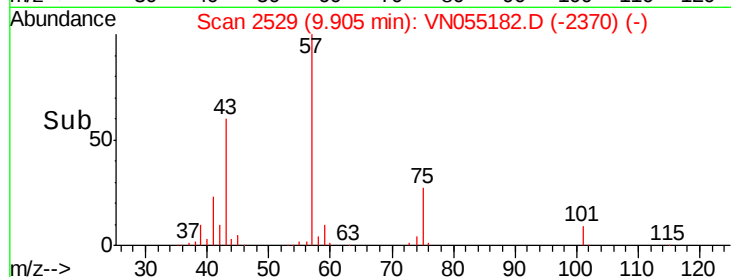
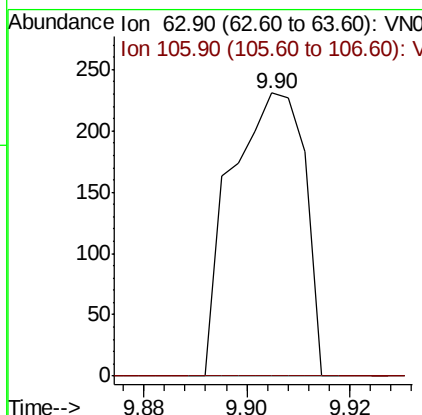
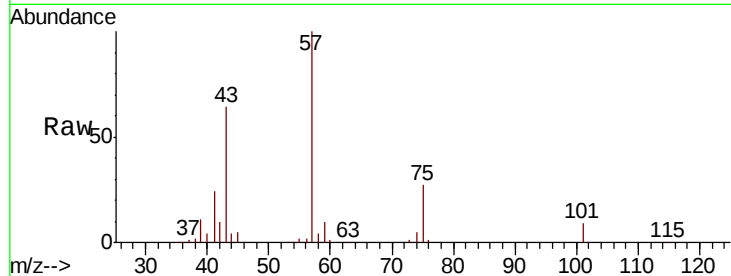




#58
 2-Chloroethyl Vinyl ether
 Concen: 11.393 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.21 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

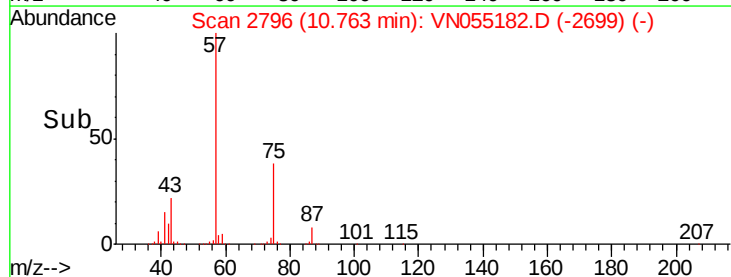
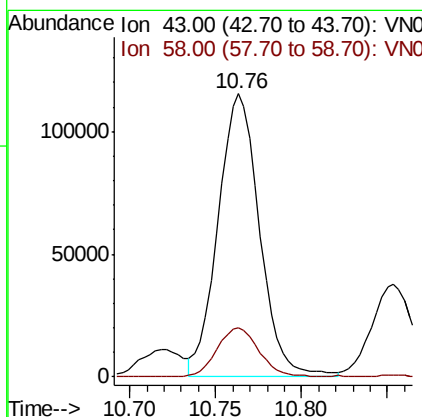
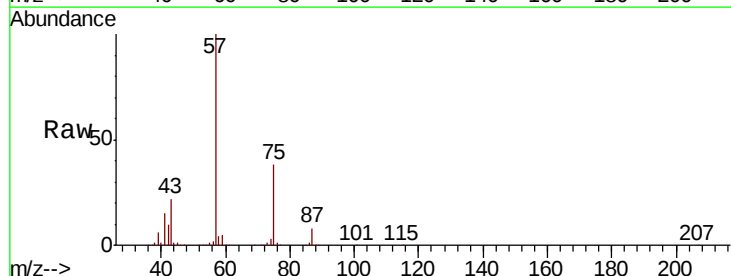
Instrument :
 MSVOA_N
 ClientSampleId :
 PB119083TB

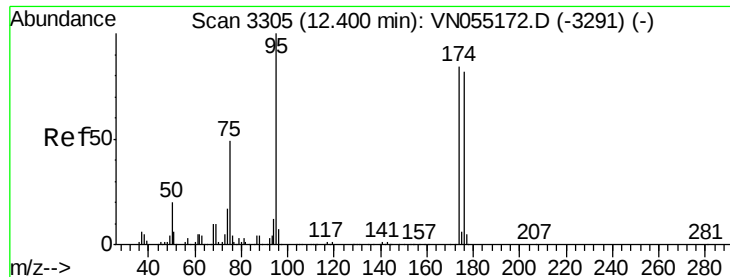
Tot Ion: 63 Resp: 227
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.0#



#59
 2-Hexanone
 Concen: 66.465 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

Tgt Ion: 43 Resp: 192557
 Ion Ratio Lower Upper
 43 100
 58 17.7 24.5 73.5#





#62

4-Bromofluorobenzene

Concen: 47.172 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

PB119083TB

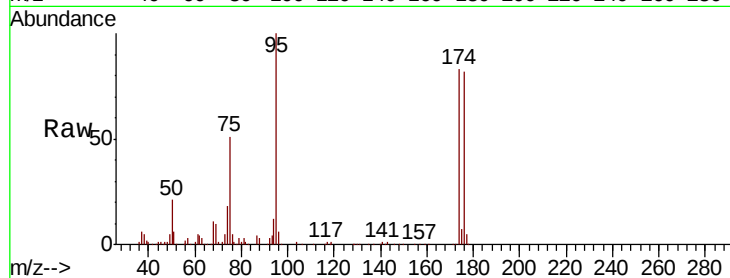
Tot Ion: 95 Resp: 247087

Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.4

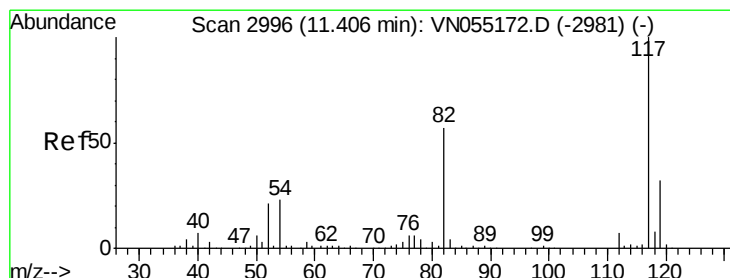
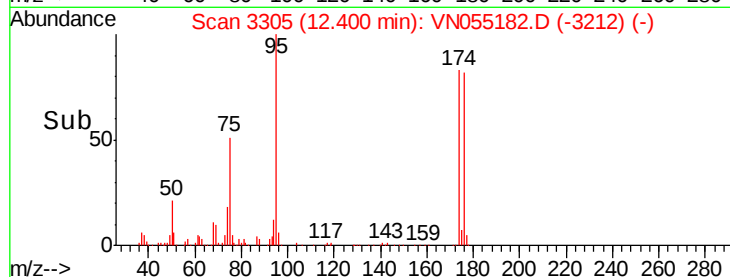
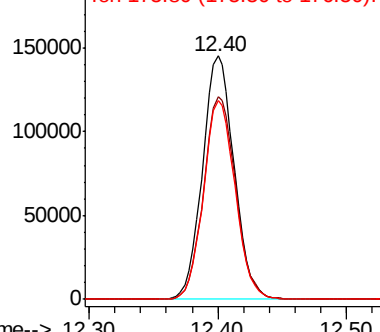
176 82.1 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055182.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055182.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055182.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

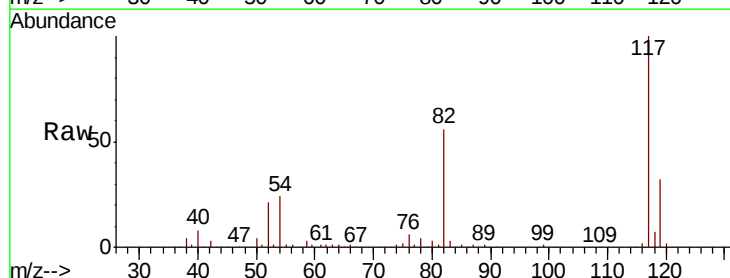
Tgt Ion: 117 Resp: 595493

Ion Ratio Lower Upper

117 100

82 55.7 45.7 68.5

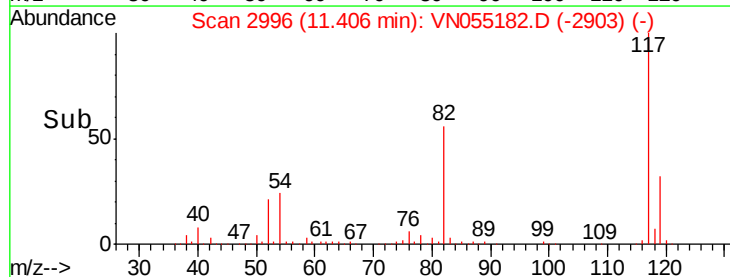
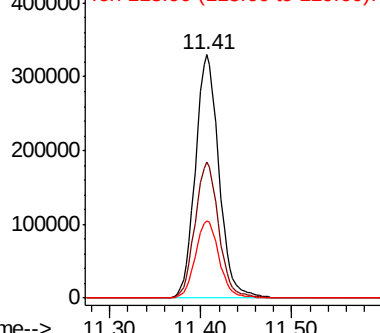
119 32.0 25.4 38.2

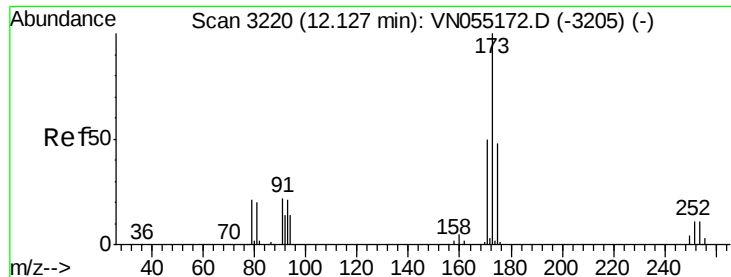


Abundance Ion 116.90 (116.60 to 117.60): VN055182.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055182.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055182.D (-2903) (-)





#71

Bromoform

Concen: 0.369 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

PB119083TB

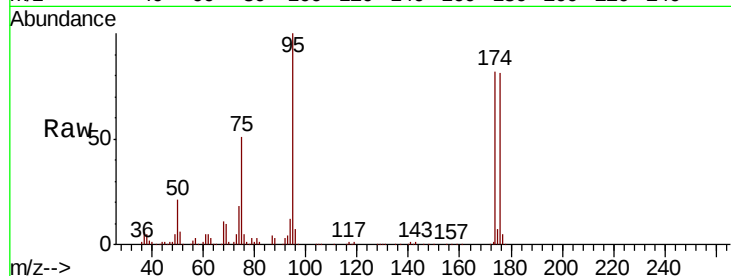
Tot Ion:173 Resp: 993

Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.2#

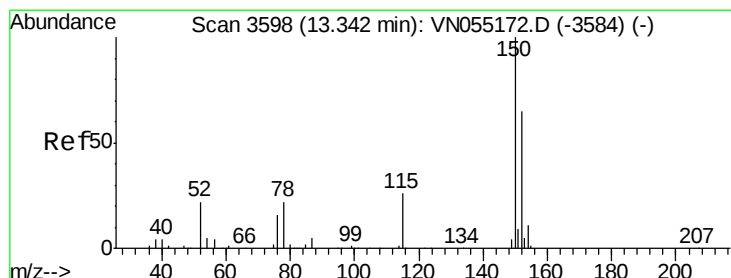
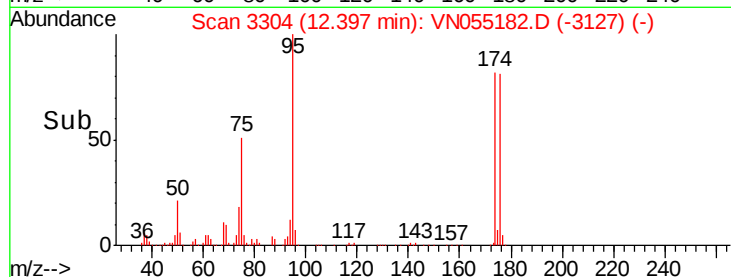
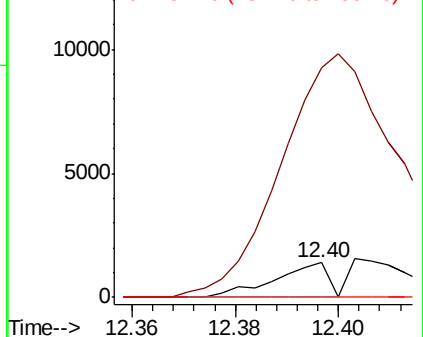
254 0.0 0.1 0.1#



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: VN055182.D

Acq: 22 Apr 2019 15:37

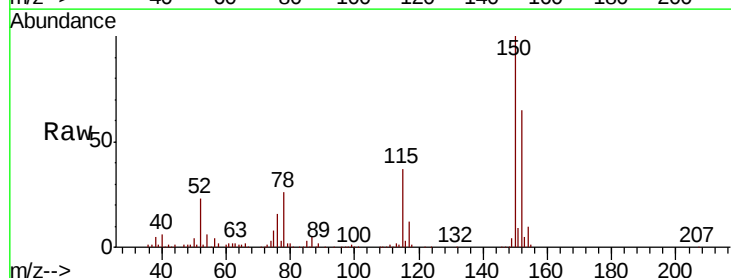
Tgt Ion:152 Resp: 173538

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

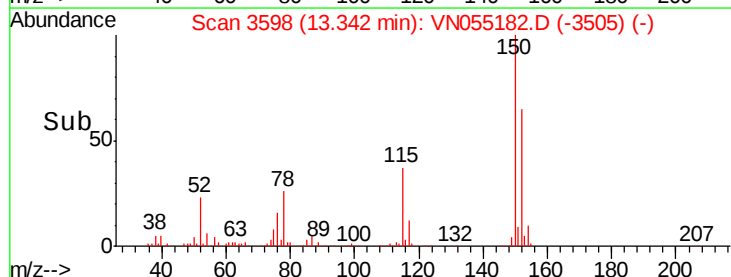
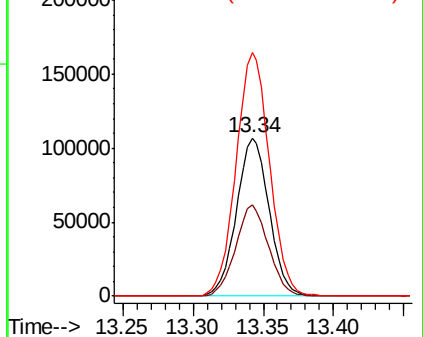
150 157.4 0.0 346.6

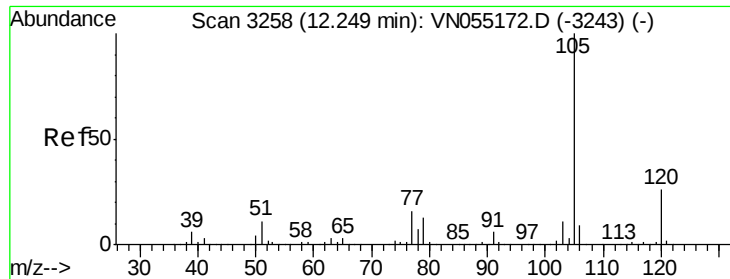


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3257

Delta R.T. -0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampled :

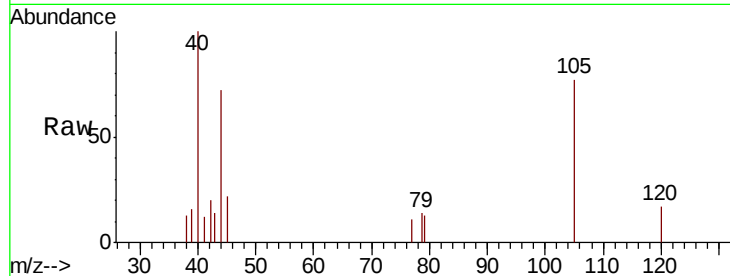
PB119083TB

Tot Ion:105 Resp: 1380

Ion Ratio Lower Upper

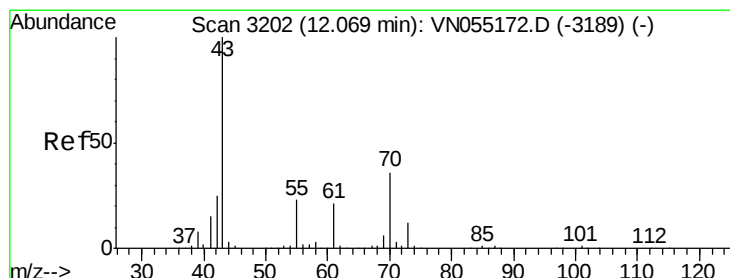
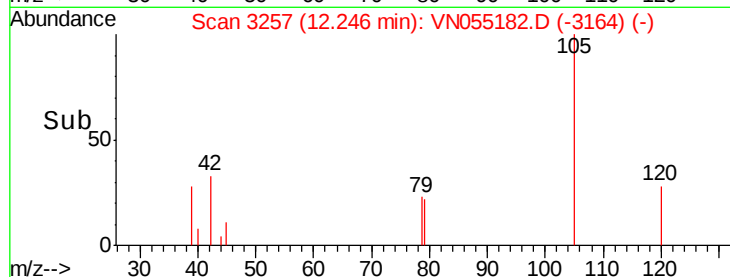
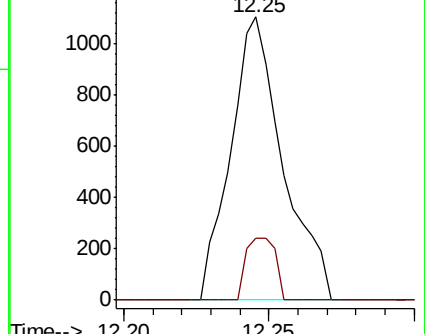
105 100

120 12.5 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.107 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Tgt Ion: 43 Resp: 18374

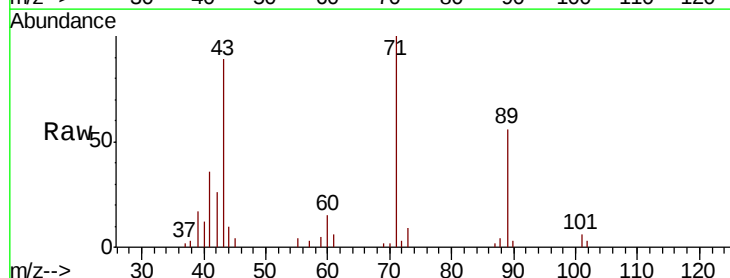
Ion Ratio Lower Upper

43 100

70 1.6 29.0 43.6#

55 4.1 18.5 27.7#

61 9.1 17.0 25.4#

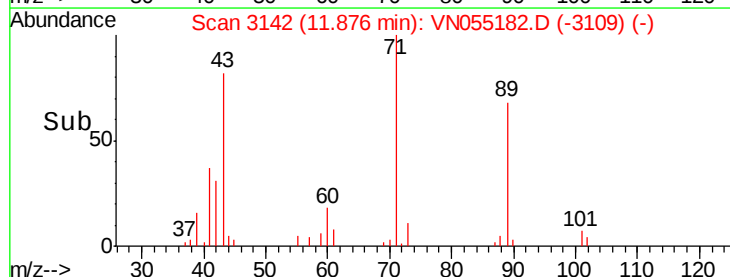
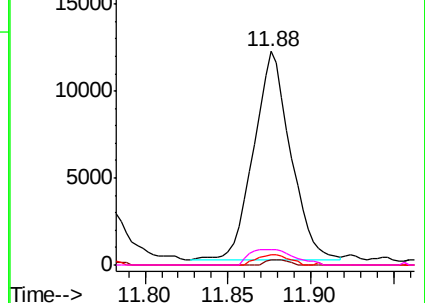


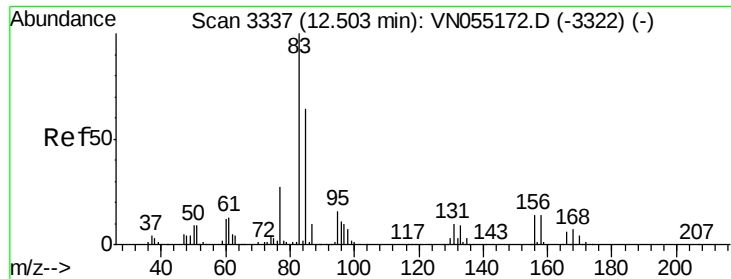
Abundance Ion 43.00 (42.70 to 43.70): V

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# 3339

Delta R.T. 0.01 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

PB119083TB

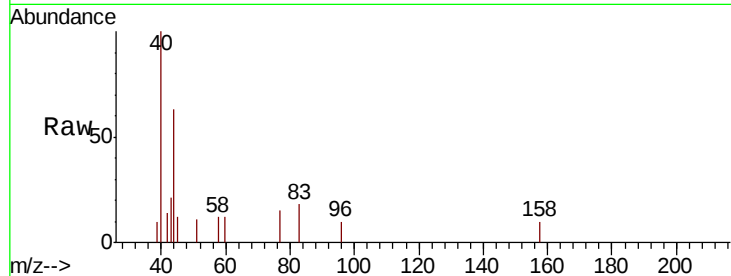
Tot Ion: 83 Resp: 135

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

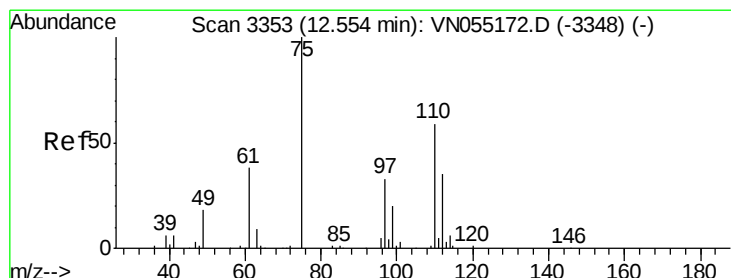
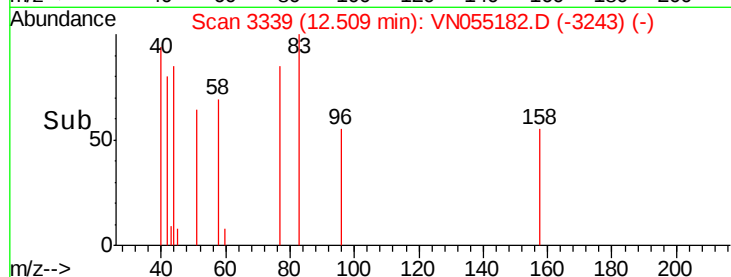
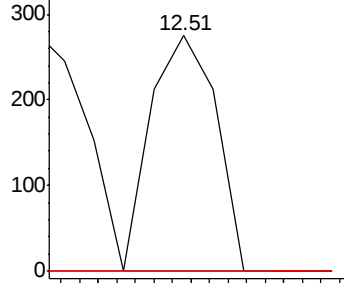
85 0.0 32.1 96.3#



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: 35.481 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055182.D

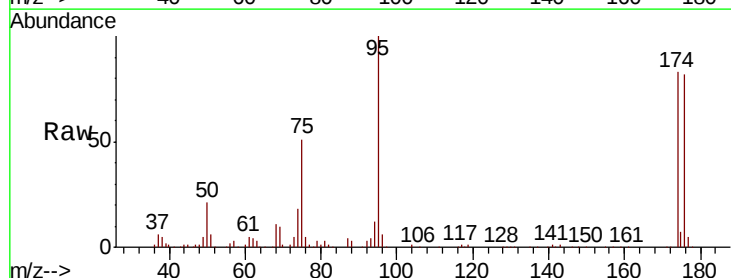
Acq: 22 Apr 2019 15:37

Tgt Ion: 75 Resp: 124915

Ion Ratio Lower Upper

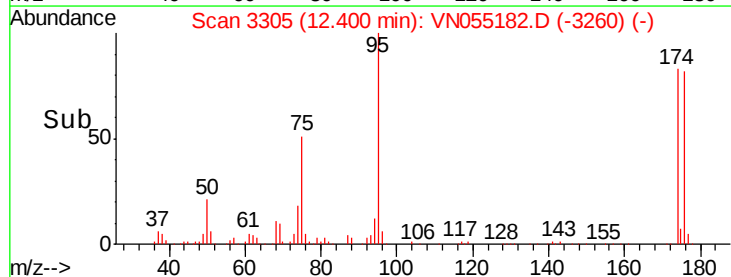
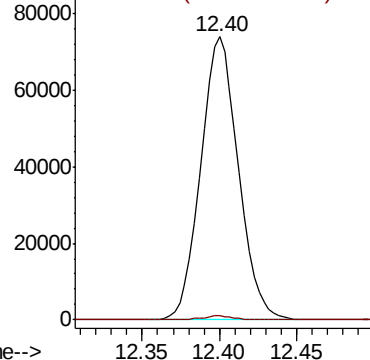
75 100

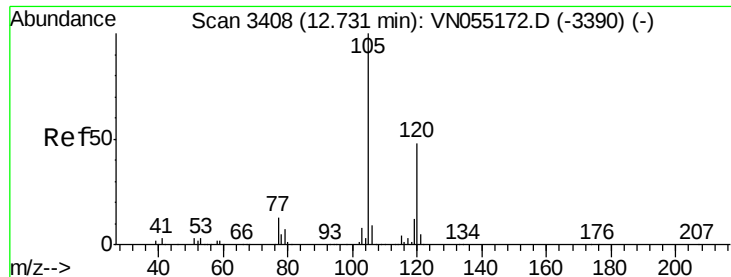
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

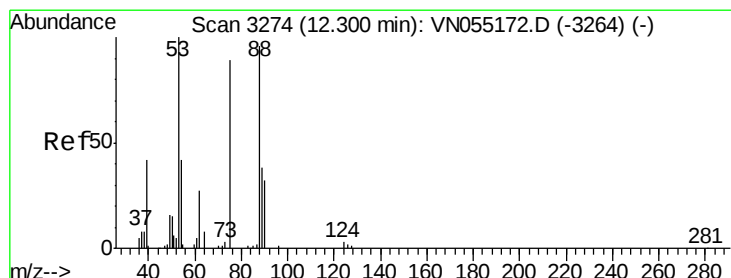
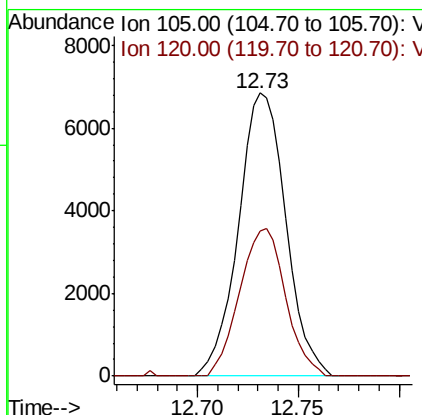
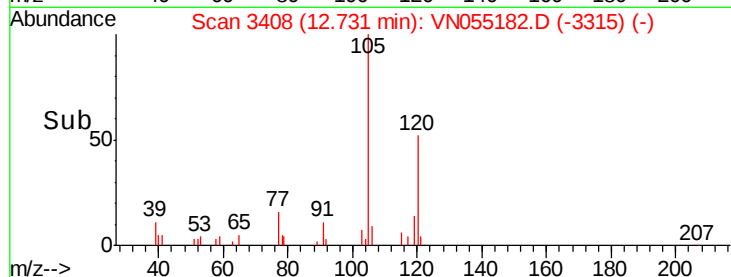
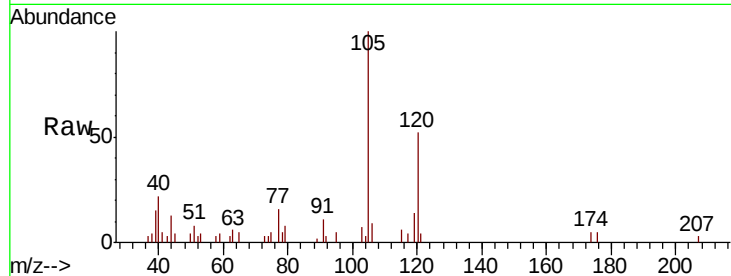




#80
 1,3,5-Trimethylbenzene
 Concen: 0.866 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

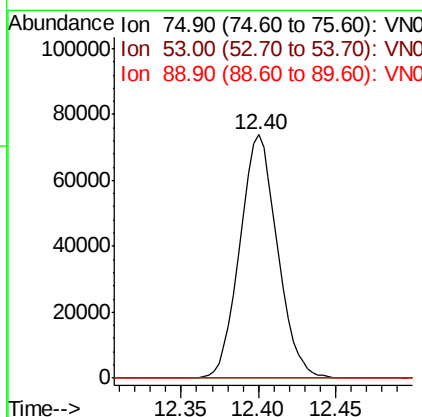
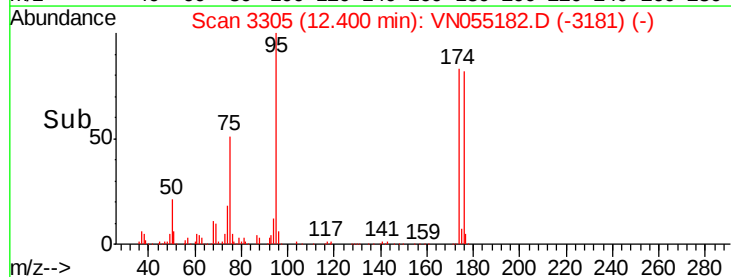
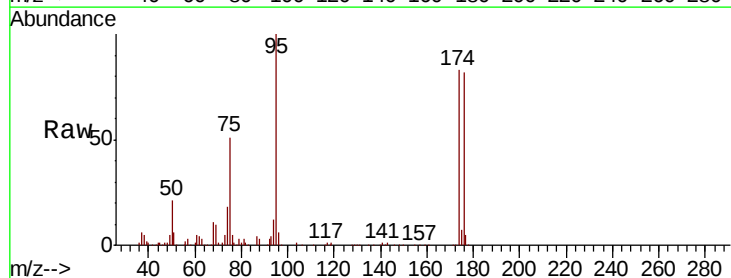
Instrument :
 MSVOA_N
 ClientSampleId :
 PB119083TB

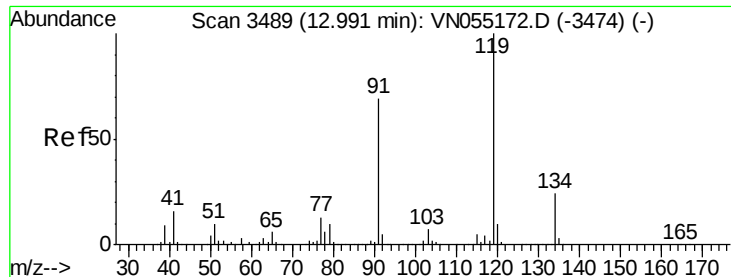
Tot Ion:105 Resp: 11252
 Ion Ratio Lower Upper
 105 100
 120 50.7 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.502 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

Tgt Ion: 75 Resp: 124915
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 36.7 55.1#

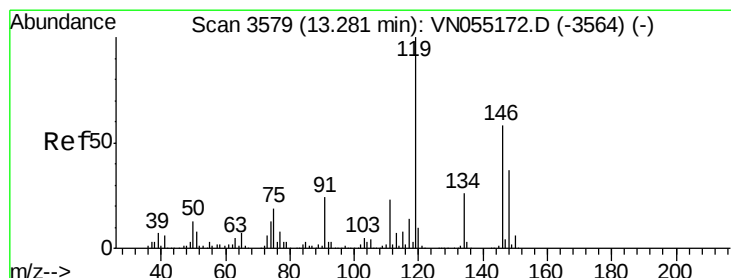
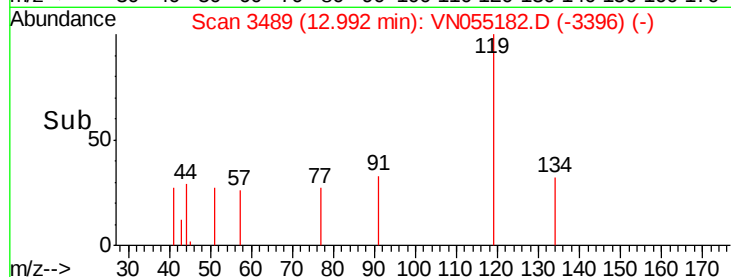
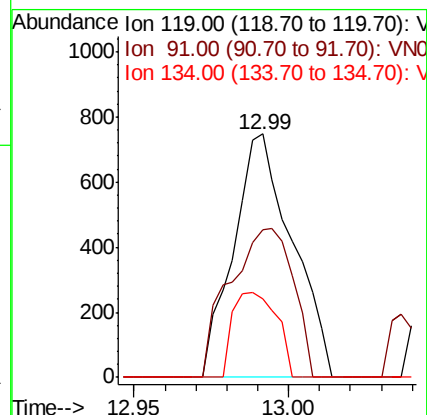
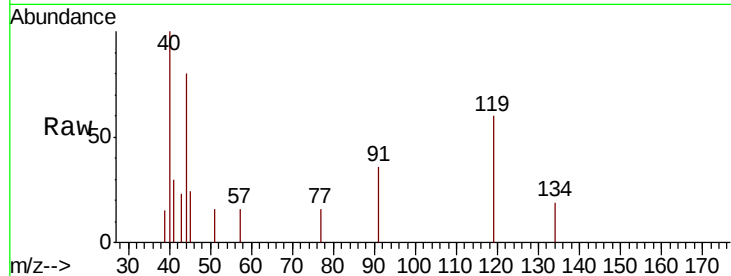




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055182.D
Acq: 22 Apr 2019 15:37

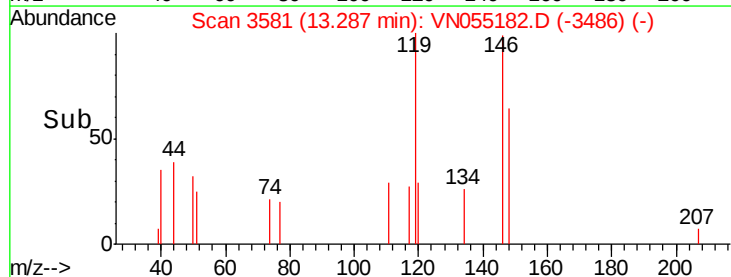
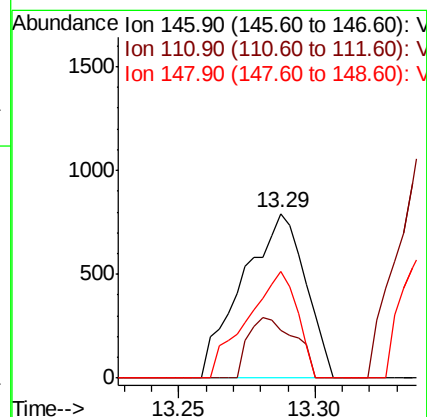
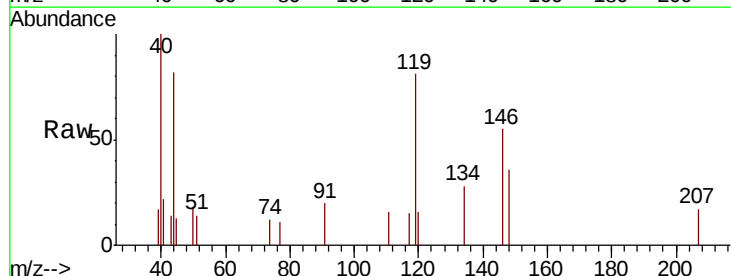
Instrument :
MSVOA_N
ClientSampled :
PB119083TB

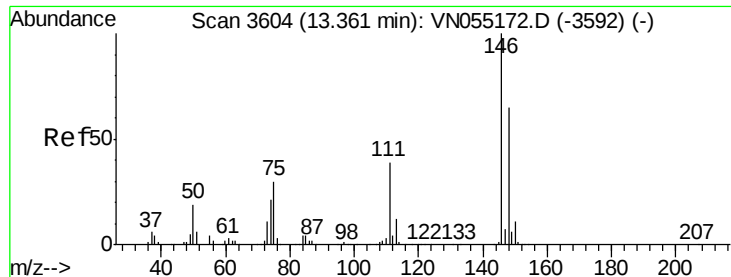
Tot Ion:119 Resp: 988
Ion Ratio Lower Upper
119 100
91 66.0 33.8 101.3
134 26.1 13.2 39.5



#87
1,3-Dichlorobenzene
Concen: 0.215 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.01 min
Lab File: VN055182.D
Acq: 22 Apr 2019 15:37

Tgt Ion:146 Resp: 1267
Ion Ratio Lower Upper
146 100
111 27.4 19.7 59.1
148 51.9 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 0.221 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.07 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampled :

PB119083TB

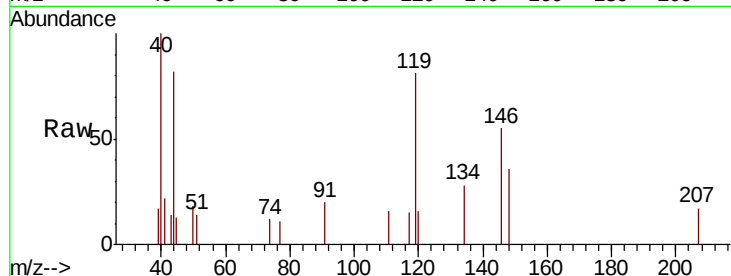
Tot Ion:146 Resp: 1267

Ion Ratio Lower Upper

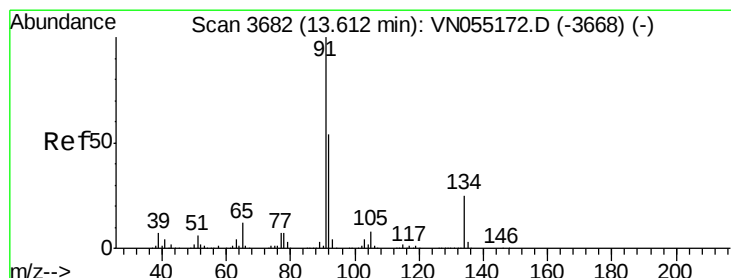
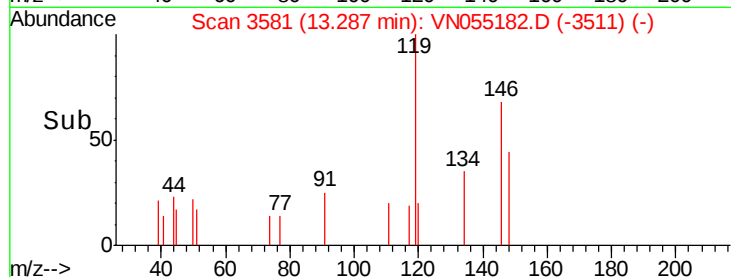
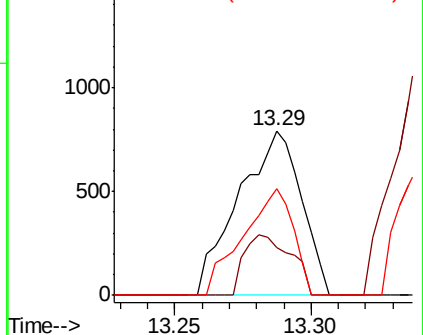
146 100

111 27.4 19.4 58.2

148 51.9 32.9 98.6



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: 0.307 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

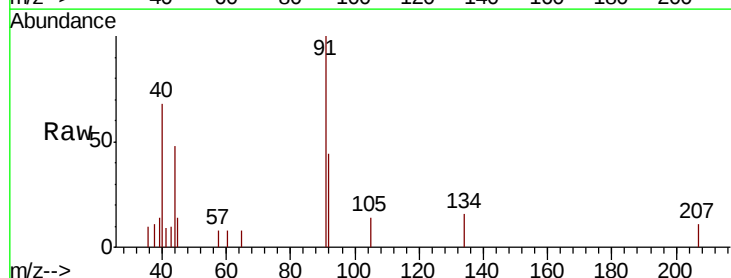
Tgt Ion: 91 Resp: 2758

Ion Ratio Lower Upper

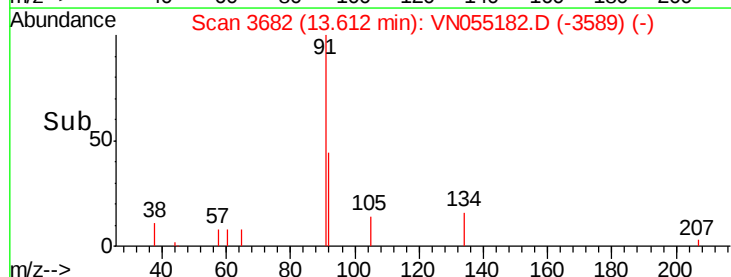
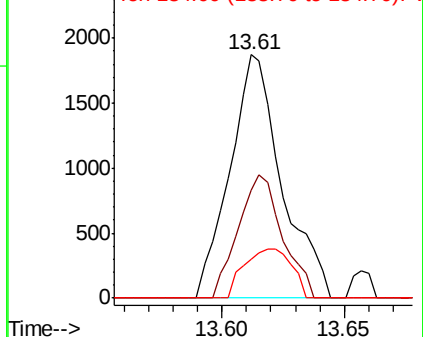
91 100

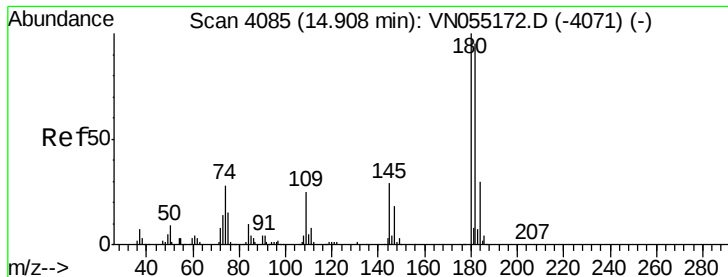
92 43.0 26.4 79.2

134 18.5 12.8 38.4



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

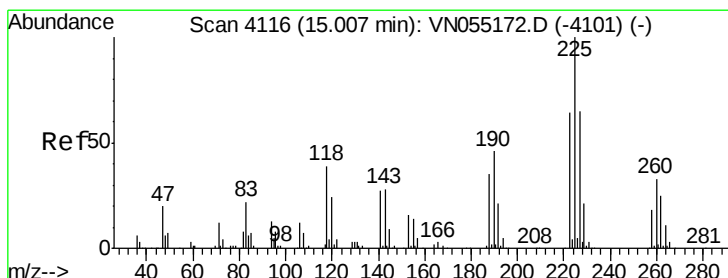
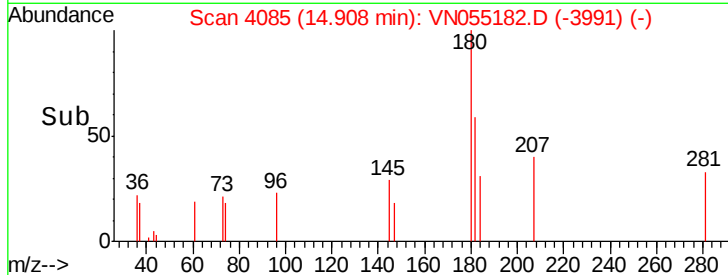
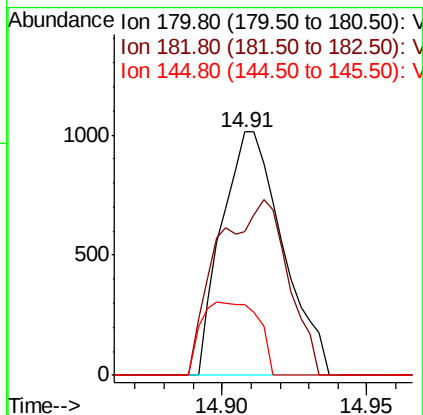
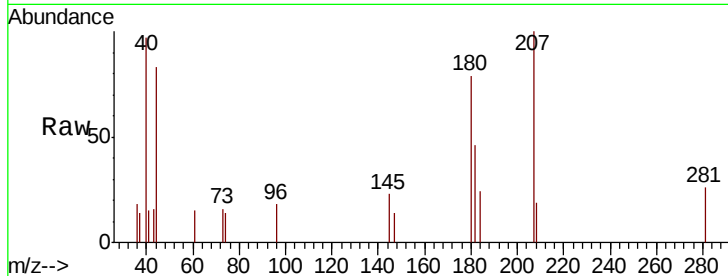




#93
 1,2,4-Trichlorobenzene
 Concen: 3.287 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

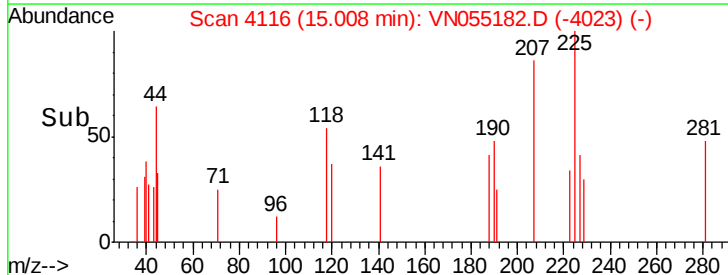
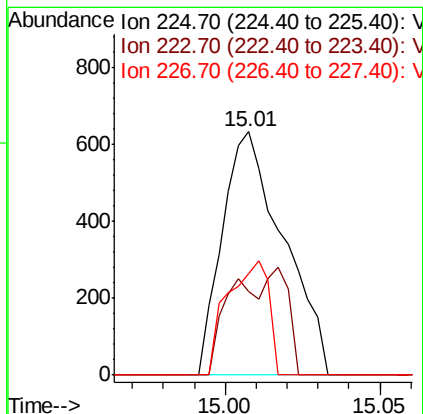
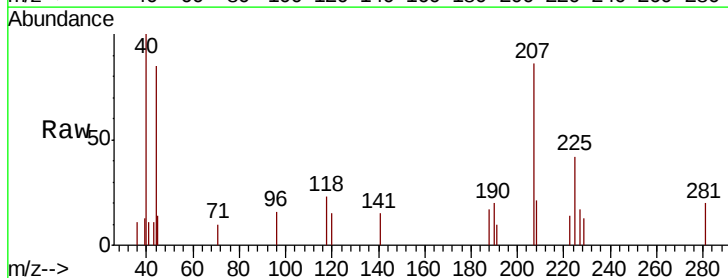
Instrument :
 MSVOA_N
 ClientSampled :
 PB119083TB

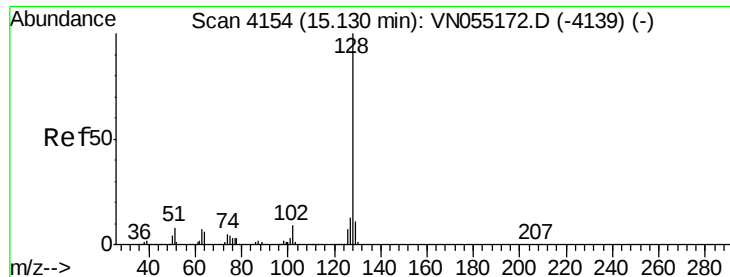
Tot Ion:180 Resp: 1482
 Ion Ratio Lower Upper
 180 100
 182 83.3 47.8 143.4
 145 28.1 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055182.D
 Acq: 22 Apr 2019 15:37

Tgt Ion:225 Resp: 867
 Ion Ratio Lower Upper
 225 100
 223 23.0 32.2 96.6#
 227 31.9 32.6 98.0#





#95

Naphthalene

Concen: 3.952 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

PB119083TB

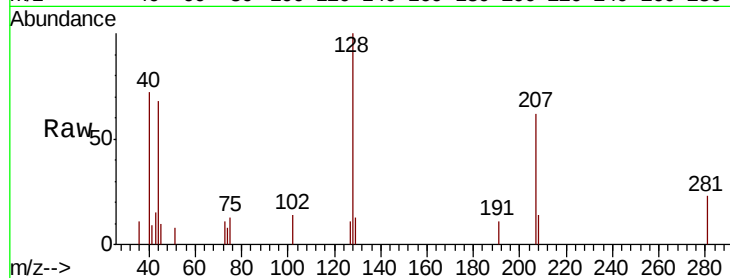
Tot Ion:128 Resp: 3360

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

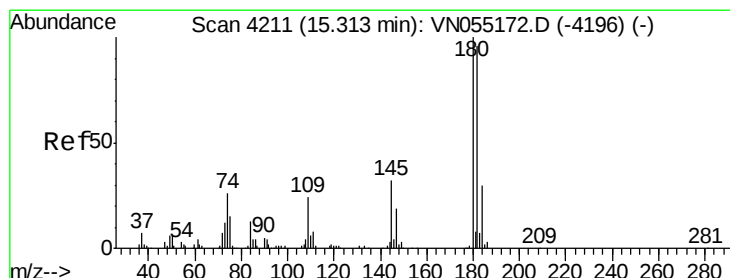
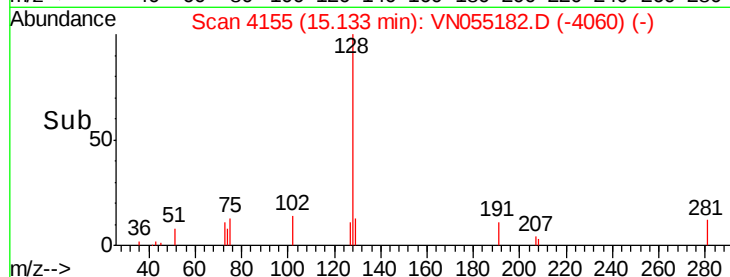
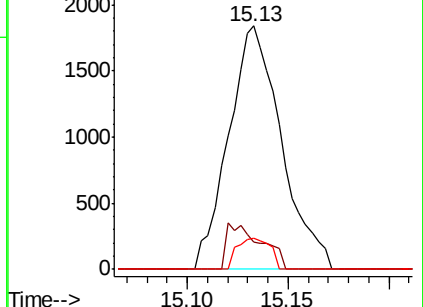
129 8.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.783 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055182.D

Acq: 22 Apr 2019 15:37

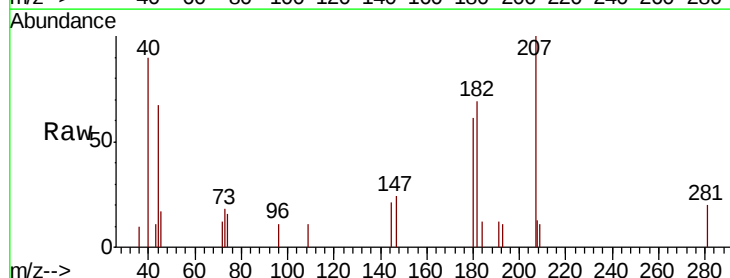
Tgt Ion:180 Resp: 1747

Ion Ratio Lower Upper

180 100

182 92.3 47.2 141.6

145 22.6 15.4 46.1



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

