

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051985.D
 Acq On : 24 Oct 2018 14:00
 Operator : MD\SY
 Sample : PB114120ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114120ZHE#01

Quant Time: Oct 25 01:46:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1079595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1570359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1458873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	642142	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	549531	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.59	113	581816	58.06	ug/l	0.00
Spiked Amount			Recovery	=	116.12%	
50) Toluene-d8	10.09	98	2141812	59.15	ug/l	0.00
Spiked Amount			Recovery	=	118.30%	
62) 4-Bromofluorobenzene	12.40	95	666854	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	

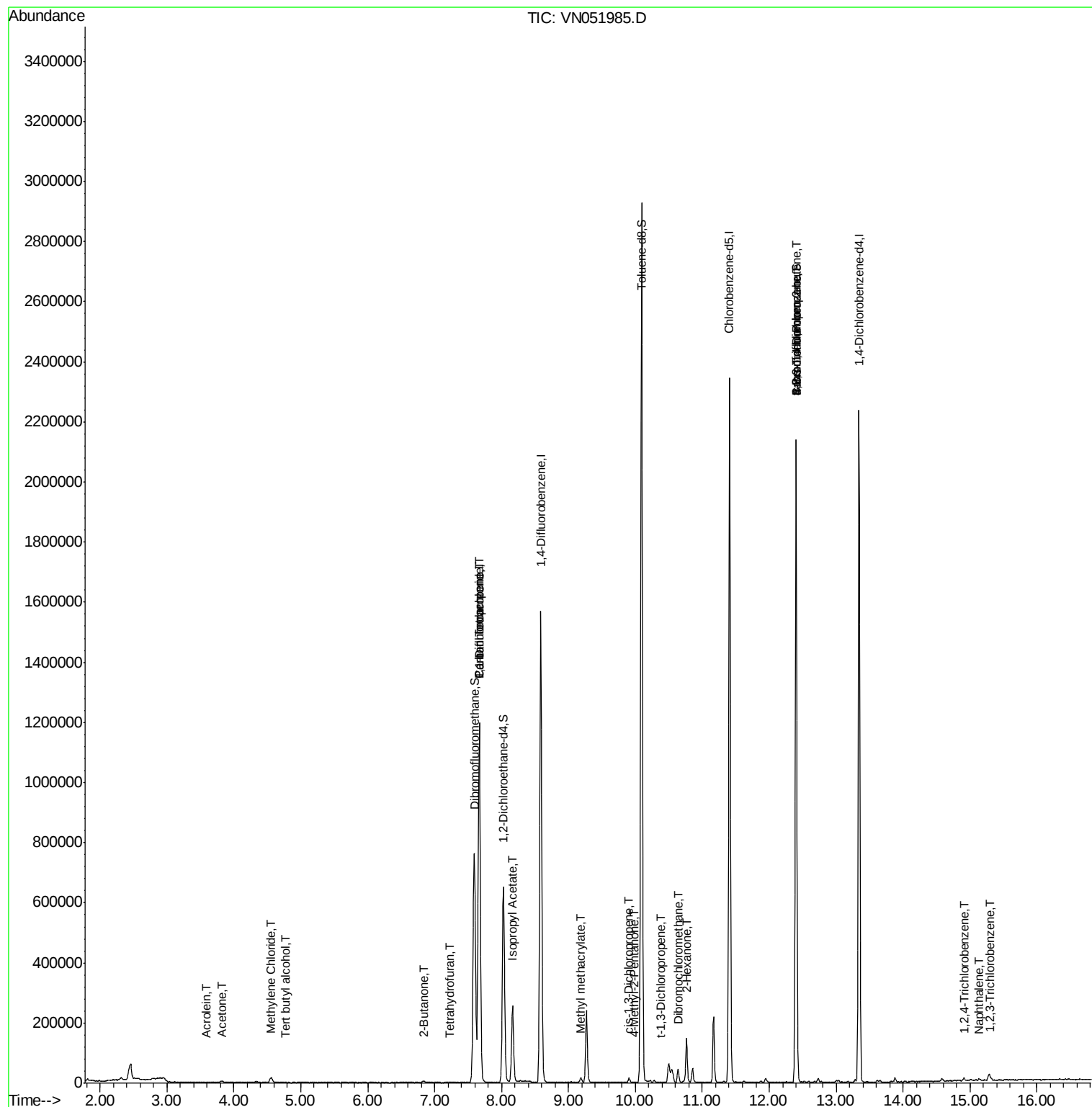
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	323	0.649	ug/l #	72
13) Acrolein	3.60	56	115	37.614	ug/l #	14
16) Acetone	3.82	43	7373	4.654	ug/l #	75
18) Methyl Acetate	4.32	43	3396	Below Cal	#	87
20) Methylene Chloride	4.55	84	13203	1.421	ug/l	94
25) 2-Butanone	6.84	43	4788	2.120	ug/l	94
29) Tetrahydrofuran	7.23	42	894	0.584	ug/l #	52
31) Cyclohexane	7.67	56	17358	Below Cal	#	48
36) 1,1-Dichloropropene	7.67	75	65191	5.412	ug/l #	48
37) Ethyl Acetate	6.95	43	170	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	95876	6.933	ug/l #	16
43) Isopropyl Acetate	8.16	43	283020	28.054	ug/l	99
48) Methyl methacrylate	9.18	41	7398	1.517	ug/l #	10
51) 4-Methyl-2-Pentanone	9.98	43	1137	0.205	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	30	1.246	ug/l #	43
54) cis-1,3-Dichloropropene	9.90	75	2902	0.225	ug/l #	74
59) 2-Hexanone	10.76	43	20603	5.526	ug/l #	57
60) Dibromochloromethane	10.63	129	284	2.001	ug/l #	11
71) Bromoform	12.40	173	6155	4.420	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	324598	48.937	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	324598	153.864	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	3187	0.269	ug/l	95
95) Naphthalene	15.13	128	6774	0.263	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	2990	0.264	ug/l	98

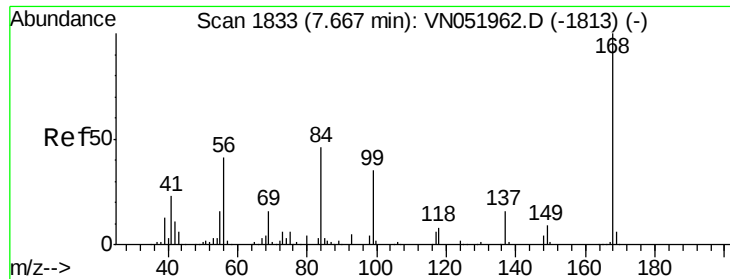
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102418\
Data File : VN051985.D
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Quant Time: Oct 25 01:46:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 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: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

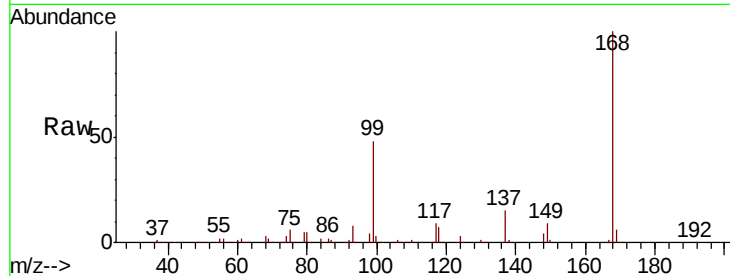
PB114120ZHE#01

Tot Ion:168 Resp: 1079595

Ion Ratio Lower Upper

168 100

99 47.9 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

400000

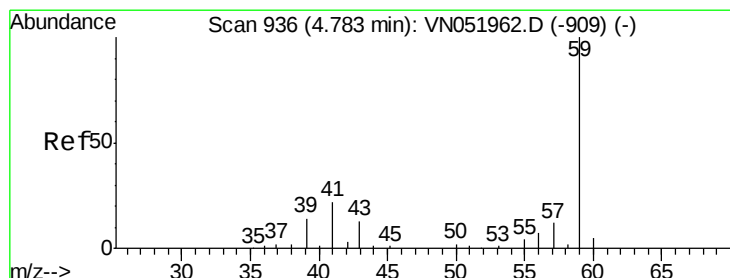
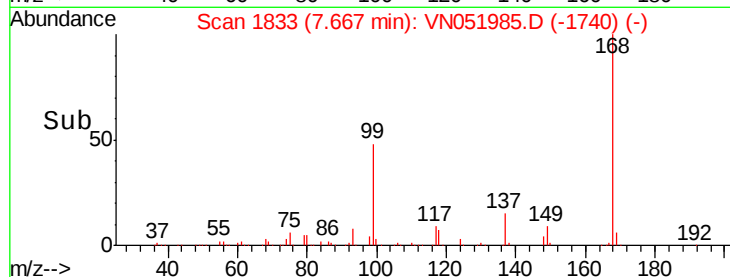
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.649 ug/l

RT: 4.78 min Scan# 935

Delta R.T. -0.00 min

Lab File: VN051985.D

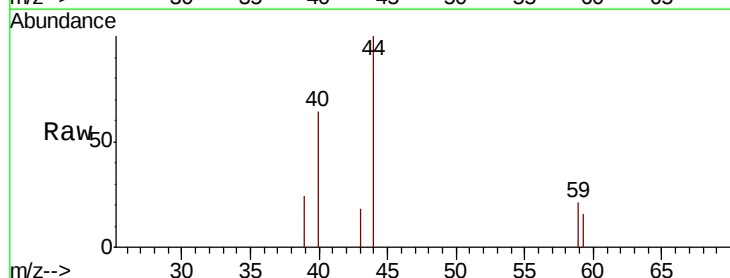
Acq: 24 Oct 2018 14:00

Tgt Ion: 59 Resp: 323

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN051962.D (-909) (-)

Ion 57.00 (56.70 to 57.70): VN051962.D (-909) (-)

4.78

400

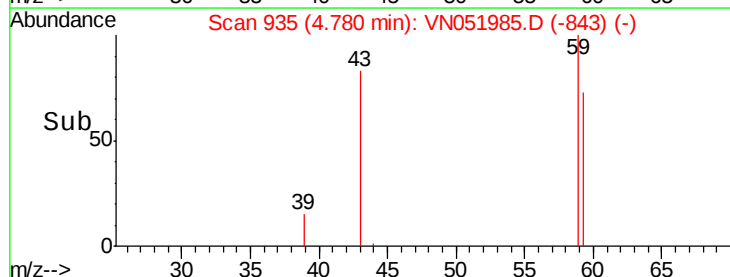
300

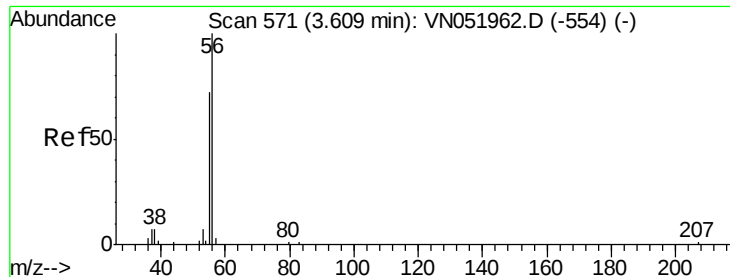
200

100

0

Time-->





#13

Acrolein

Concen: 37.614 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

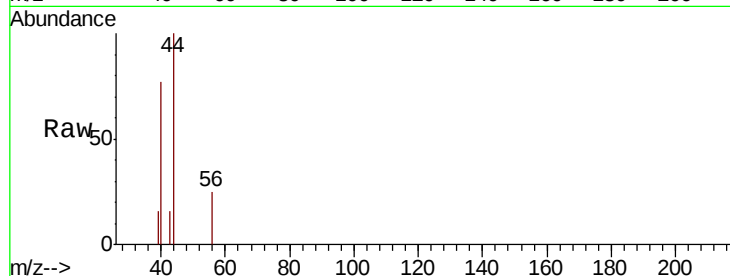
PB114120ZHE#01

Tot Ion: 56 Resp: 115

Ion Ratio Lower Upper

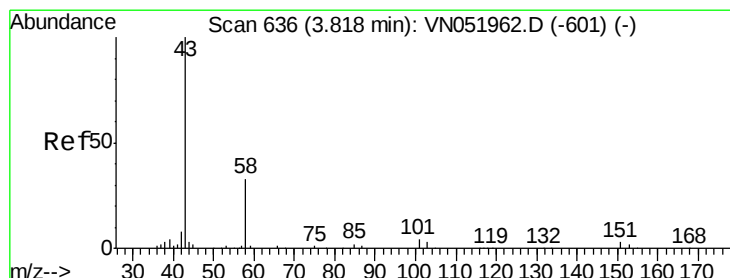
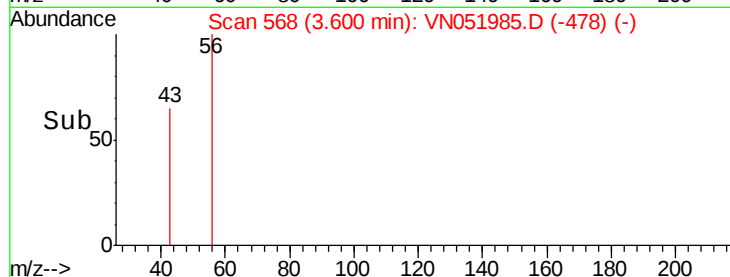
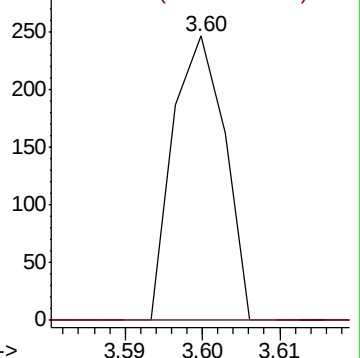
56 100

55 0.0 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 4.654 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051985.D

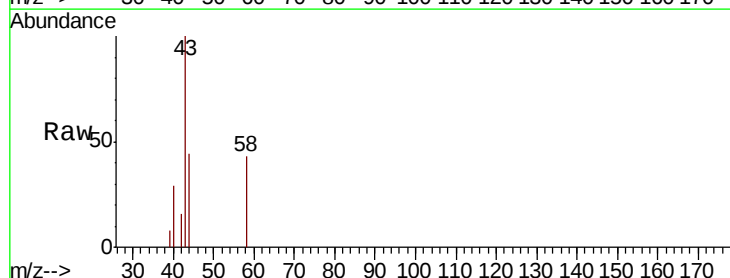
Acq: 24 Oct 2018 14:00

Tgt Ion: 43 Resp: 7373

Ion Ratio Lower Upper

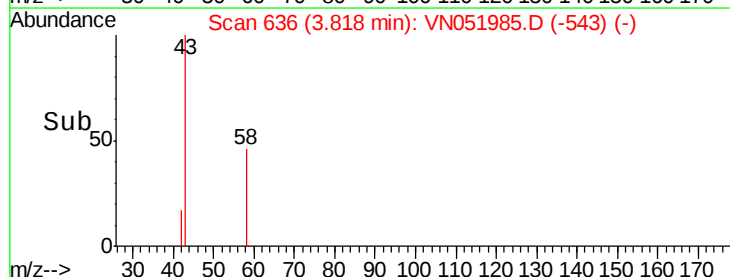
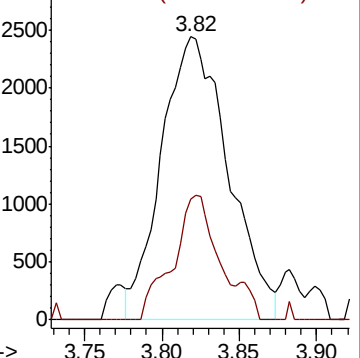
43 100

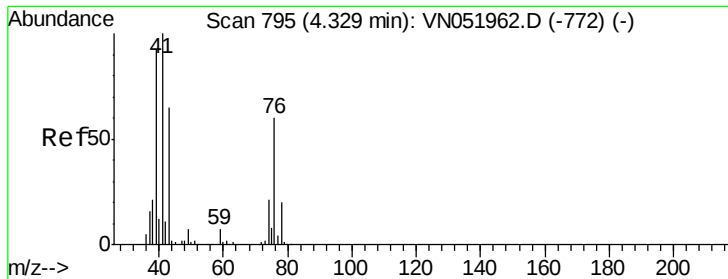
58 47.5 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

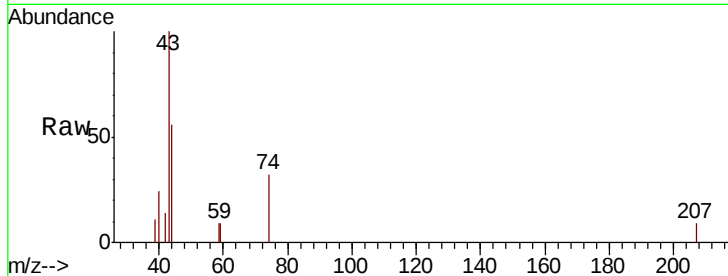
PB114120ZHE#01

Tot Ion: 43 Resp: 3396

Ion Ratio Lower Upper

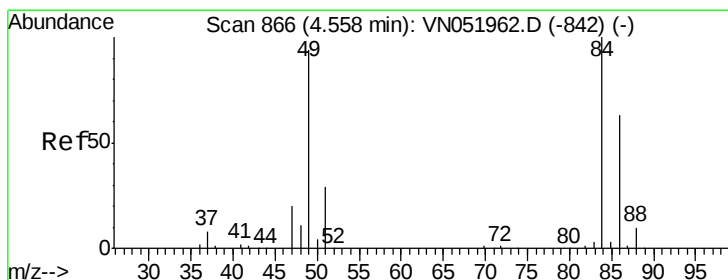
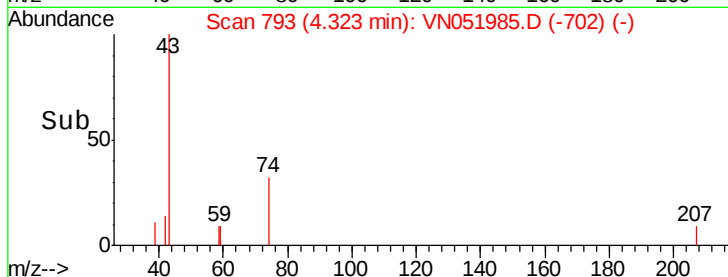
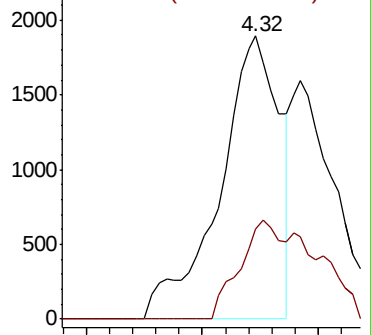
43 100

74 25.1 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 1.421 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Tgt Ion: 84 Resp: 13203

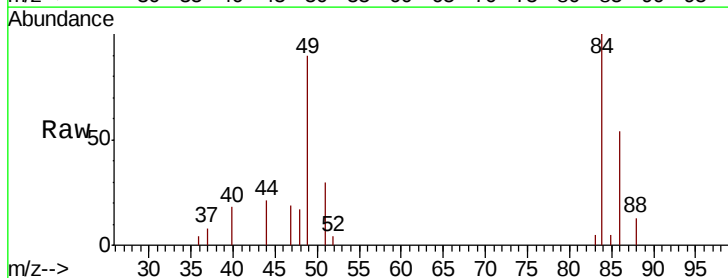
Ion Ratio Lower Upper

84 100

49 89.7 75.4 113.0

51 30.4 23.1 34.7

86 54.3 50.2 75.4

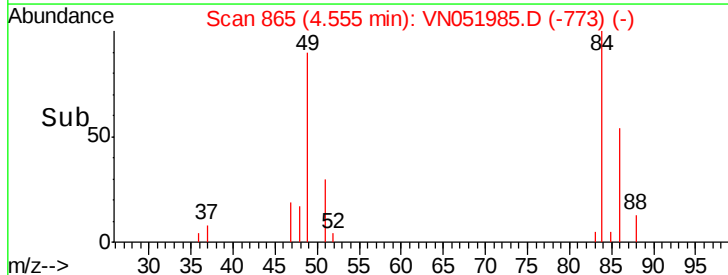
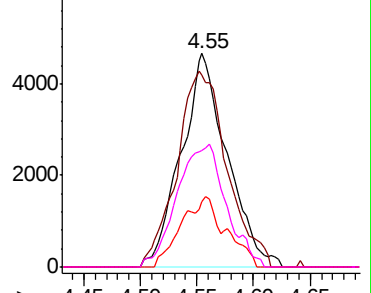


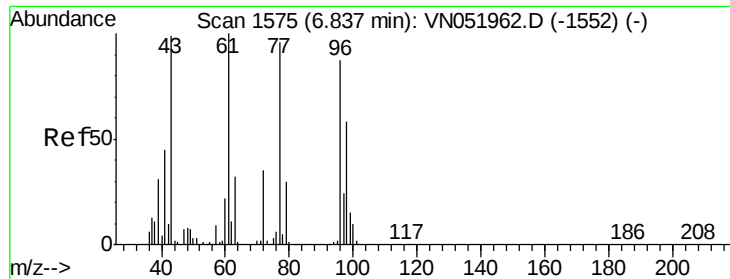
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 2.120 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

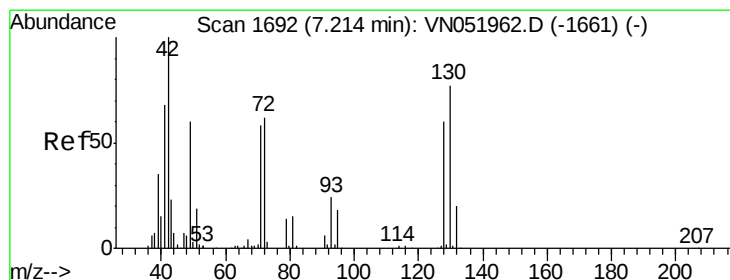
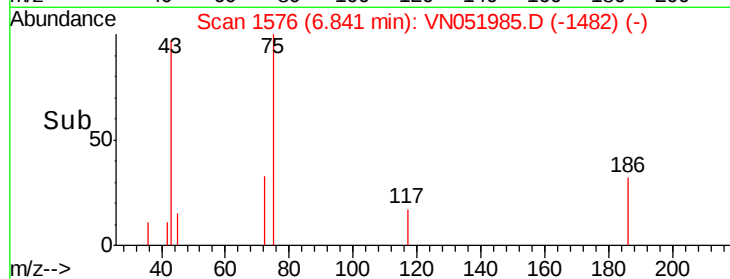
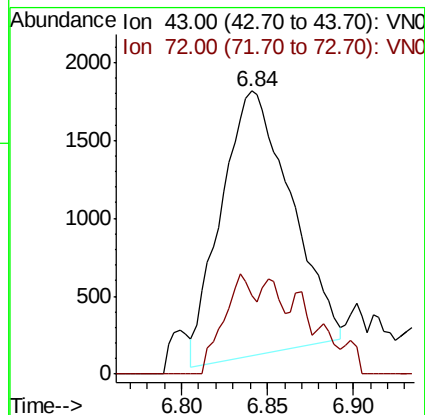
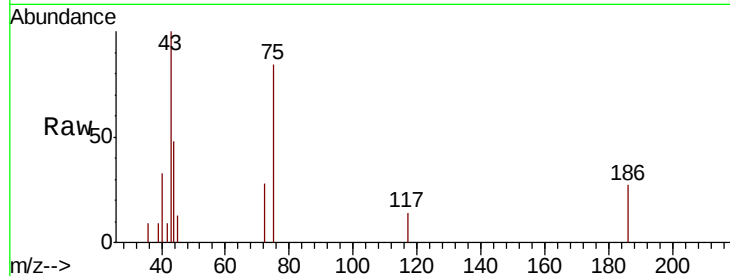
PB114120ZHE#01

Tot Ion: 43 Resp: 4788

Ion Ratio Lower Upper

43 100

72 31.9 28.5 42.7



#29

Tetrahydrofuran

Concen: 0.584 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

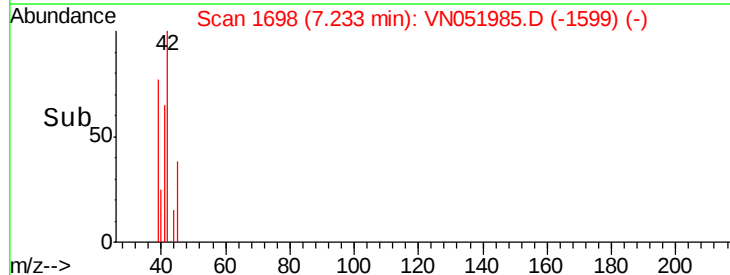
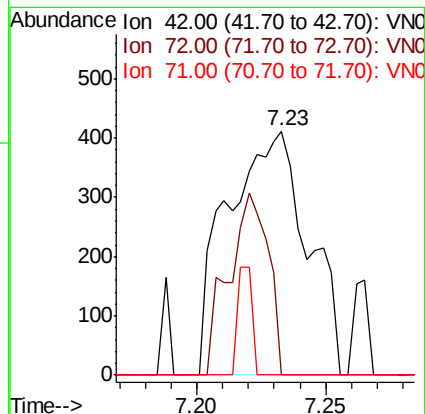
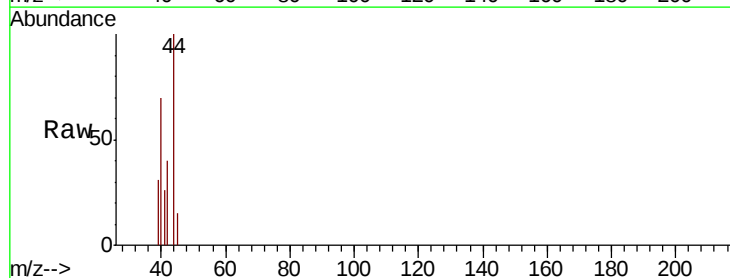
Tgt Ion: 42 Resp: 894

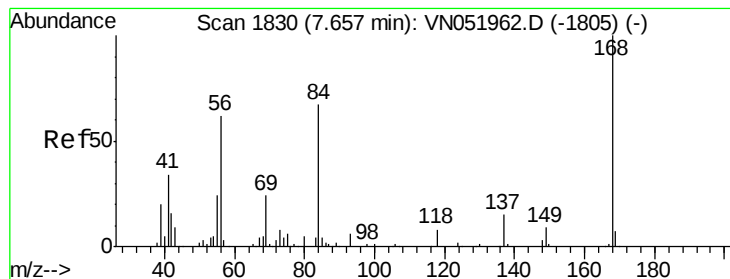
Ion Ratio Lower Upper

42 100

72 36.9 47.5 71.3#

71 7.8 45.4 68.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#01

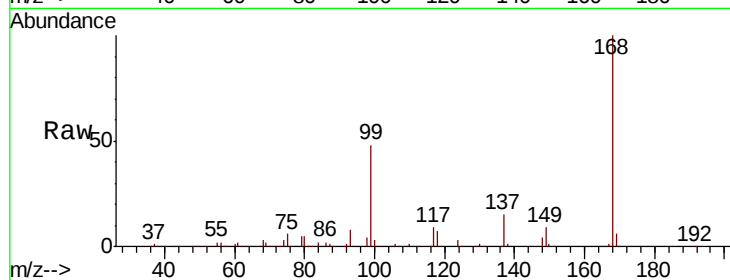
Tot Ion: 56 Resp: 17358

Ion Ratio Lower Upper

56 100

69 144.1 31.2 46.8#

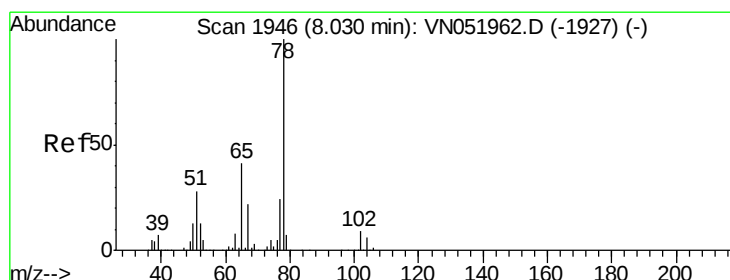
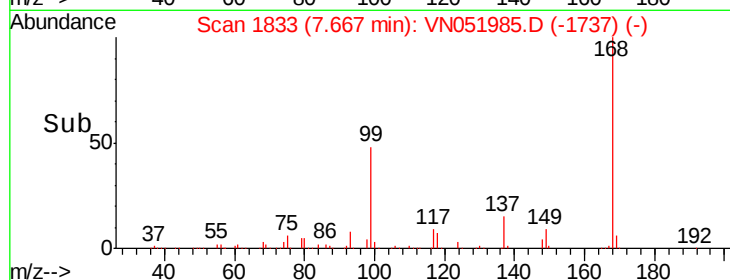
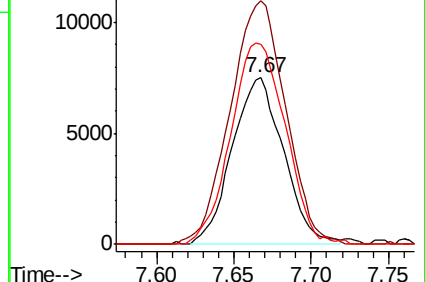
84 117.5 86.3 129.5



Abundance Ion 56.00 (55.70 to 56.70): VN051962.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN051962.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN051962.D (-1805) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051985.D

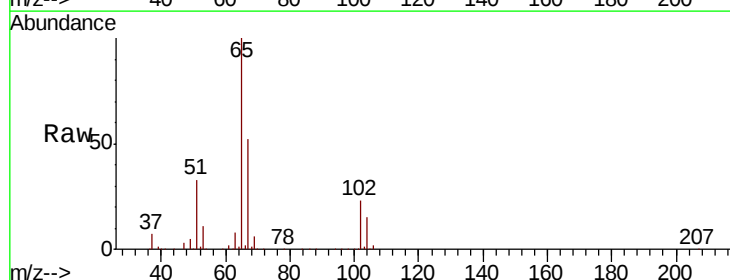
Acq: 24 Oct 2018 14:00

Tgt Ion: 65 Resp: 549531

Ion Ratio Lower Upper

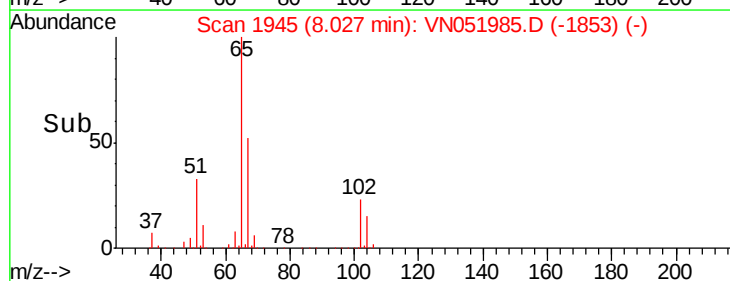
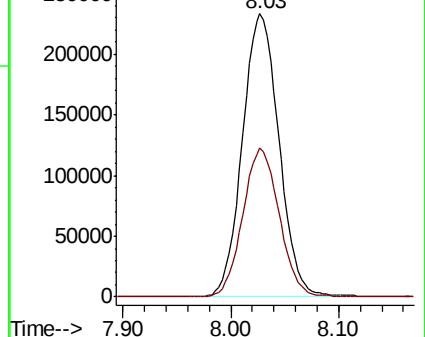
65 100

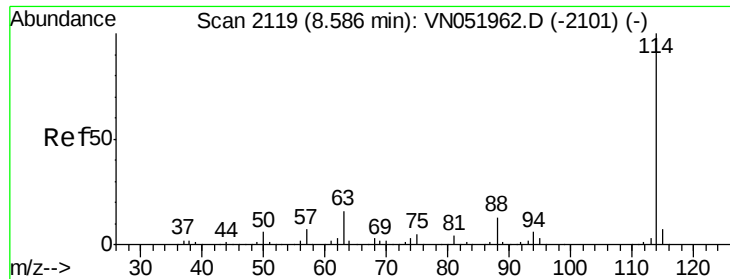
67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN051962.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN051962.D (-1927) (-)

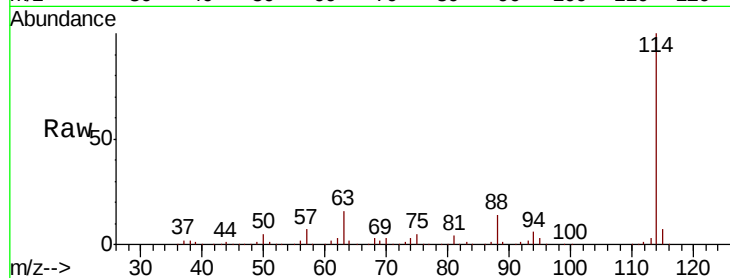




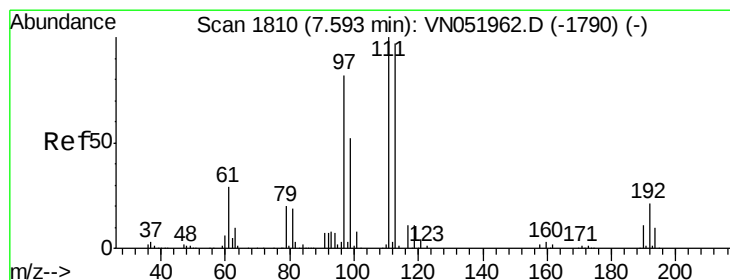
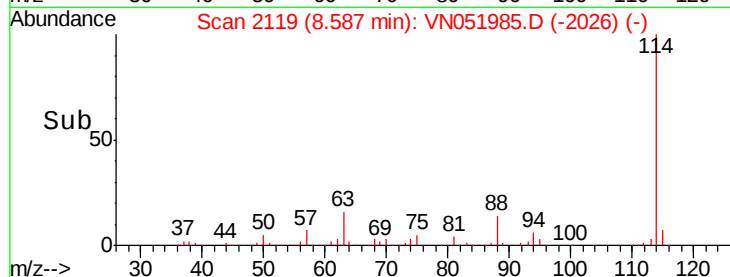
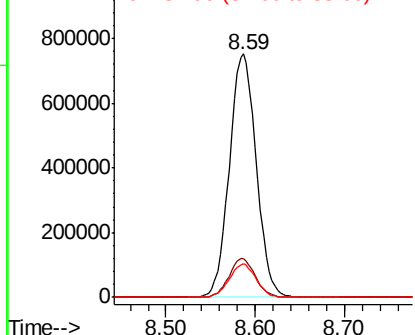
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051985.D
 Acq: 24 Oct 2018 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114120ZHE#01

Tot Ion:114 Resp: 1570359
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.2
 88 13.6 0.0 27.0

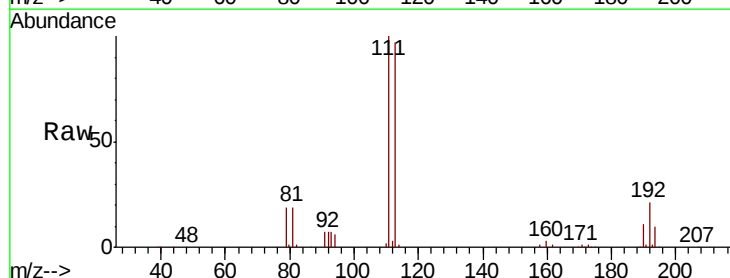


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

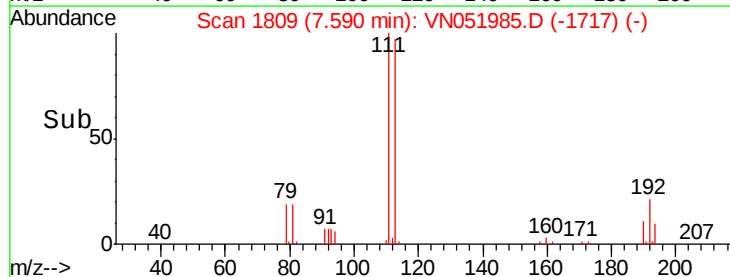
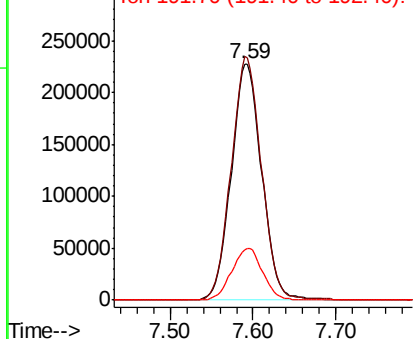


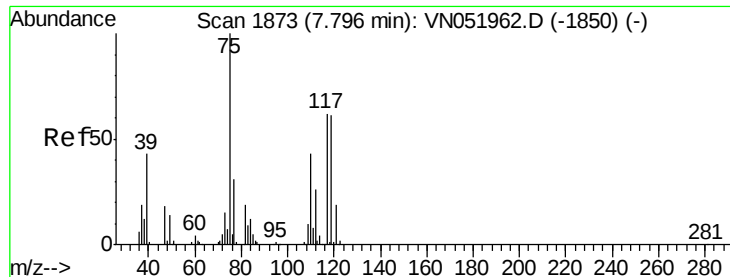
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051985.D
 Acq: 24 Oct 2018 14:00

Tgt Ion:113 Resp: 581816
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.3 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.412 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#01

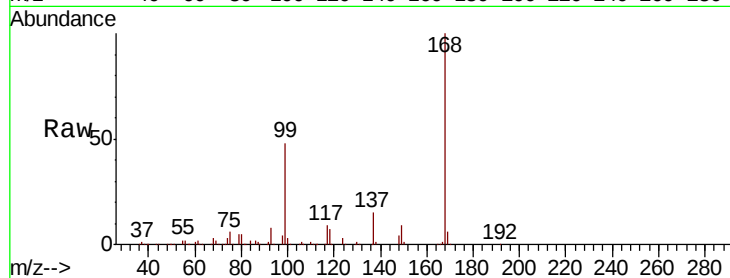
Tot Ion: 75 Resp: 65191

Ion Ratio Lower Upper

75 100

110 10.6 20.9 62.8#

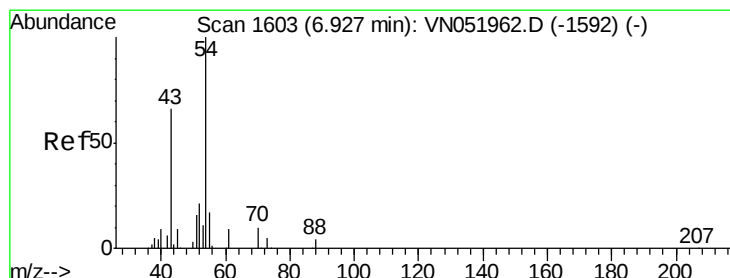
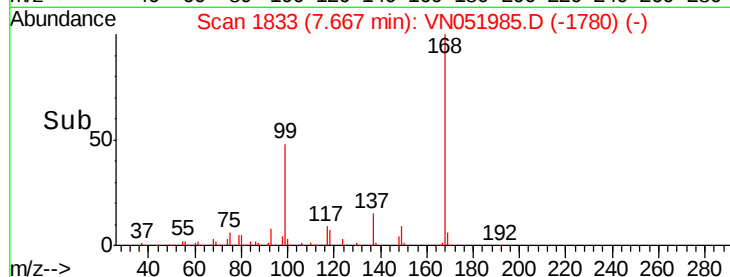
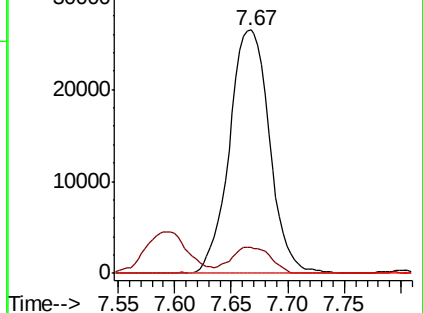
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: Below Cal

RT: 6.95 min Scan# 1610

Delta R.T. 0.02 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

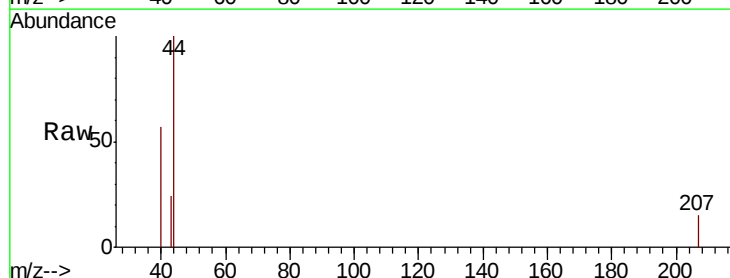
Tgt Ion: 43 Resp: 170

Ion Ratio Lower Upper

43 100

61 0.0 13.5 20.3#

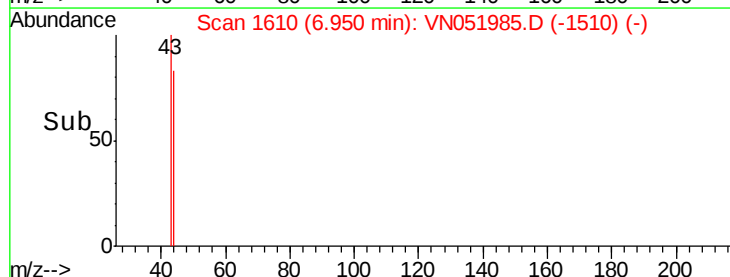
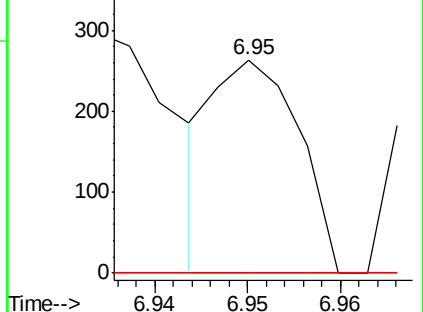
70 0.0 9.8 14.6#

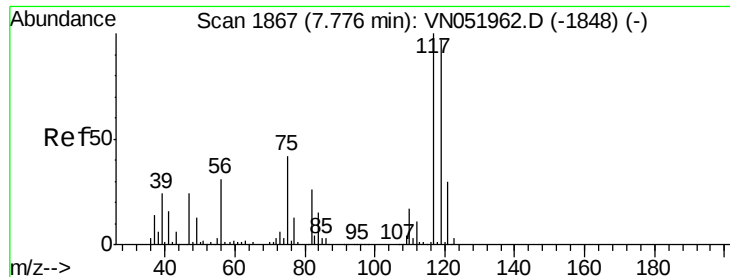


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.933 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#01

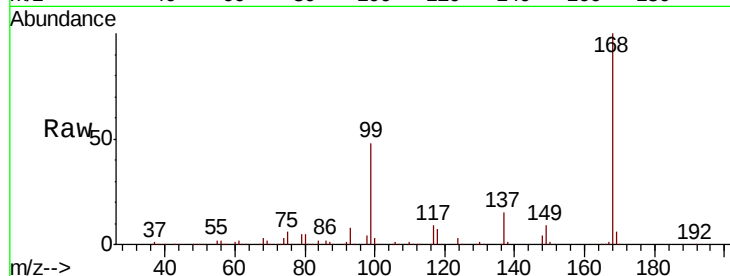
Tot Ion:117 Resp: 95876

Ion Ratio Lower Upper

117 100

119 5.1 77.4 116.0#

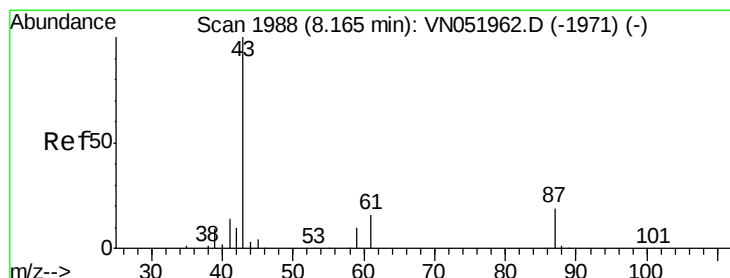
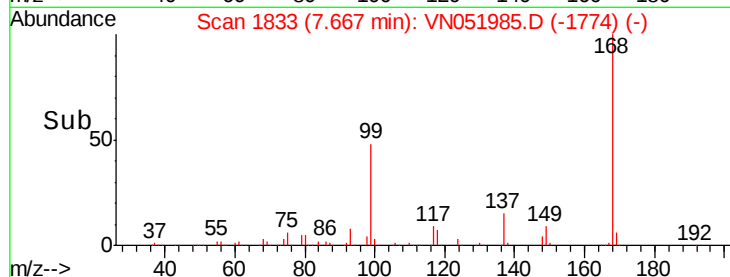
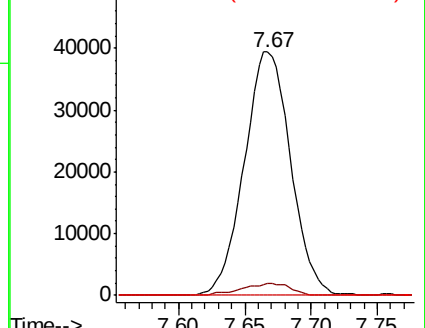
121 0.0 24.2 36.4#



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



#43

Isopropyl Acetate

Concen: 28.054 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

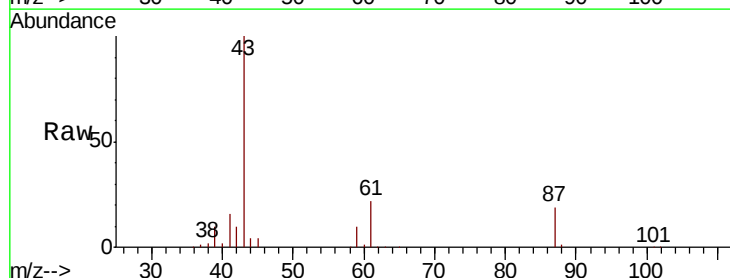
Tgt Ion: 43 Resp: 283020

Ion Ratio Lower Upper

43 100

61 21.6 17.2 25.8

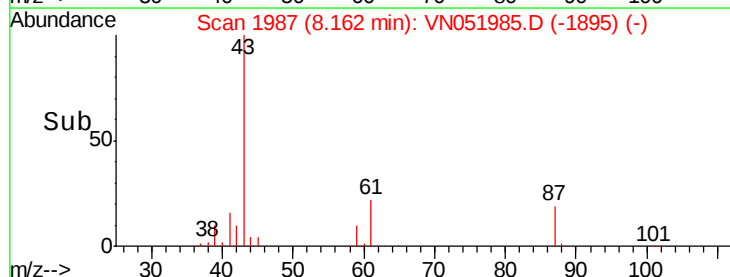
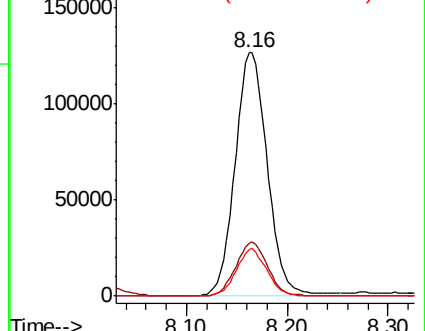
87 18.1 15.2 22.8

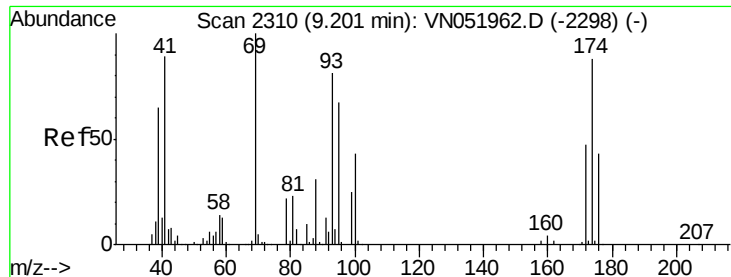


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

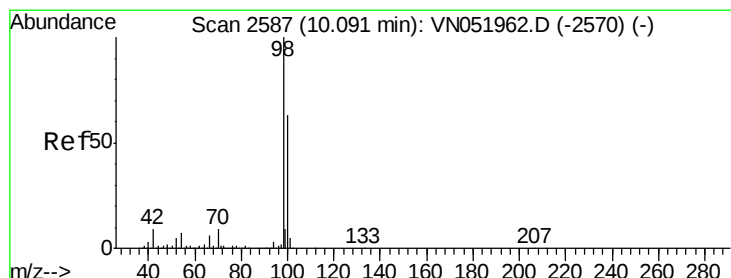
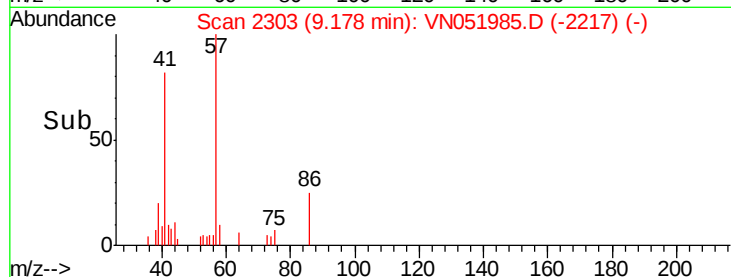
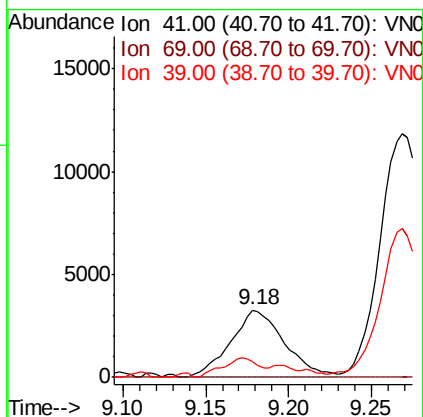
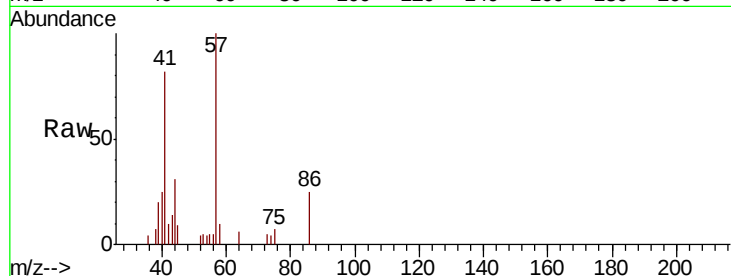




#48
Methvl methacrylate
Concen: 1.517 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051985.D
Acq: 24 Oct 2018 14:00

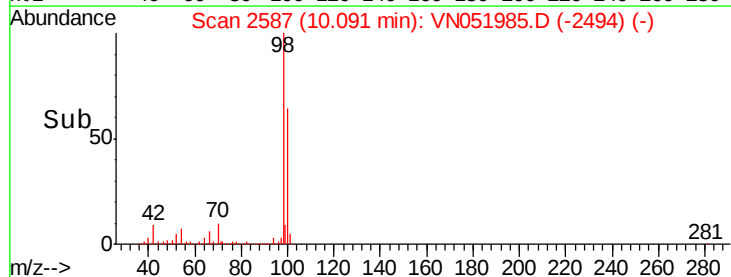
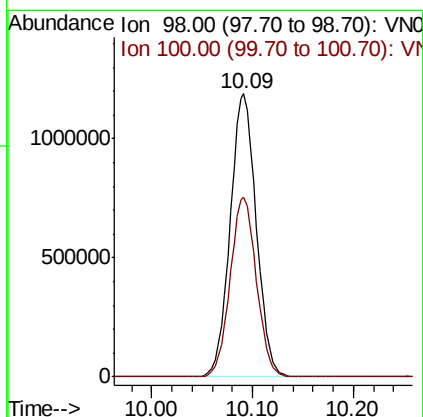
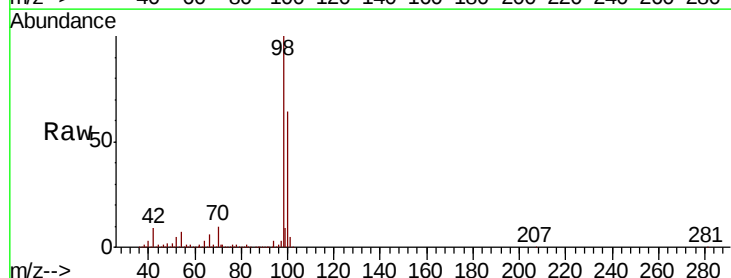
Instrument :
MSVOA_N
ClientSampleId :
PB114120ZHE#01

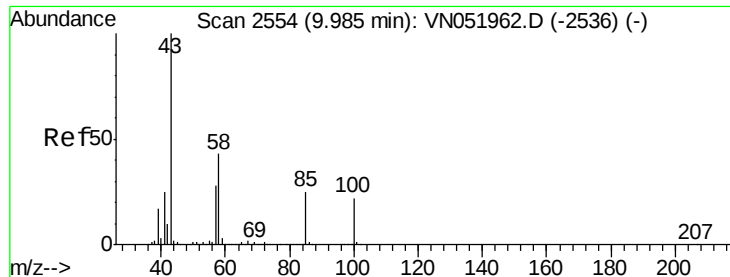
Tot Ion: 41 Resp: 7398
Ion Ratio Lower Upper
41 100
69 0.0 92.2 138.4#
39 20.0 60.2 90.4#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051985.D
Acq: 24 Oct 2018 14:00

Tgt Ion: 98 Resp: 2141812
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.205 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

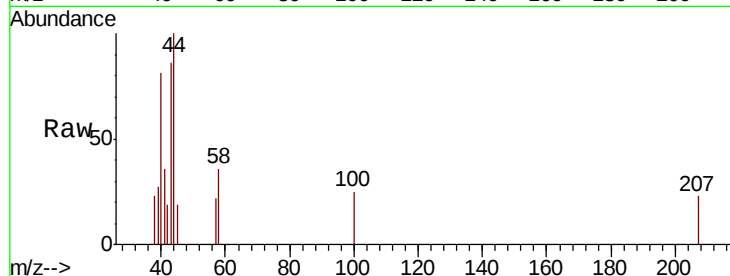
PB114120ZHE#01

Tot Ion: 43 Resp: 1137

Ion Ratio Lower Upper

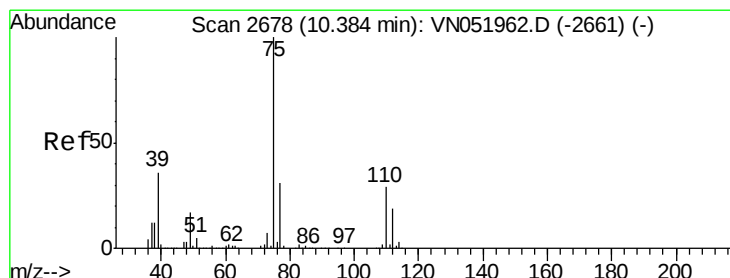
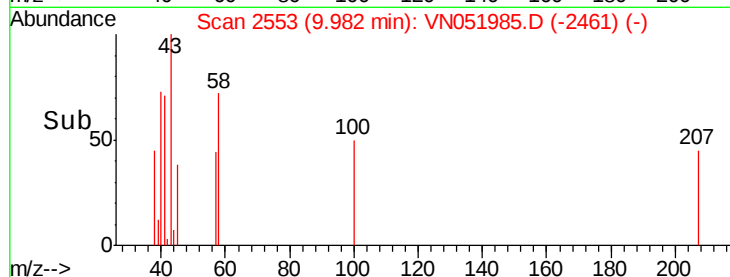
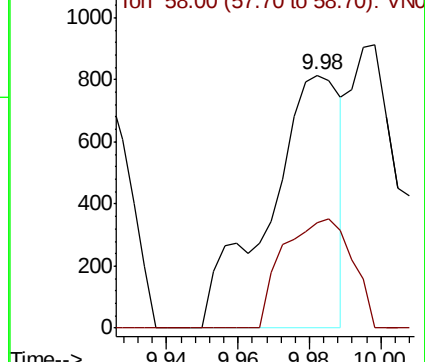
43 100

58 41.3 34.8 52.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 1.246 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN051985.D

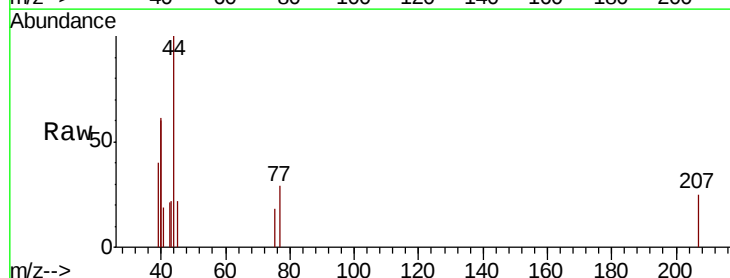
Acq: 24 Oct 2018 14:00

Tgt Ion: 75 Resp: 30

Ion Ratio Lower Upper

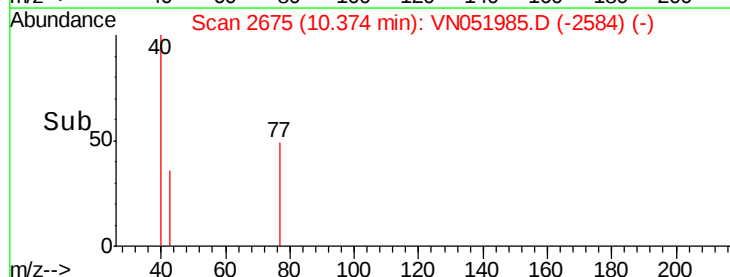
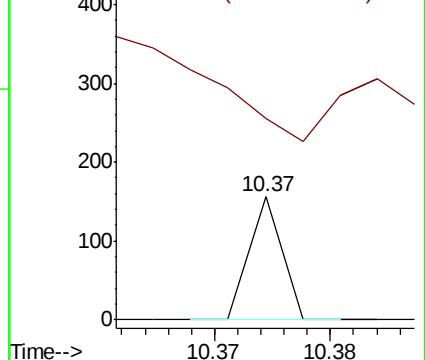
75 100

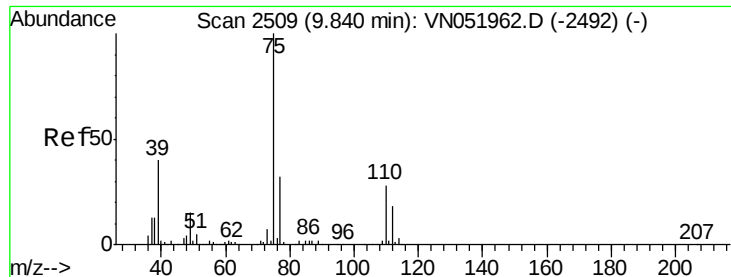
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

cis-1,3-Dichloropropene

Concen: 0.225 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#01

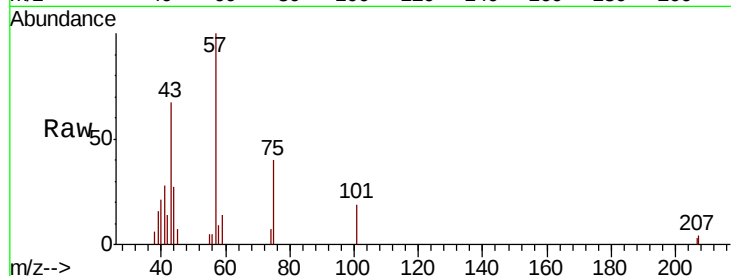
Tot Ion: 75 Resp: 2902

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

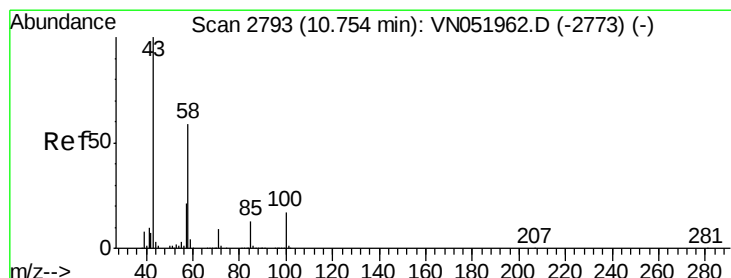
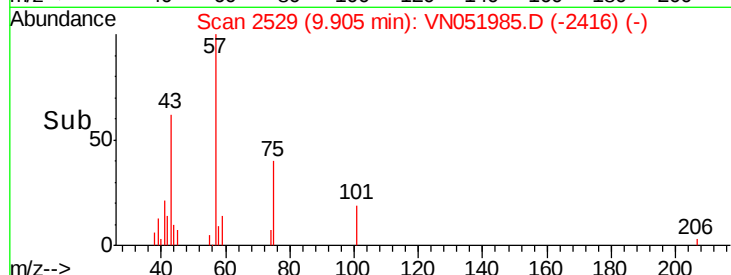
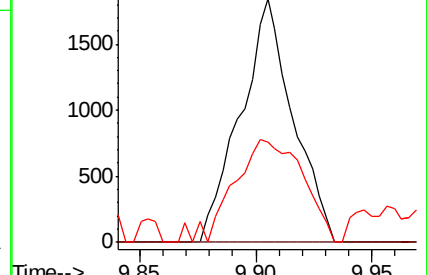
39 41.3 32.0 48.0



Abundance Ion 74.90 (74.60 to 75.60): VN051962.D (-2492) (-)

Ion 76.90 (76.60 to 77.60): VN051962.D (-2492) (-)

Ion 39.00 (38.70 to 39.70): VN051962.D (-2492) (-)



#59

2-Hexanone

Concen: 5.526 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN051985.D

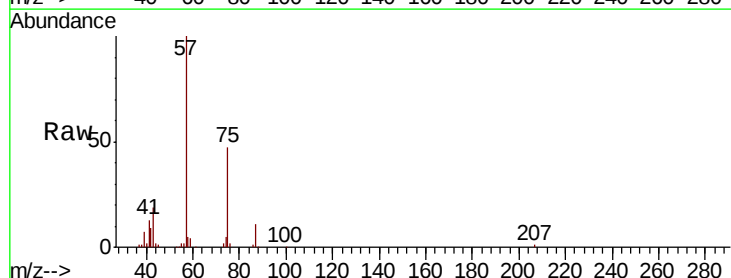
Acq: 24 Oct 2018 14:00

Tgt Ion: 43 Resp: 20603

Ion Ratio Lower Upper

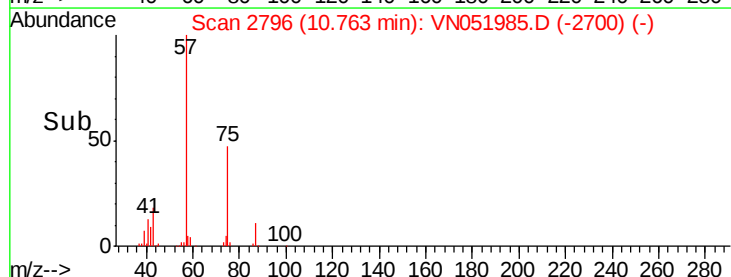
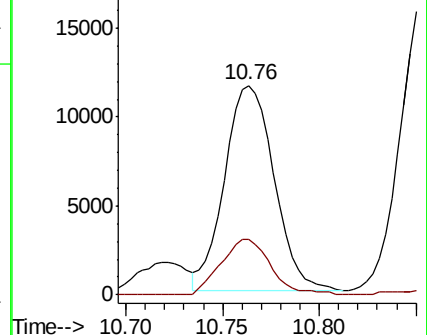
43 100

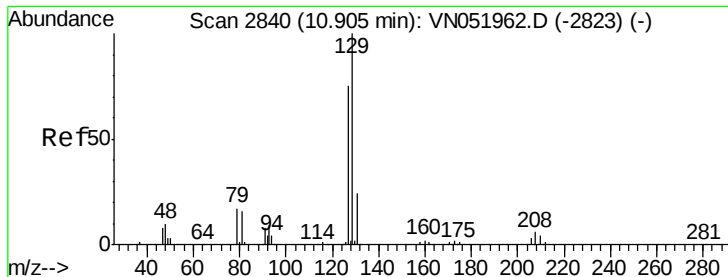
58 27.3 29.9 89.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-2773) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-2773) (-)





#60

Dibromochloromethane

Concen: 2.001 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

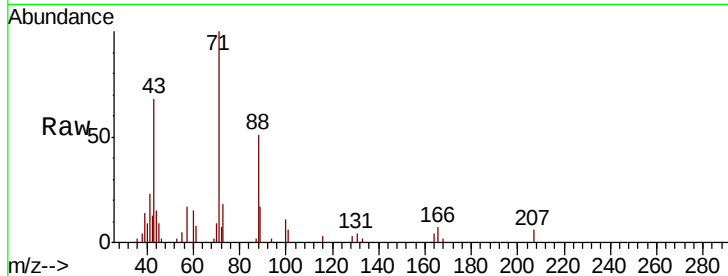
PB114120ZHE#01

Tot Ion:129 Resp: 284

Ion Ratio Lower Upper

129 100

127 0.0 38.0 114.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

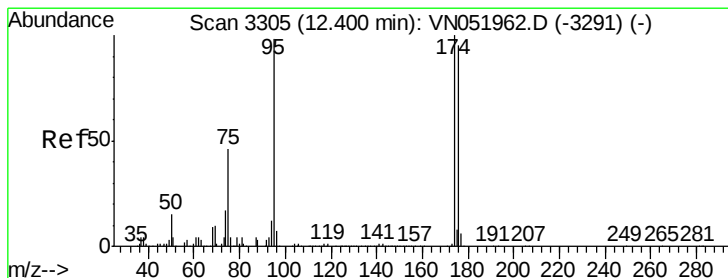
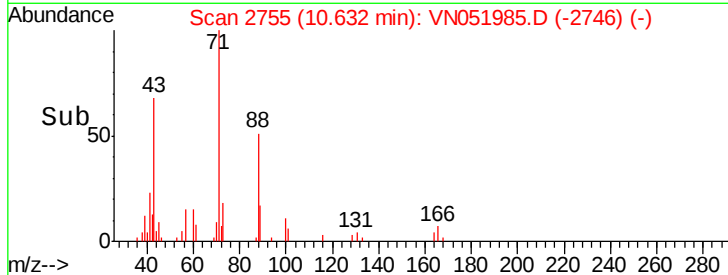
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

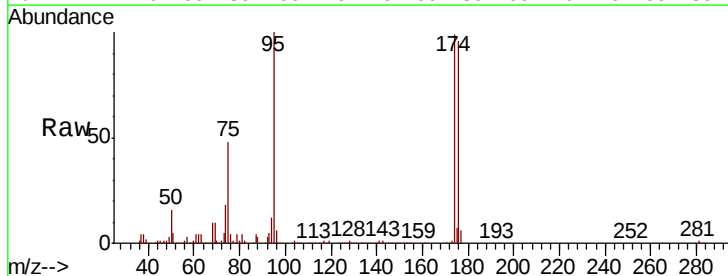
Tgt Ion: 95 Resp: 666854

Ion Ratio Lower Upper

95 100

174 99.8 0.0 206.0

176 97.0 0.0 198.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

500000

400000

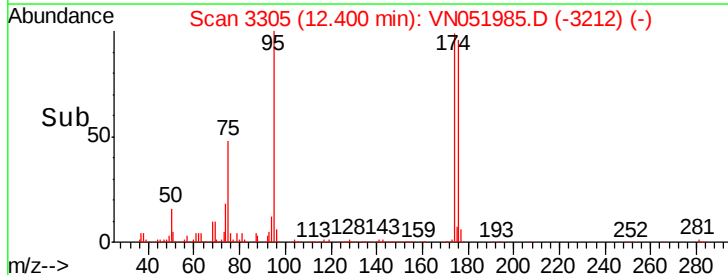
300000

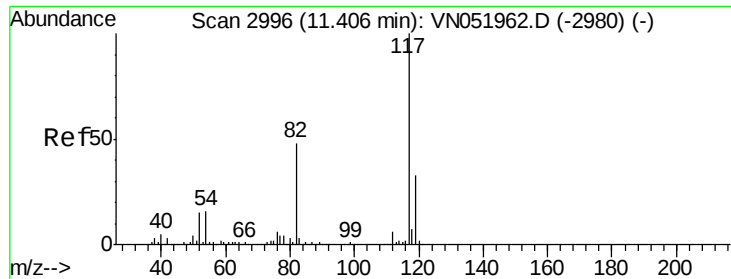
200000

100000

0

Time-->

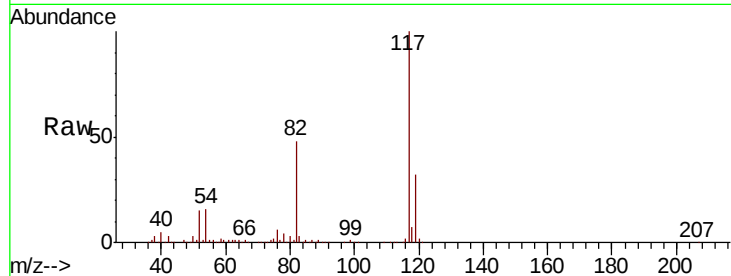




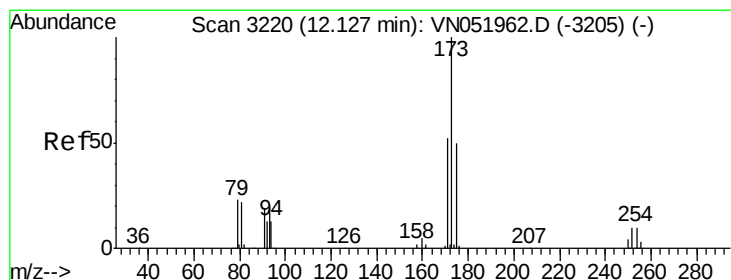
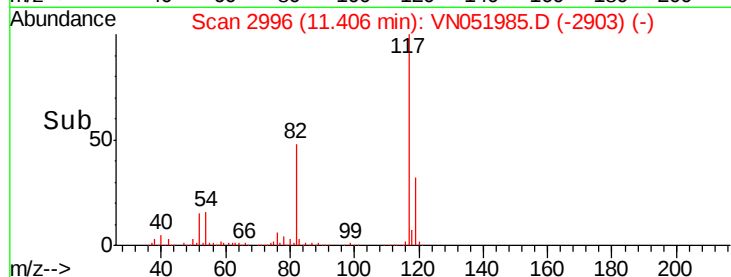
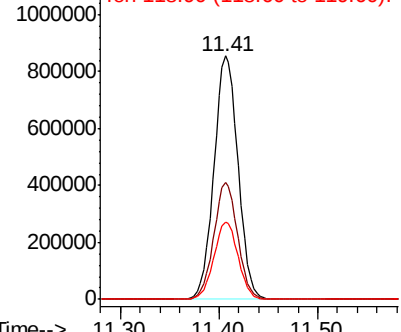
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051985.D
Acq: 24 Oct 2018 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB114120ZHE#01

Tot Ion:117 Resp: 1458873
Ion Ratio Lower Upper
117 100
82 48.0 38.1 57.1
119 31.9 26.4 39.6

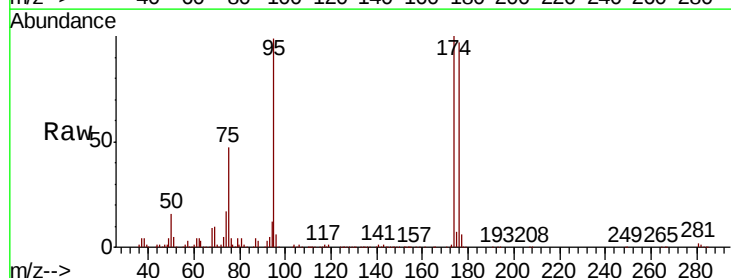


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

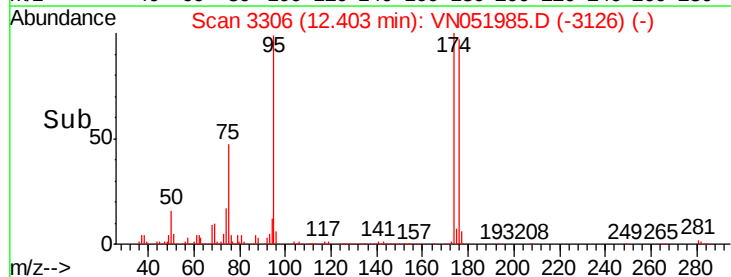
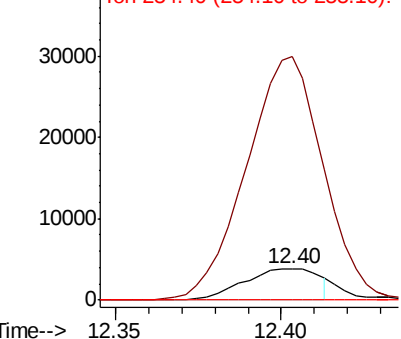


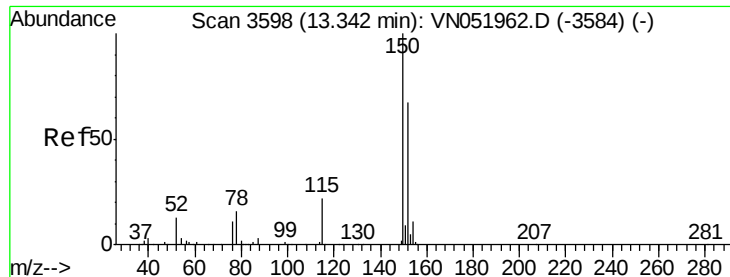
#71
Bromoform
Concen: 4.420 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051985.D
Acq: 24 Oct 2018 14:00

Tgt Ion:173 Resp: 6155
Ion Ratio Lower Upper
173 100
175 708.1 24.6 74.0#
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

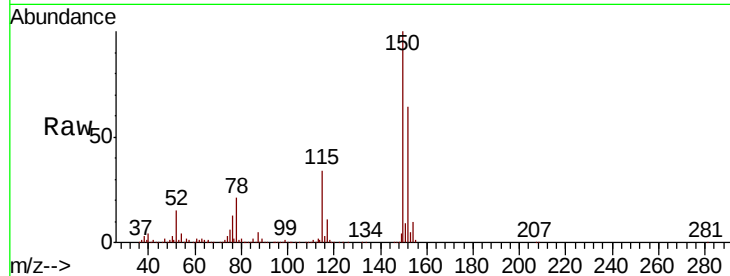




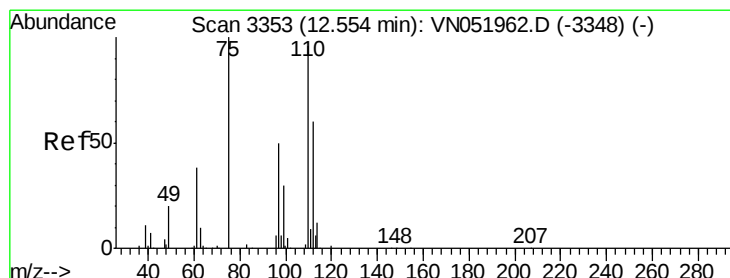
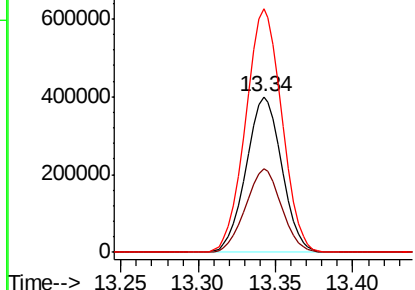
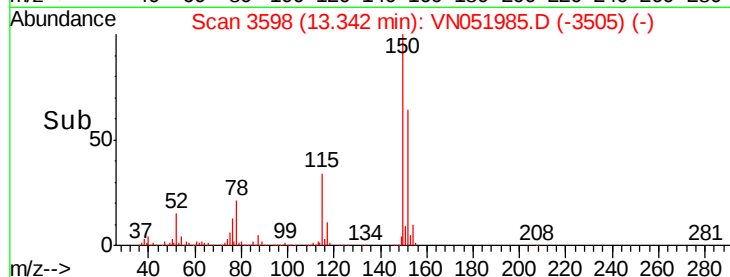
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN051985.D
 Acq: 24 Oct 2018 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114120ZHE#01

Tot Ion:152 Resp: 642142
 Ion Ratio Lower Upper
 152 100
 115 54.0 25.8 77.3
 150 158.4 0.0 344.4

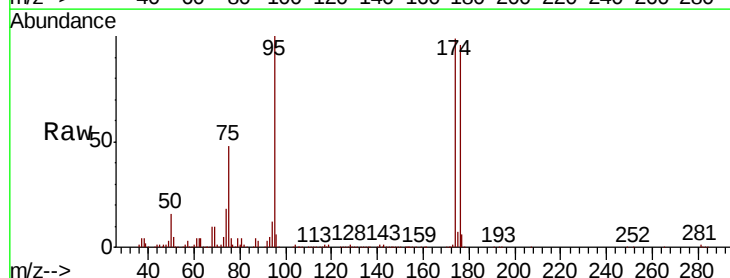


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

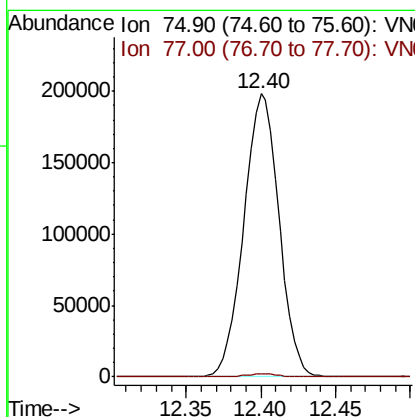
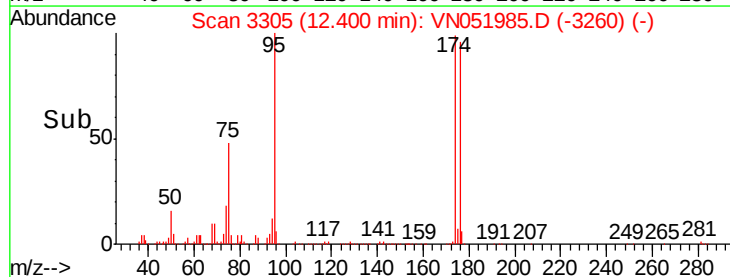


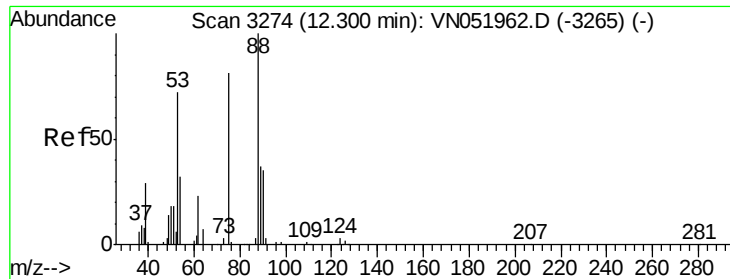
#76
 1,2,3-Trichloropropane
 Concen: 48.937 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN051985.D
 Acq: 24 Oct 2018 14:00

Tgt Ion: 75 Resp: 324598
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 153.864 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#01

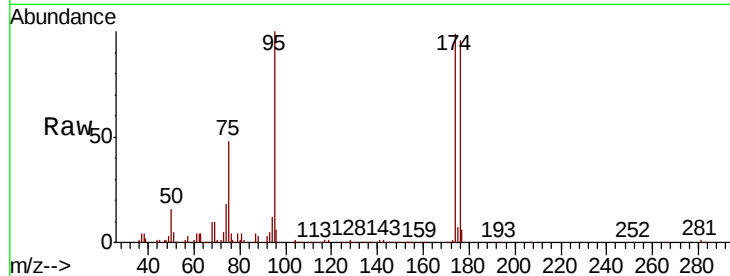
Tot Ion: 75 Resp: 324598

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

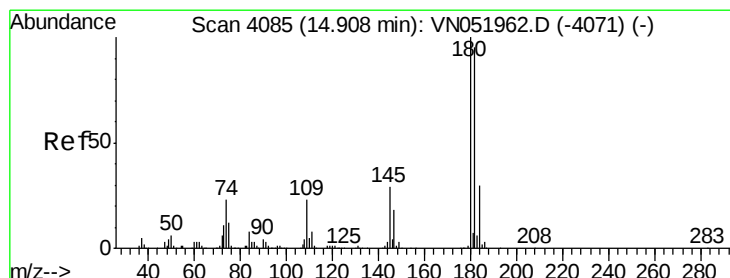
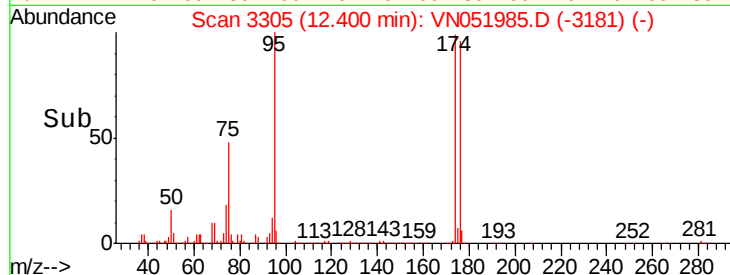
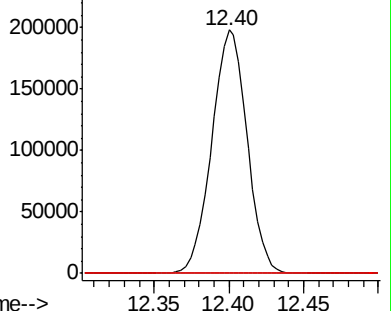
89 0.0 41.6 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VN051985.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN051985.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN051985.D (-3305) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.269 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

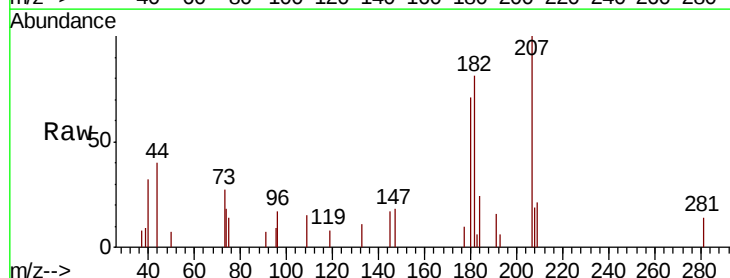
Tgt Ion:180 Resp: 3187

Ion Ratio Lower Upper

180 100

182 91.5 47.8 143.4

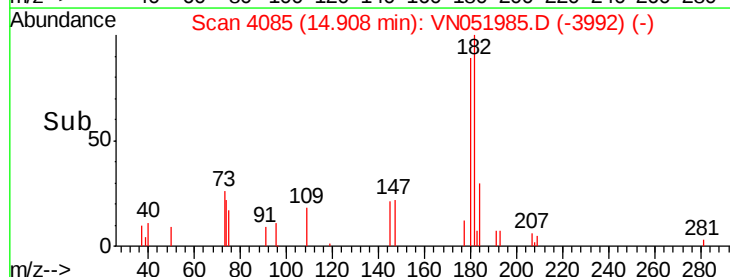
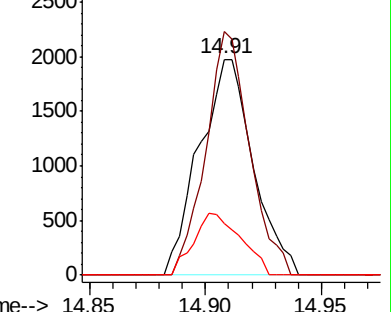
145 25.0 14.5 43.5

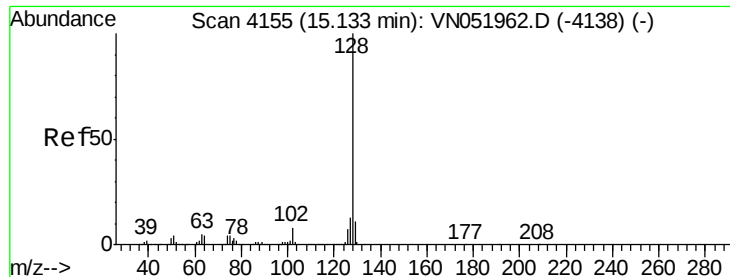


Abundance Ion 179.80 (179.50 to 180.50): VN051985.D (-4085) (-)

Ion 181.80 (181.50 to 182.50): VN051985.D (-4085) (-)

Ion 144.80 (144.50 to 145.50): VN051985.D (-4085) (-)





#95

Naphthalene

Concen: 0.263 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#01

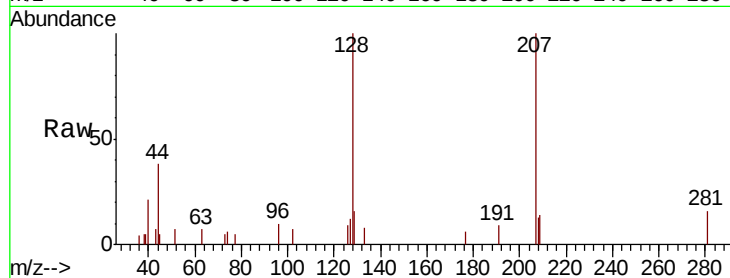
Tot Ion:128 Resp: 6774

Ion Ratio Lower Upper

128 100

127 10.1 10.3 15.5#

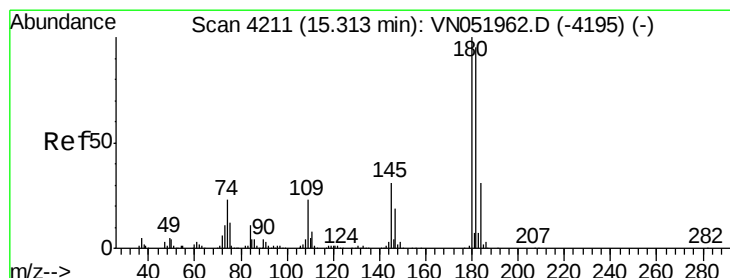
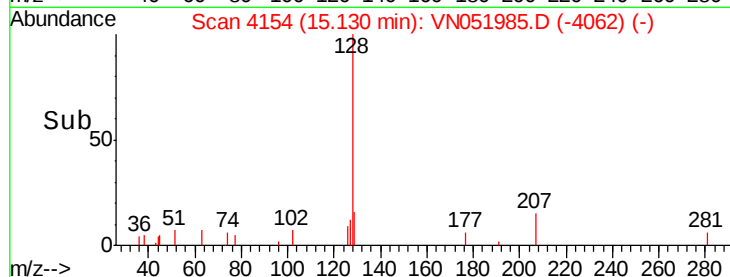
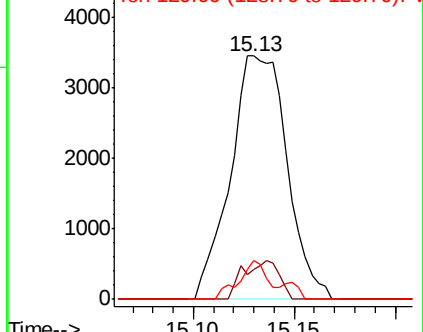
129 8.2 8.6 13.0#



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: 0.264 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051985.D

Acq: 24 Oct 2018 14:00

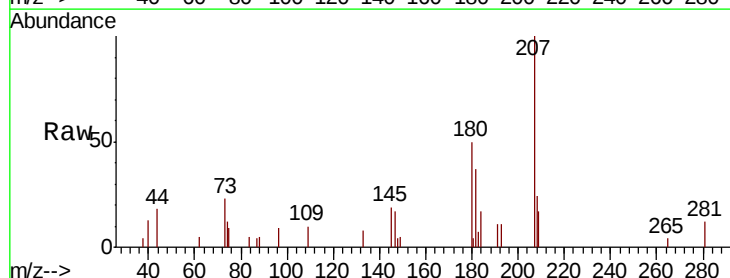
Tgt Ion:180 Resp: 2990

Ion Ratio Lower Upper

180 100

182 97.6 47.9 143.6

145 30.7 15.4 46.2



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

