

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052323.D
 Acq On : 14 Nov 2018 19:48
 Operator : MD\SY
 Sample : PB114787ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#05

Quant Time: Nov 15 03:29:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	313150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	529721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	453892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	217245	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.59	113	168650	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.09	98	667338	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	194109	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	

Target Compounds

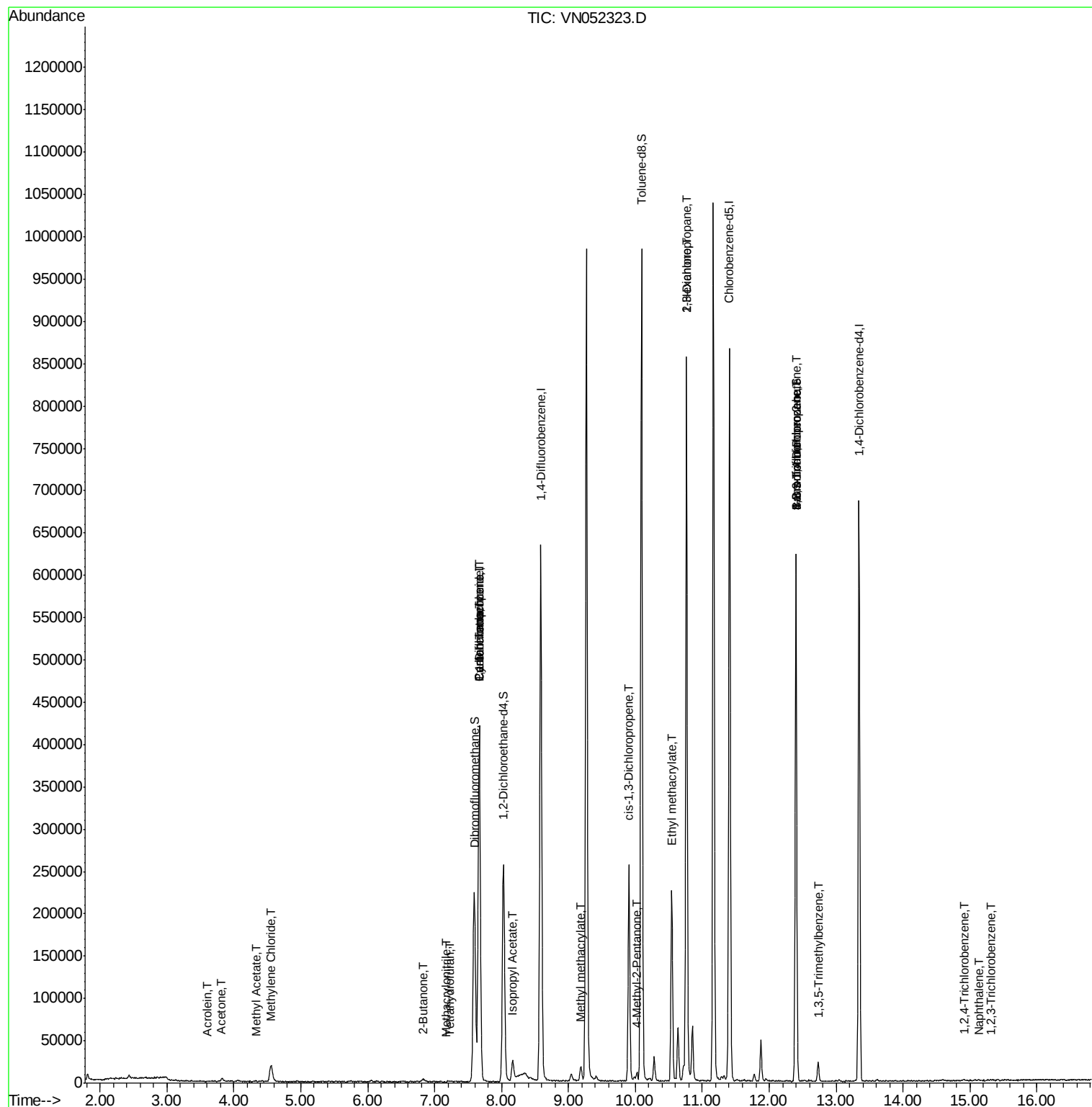
						Qvalue
13) Acrolein	3.61	56	199	22.286	ug/l #	32
16) Acetone	3.82	43	6548	5.377	ug/l	94
18) Methyl Acetate	4.33	43	1282	0.804	ug/l #	68
20) Methylene Chloride	4.56	84	13013	2.852	ug/l	97
25) 2-Butanone	6.83	43	619	0.361	ug/l #	52
29) Tetrahydrofuran	7.23	42	752	0.668	ug/l #	44
31) Cyclohexane	7.66	56	9233	0.319	ug/l #	26
36) 1,1-Dichloropropene	7.66	75	29136	5.488	ug/l #	51
38) Carbon Tetrachloride	7.67	117	33291	6.825	ug/l #	16
41) Methacrylonitrile	7.17	41	107	3.742	ug/l #	100
43) Isopropyl Acetate	8.16	43	31914	4.292	ug/l	96
48) Methyl methacrylate	9.18	41	5947	1.576	ug/l #	16
51) 4-Methyl-2-Pentanone	10.02	43	6939	1.854	ug/l #	41
54) cis-1,3-Dichloropropene	9.90	75	40191	6.836	ug/l #	69
56) Ethyl methacrylate	10.54	69	1012	0.234	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7469	1.282	ug/l #	43
59) 2-Hexanone	10.76	43	137788	53.522	ug/l #	56
71) Bromoform	12.40	173	1717	0.889	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	109895	39.874	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10558	1.017	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	109895	129.328	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.91	180	432	2.427	ug/l #	83
95) Naphthalene	15.13	128	920	2.756	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	415	0.209	ug/l #	77

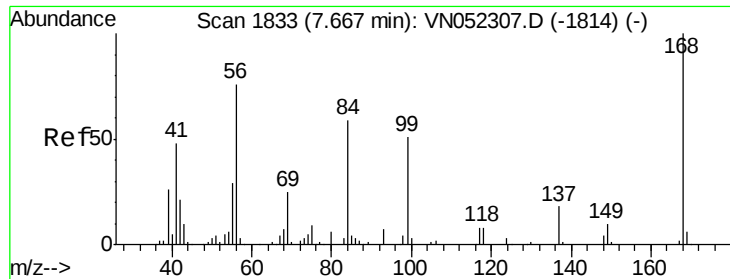
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
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: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

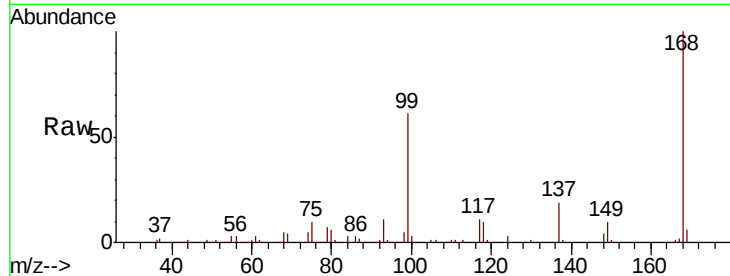
PB114787ZHE#05

Tot Ion:168 Resp: 313150

Ion Ratio Lower Upper

168 100

99 61.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052323.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052323.D (-1740) (-)

7.67

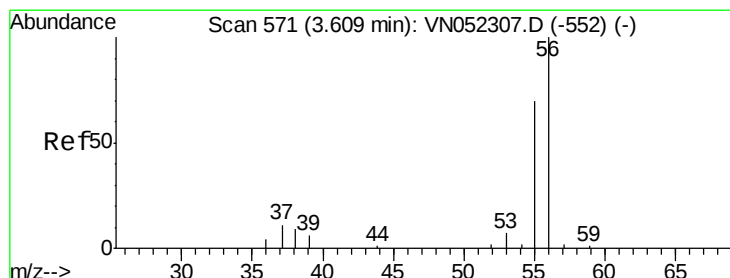
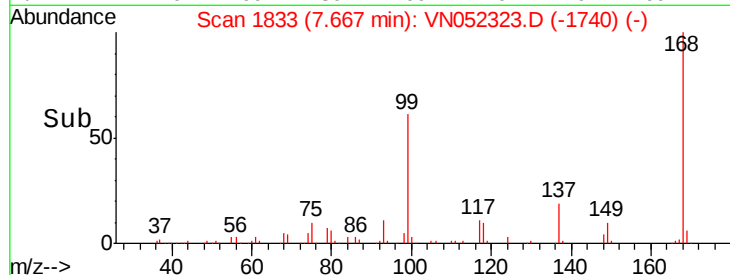
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 22.286 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN052323.D

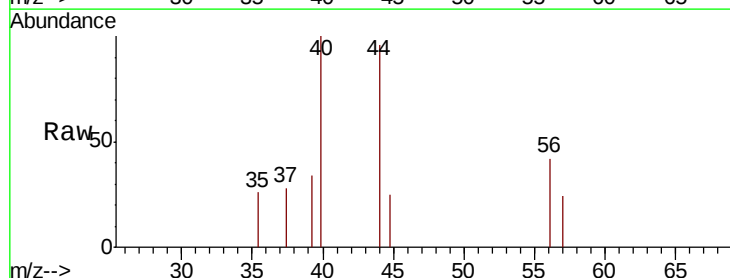
Acq: 14 Nov 2018 19:48

Tgt Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

55 15.6 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN052323.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN052323.D (-478) (-)

3.61

300

250

200

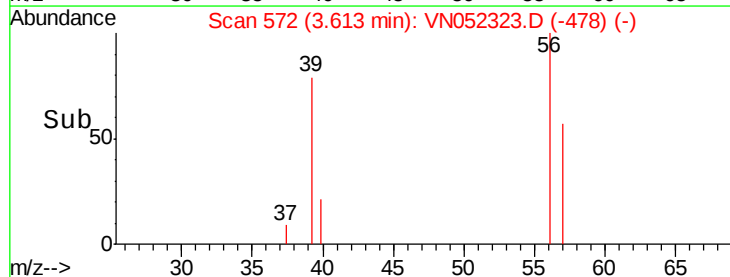
150

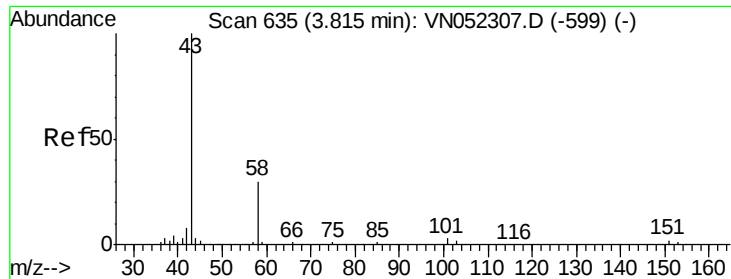
100

50

0

Time-->





#16

Acetone

Concen: 5.377 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

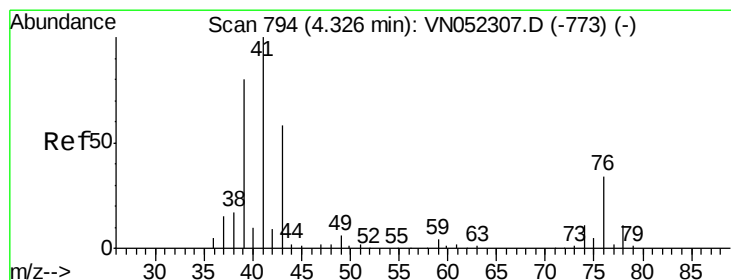
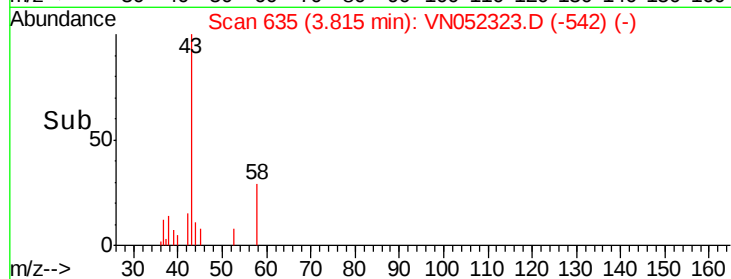
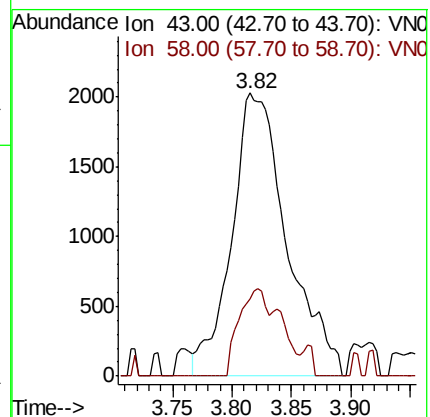
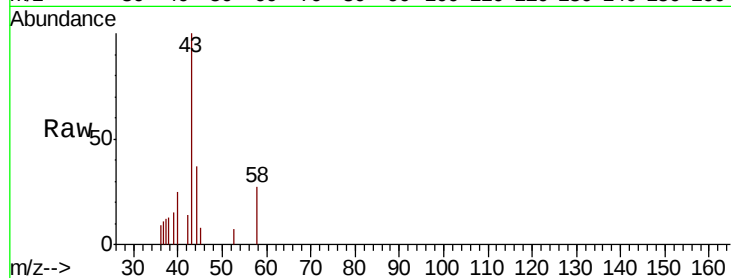
PB114787ZHE#05

Tot Ion: 43 Resp: 6548

Ion Ratio Lower Upper

43 100

58 27.1 24.2 36.4



#18

Methyl Acetate

Concen: 0.804 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052323.D

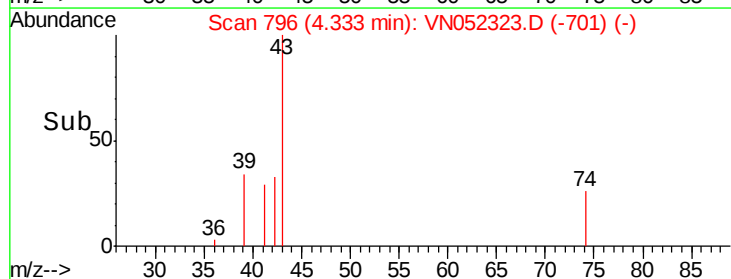
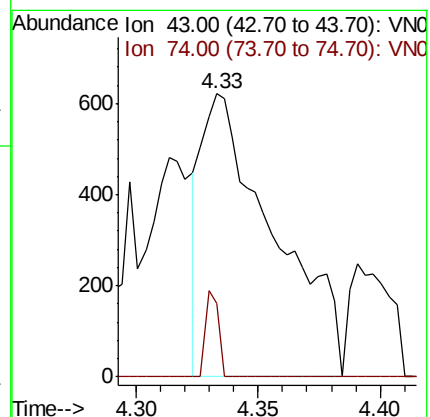
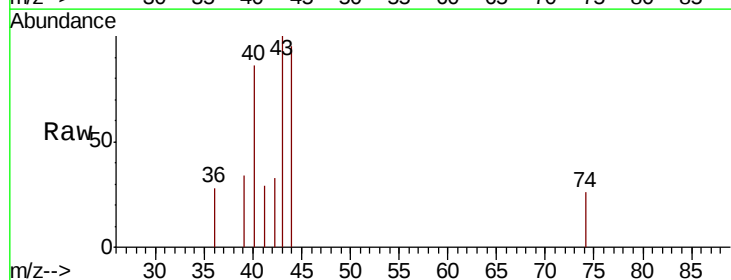
Acq: 14 Nov 2018 19:48

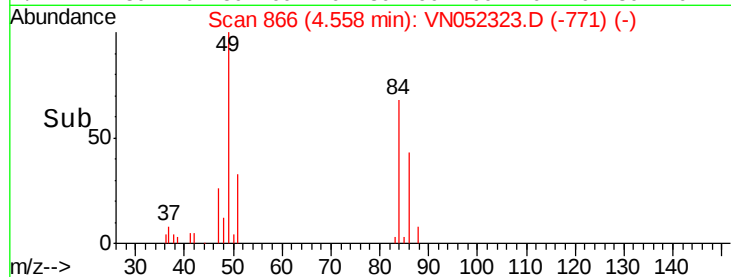
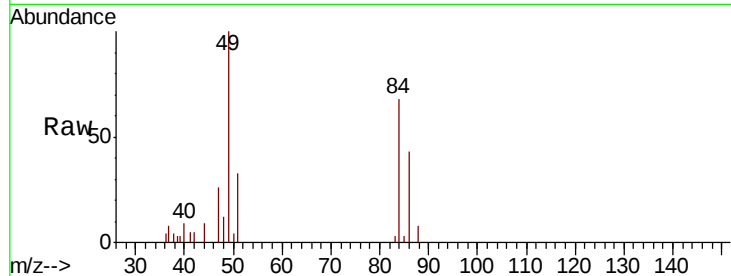
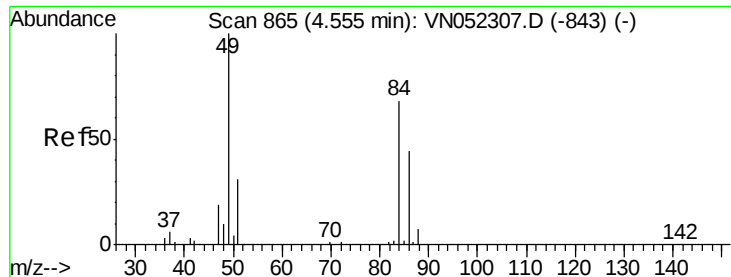
Tgt Ion: 43 Resp: 1282

Ion Ratio Lower Upper

43 100

74 5.3 15.9 23.9#

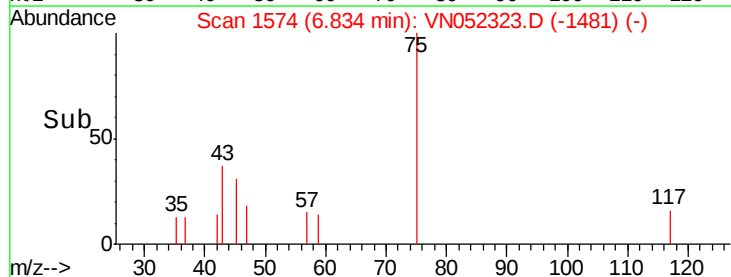
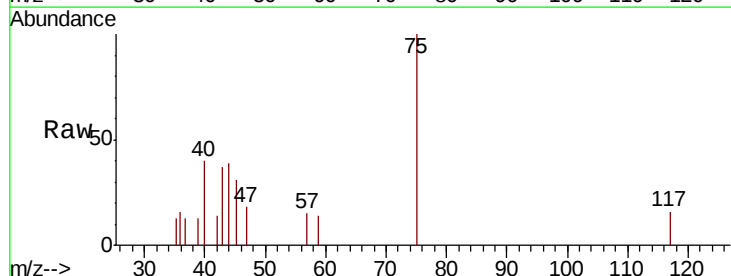
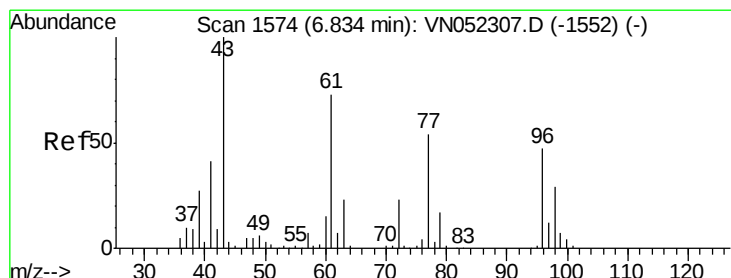
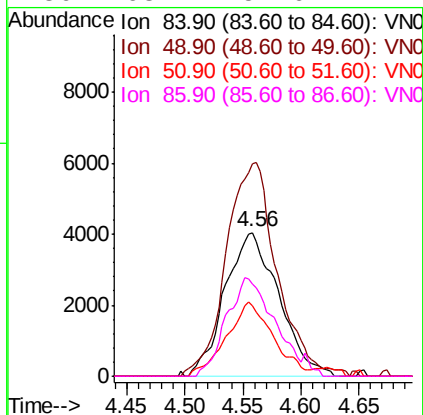




#20
Methvlene Chloride
Concen: 2.852 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052323.D
Acq: 14 Nov 2018 19:48

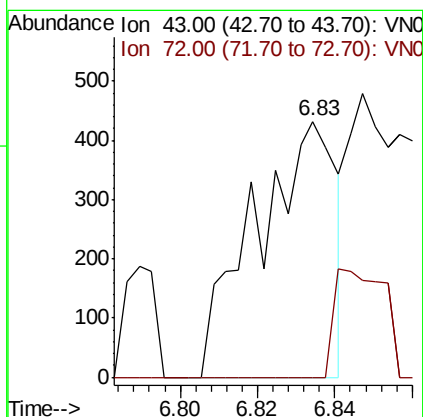
Instrument :
MSVOA_N
ClientSampleId :
PB114787ZHE#05

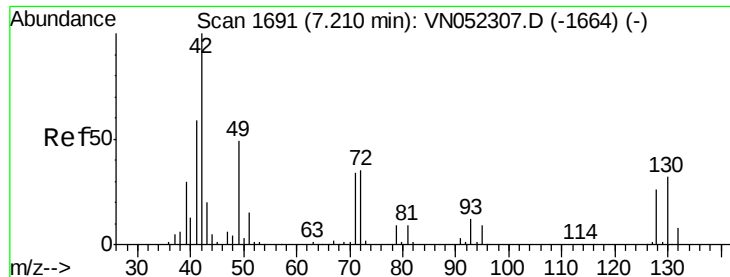
Tot Ion:	84	Resp:	13013
Ion	Ratio	Lower	Upper
84	100		
49	143.2	118.2	177.2
51	49.1	36.1	54.1
86	63.7	51.6	77.4



#25
2-Butanone
Concen: 0.361 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052323.D
Acq: 14 Nov 2018 19:48

Tgt Ion:	43	Resp:	619
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 0.668 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

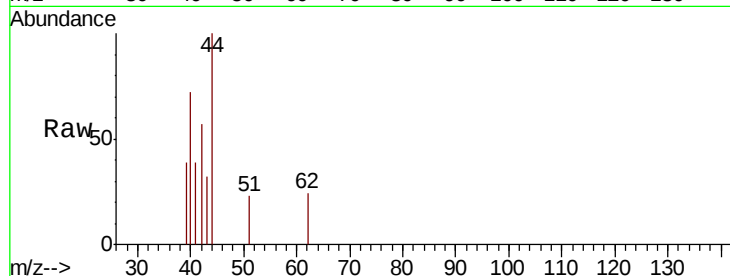
Tot Ion: 42 Resp: 752

Ion Ratio Lower Upper

42 100

72 0.0 28.6 42.8#

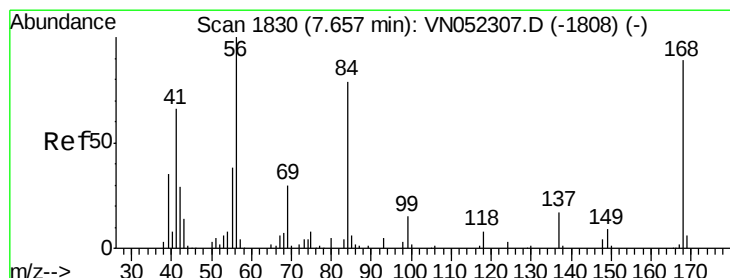
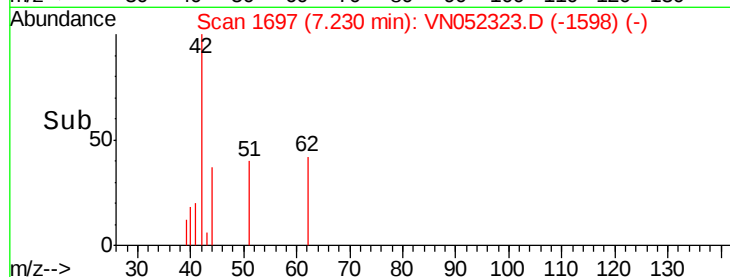
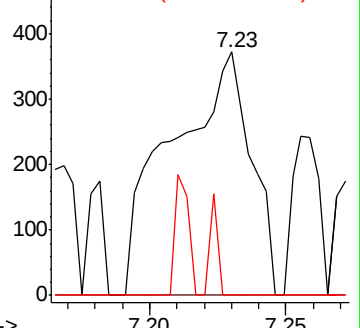
71 4.0 26.7 40.1#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.319 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

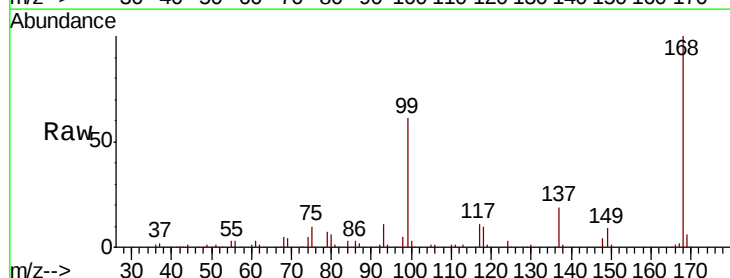
Tgt Ion: 56 Resp: 9233

Ion Ratio Lower Upper

56 100

69 131.6 23.8 35.8#

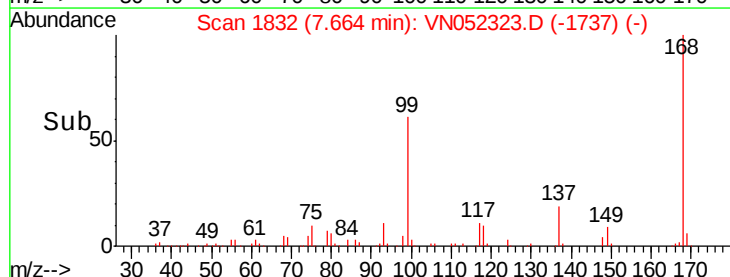
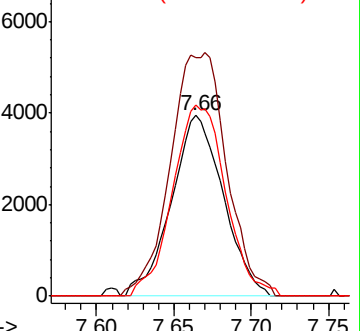
84 105.6 63.0 94.6#

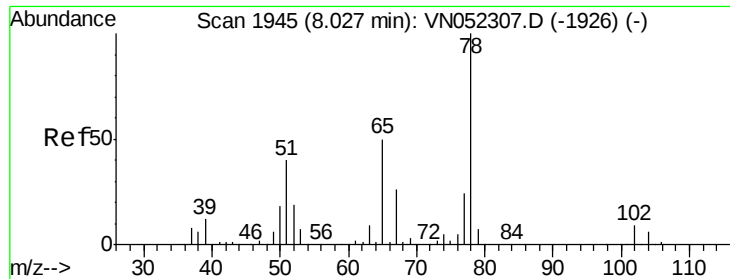


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

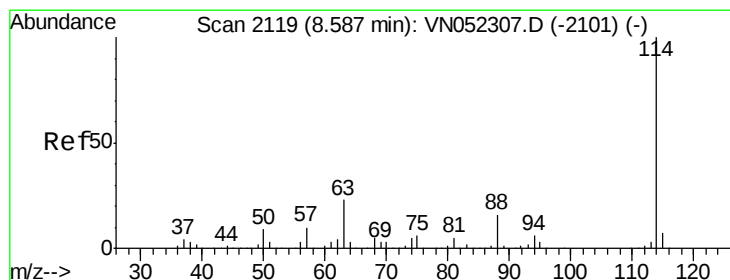
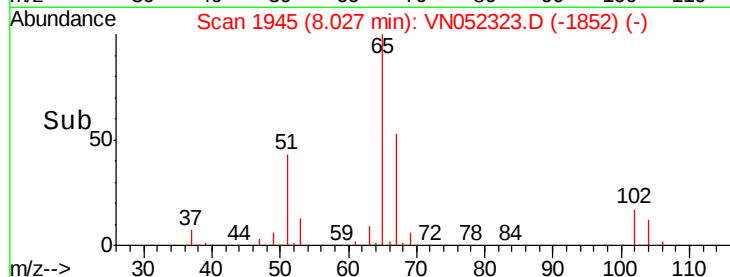
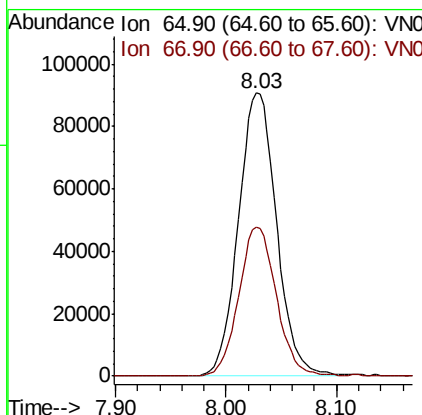
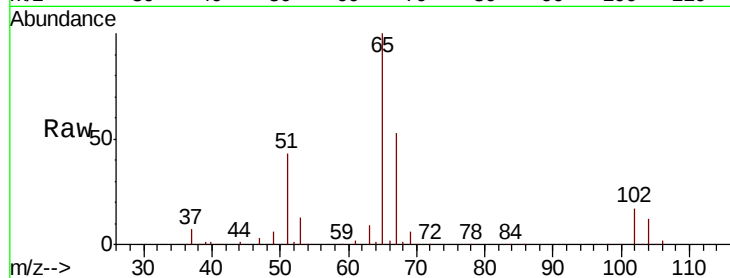




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052323.D
 Acq: 14 Nov 2018 19:48

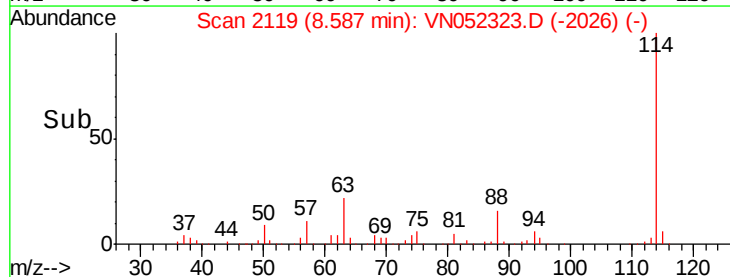
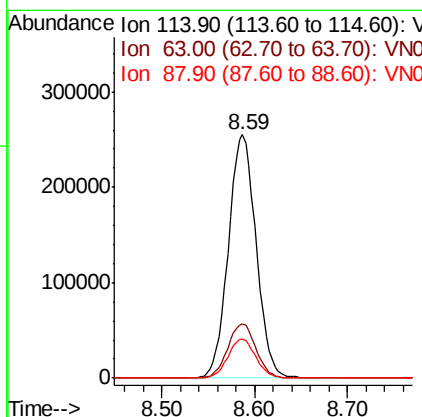
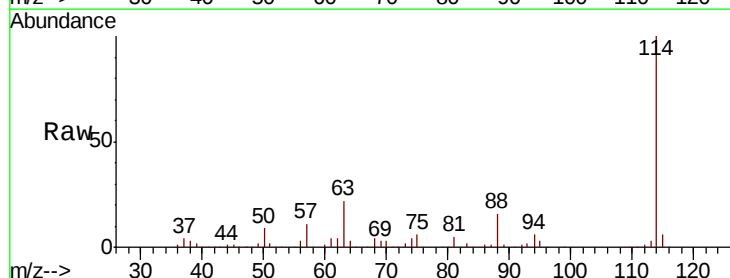
Instrument :
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 PB114787ZHE#05

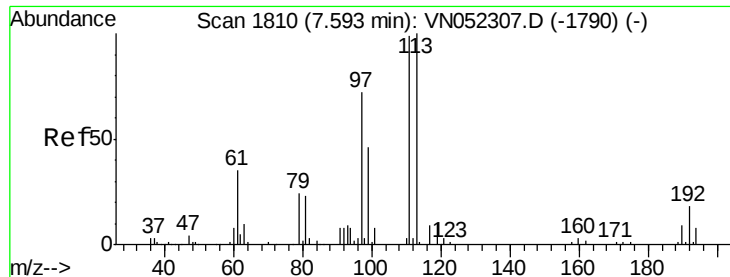
Tot Ion: 65 Resp: 217245
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052323.D
 Acq: 14 Nov 2018 19:48

Tgt Ion: 114 Resp: 529721
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.4
 88 16.0 0.0 31.2

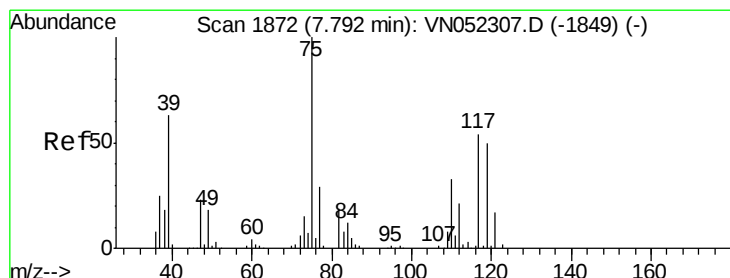
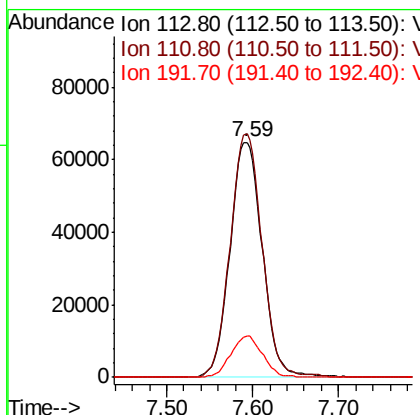
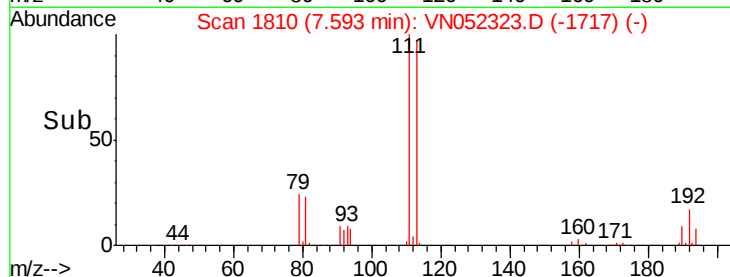
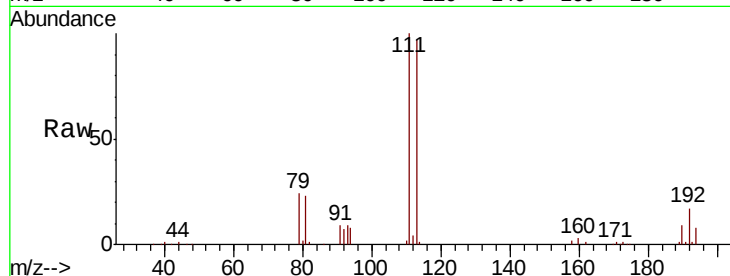




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052323.D
 Acq: 14 Nov 2018 19:48

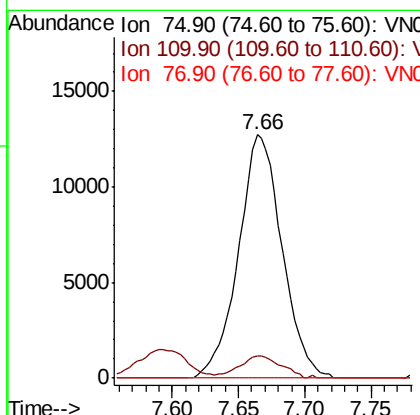
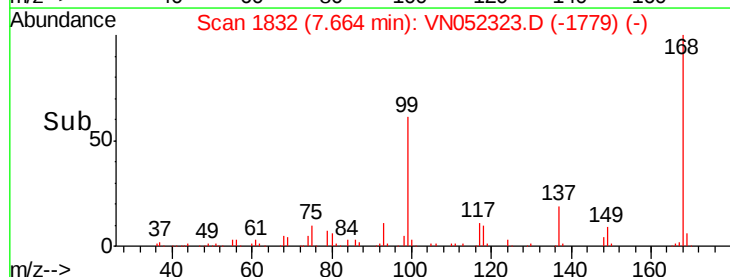
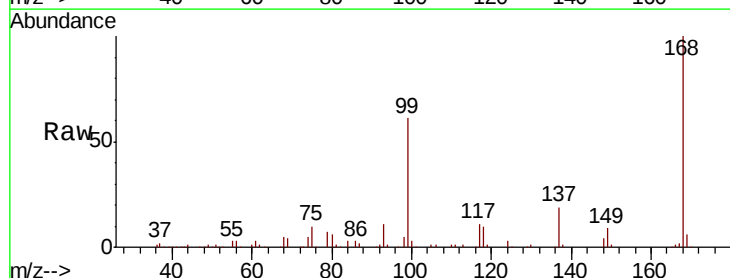
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#05

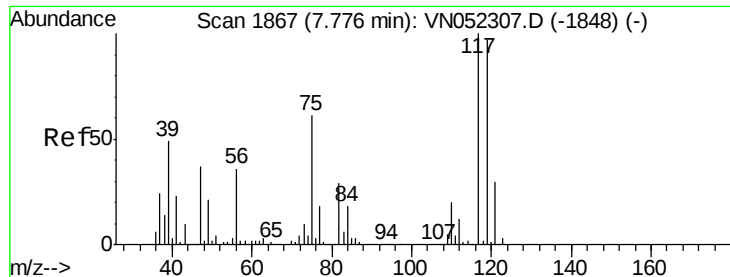
Tot Ion:113 Resp: 168650
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 17.3 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 5.488 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052323.D
 Acq: 14 Nov 2018 19:48

Tgt Ion: 75 Resp: 29136
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.5 49.5#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.825 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

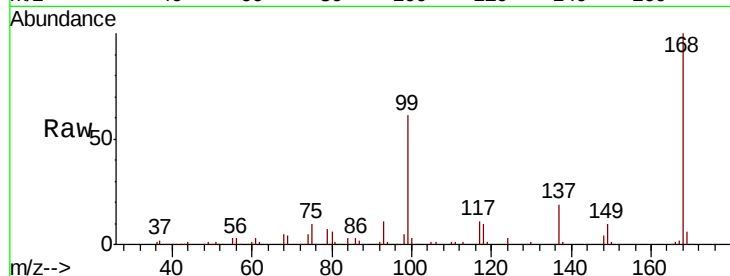
Tot Ion:117 Resp: 33291

Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.0#

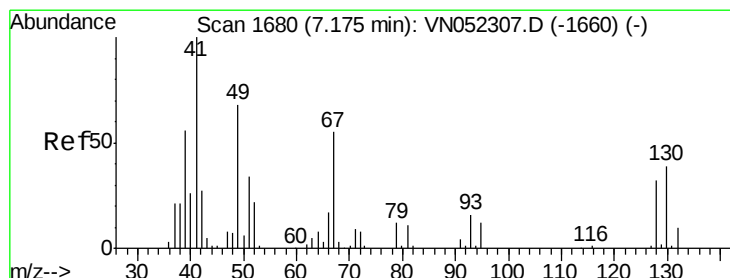
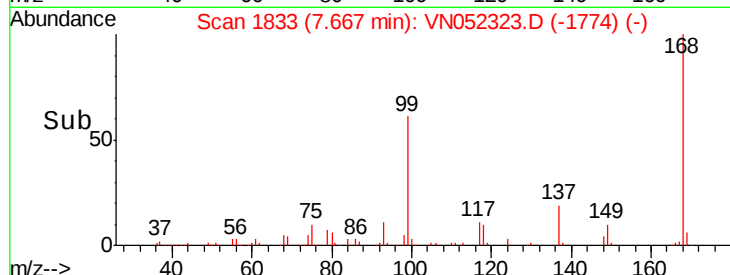
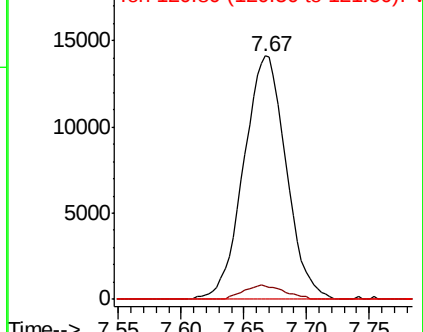
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 3.742 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.01 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Tgt Ion: 41 Resp: 107

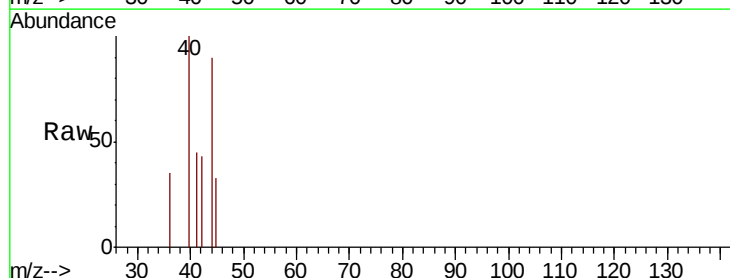
Ion Ratio Lower Upper

41 100

39 98.1 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

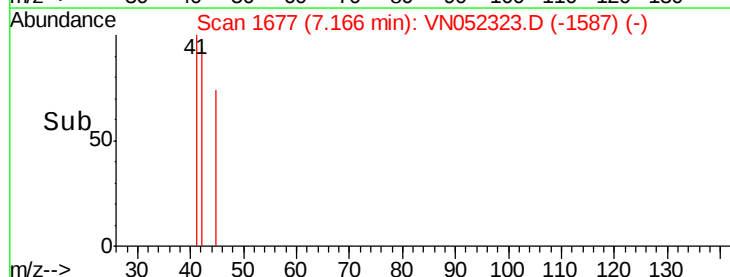
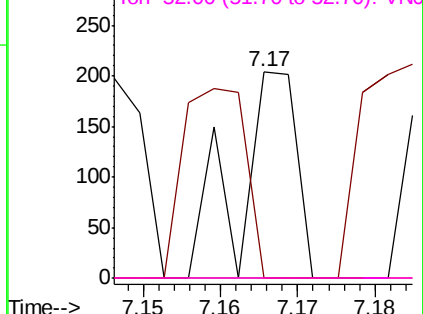


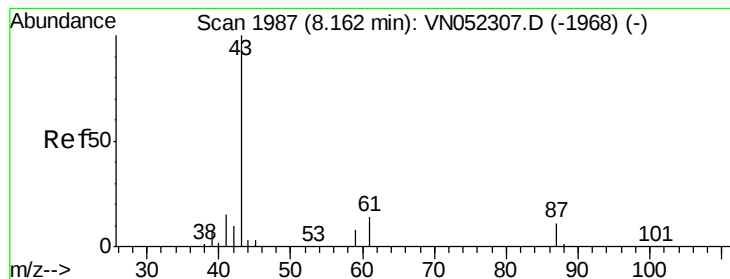
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 4.292 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

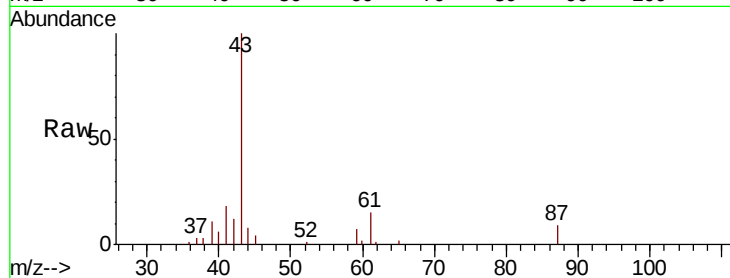
Tot Ion: 43 Resp: 31914

Ion Ratio Lower Upper

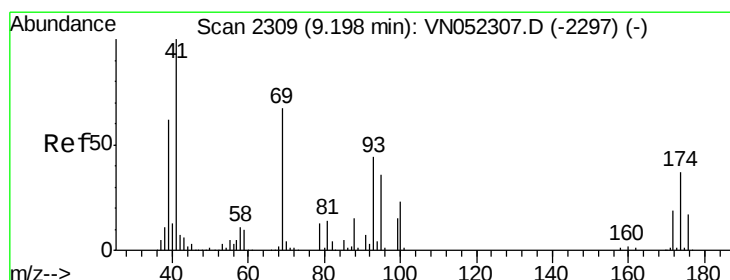
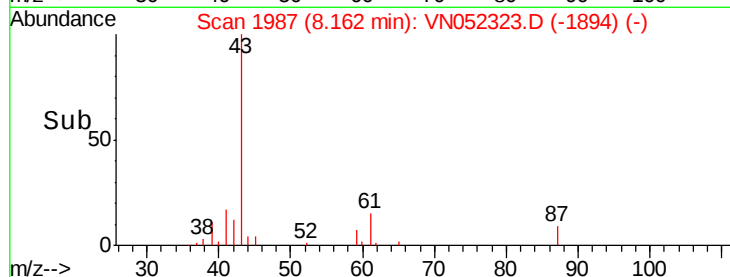
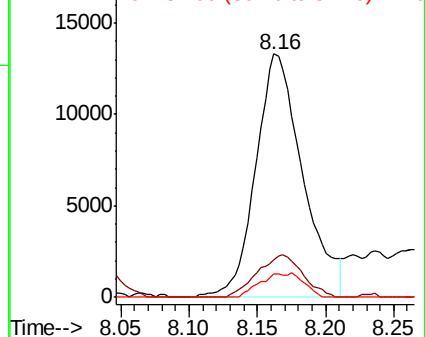
43 100

61 16.8 12.0 18.0

87 9.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.576 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

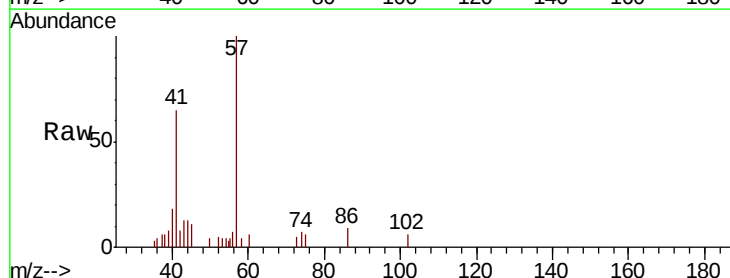
Tgt Ion: 41 Resp: 5947

Ion Ratio Lower Upper

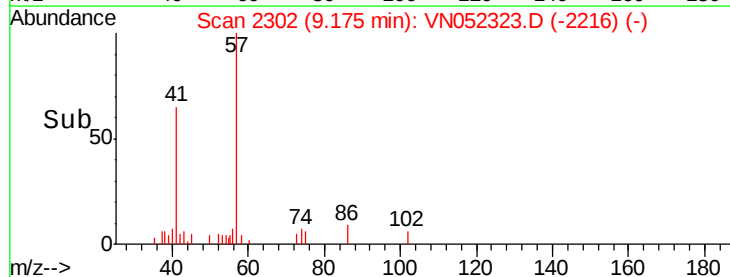
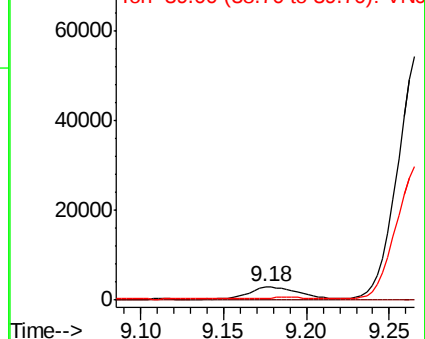
41 100

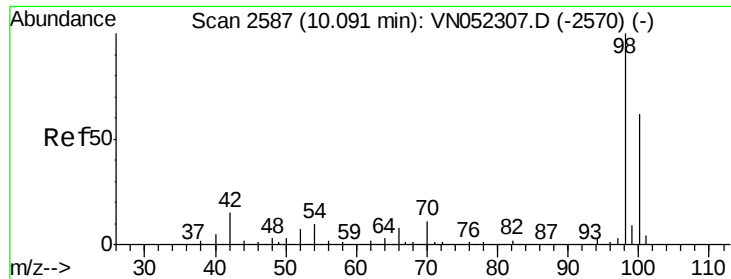
69 0.0 57.1 85.7#

39 0.0 52.5 78.7#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

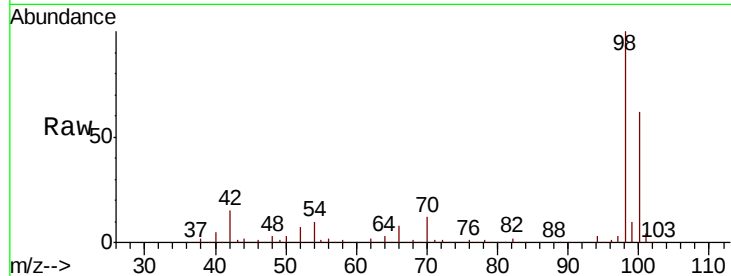
PB114787ZHE#05

Tot Ion: 98 Resp: 667338

Ion Ratio Lower Upper

98 100

100 61.8 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

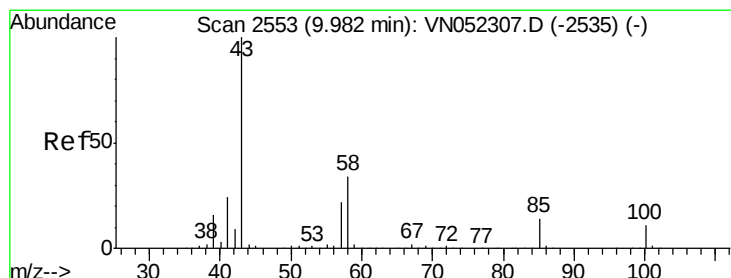
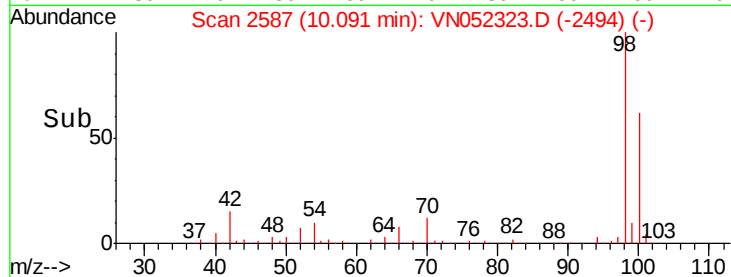
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.854 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052323.D

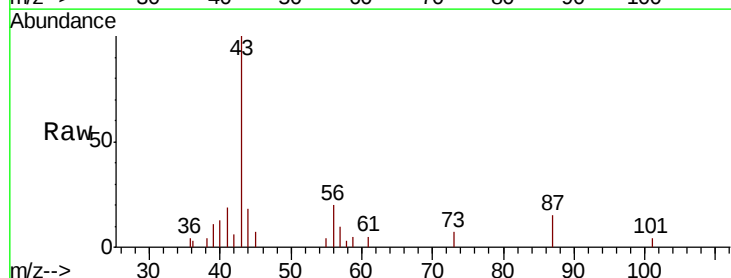
Acq: 14 Nov 2018 19:48

Tgt Ion: 43 Resp: 6939

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.02

5000

4000

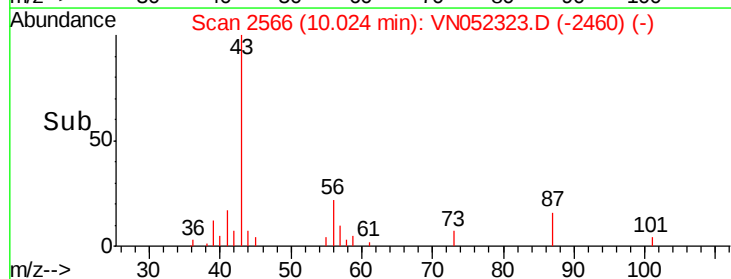
3000

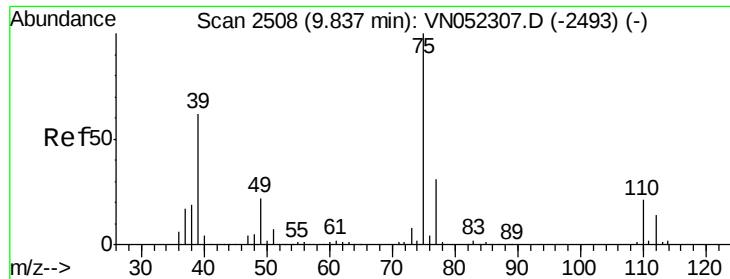
2000

1000

0

Time-->



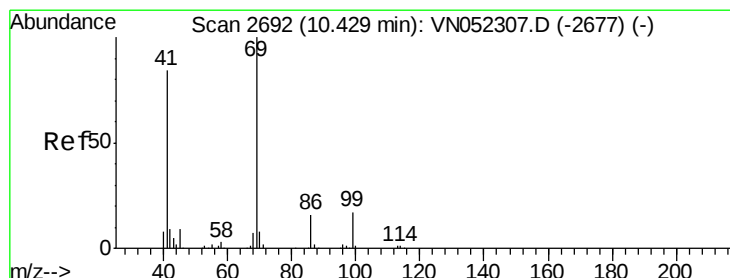
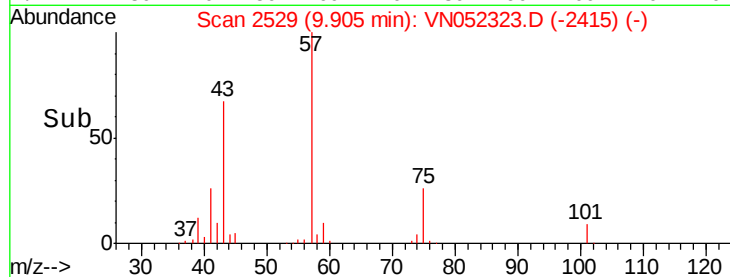
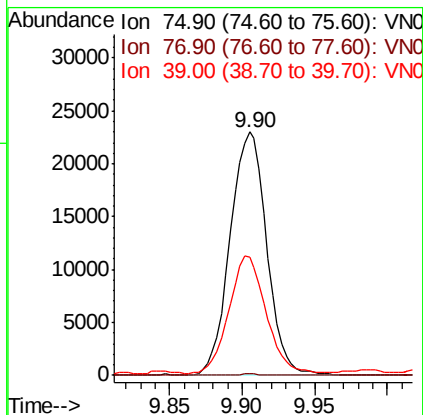
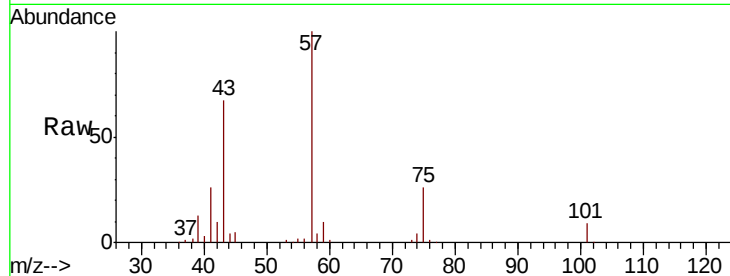


#54

cis-1,3-Dichloropropene
 Concen: 6.836 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN052323.D
 Acq: 14 Nov 2018 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#05

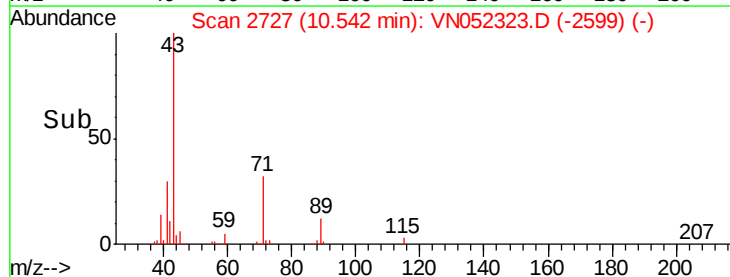
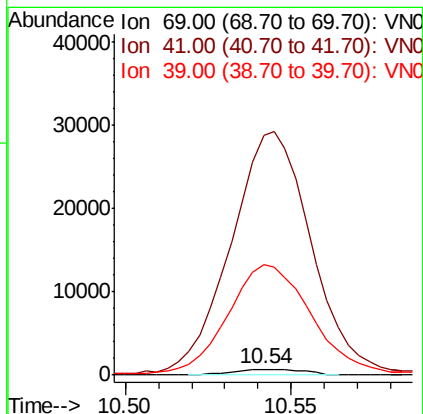
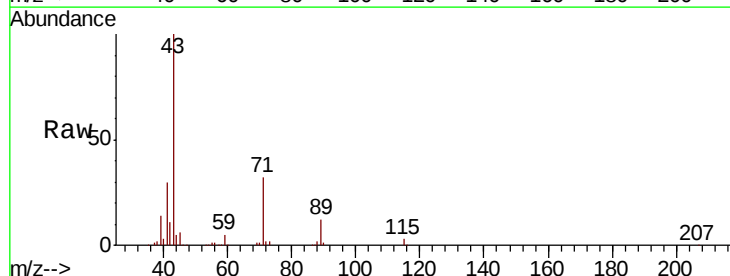
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.9	24.6	36.8#
39	47.8	49.9	74.9#

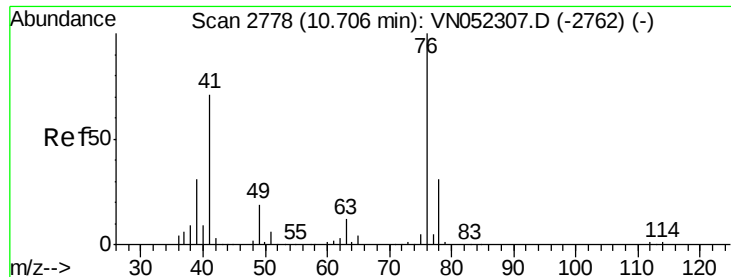


#56

Ethyl methacrylate
 Concen: 0.234 ug/l
 RT: 10.54 min Scan# 2727
 Delta R.T. 0.11 min
 Lab File: VN052323.D
 Acq: 14 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	4847.9	64.8	97.2#
39	2345.8	41.0	61.6#





#57

1,3-Dichloropropane

Concen: 1.282 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

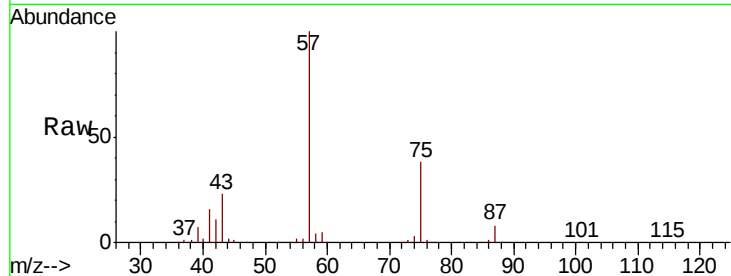
PB114787ZHE#05

Tot Ion: 76 Resp: 7469

Ion Ratio Lower Upper

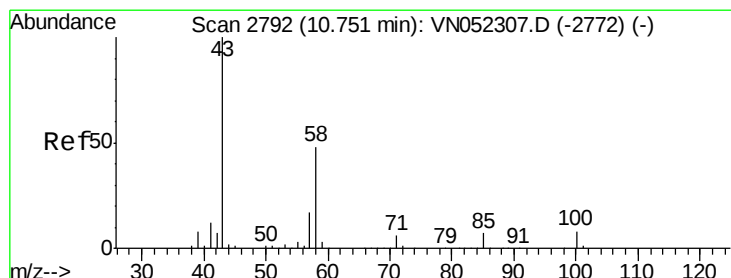
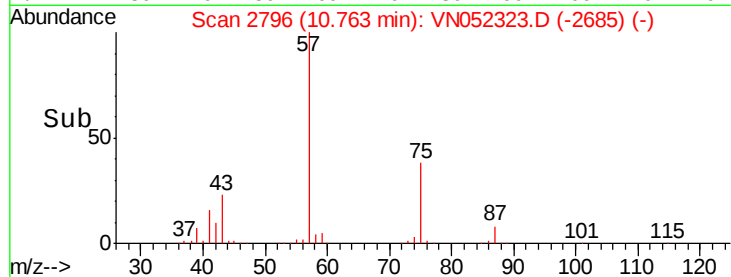
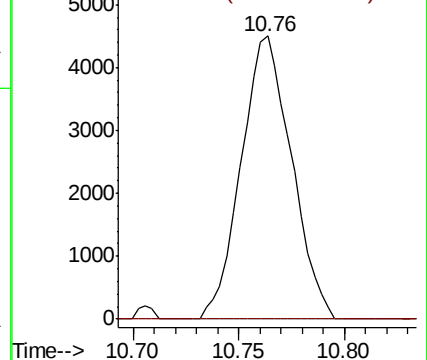
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 53.522 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052323.D

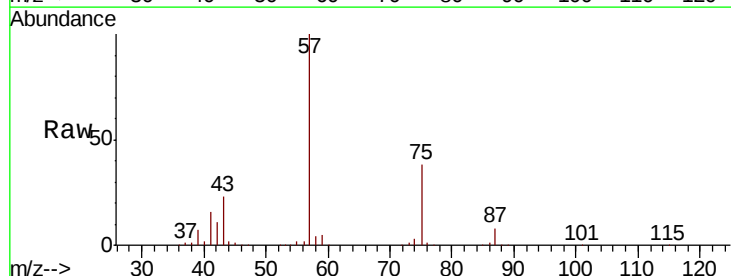
Acq: 14 Nov 2018 19:48

Tgt Ion: 43 Resp: 137788

Ion Ratio Lower Upper

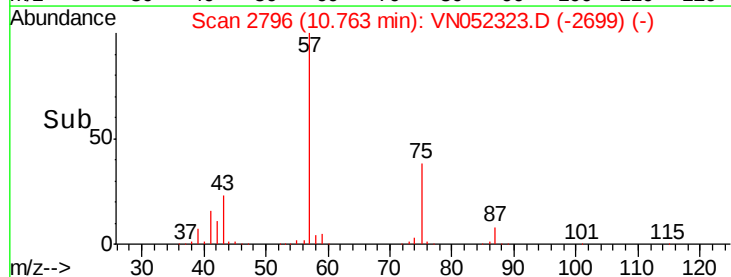
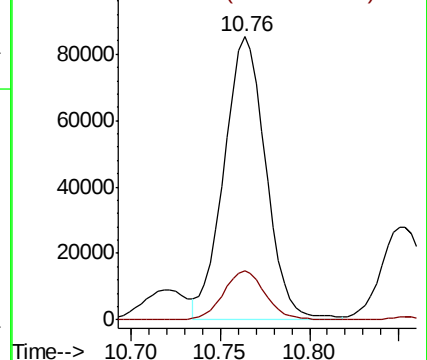
43 100

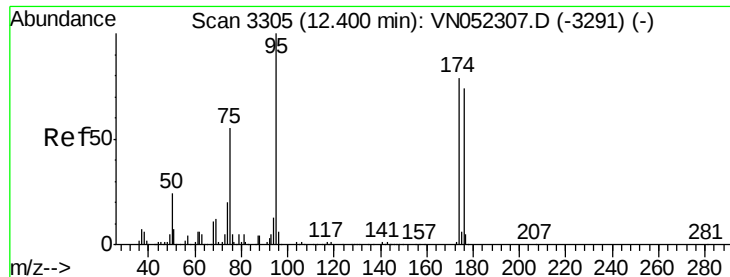
58 17.6 23.5 70.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

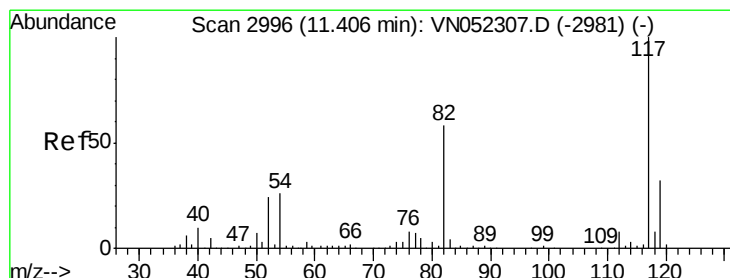
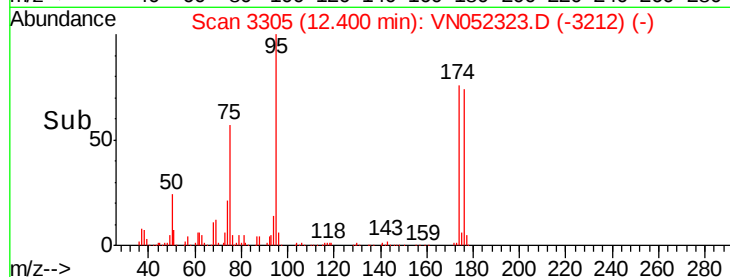
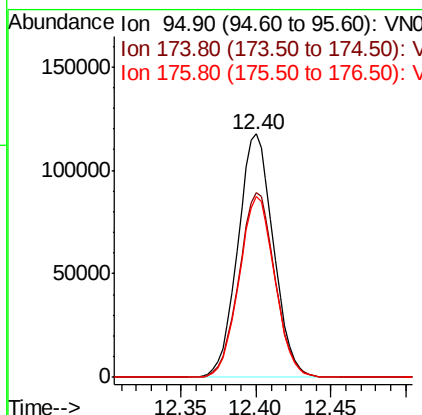
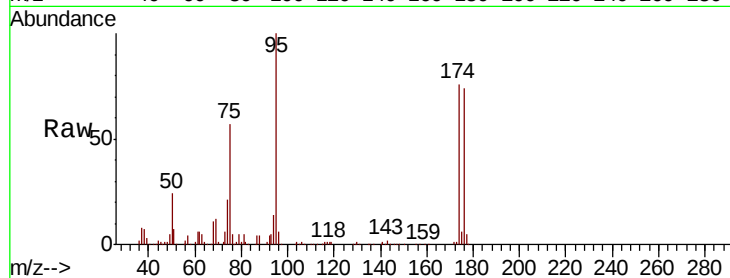




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052323.D
Acq: 14 Nov 2018 19:48

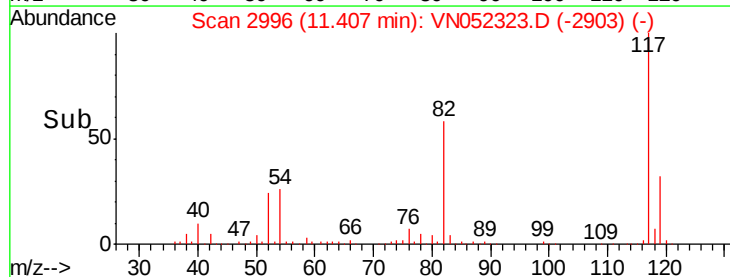
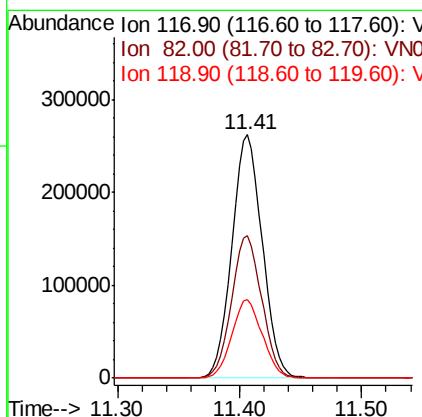
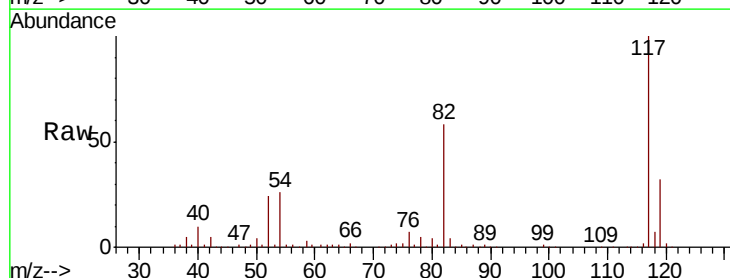
Instrument :
MSVOA_N
ClientSampleId :
PB114787ZHE#05

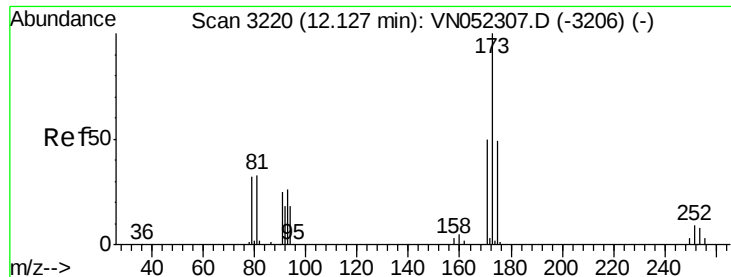
Tot Ion: 95 Resp: 194109
Ion Ratio Lower Upper
95 100
174 77.0 0.0 156.0
176 74.6 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052323.D
Acq: 14 Nov 2018 19:48

Tgt Ion: 117 Resp: 453892
Ion Ratio Lower Upper
117 100
82 58.3 46.5 69.7
119 32.0 25.7 38.5





#71

Bromoform

Concen: 0.889 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

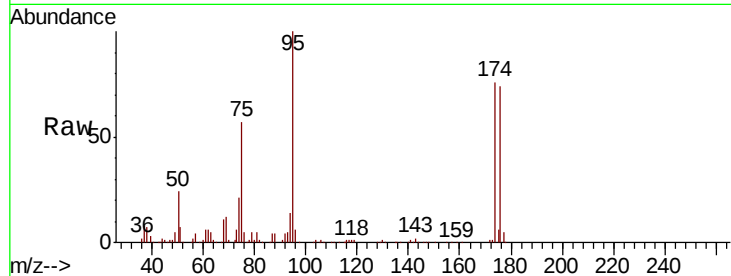
Tot Ion:173 Resp: 1717

Ion Ratio Lower Upper

173 100

175 599.2 25.0 75.0#

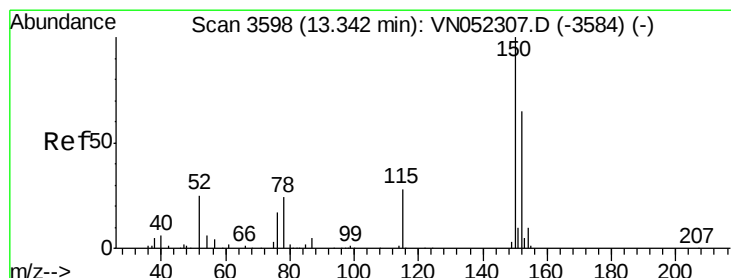
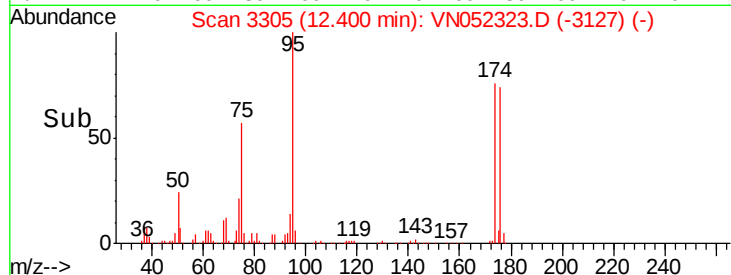
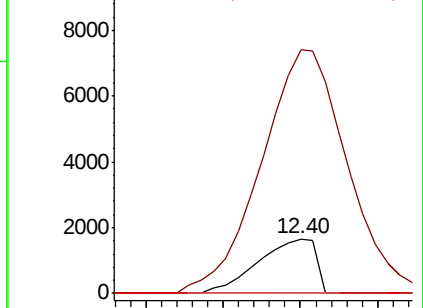
254 0.0 0.0 0.0



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: VN052323.D

Acq: 14 Nov 2018 19:48

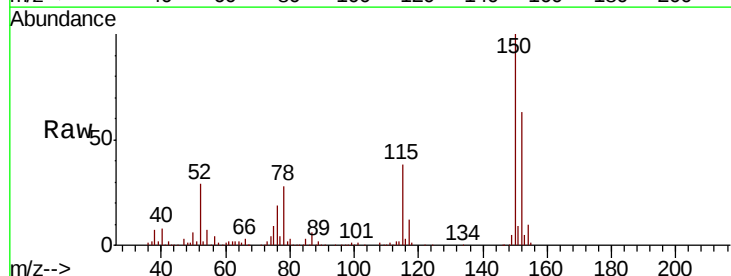
Tgt Ion:152 Resp: 162424

Ion Ratio Lower Upper

152 100

115 59.4 30.3 91.0

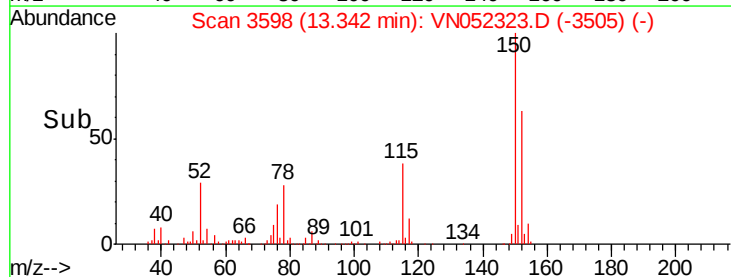
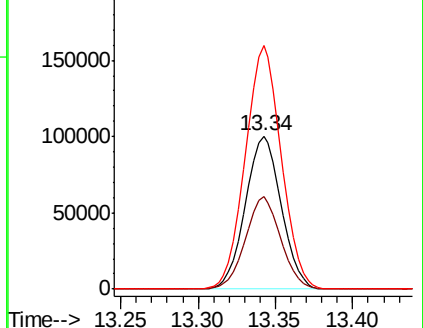
150 158.9 0.0 348.2

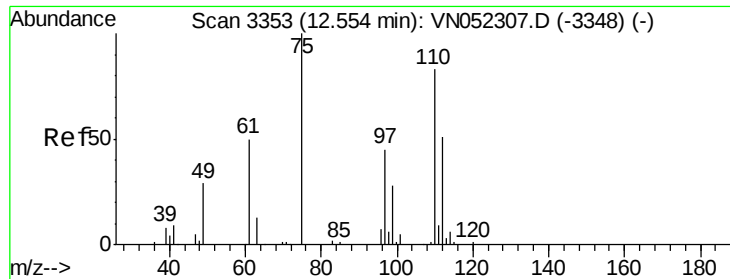


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 39.874 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

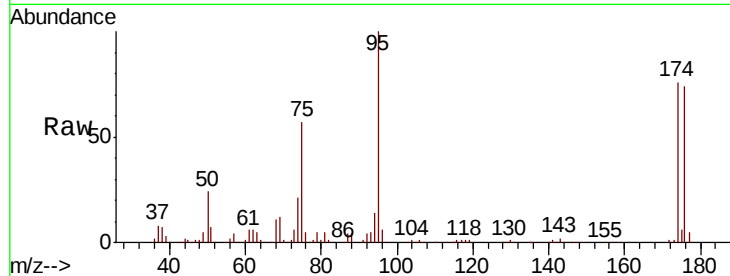
PB114787ZHE#05

Tot Ion: 75 Resp: 109895

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052307.D (-3348) (-)

12.40

60000

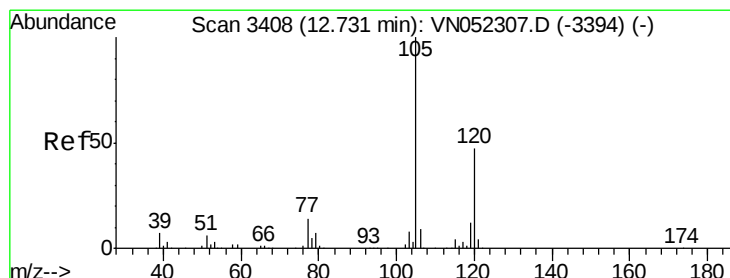
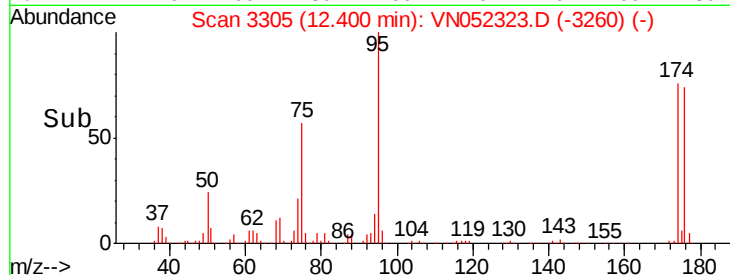
40000

20000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.017 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052323.D

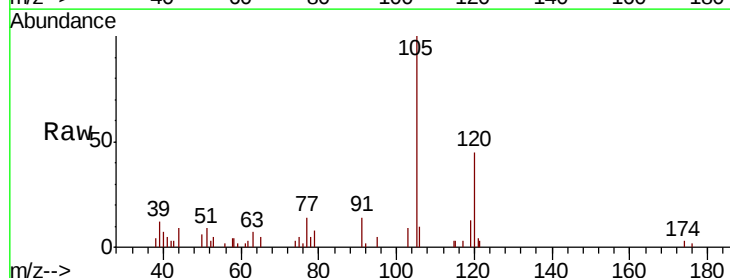
Acq: 14 Nov 2018 19:48

Tgt Ion: 105 Resp: 10558

Ion Ratio Lower Upper

105 100

120 49.8 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)

12.73

8000

6000

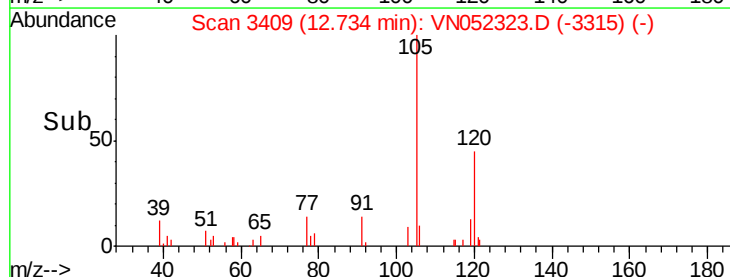
4000

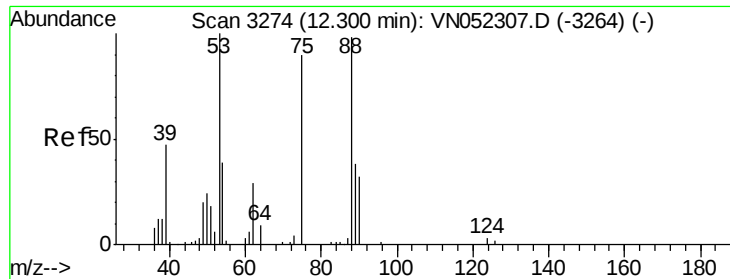
2000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 129.328 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

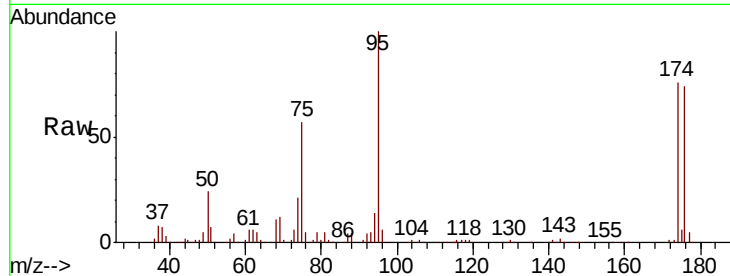
Tot Ion: 75 Resp: 109895

Ion Ratio Lower Upper

75 100

53 0.0 90.2 135.2#

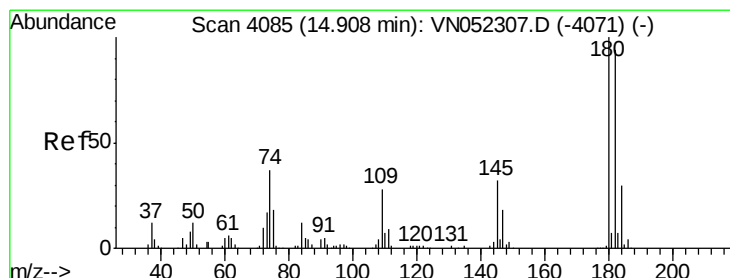
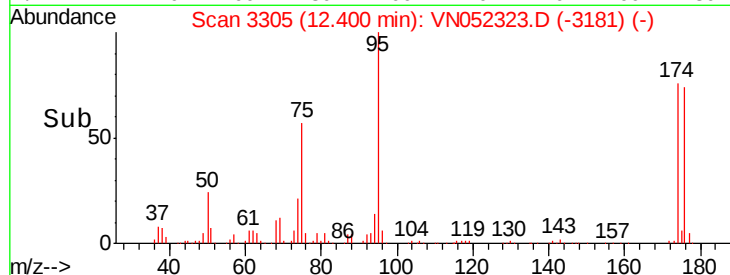
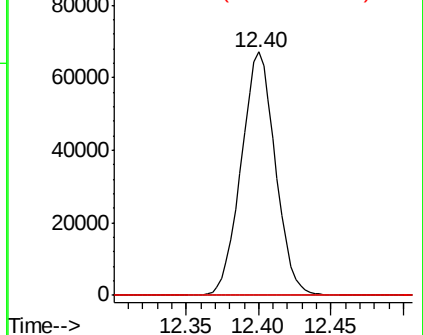
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: 2.427 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

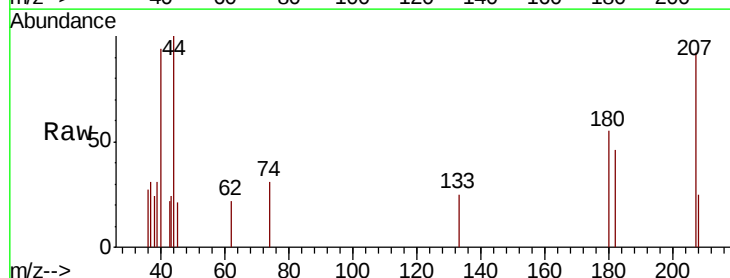
Tgt Ion: 180 Resp: 432

Ion Ratio Lower Upper

180 100

182 91.7 47.6 142.9

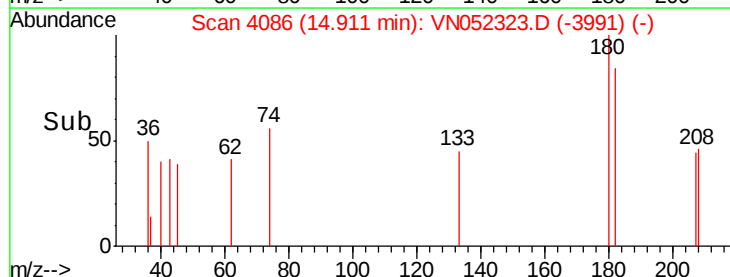
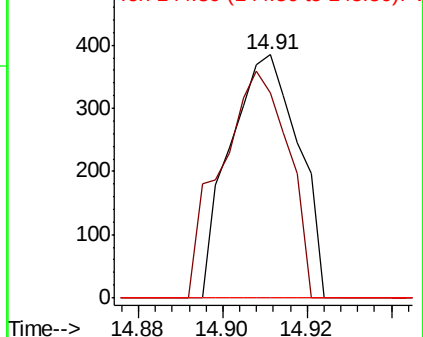
145 0.0 15.5 46.5#

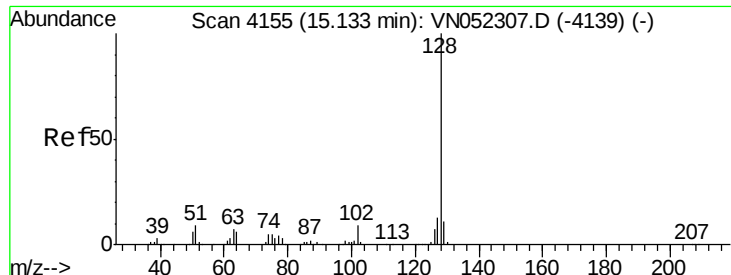


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 2.756 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

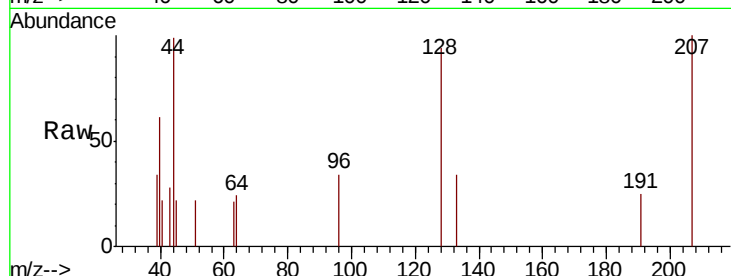
Tot Ion:128 Resp: 920

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

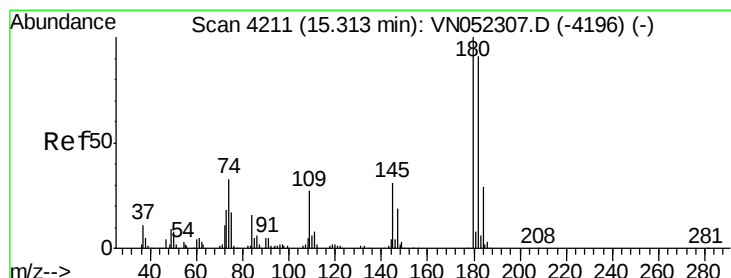
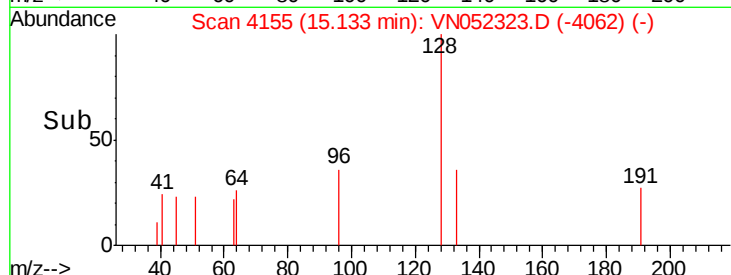
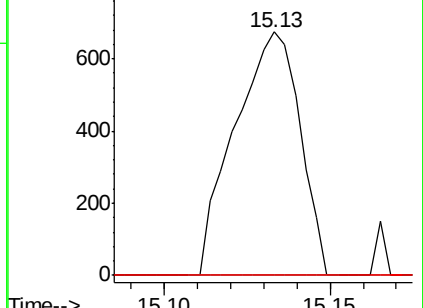
129 0.0 8.6 13.0#



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: 0.209 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

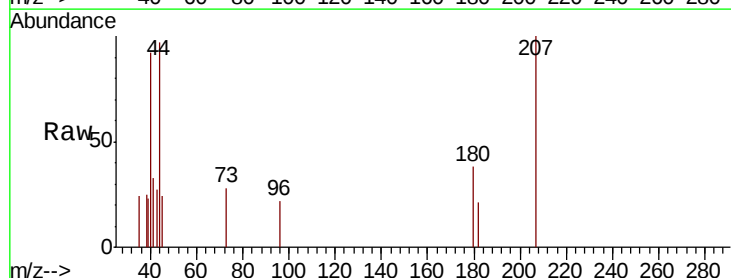
Tgt Ion:180 Resp: 415

Ion Ratio Lower Upper

180 100

182 82.9 46.5 139.3

145 0.0 16.4 49.2#



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

