

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057895.D
 Acq On : 11 Sep 2019 4:03
 Operator : JC/SP
 Sample : VN0911WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL02

Quant Time: Sep 11 05:19:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

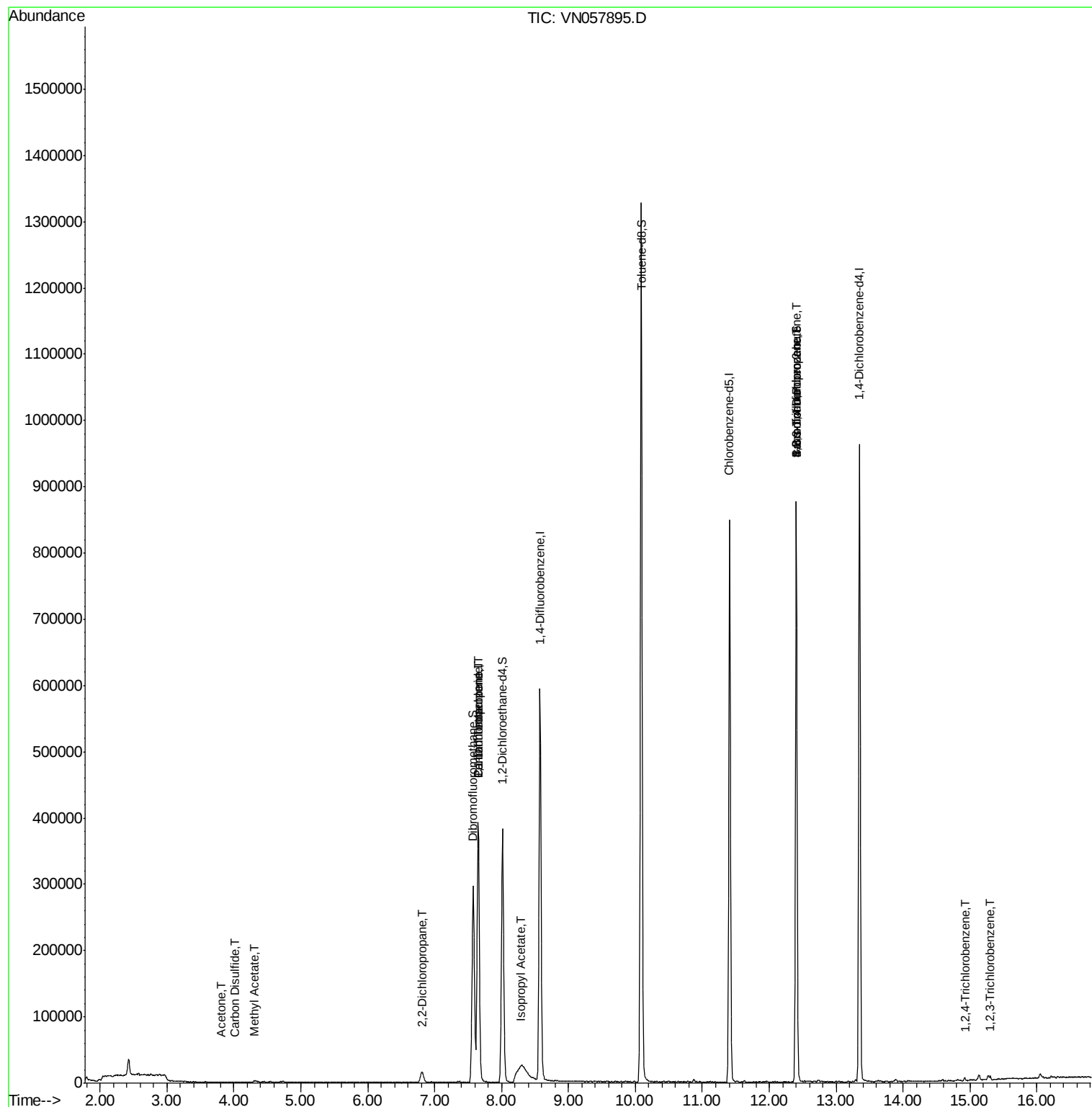
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	301794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	464698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	323589	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
35) Dibromofluoromethane	7.58	113	222762	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
50) Toluene-d8	10.09	98	914057	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	300681	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.55	94	842	Below Cal	#	57
16) Acetone	3.82	43	660	0.329	ug/l #	47
17) Carbon Disulfide	4.02	76	269	0.212	ug/l #	75
18) Methyl Acetate	4.30	43	1582	0.296	ug/l #	75
20) Methylene Chloride	4.53	84	178	Below Cal	#	36
26) 2,2-Dichloropropane	6.81	77	1399	0.219	ug/l #	54
31) Cyclohexane	7.65	56	7918	Below Cal	#	3
36) 1,1-Dichloropropene	7.65	75	27069	4.536	ug/l #	50
38) Carbon Tetrachloride	7.65	117	31003	5.690	ug/l #	16
43) Isopropyl Acetate	8.28	43	37887	3.654	ug/l #	56
71) Bromoform	12.40	173	1064	0.404	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	165173	30.314	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	165173	106.675	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.93	180	1661	0.297	ug/l #	88
95) Naphthalene	15.13	128	6991	Below Cal	#	89
96) 1,2,3-Trichlorobenzene	15.31	180	1731	1.346	ug/l	91

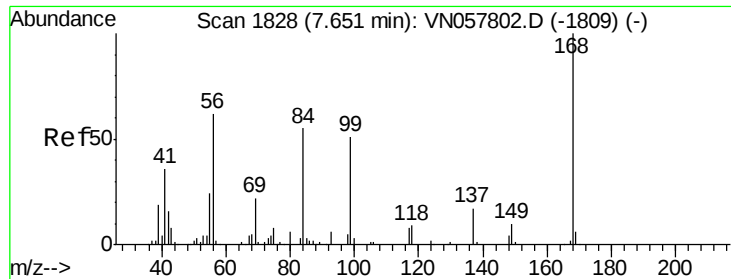
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

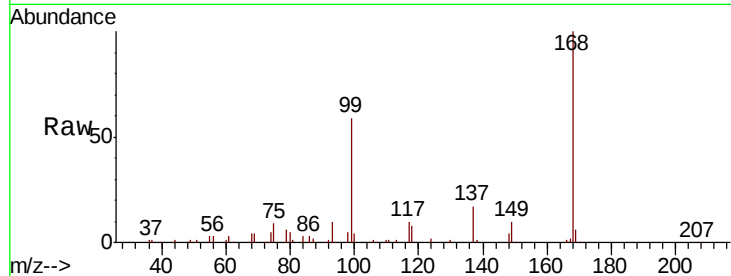
VN0911WBL02

Tgt Ion: 168 Resp: 301794

Ion Ratio Lower Upper

168 100

99 59.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

150000

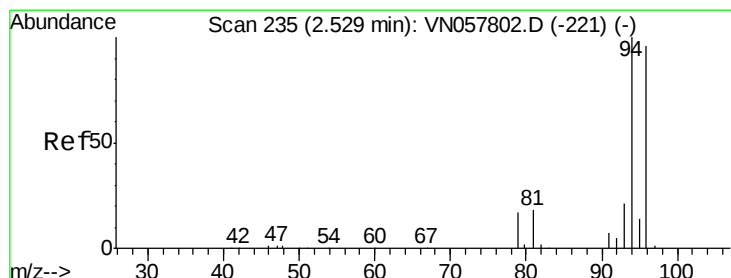
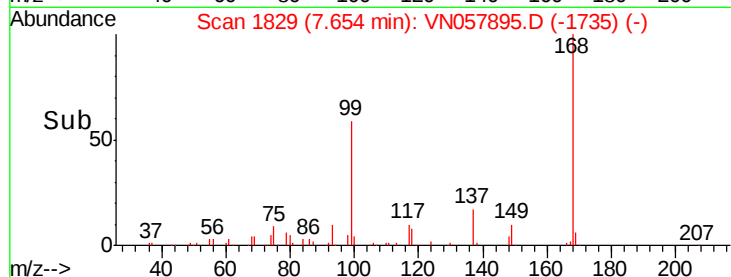
100000

50000

0

7.60 7.70

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN057895.D

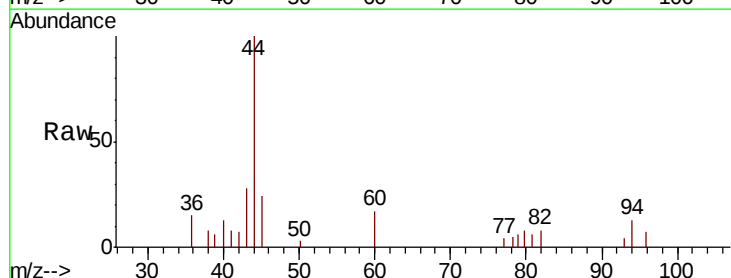
Acq: 11 Sep 2019 4:03

Tgt Ion: 94 Resp: 842

Ion Ratio Lower Upper

94 100

96 53.7 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN057802.D (-221) (-)

Ion 95.90 (95.60 to 96.60): VN057802.D (-221) (-)

2.55

600

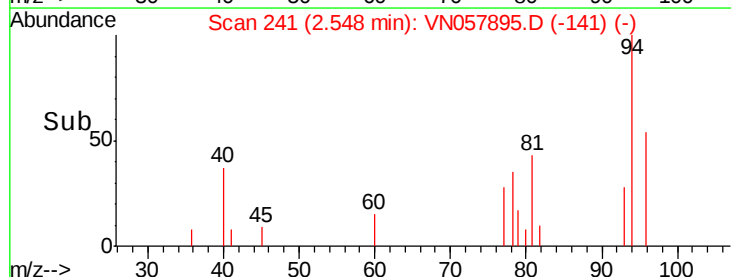
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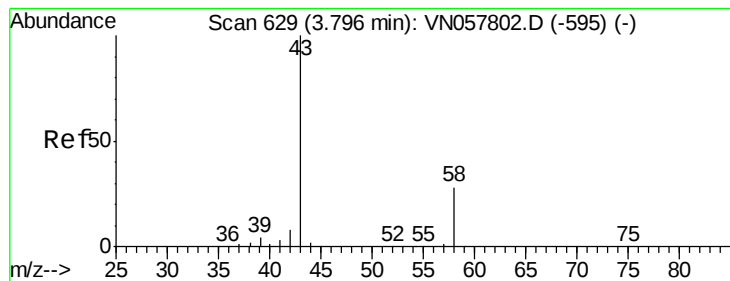
200

0

2.52 2.54 2.56

Time-->





#16

Acetone

Concen: 0.329 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

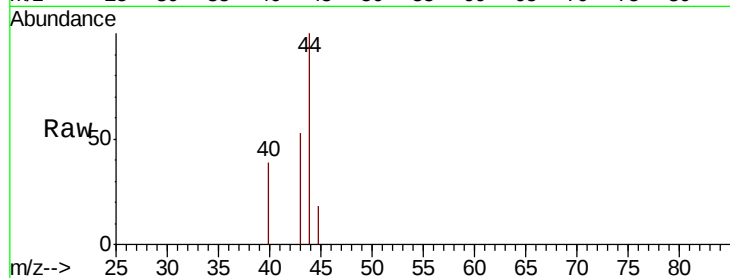
VN0911WBL02

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

400

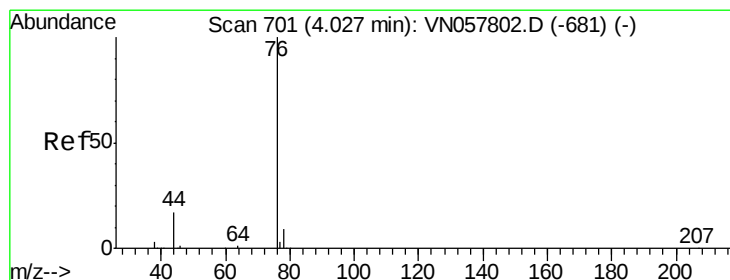
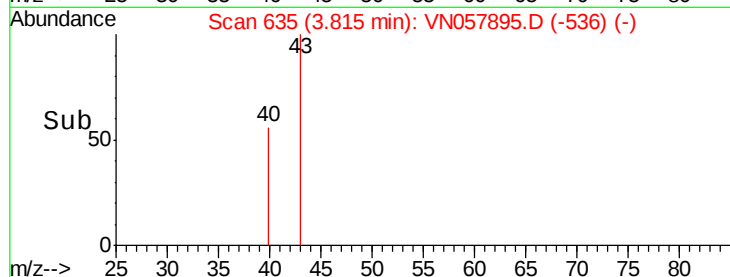
300

200

100

0

Time--> 3.78 3.80 3.82 3.84



#17

Carbon Disulfide

Concen: 0.212 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.01 min

Lab File: VN057895.D

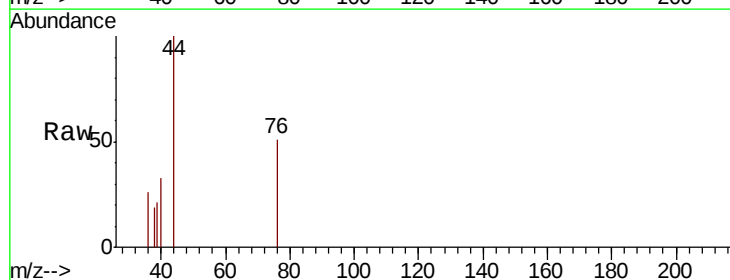
Acq: 11 Sep 2019 4:03

Tgt Ion: 76 Resp: 269

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

400

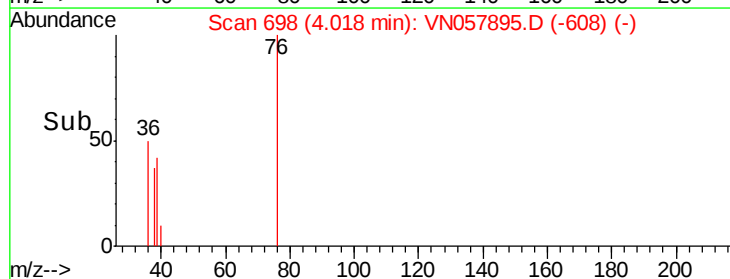
300

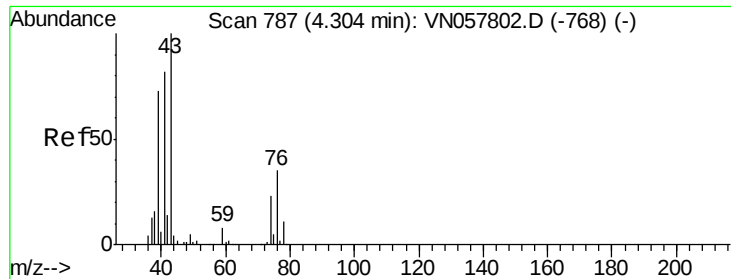
200

100

0

Time--> 4.00 4.01 4.02

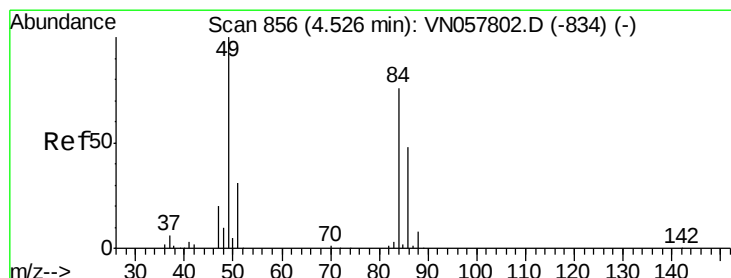
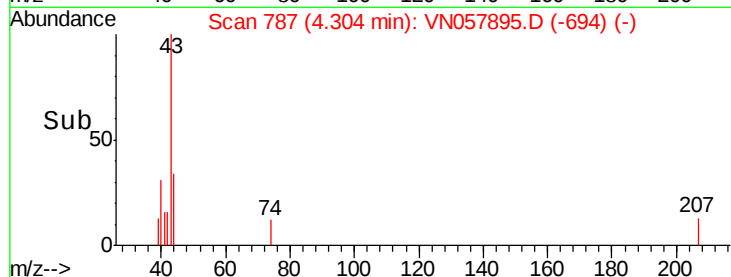
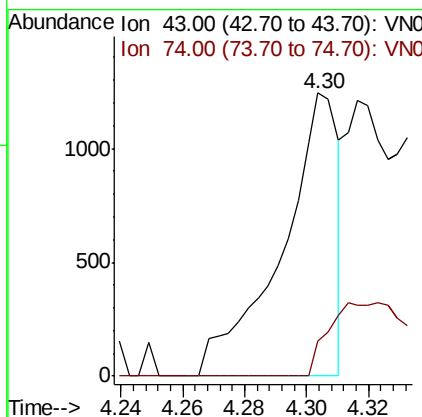
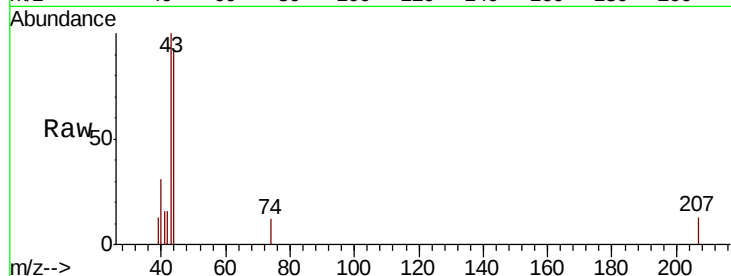




#18
Methyl Acetate
Concen: 0.296 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057895.D
Acq: 11 Sep 2019 4:03

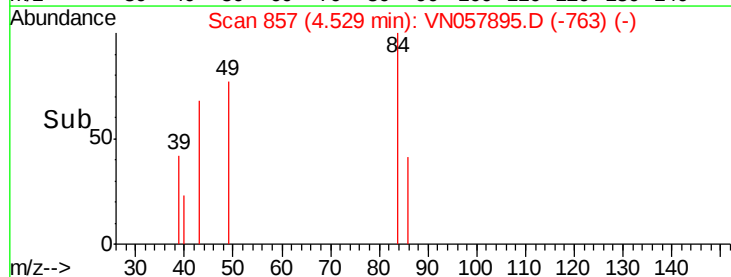
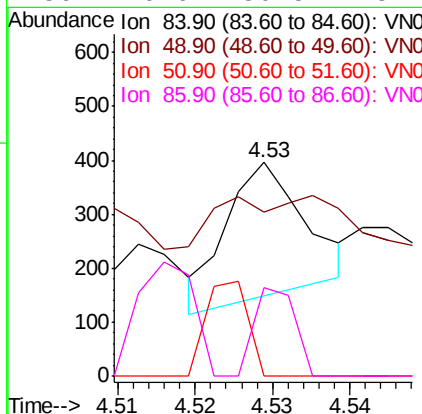
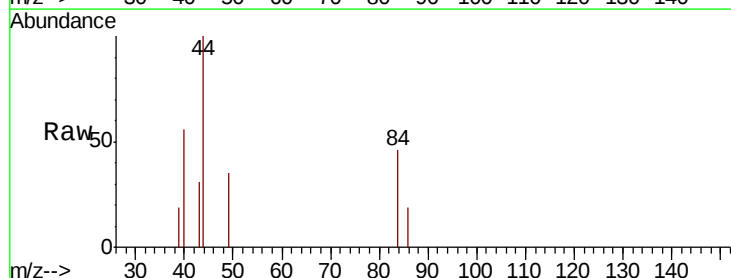
Instrument :
MSVOA_N
ClientSampled :
VN0911WBL02

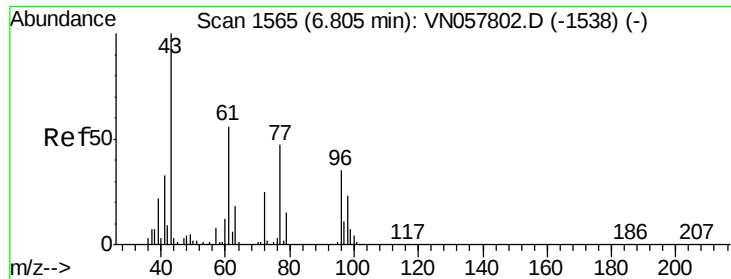
Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
74 34.6 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057895.D
Acq: 11 Sep 2019 4:03

Tgt Ion: 84 Resp: 178
Ion Ratio Lower Upper
84 100
49 30.4 104.8 157.2#
51 0.0 33.0 49.4#
86 76.6 50.5 75.7#

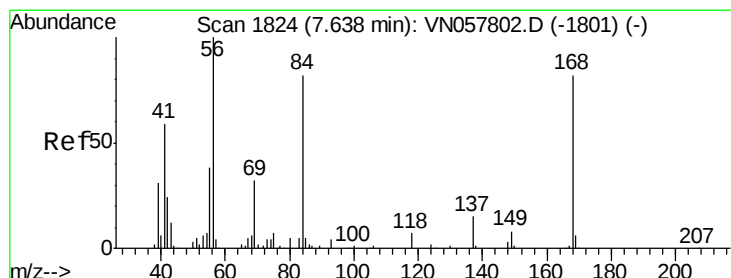
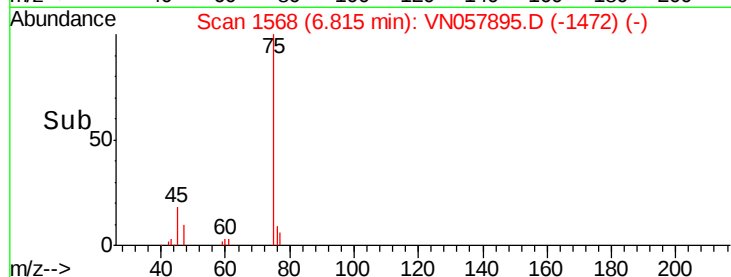
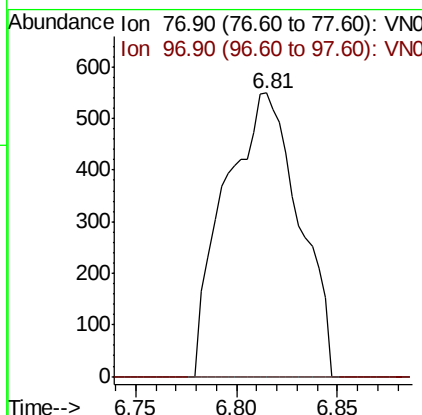
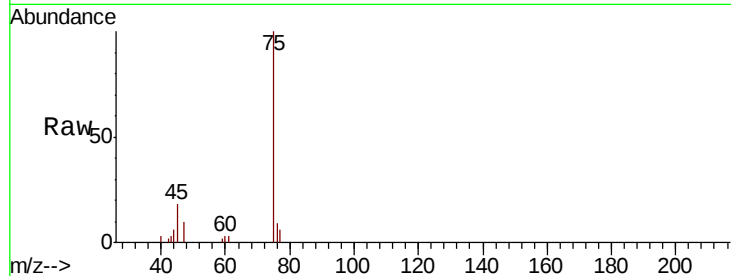




#26
 2,2-Dichloropropane
 Concen: 0.219 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: VN057895.D
 Acq: 11 Sep 2019 4:03

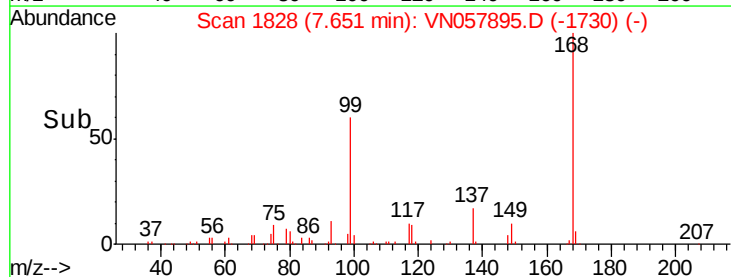
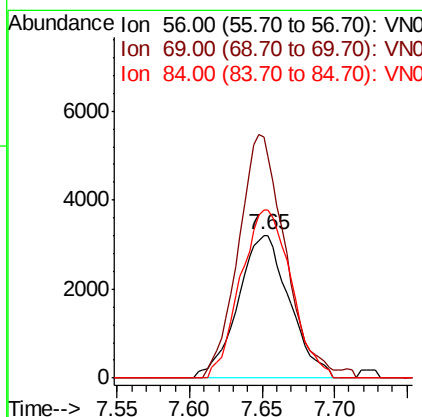
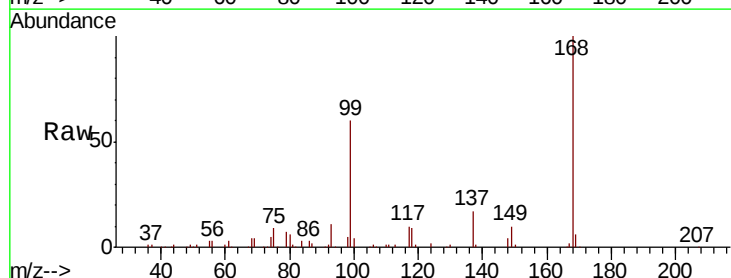
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL02

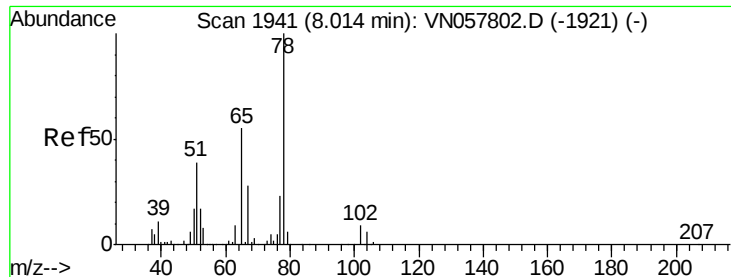
Tgt Ion: 77 Resp: 1399
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.1 33.3#



#31
 Cyclohexane
 Concen: Below Cal
 RT: 7.65 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: VN057895.D
 Acq: 11 Sep 2019 4:03

Tgt Ion: 56 Resp: 7918
 Ion Ratio Lower Upper
 56 100
 69 168.5 25.9 38.9#
 84 117.7 65.6 98.4#

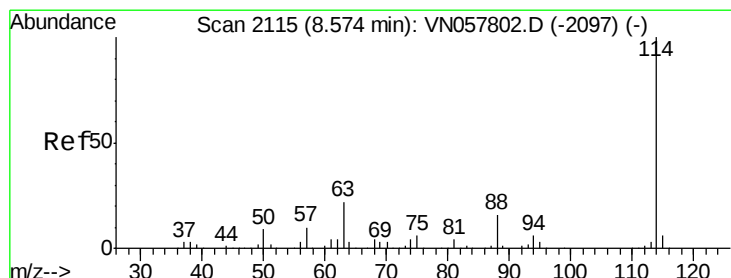
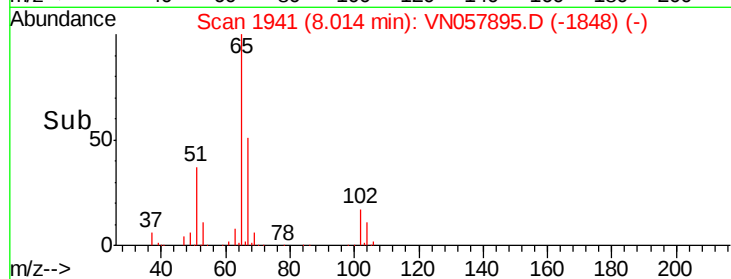
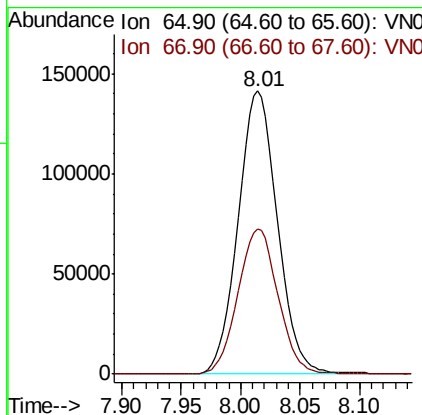
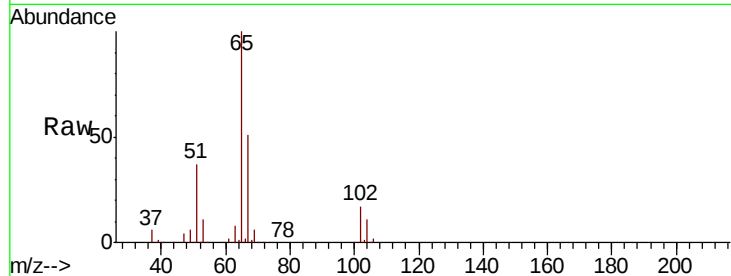




#33
 1,2-Dichloroethane-d4
 Concen: 52.938 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057895.D
 Acq: 11 Sep 2019 4:03

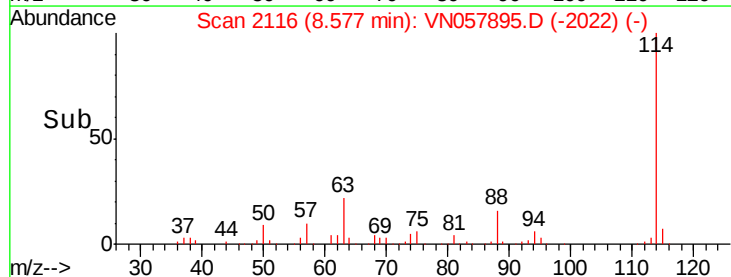
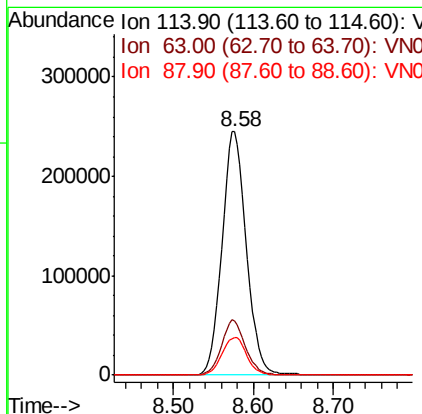
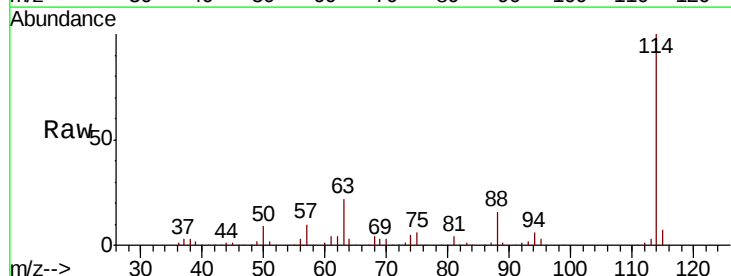
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL02

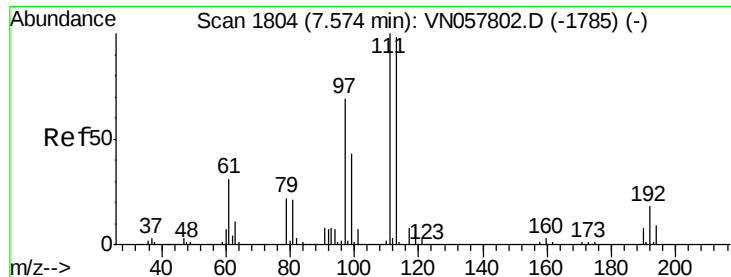
Tgt Ion: 65 Resp: 323589
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057895.D
 Acq: 11 Sep 2019 4:03

Tgt Ion: 114 Resp: 514560
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.0
 88 15.6 0.0 31.4

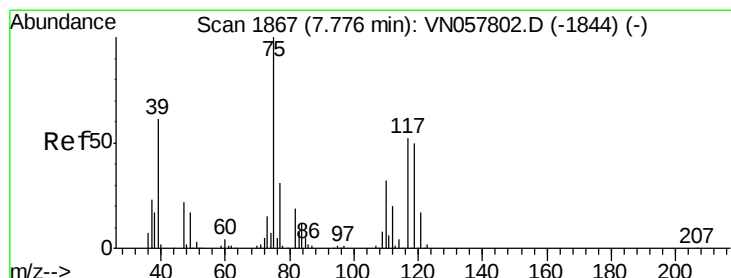
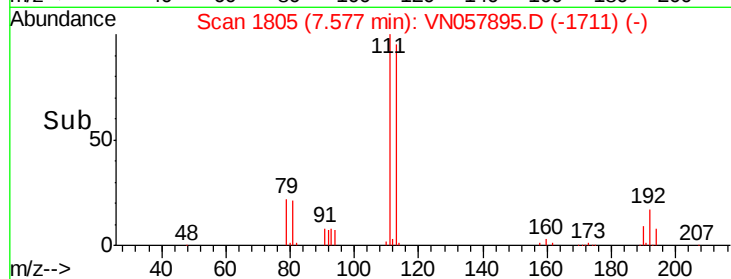
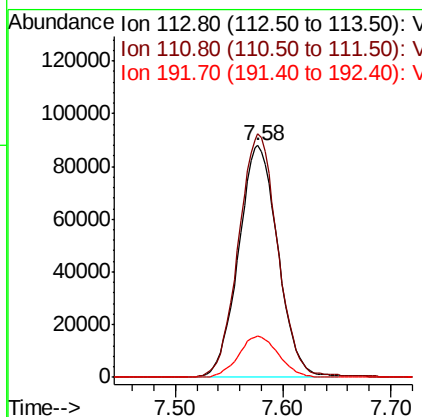
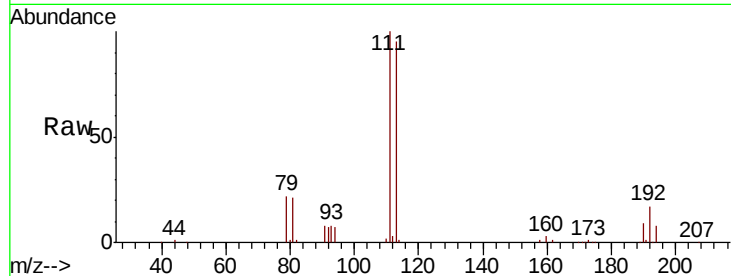




#35
 Dibromofluoromethane
 Concen: 46.905 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057895.D
 Acq: 11 Sep 2019 4:03

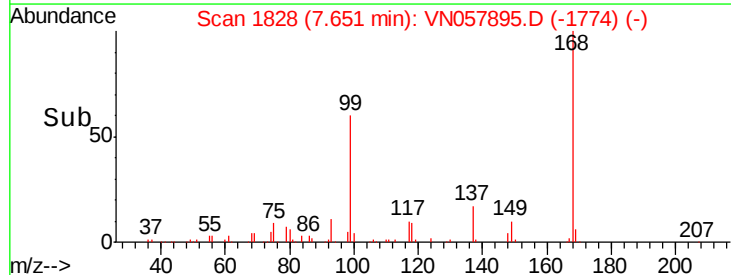
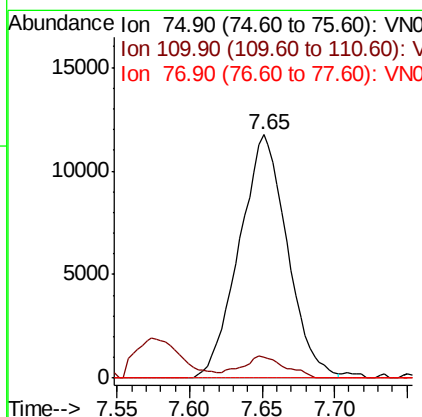
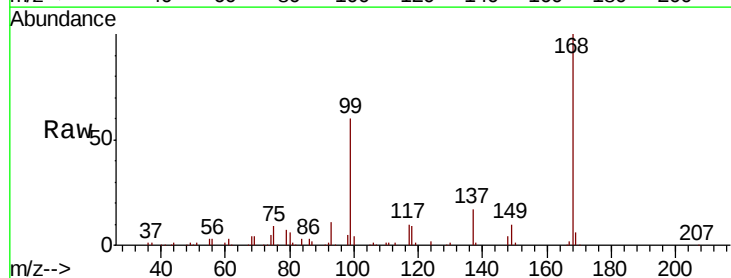
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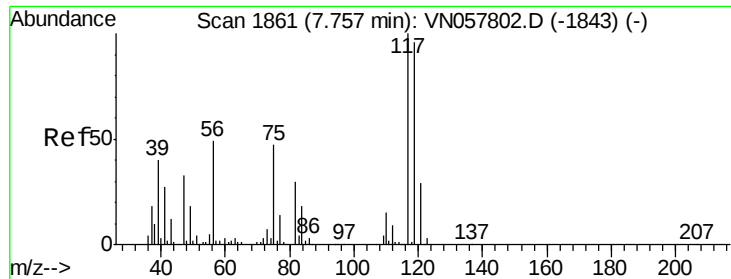
Tgt Ion: 113 Resp: 222762
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.3 121.9
 192 18.1 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.536 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057895.D
 Acq: 11 Sep 2019 4:03

Tgt Ion: 75 Resp: 27069
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.3 48.9#
 77 0.0 25.0 37.4#

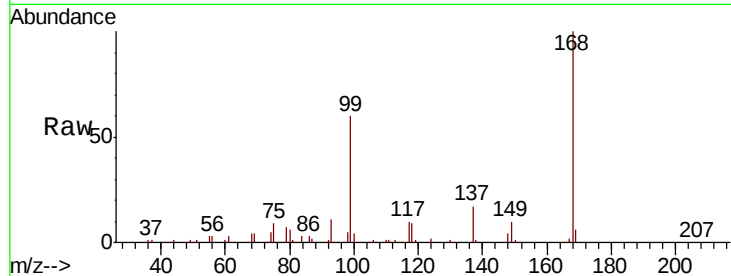




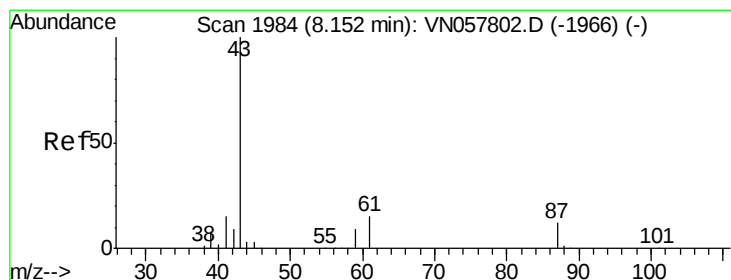
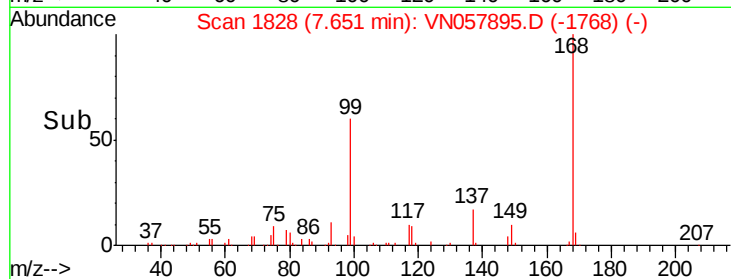
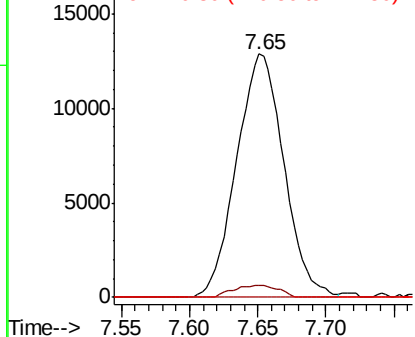
#38
Carbon Tetrachloride
Concen: 5.690 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057895.D
Acq: 11 Sep 2019 4:03

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL02

Tgt Ion:117 Resp: 31003
Ion Ratio Lower Upper
117 100
119 5.0 76.9 115.3#
121 0.0 23.4 35.2#

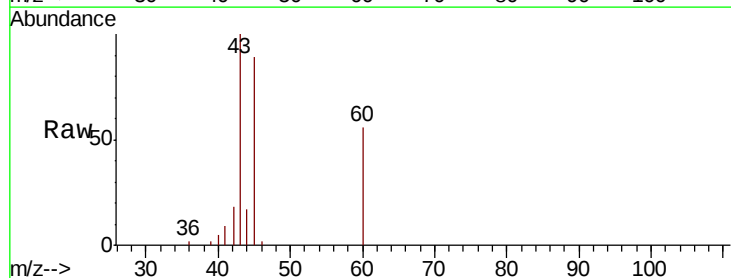


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

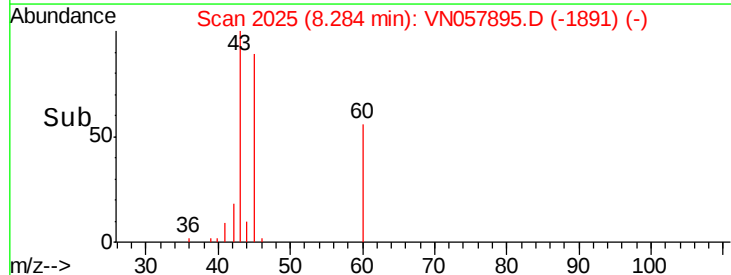
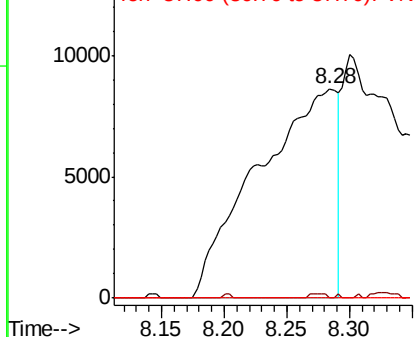


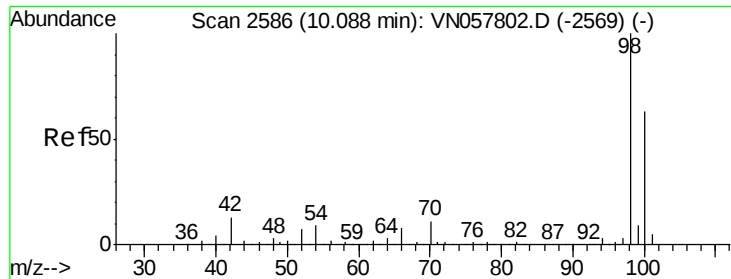
#43
Isopropyl Acetate
Concen: 3.654 ug/l
RT: 8.28 min Scan# 2025
Delta R.T. 0.13 min
Lab File: VN057895.D
Acq: 11 Sep 2019 4:03

Tgt Ion: 43 Resp: 37887
Ion Ratio Lower Upper
43 100
61 0.0 20.1 30.1#
87 0.0 9.5 14.3#



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





#50

Toluene-d8

Concen: 49.572 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

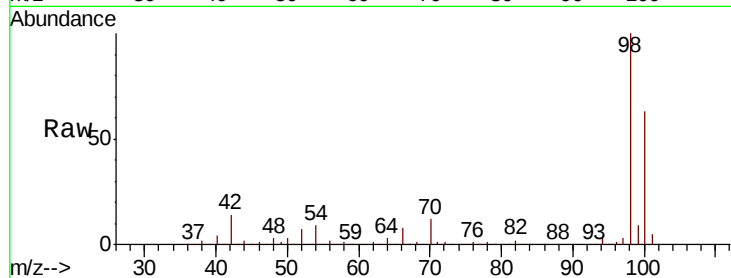
VN0911WBL02

Tgt Ion: 98 Resp: 914057

Ion Ratio Lower Upper

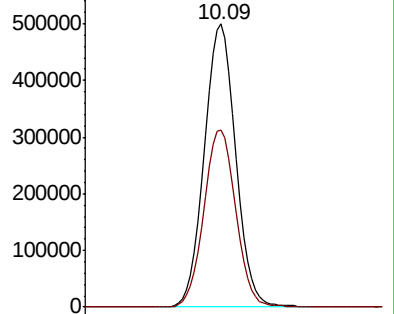
98 100

100 63.7 50.3 75.5

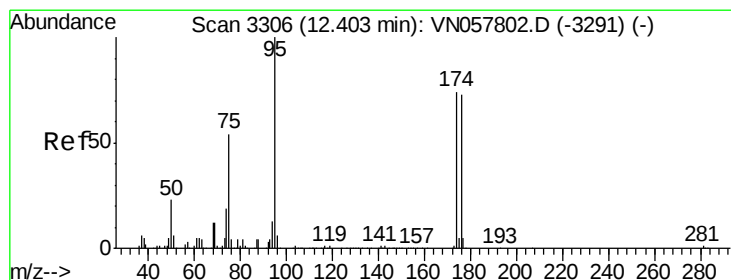
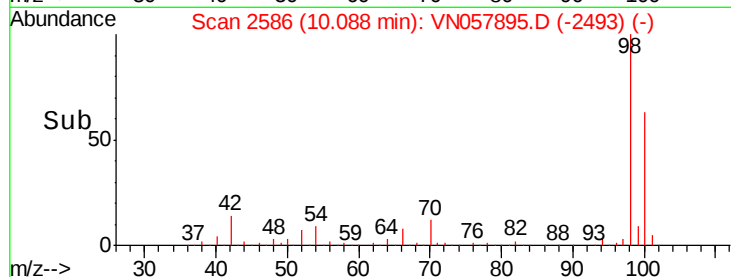


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 42.790 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

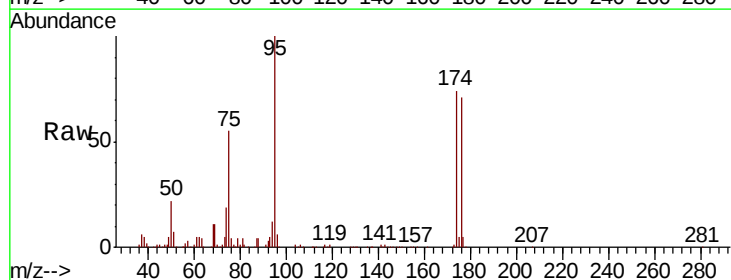
Tgt Ion: 95 Resp: 300681

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

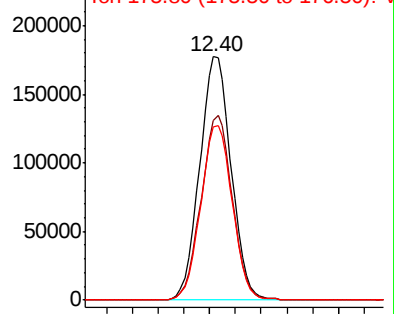
176 72.2 0.0 146.0



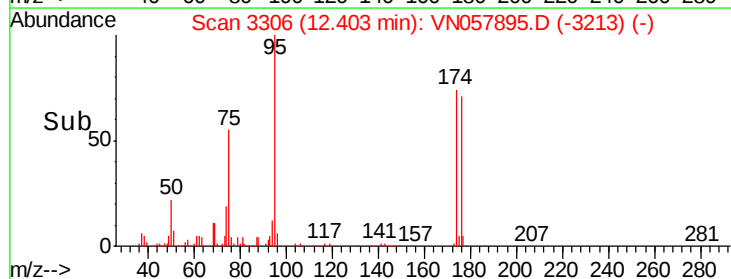
Abundance Ion 94.90 (94.60 to 95.60): VN0

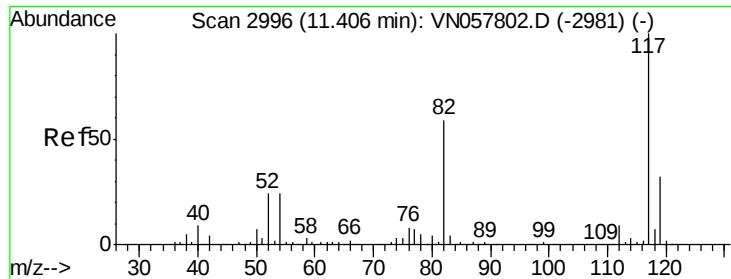
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBL02

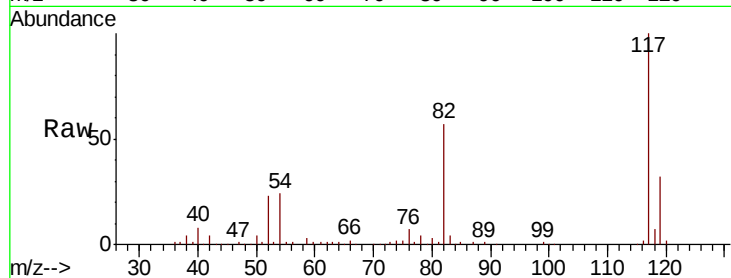
Tgt Ion:117 Resp: 464698

Ion Ratio Lower Upper

117 100

82 57.3 47.2 70.8

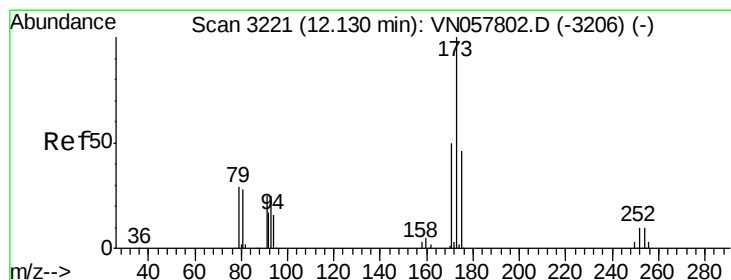
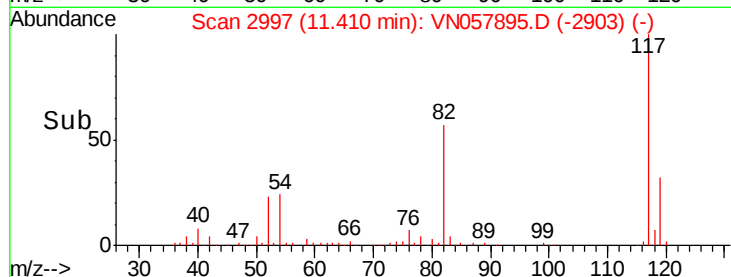
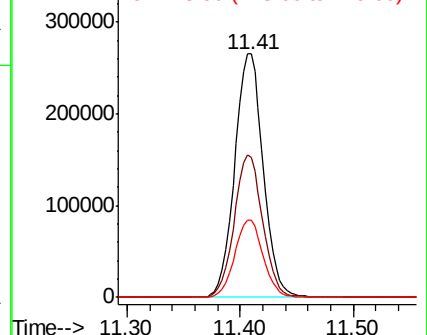
119 31.7 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.404 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

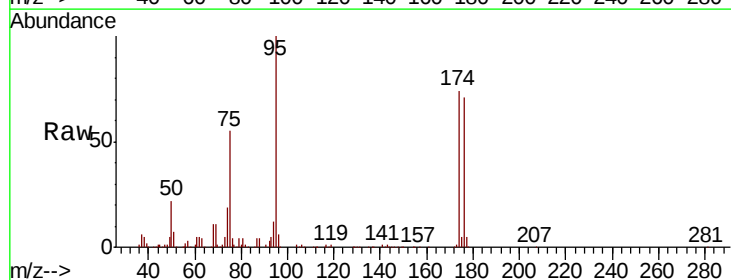
Tgt Ion:173 Resp: 1064

Ion Ratio Lower Upper

173 100

175 1403.2 23.5 70.6#

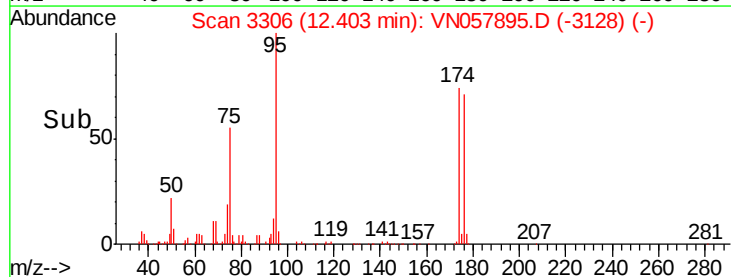
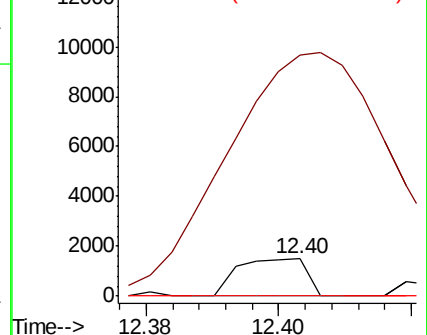
254 0.0 0.1 0.1#

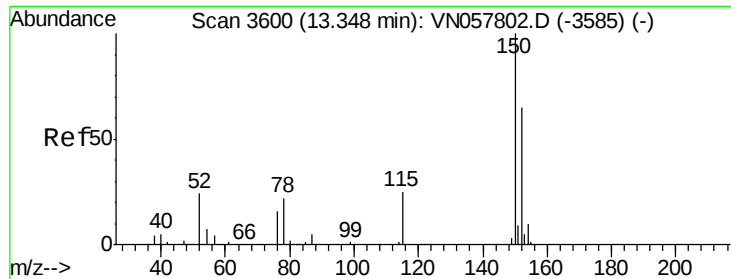


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBL02

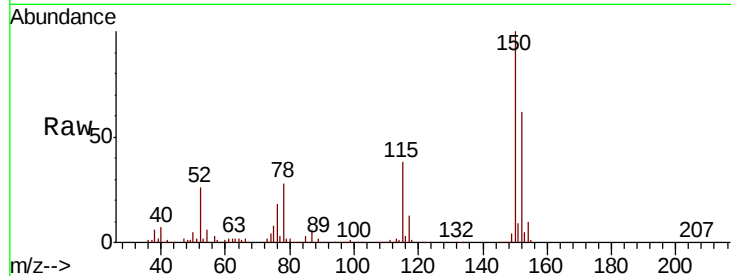
Tgt Ion: 152 Resp: 240864

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

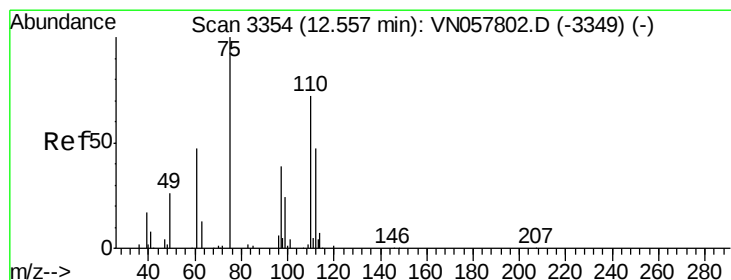
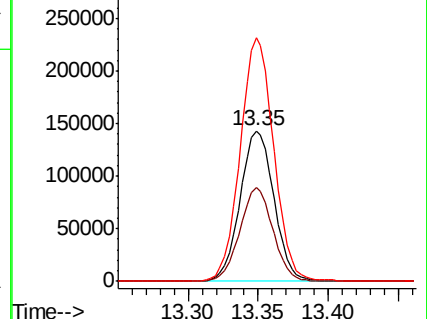
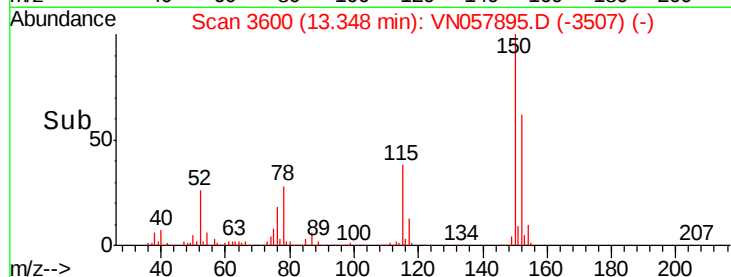
150 159.9 0.0 352.4



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: 30.314 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057895.D

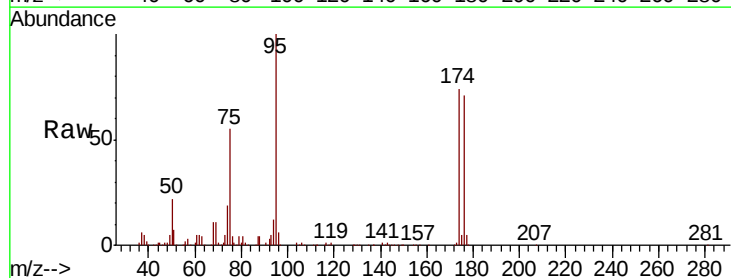
Acq: 11 Sep 2019 4:03

Tgt Ion: 75 Resp: 165173

Ion Ratio Lower Upper

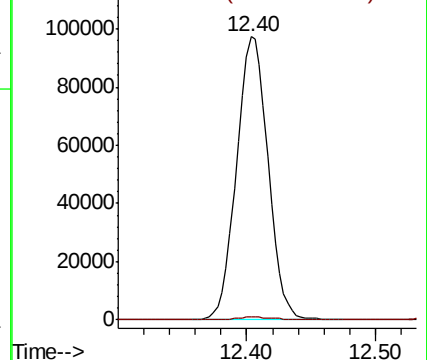
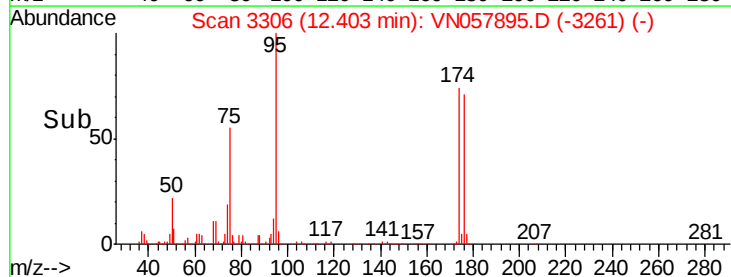
75 100

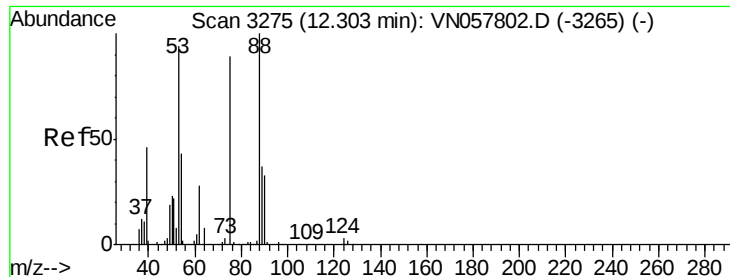
77 1.1 0.0 0.0#



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: 106.675 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBL02

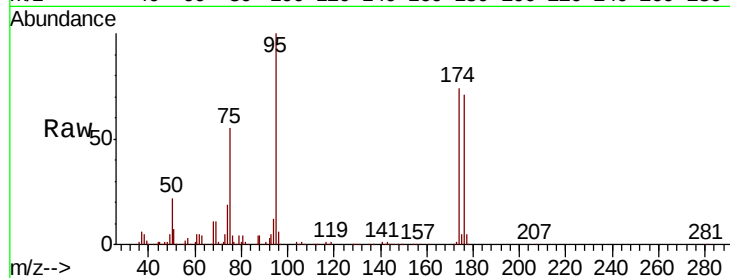
Tgt Ion: 75 Resp: 165173

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

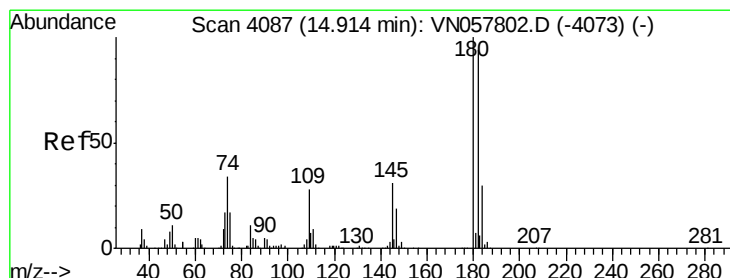
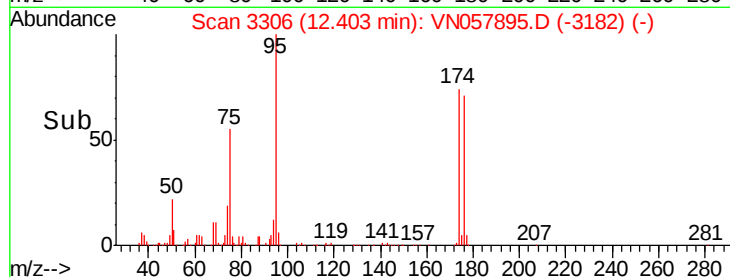
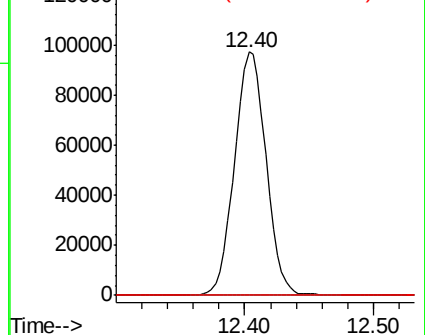
89 0.0 35.3 52.9#



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: 0.297 ug/l

RT: 14.93 min Scan# 4091

Delta R.T. 0.01 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

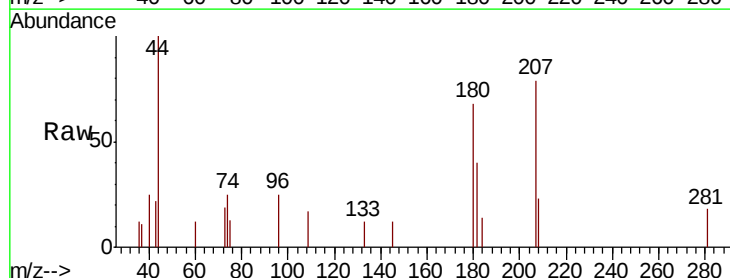
Tgt Ion: 180 Resp: 1661

Ion Ratio Lower Upper

180 100

182 88.3 46.9 140.8

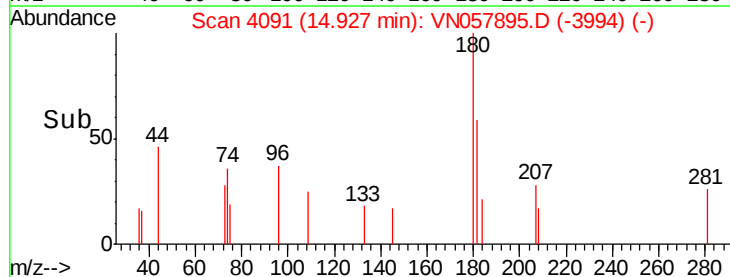
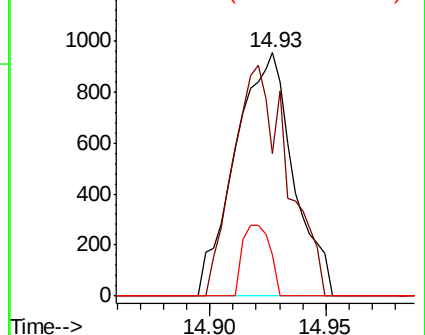
145 13.7 14.9 44.7#

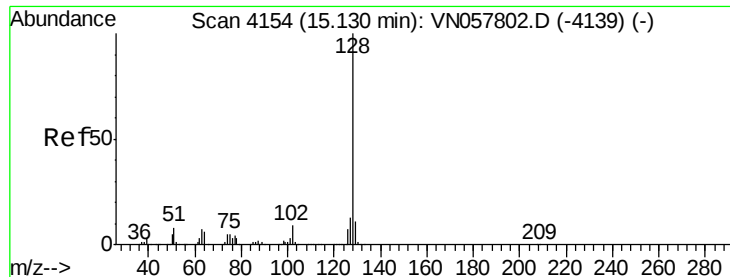


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBL02

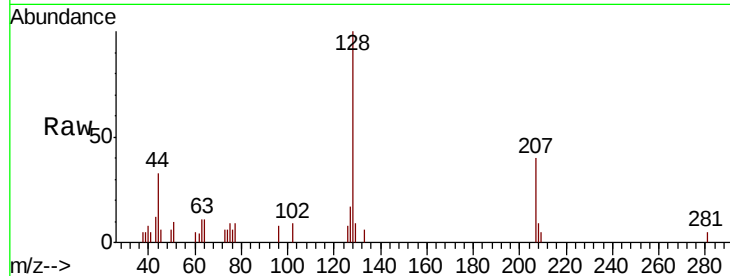
Tgt Ion:128 Resp: 6991

Ion Ratio Lower Upper

128 100

127 11.2 10.3 15.5

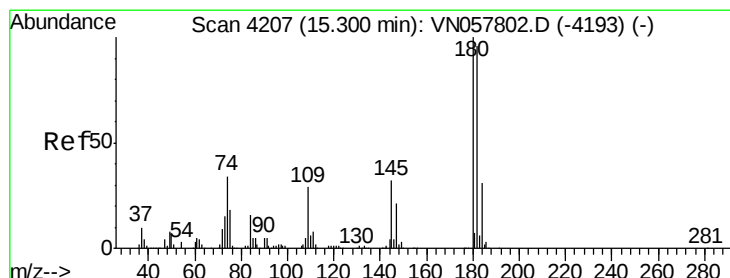
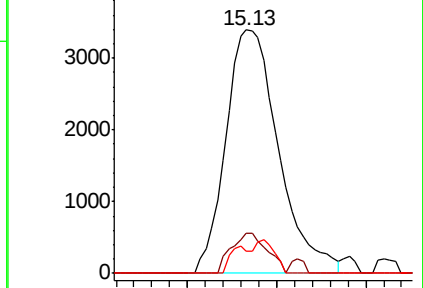
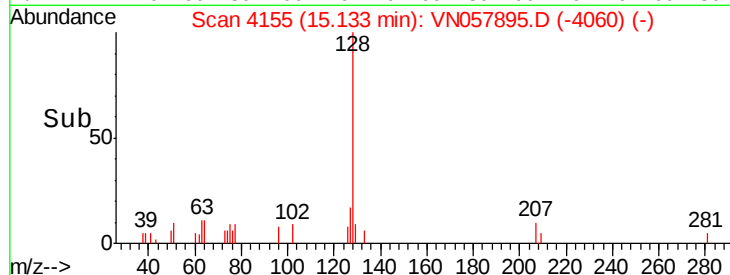
129 3.6 8.6 12.8#



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: 1.346 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.01 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

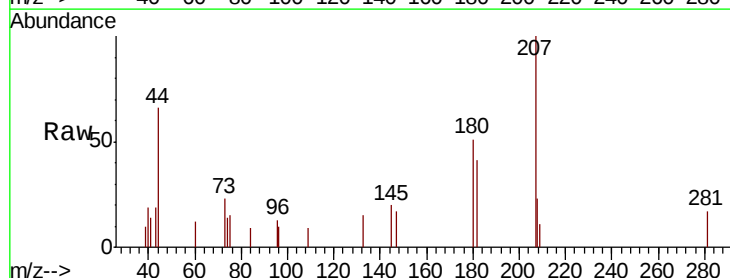
Tgt Ion:180 Resp: 1731

Ion Ratio Lower Upper

180 100

182 86.1 48.3 144.8

145 30.0 16.3 48.8



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

