

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058482.D
 Acq On : 2 Oct 2019 18:07
 Operator : JC/SP
 Sample : K4659-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-A

Quant Time: Oct 03 05:12:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	392348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	653868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	205085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	303154	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	7.58	113	204763	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.09	98	836668	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.41	95	255535	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	2180	0.461	ug/l	97
11) Tert butyl alcohol	4.78	59	541	0.849	ug/l #	71
14) Allyl chloride	4.53	41	61449	9.123	ug/l #	20
16) Acetone	3.80	43	11758	6.016	ug/l	92
18) Methyl Acetate	4.32	43	4404	0.896	ug/l #	67
20) Methylene Chloride	4.53	84	1794827	397.924	ug/l	99
25) 2-Butanone	6.84	43	3175	1.183	ug/l	93
29) Tetrahydrofuran	7.21	42	625	0.367	ug/l #	55
31) Cyclohexane	7.65	56	10588	1.334	ug/l #	18
36) 1,1-Dichloropropene	7.65	75	34168	5.465	ug/l #	50
37) Ethyl Acetate	6.84	43	3175	0.599	ug/l #	70
38) Carbon Tetrachloride	7.65	117	41078	7.279	ug/l #	16
43) Isopropyl Acetate	8.15	43	109979	11.033	ug/l	97
45) 1,2-Dichloropropane	9.26	63	2077	0.431	ug/l #	43
48) Methyl methacrylate	9.17	41	6506	1.433	ug/l #	13
49) 1,4-Dioxane	9.27	88	33	0.544	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5920	1.156	ug/l	88
52) Toluene	10.15	92	3153	0.279	ug/l	82
54) cis-1,3-Dichloropropene	9.90	75	40236	5.758	ug/l #	68
56) Ethyl methacrylate	10.55	69	1901	0.304	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	7082	0.964	ug/l #	43
59) 2-Hexanone	10.76	43	109109	29.265	ug/l #	53
60) Dibromochloromethane	10.63	129	1684	Below Cal	#	11
64) Tetrachloroethene	10.63	164	1687	0.471	ug/l	95
67) Ethyl Benzene	11.52	91	6177	0.304	ug/l	90
68) m/p-Xylenes	11.62	106	17910	2.346	ug/l	92
69) o-Xylene	11.95	106	9997	1.360	ug/l	96
71) Bromoform	12.40	173	981	1.066	ug/l #	1
74) N-amyl acetate	12.04	43	3498	0.580	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	142251	37.975	ug/l #	100
78) n-propylbenzene	12.60	91	4766	0.279	ug/l	95
80) 1,3,5-Trimethylbenzene	12.74	105	10817	0.853	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.41	75	142251	115.335	ug/l #	7
83) tert-Butylbenzene	13.05	119	3427	0.320	ug/l #	66

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

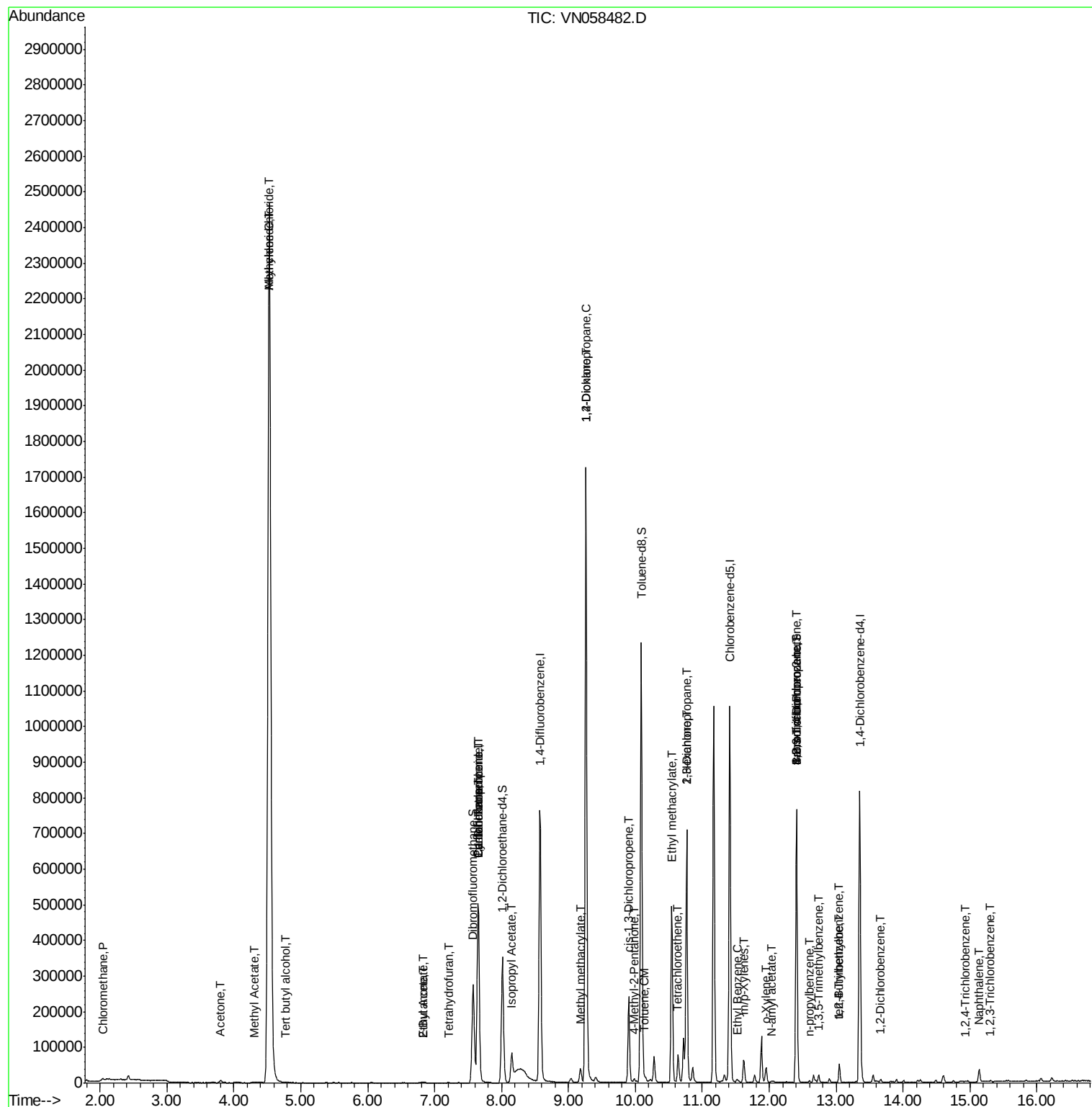
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.05	105	28319	2.228	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	3714	0.600	ug/l	95
93) 1,2,4-Trichlorobenzene	14.93	180	808	0.236	ug/l #	84
95) Naphthalene	15.14	128	27573	2.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	892	0.235	ug/l	84

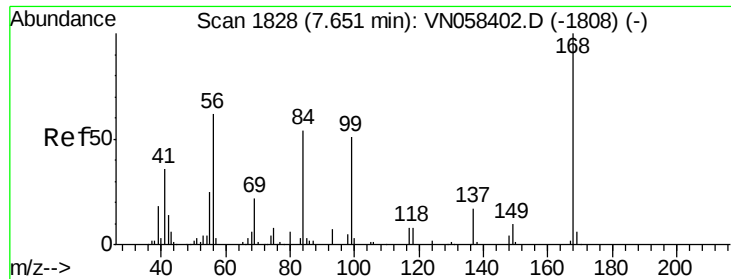
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
Data File : VN058482.D
Acq On : 2 Oct 2019 18:07
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

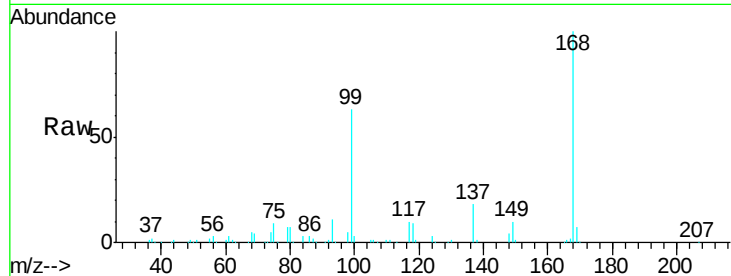
JC-02-093019-A

Tgt Ion:168 Resp: 392348

Ion Ratio Lower Upper

168 100

99 62.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

150000

100000

50000

0

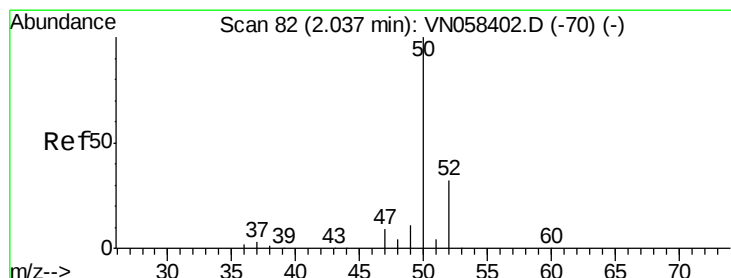
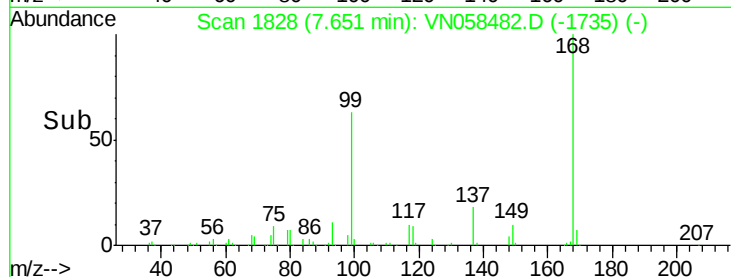
Time-->

7.50

7.60

7.70

7.80



#3

Chloromethane

Concen: 0.461 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058482.D

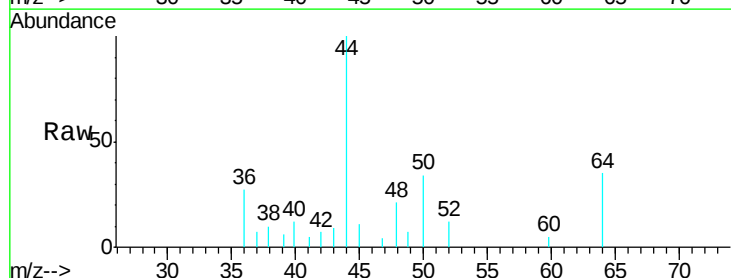
Acq: 2 Oct 2019 18:07

Tgt Ion: 50 Resp: 2180

Ion Ratio Lower Upper

50 100

52 33.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

1500

1000

500

0

Time-->

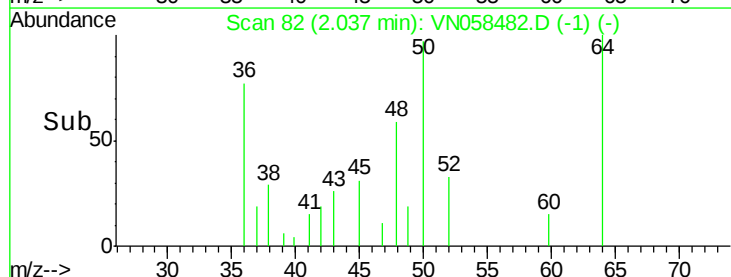
2.00

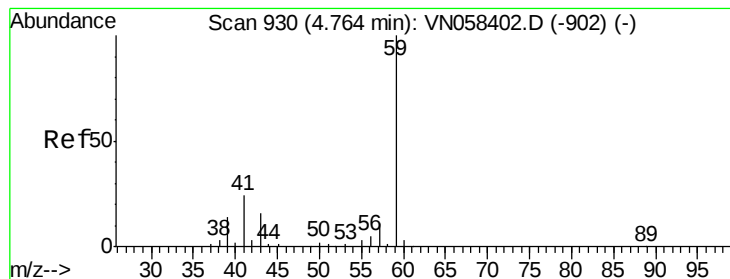
2.02

2.04

2.06

2.08



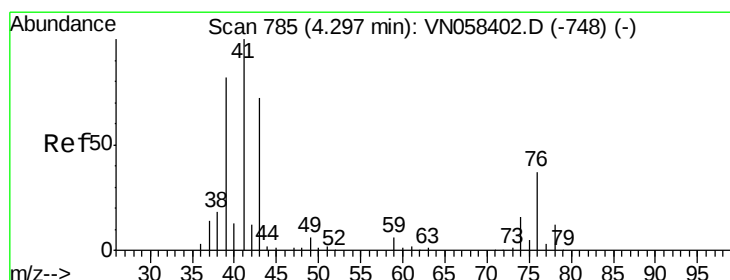
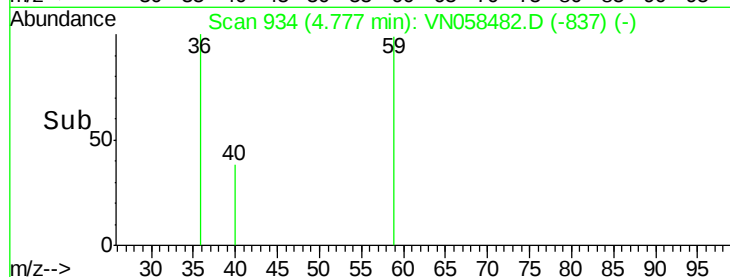
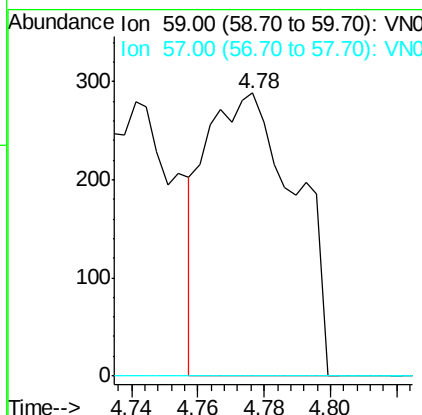
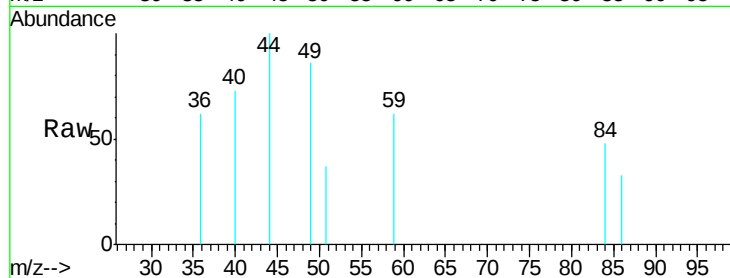


#11

Tert butyl alcohol
Concen: 0.849 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

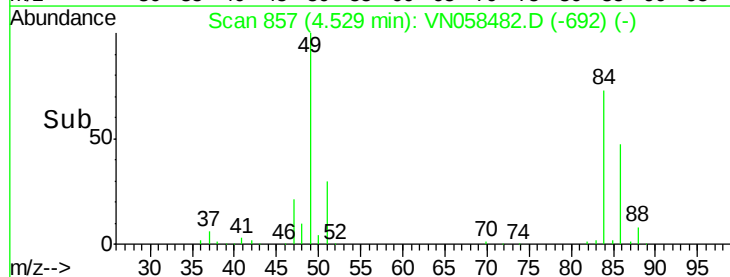
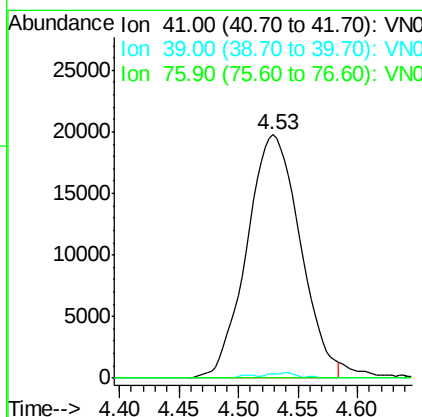
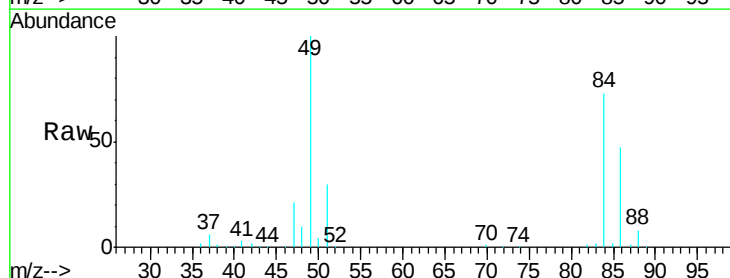
Tgt Ion: 59 Resp: 541
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

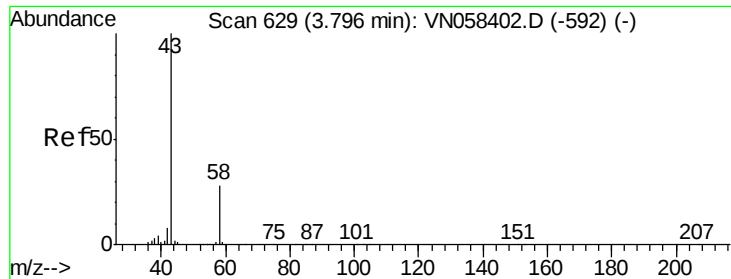


#14

Allyl chloride
Concen: 9.123 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.23 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 41 Resp: 61449
Ion Ratio Lower Upper
41 100
39 1.0 62.3 93.5#
76 0.0 26.9 40.3#





#16

Acetone

Concen: 6.016 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

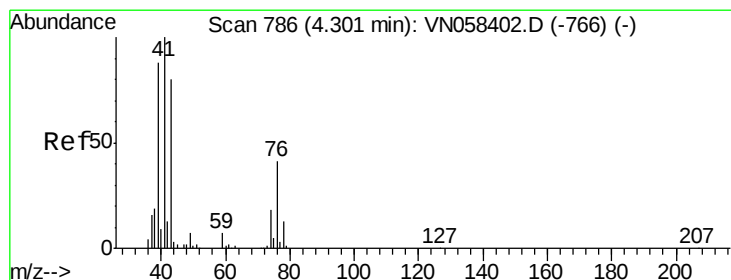
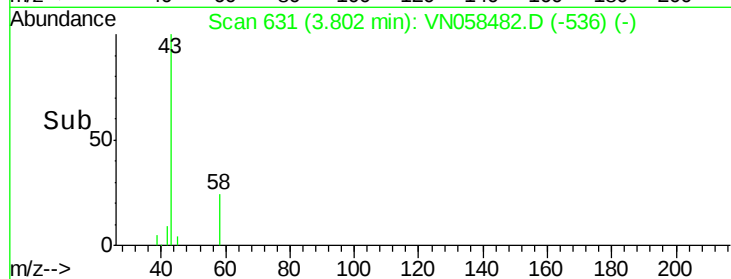
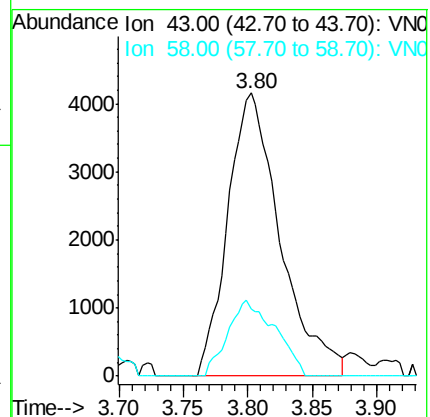
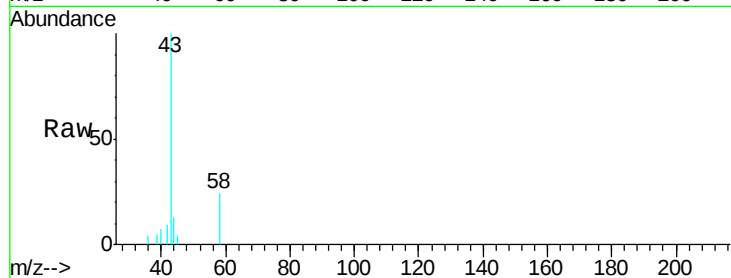
JC-02-093019-A

Tgt Ion: 43 Resp: 11758

Ion Ratio Lower Upper

43 100

58 23.6 22.4 33.6



#18

Methyl Acetate

Concen: 0.896 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.02 min

Lab File: VN058482.D

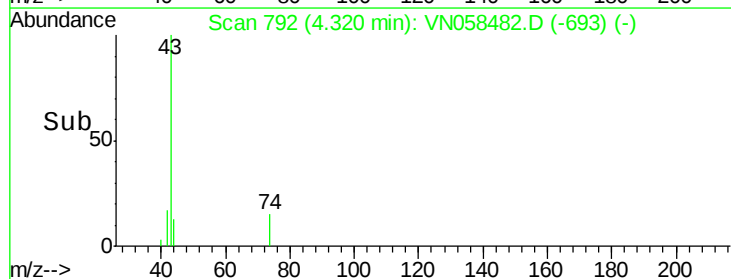
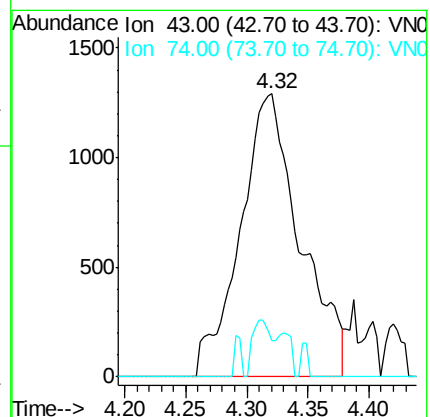
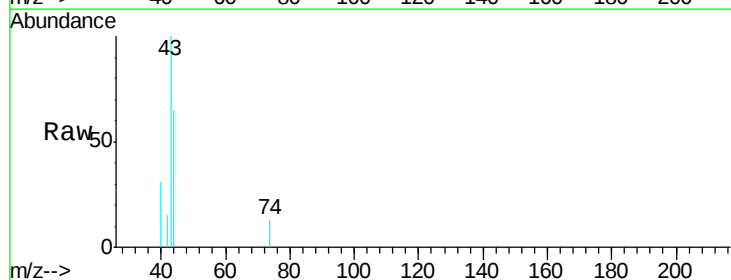
Acq: 2 Oct 2019 18:07

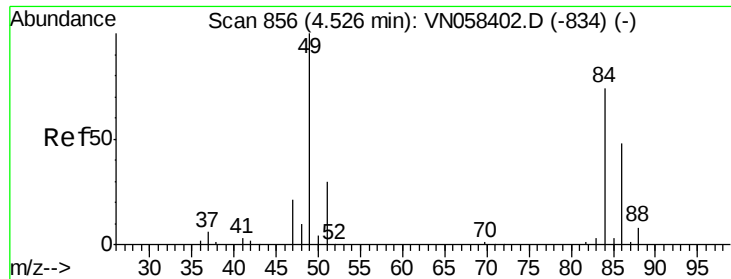
Tgt Ion: 43 Resp: 4404

Ion Ratio Lower Upper

43 100

74 6.4 18.0 27.0#



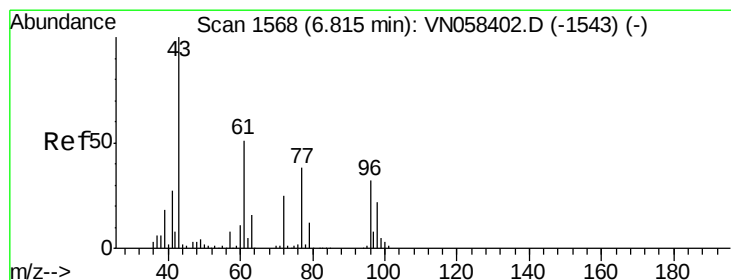
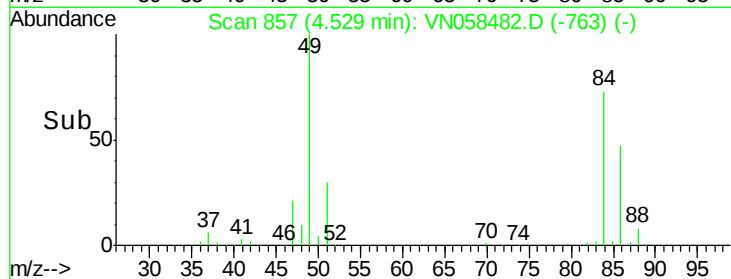
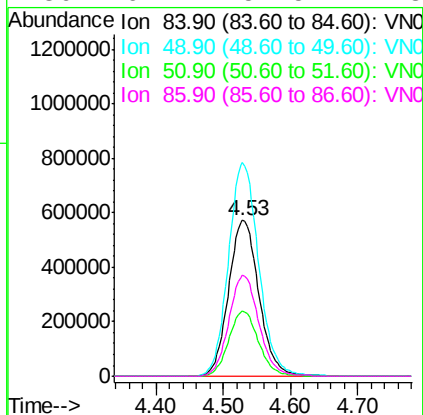
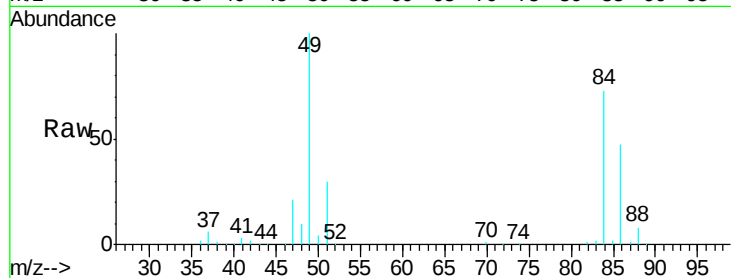


#20
Methylene Chloride
Concen: 397.924 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

Tgt Ion: 84 Resp: 1794827

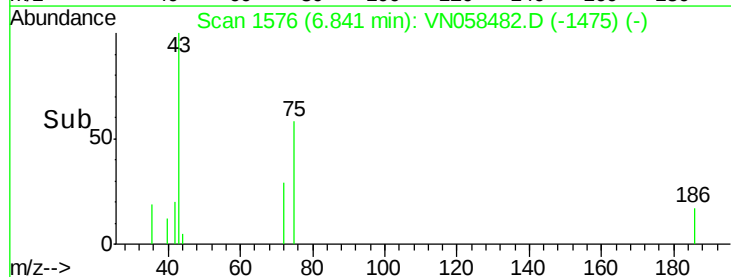
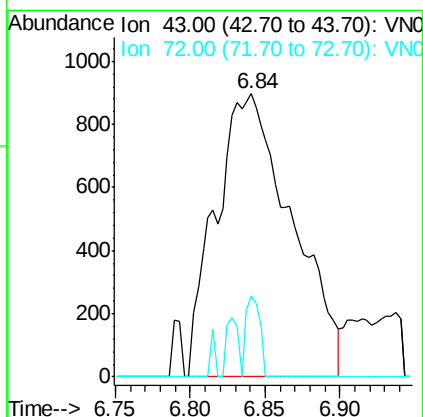
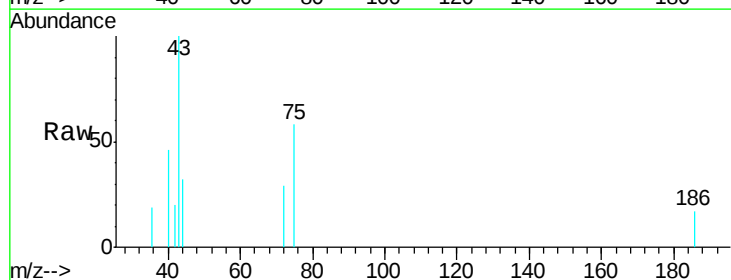
Ion	Ratio	Lower	Upper
84	100		
49	137.1	107.9	161.9
51	41.8	32.8	49.2
86	64.7	51.5	77.3

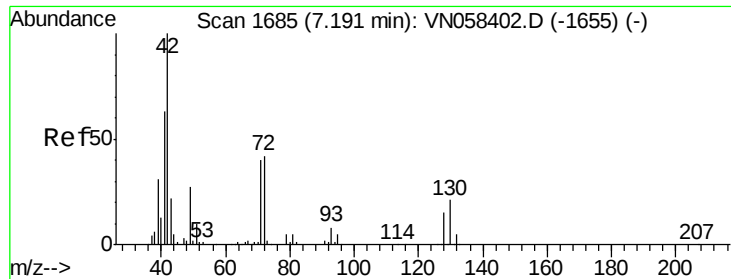


#25
2-Butanone
Concen: 1.183 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.03 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 43 Resp: 3175

Ion	Ratio	Lower	Upper
43	100		
72	28.9	20.2	30.4

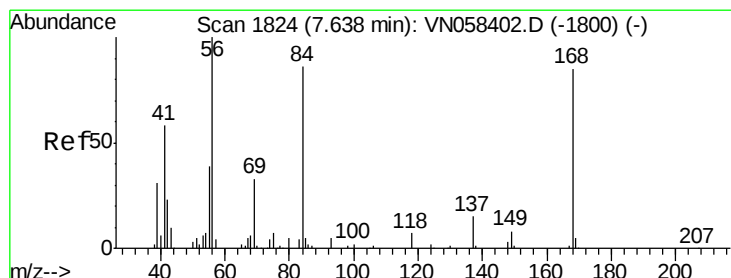
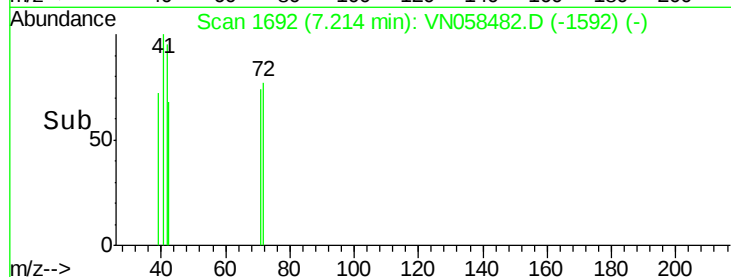
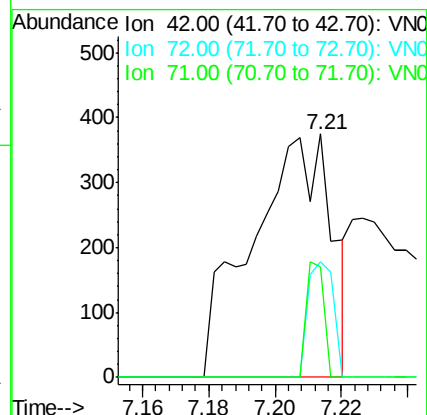
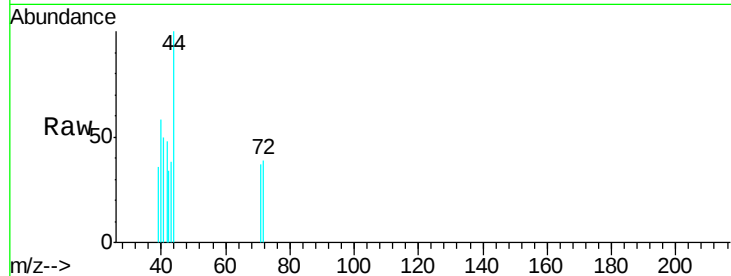




#29
Tetrahydrofuran
Concen: 0.367 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

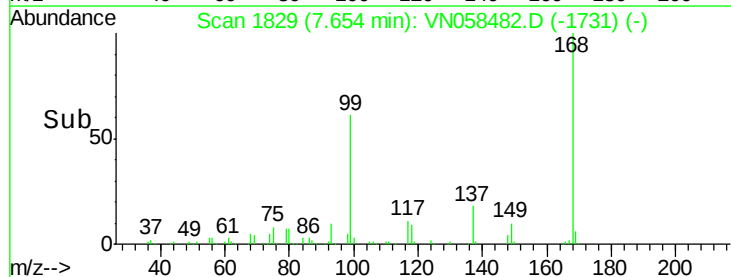
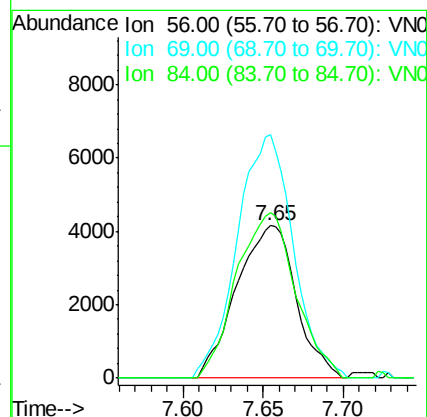
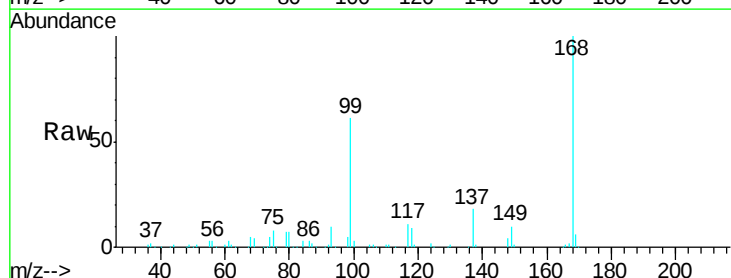
Instrument :
MSVOA_N
ClientSampleId :
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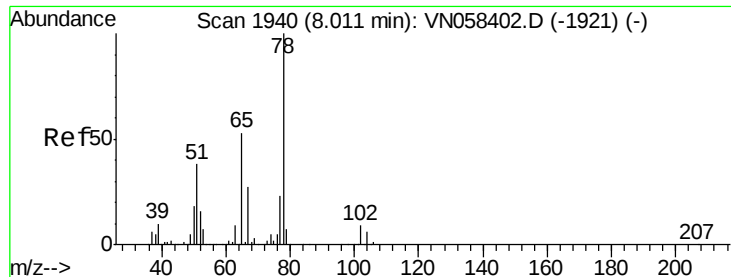
Tgt Ion: 42 Resp: 625
Ion Ratio Lower Upper
42 100
72 15.4 33.7 50.5#
71 10.7 31.8 47.6#



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 56 Resp: 10588
Ion Ratio Lower Upper
56 100
69 159.8 26.2 39.4#
84 108.9 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 52.874 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

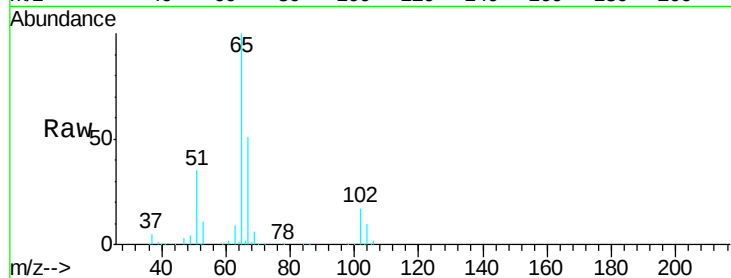
JC-02-093019-A

Tgt Ion: 65 Resp: 303154

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058482.D (-1941) (-)

Ion 66.90 (66.60 to 67.60): VN058482.D (-1941) (-)

8.01

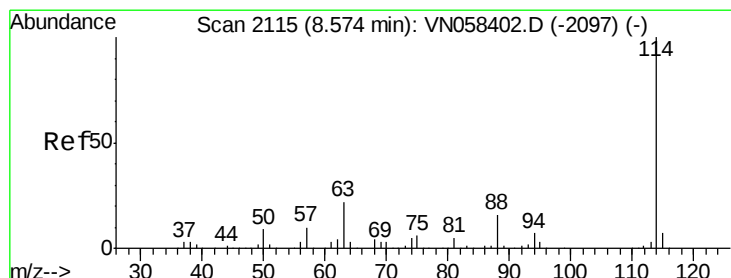
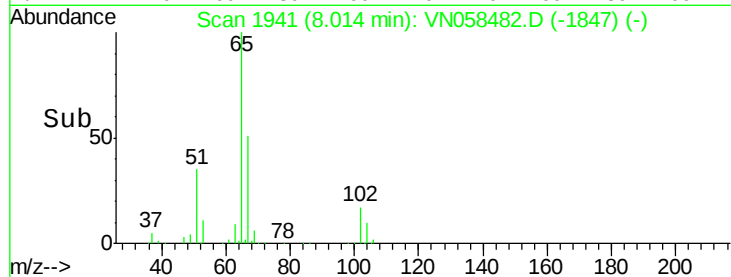
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

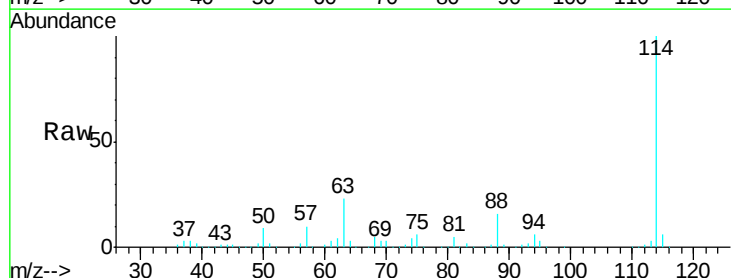
Tgt Ion: 114 Resp: 653868

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN058482.D (-2116) (-)

Ion 63.00 (62.70 to 63.70): VN058482.D (-2116) (-)

Ion 87.90 (87.60 to 88.60): VN058482.D (-2116) (-)

8.58

400000

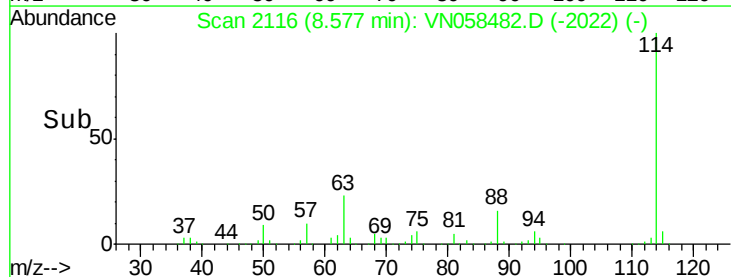
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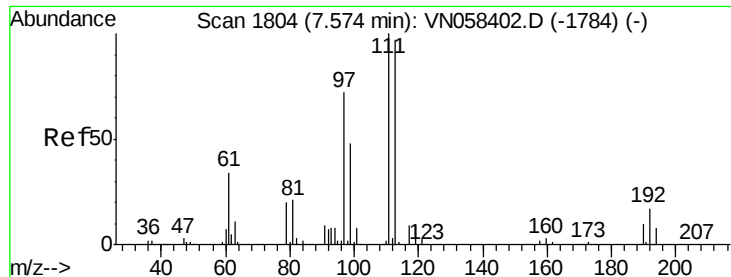
200000

100000

0

Time--> 8.50 8.60 8.70

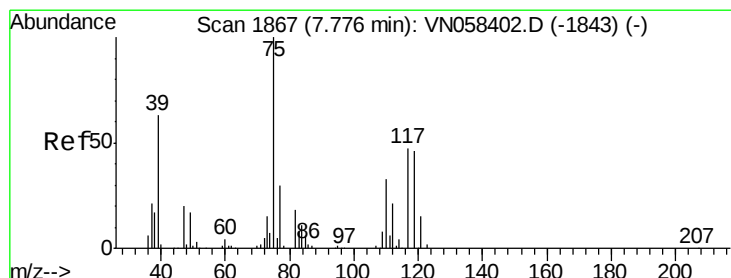
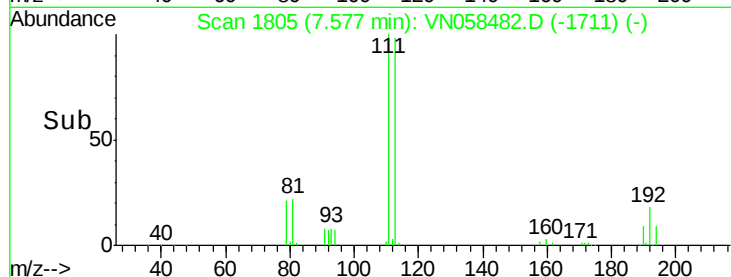
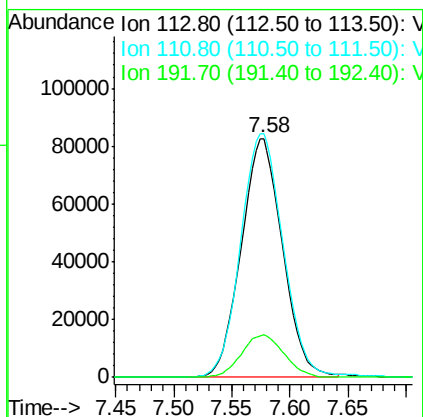
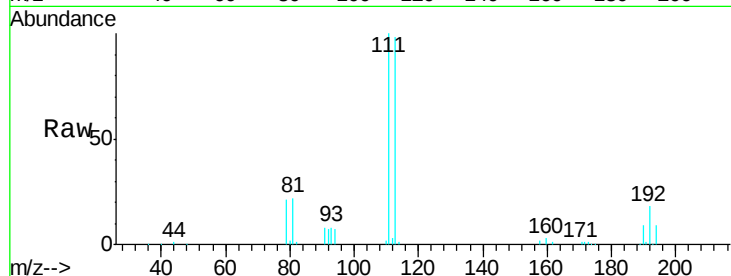




#35
 Dibromofluoromethane
 Concen: 51.095 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

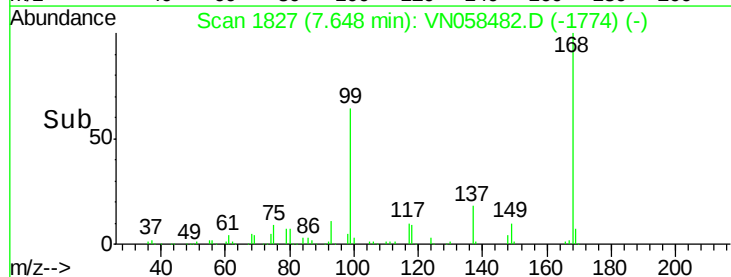
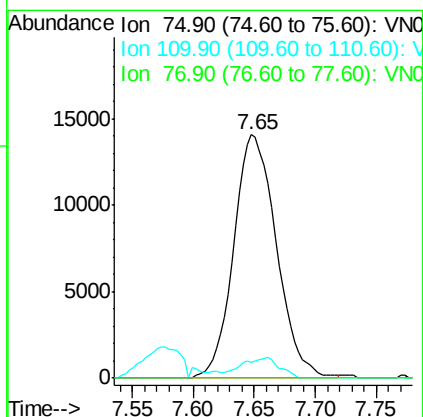
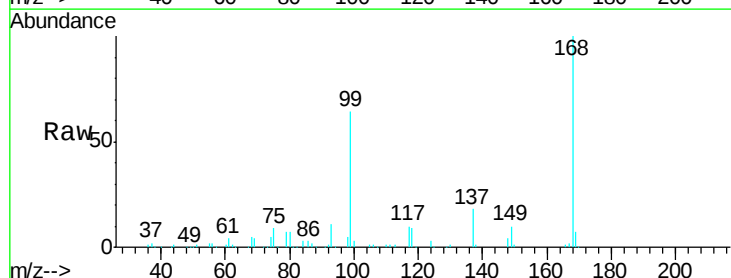
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-A

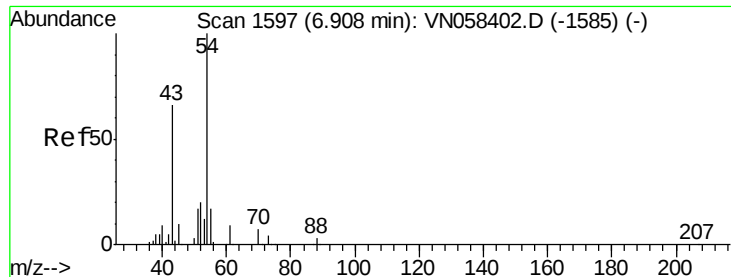
Tgt Ion:113 Resp: 204763
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.4 125.2
 192 18.4 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.465 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

Tgt Ion: 75 Resp: 34168
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.4 49.2#
 77 0.0 24.3 36.5#

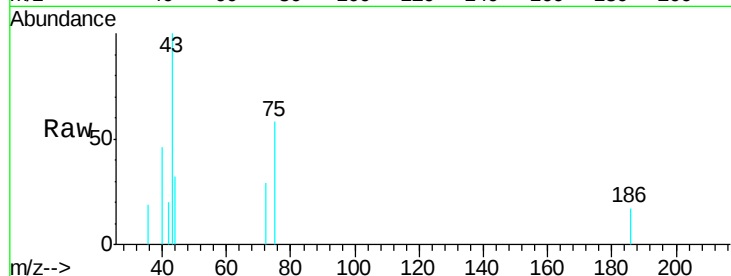




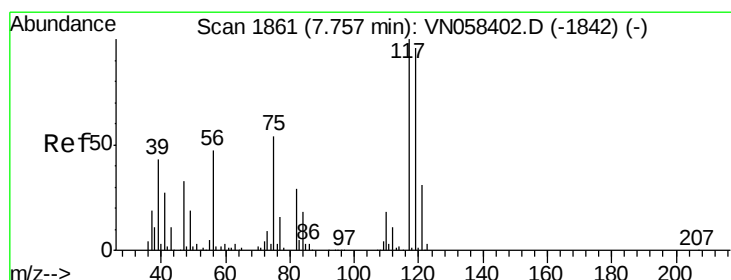
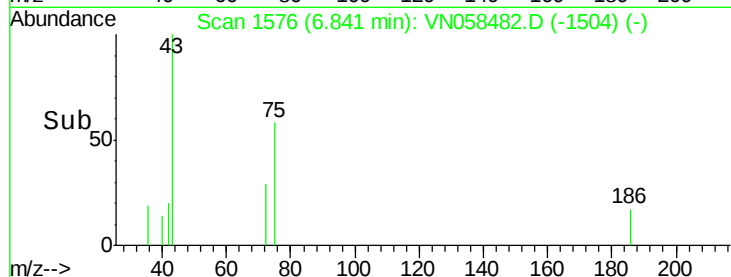
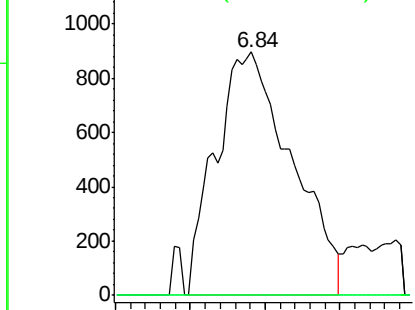
#37
Ethyl Acetate
Concen: 0.599 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.07 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

Tgt Ion: 43 Resp: 3175
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.8 11.6#

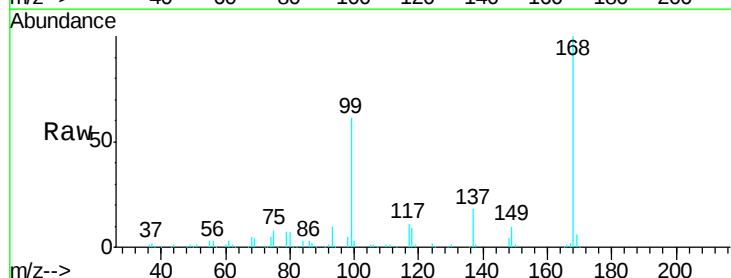


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

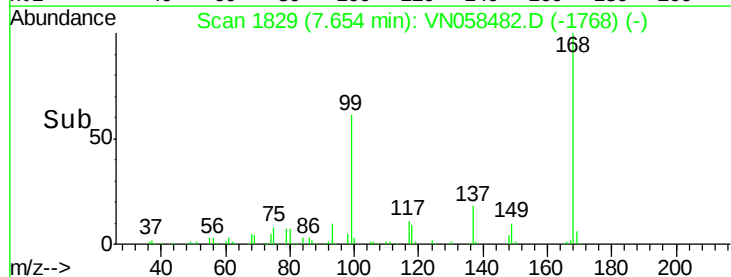
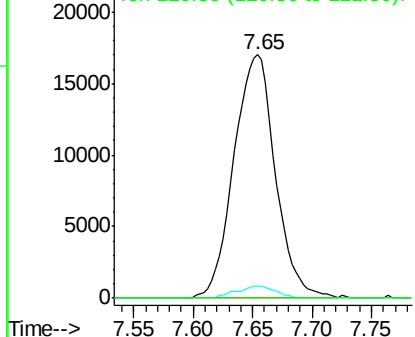


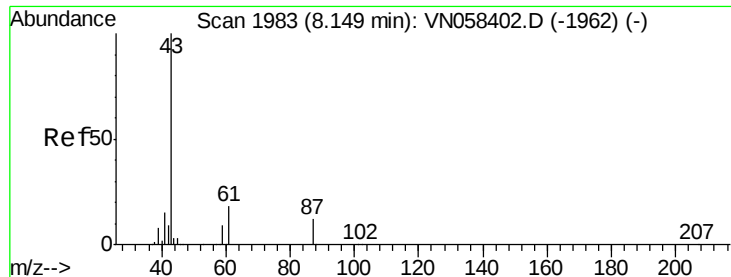
#38
Carbon Tetrachloride
Concen: 7.279 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 117 Resp: 41078
Ion Ratio Lower Upper
117 100
119 5.1 76.6 115.0#
121 0.0 24.7 37.1#



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: 11.033 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

JC-02-093019-A

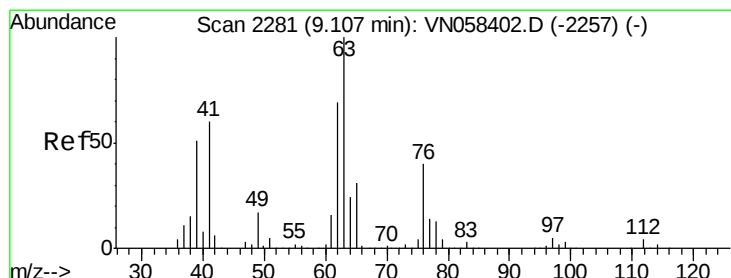
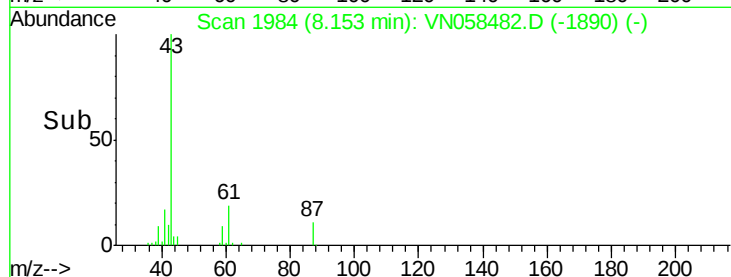
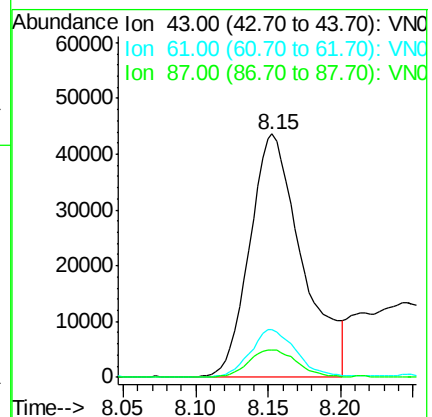
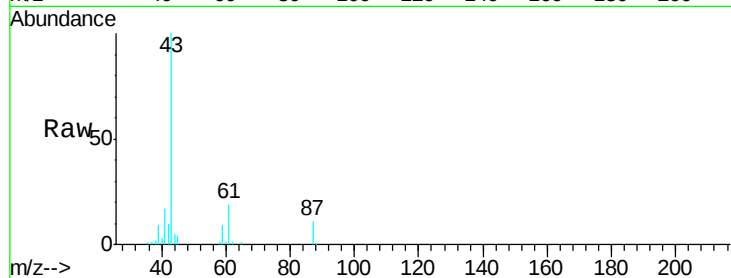
Tgt Ion: 43 Resp: 109979

Ion Ratio Lower Upper

43 100

61 17.3 14.8 22.2

87 10.4 9.7 14.5



#45

1,2-Dichloropropane

Concen: 0.431 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058482.D

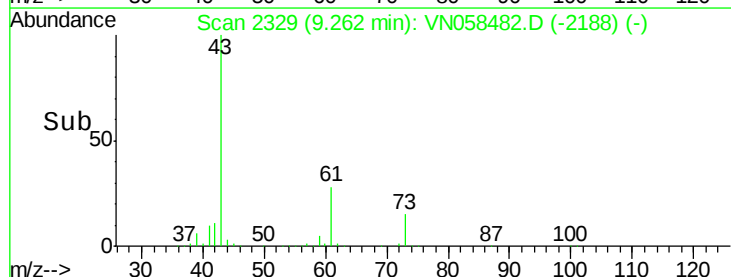
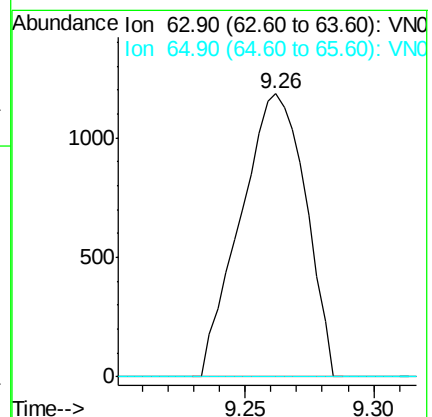
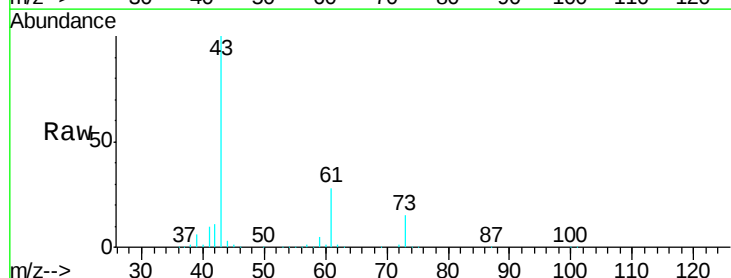
Acq: 2 Oct 2019 18:07

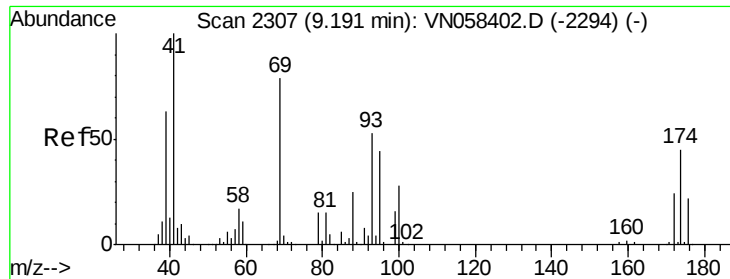
Tgt Ion: 63 Resp: 2077

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

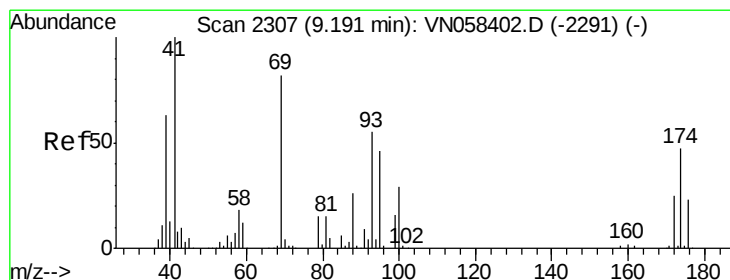
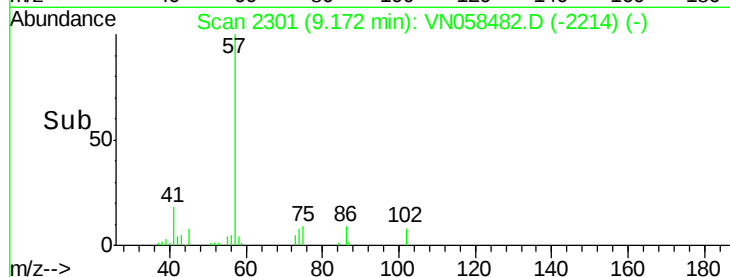
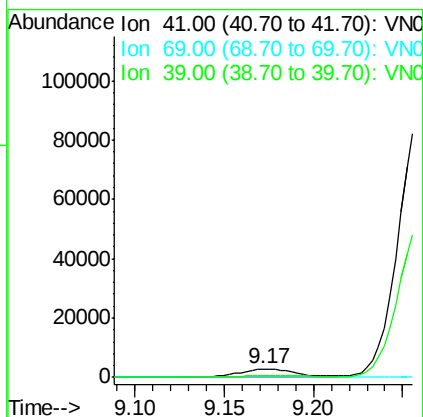
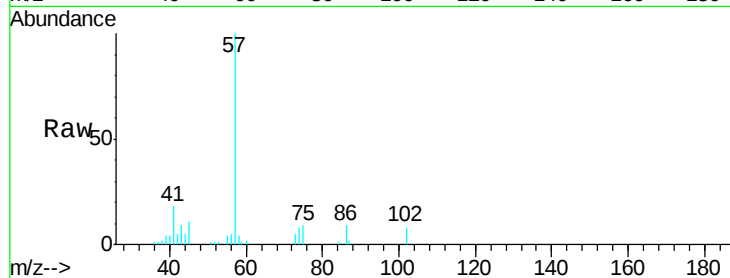




#48
Methyl methacrylate
Concen: 1.433 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

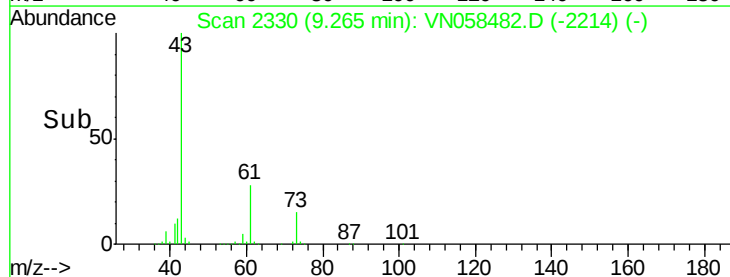
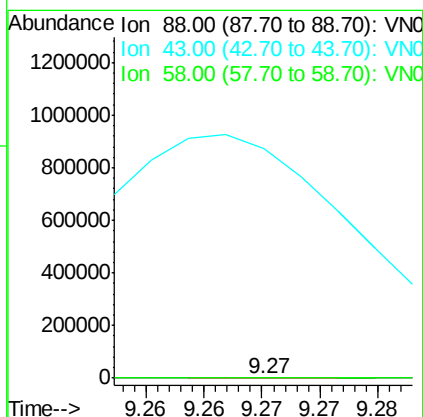
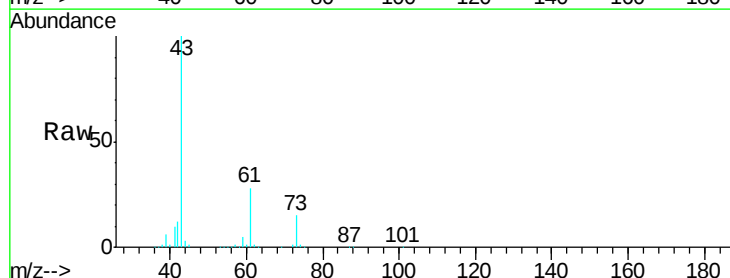
Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

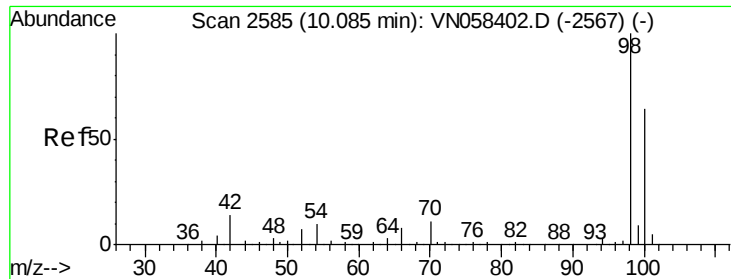
Tgt Ion: 41 Resp: 6506
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 0.0 52.9 79.3#



#49
1,4-Dioxane
Concen: 0.544 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 5166069.7 31.1 46.7#
58 21818.2 58.1 87.1#

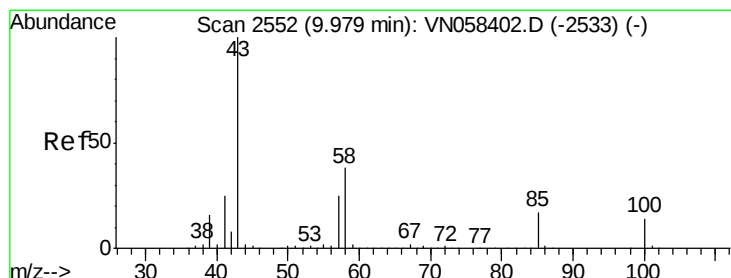
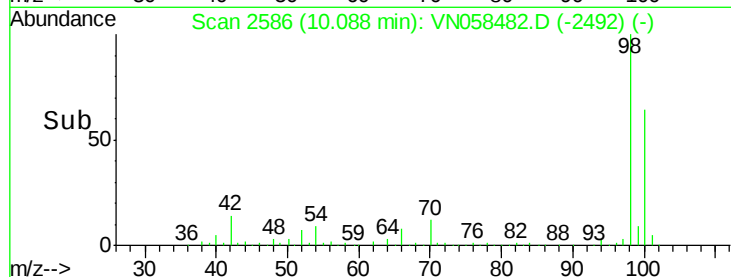
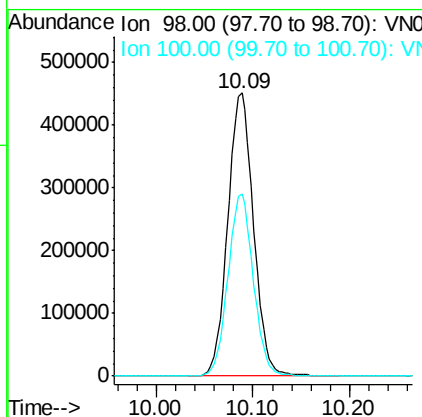
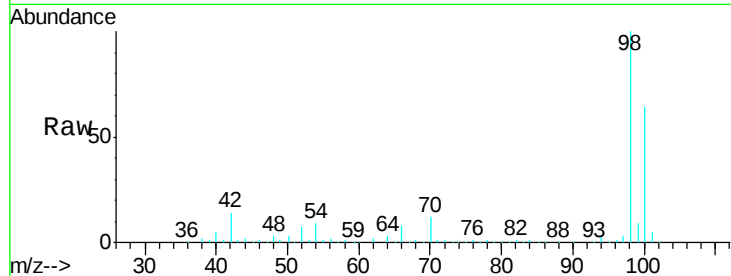




#50
Toluene-d8
Concen: 53.294 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

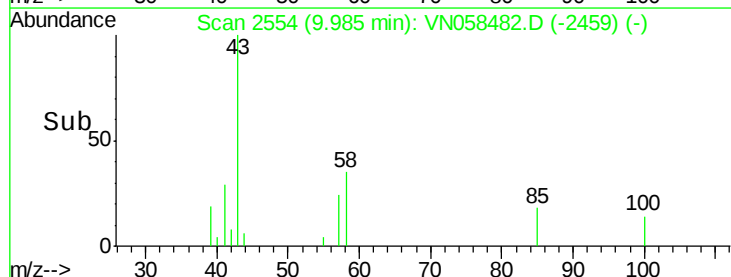
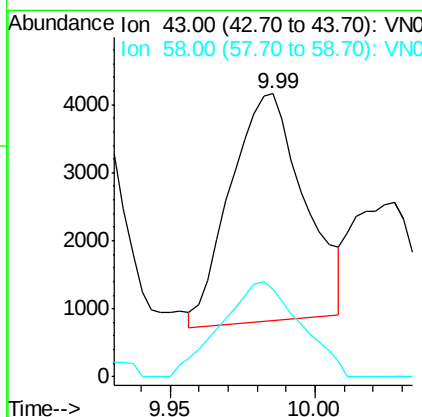
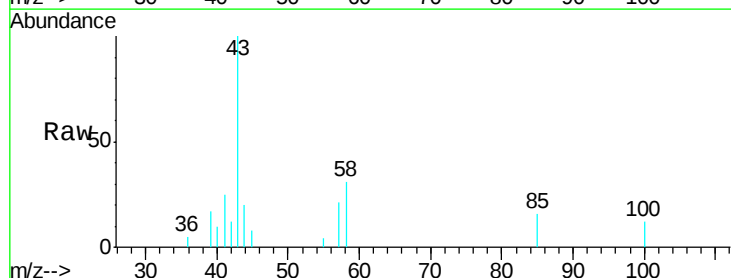
Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

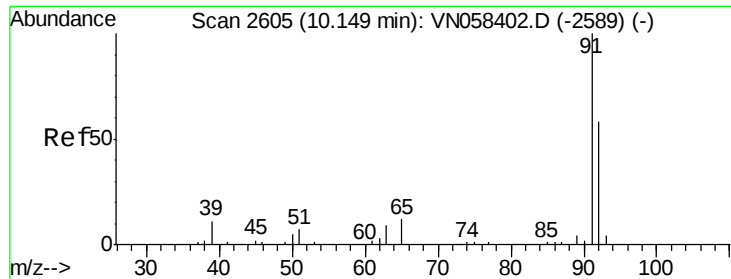
Tgt Ion: 98 Resp: 836668
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 1.156 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.01 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 43 Resp: 5920
Ion Ratio Lower Upper
43 100
58 45.0 30.2 45.2





#52

Toluene

Concen: 0.279 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

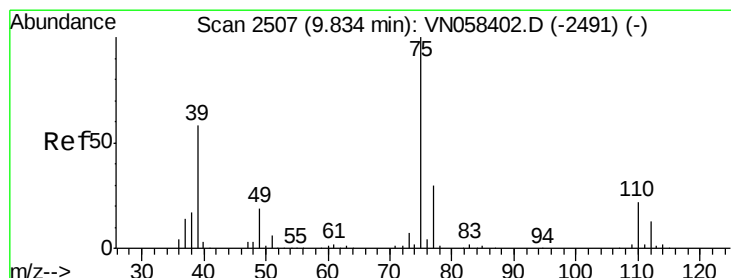
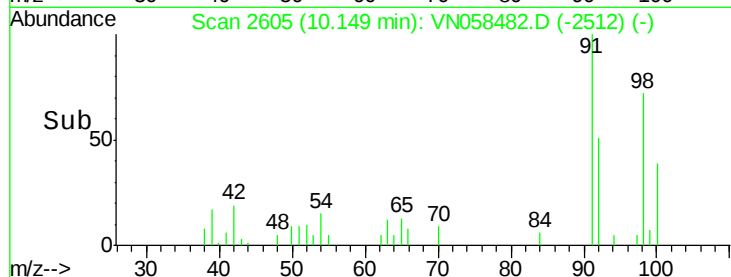
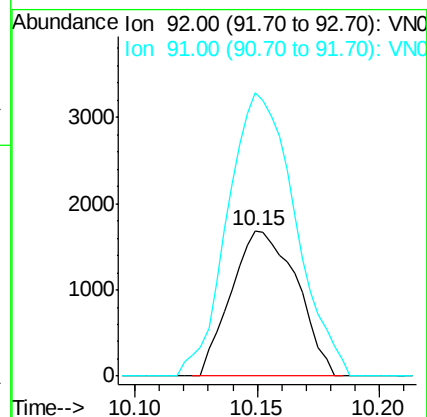
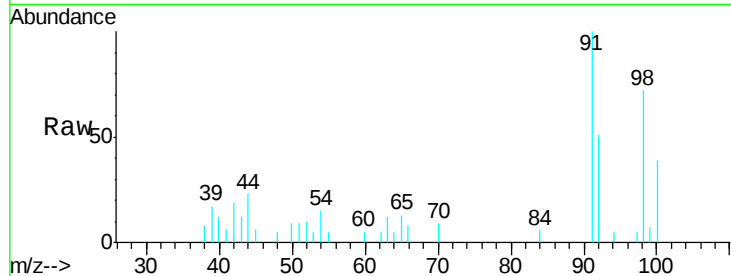
JC-02-093019-A

Tgt Ion: 92 Resp: 3153

Ion Ratio Lower Upper

92 100

91 200.6 140.2 210.4



#54

cis-1,3-Dichloropropene

Concen: 5.758 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

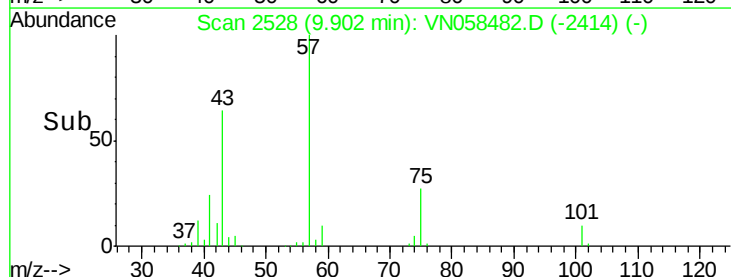
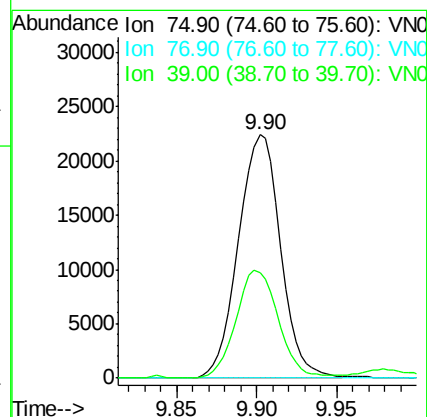
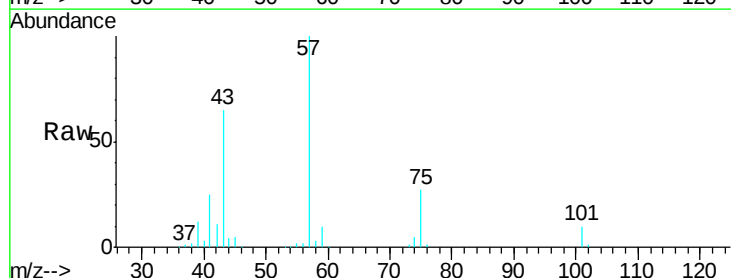
Tgt Ion: 75 Resp: 40236

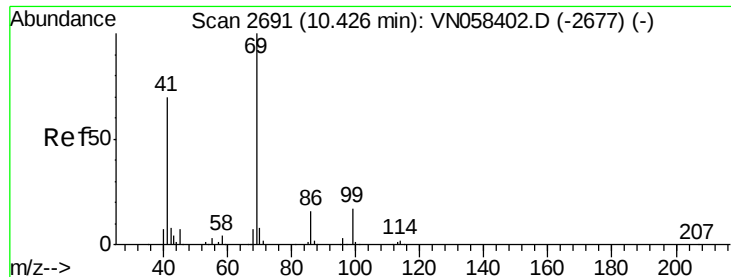
Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#

39 43.5 46.4 69.6#





#56

Ethyl methacrylate

Concen: 0.304 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

JC-02-093019-A

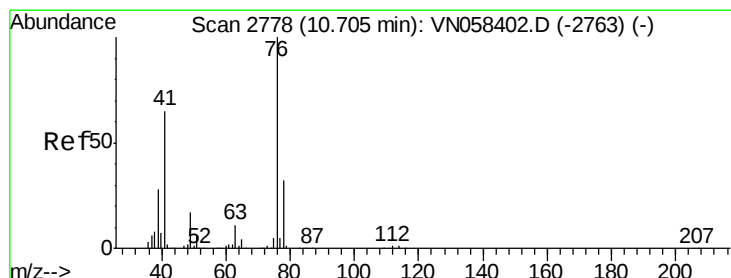
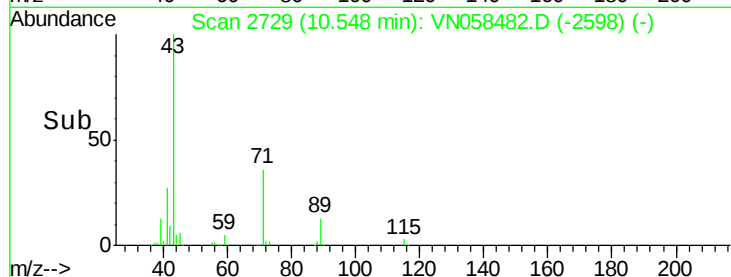
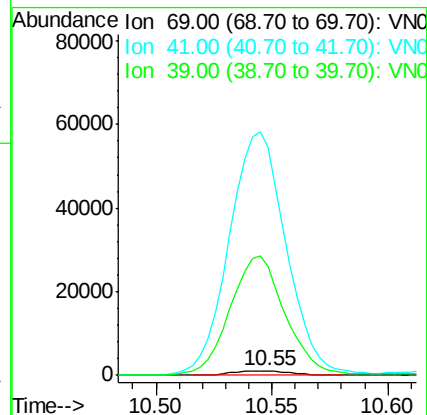
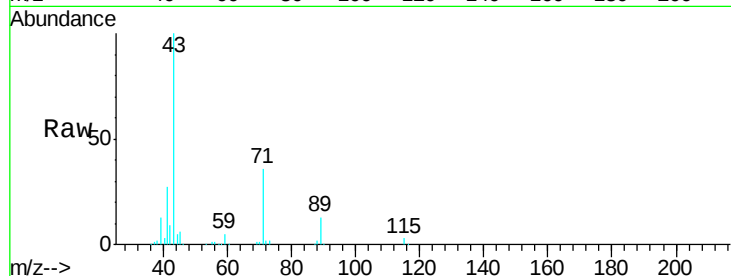
Tgt Ion: 69 Resp: 1901

Ion Ratio Lower Upper

69 100

41 5227.5 56.3 84.5#

39 2500.4 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.964 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN058482.D

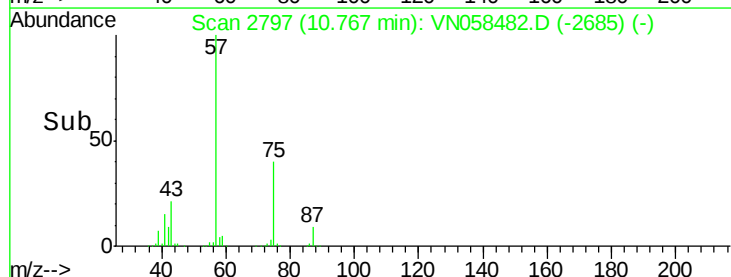
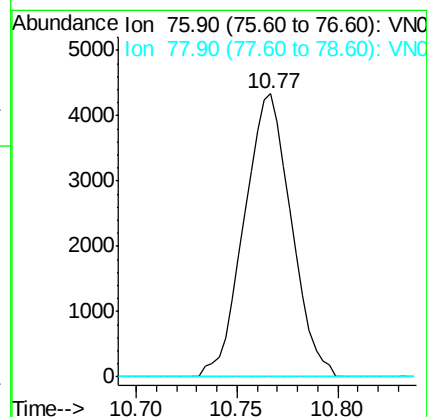
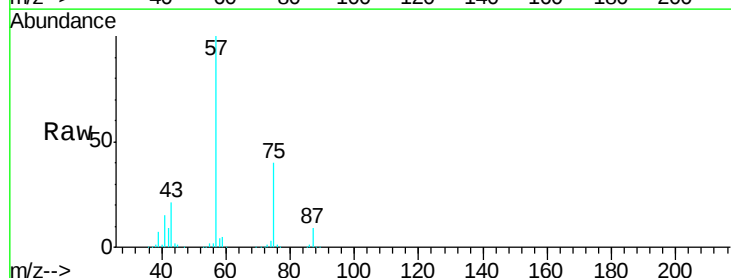
Acq: 2 Oct 2019 18:07

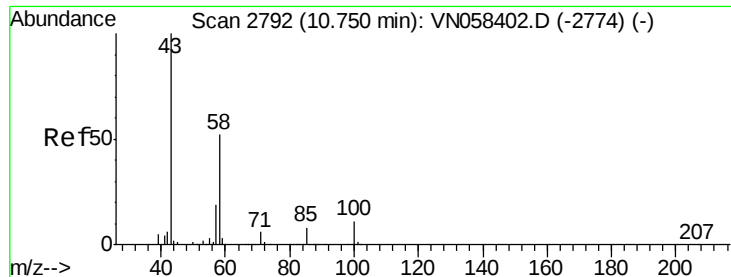
Tgt Ion: 76 Resp: 7082

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

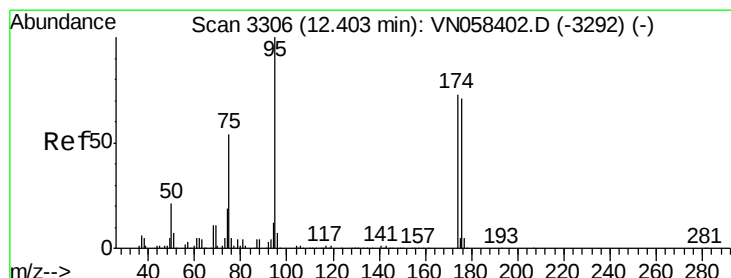
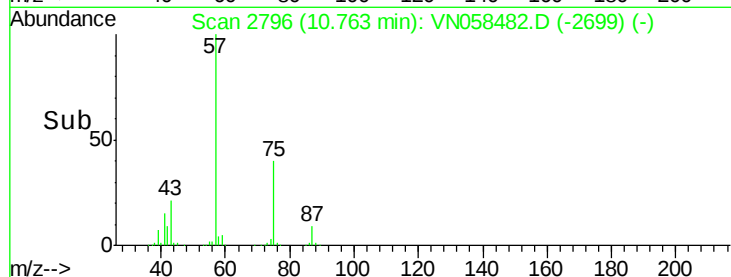
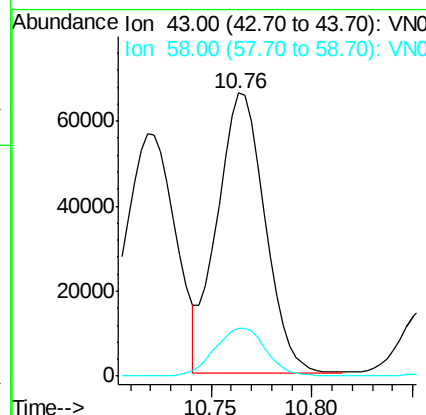
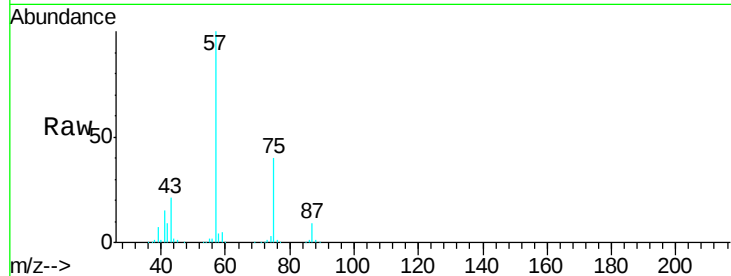




#59
2-Hexanone
Concen: 29.265 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

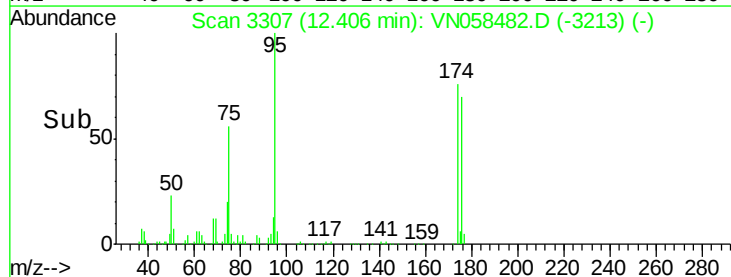
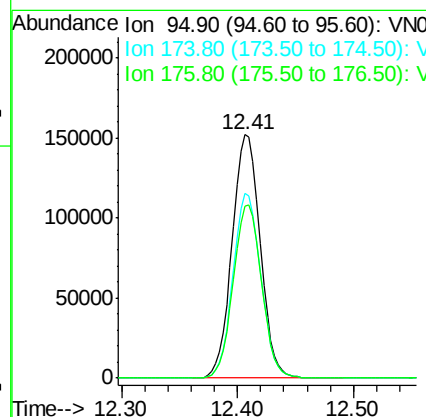
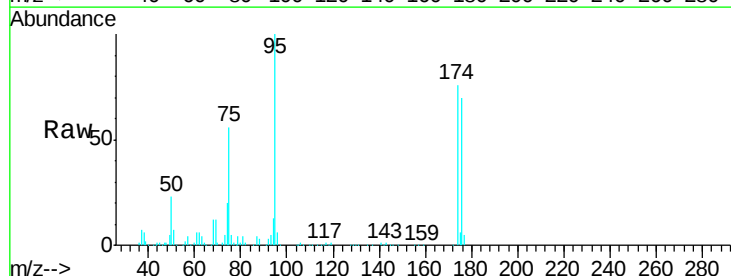
Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

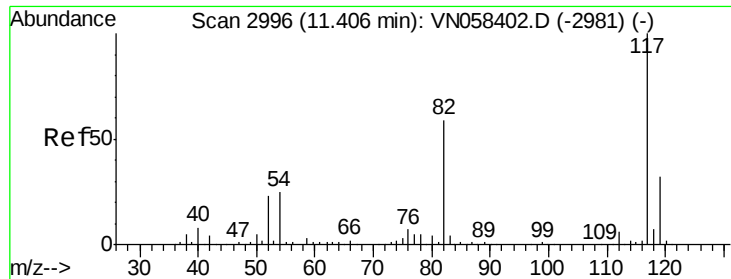
Tgt Ion: 43 Resp: 109109
Ion Ratio Lower Upper
43 100
58 18.3 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 45.017 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 95 Resp: 255535
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.6
176 71.6 0.0 146.2

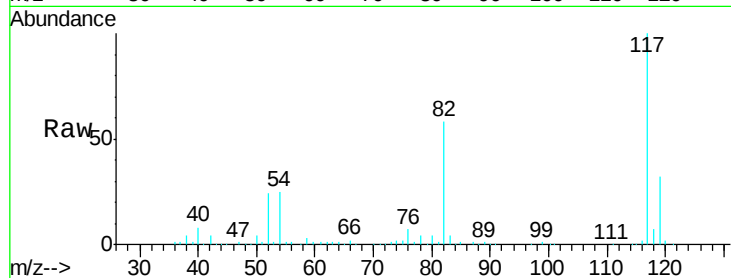




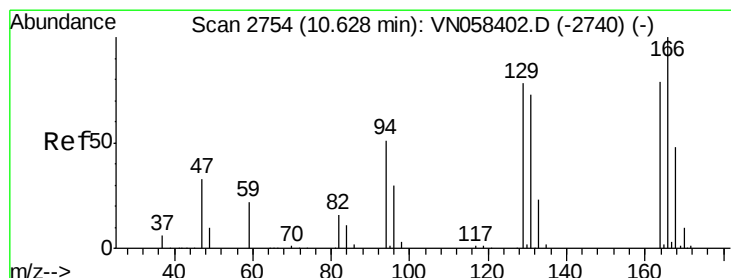
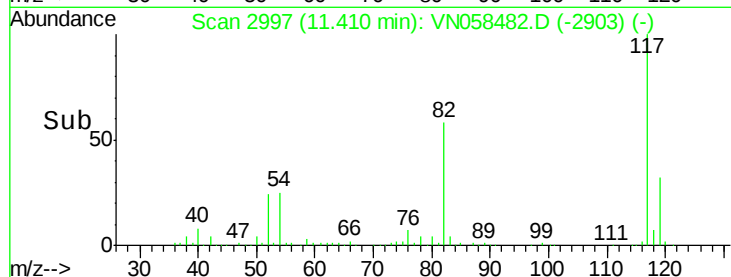
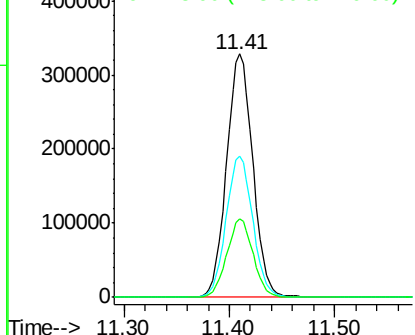
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

Tgt Ion:117 Resp: 563571
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.0
119 32.5 25.5 38.3



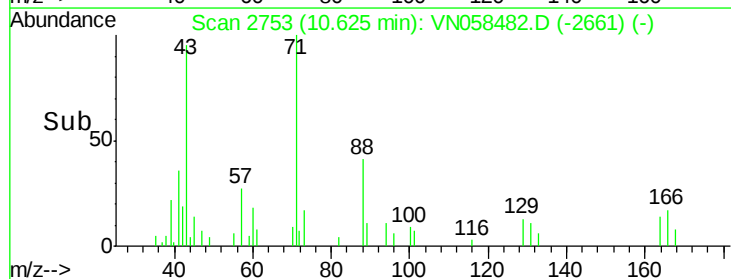
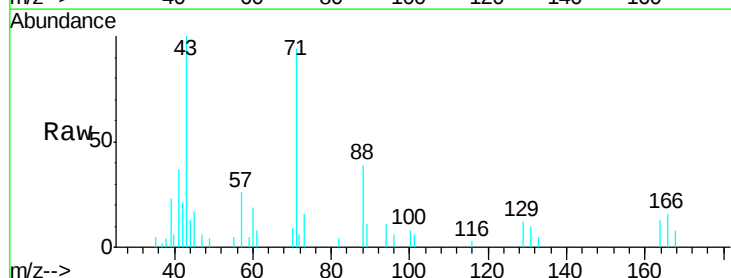
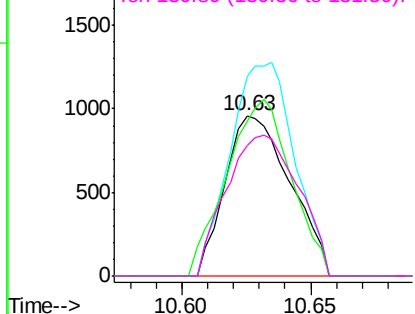
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

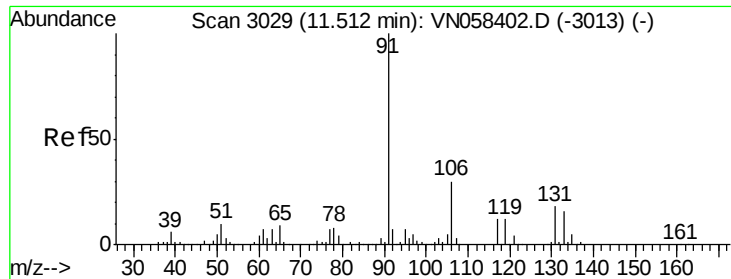


#64
Tetrachloroethene
Concen: 0.471 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion:164 Resp: 1687
Ion Ratio Lower Upper
164 100
166 124.7 101.1 151.7
129 96.6 79.2 118.8
131 81.7 74.1 111.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

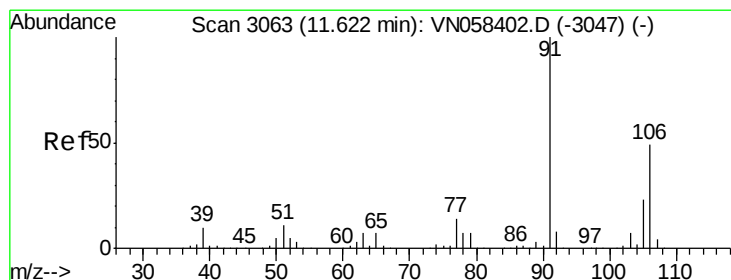
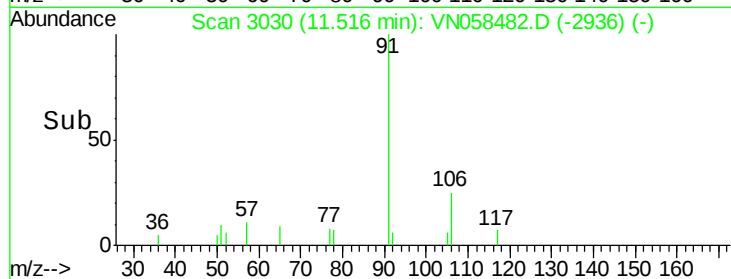
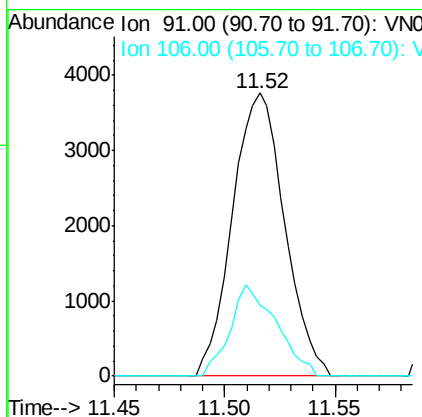
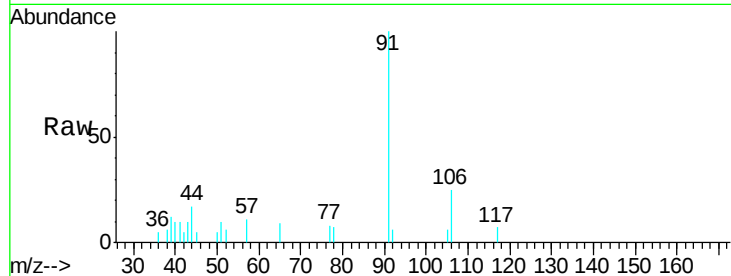




#67
Ethyl Benzene
Concen: 0.304 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

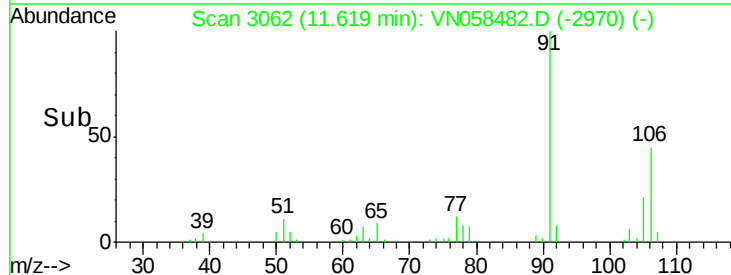
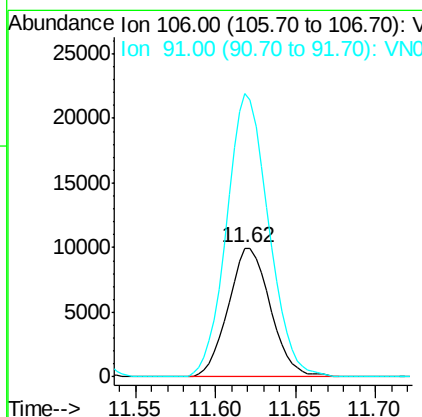
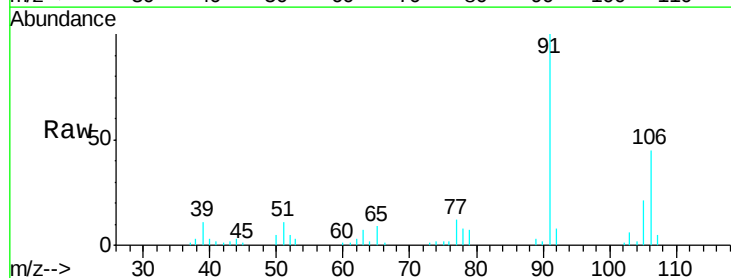
Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

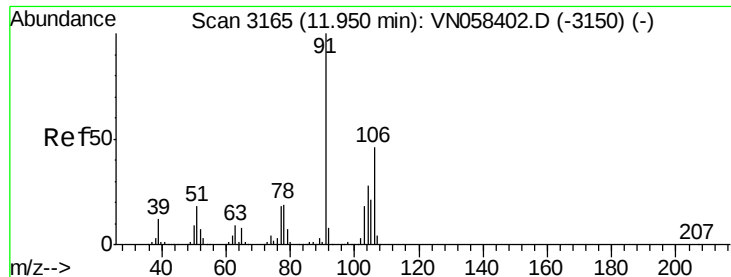
Tgt Ion: 91 Resp: 6177
Ion Ratio Lower Upper
91 100
106 25.1 24.3 36.5



#68
m/p-Xylenes
Concen: 2.346 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 106 Resp: 17910
Ion Ratio Lower Upper
106 100
91 218.3 165.0 247.4

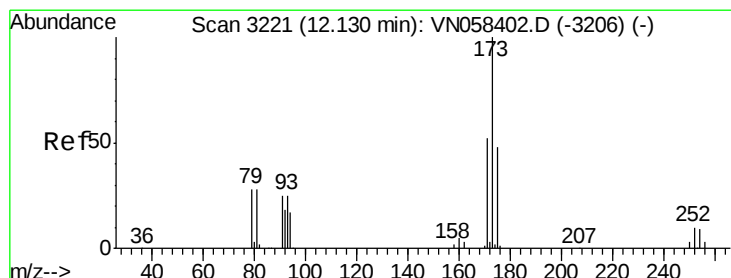
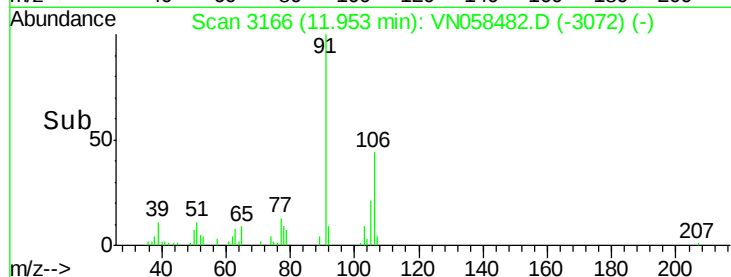
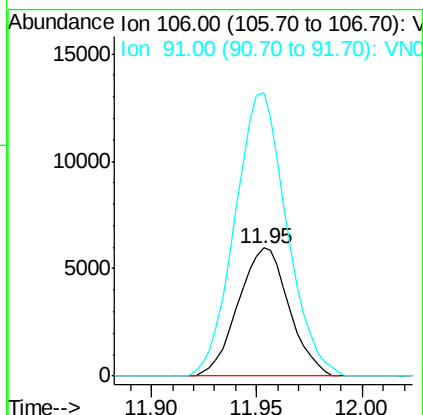
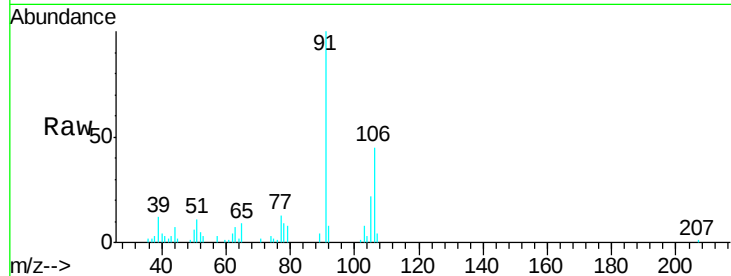




#69
o-Xylene
Concen: 1.360 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

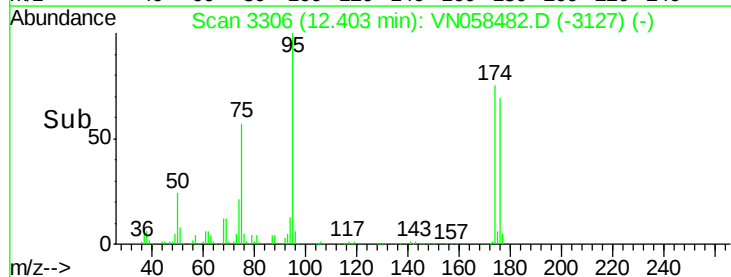
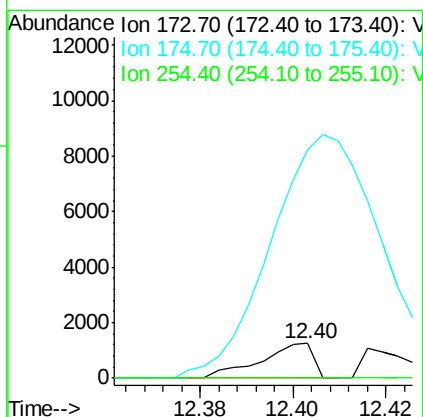
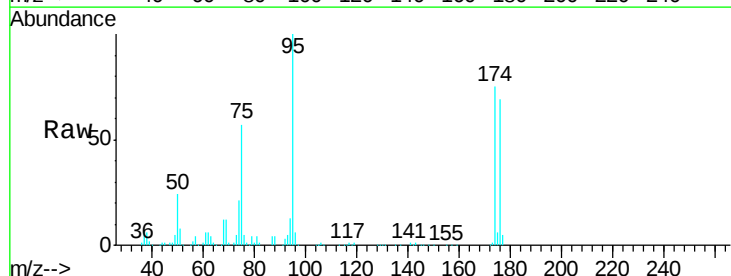
Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

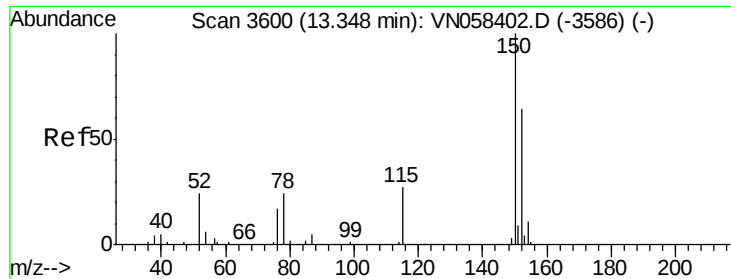
Tgt Ion:106 Resp: 9997
Ion Ratio Lower Upper
106 100
91 225.4 109.1 327.4



#71
Bromoform
Concen: 1.066 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion:173 Resp: 981
Ion Ratio Lower Upper
173 100
175 1224.0 24.3 73.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

JC-02-093019-A

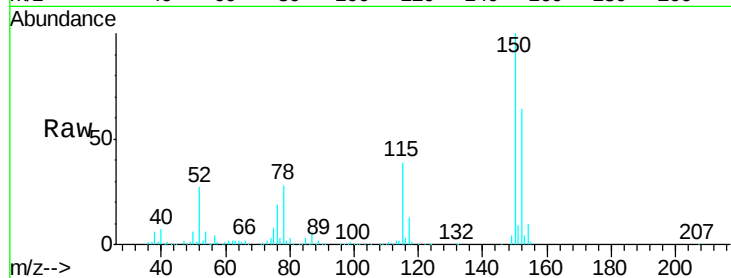
Tgt Ion:152 Resp: 205085

Ion Ratio Lower Upper

152 100

115 60.8 30.0 90.0

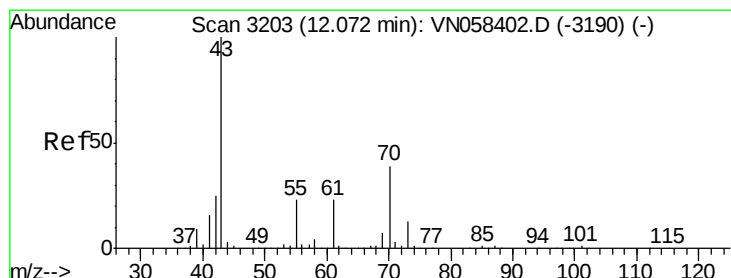
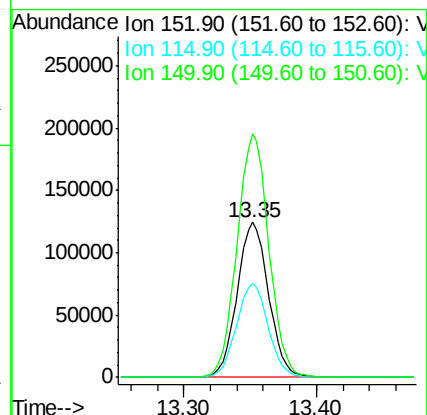
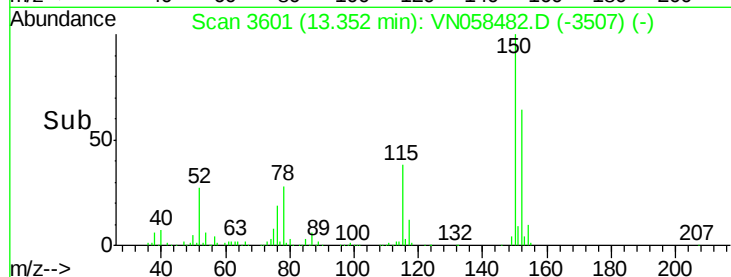
150 158.4 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.580 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Tgt Ion: 43 Resp: 3498

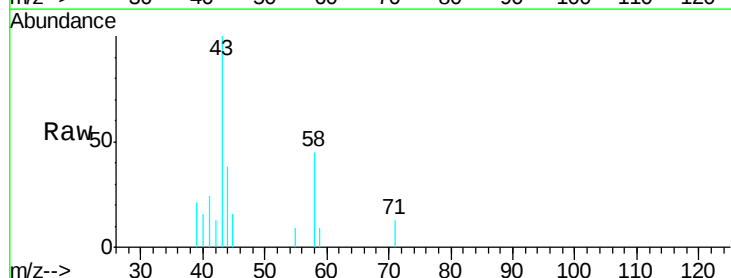
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 5.5 18.2 27.4#

61 0.0 18.3 27.5#

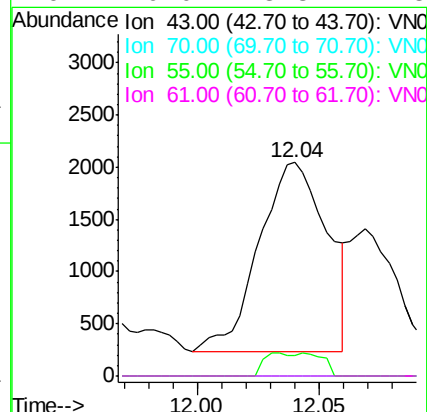
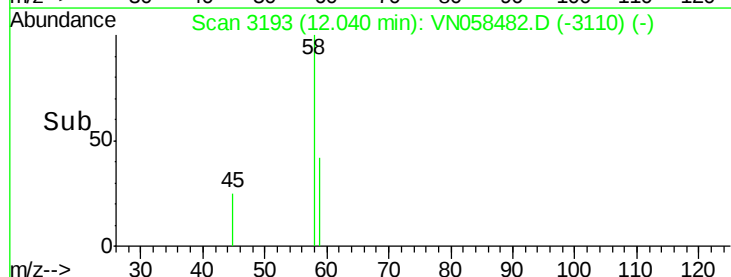


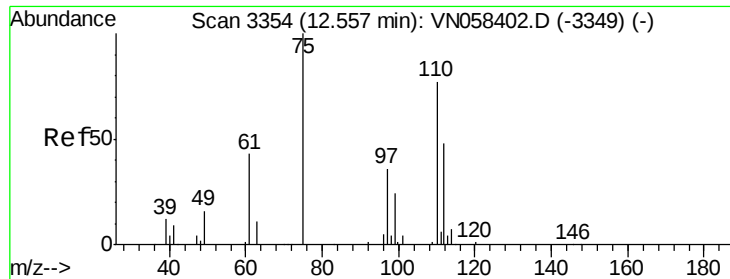
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

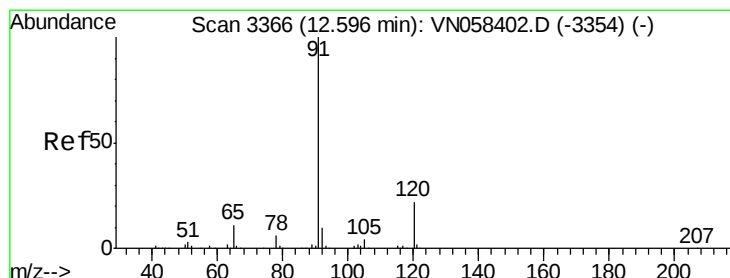
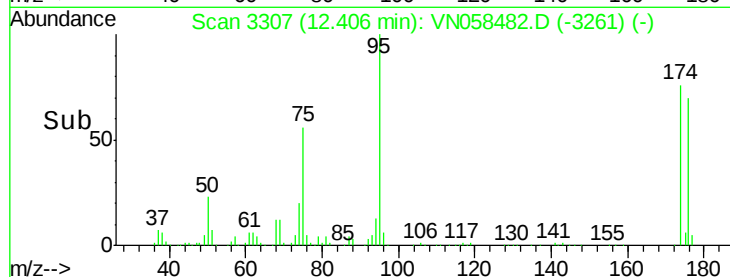
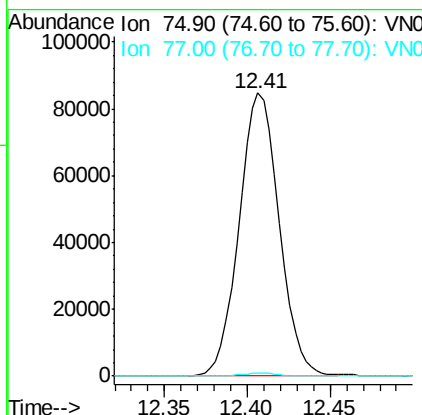
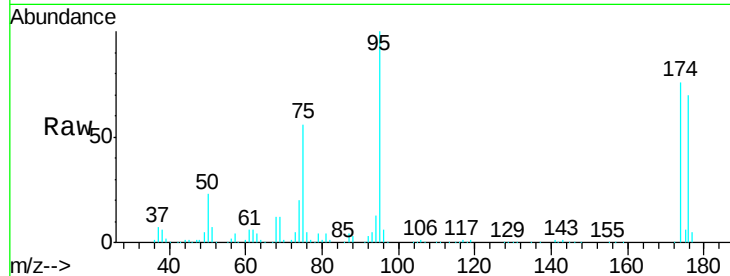




#76
 1,2,3-Trichloropropane
 Concen: 37.975 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

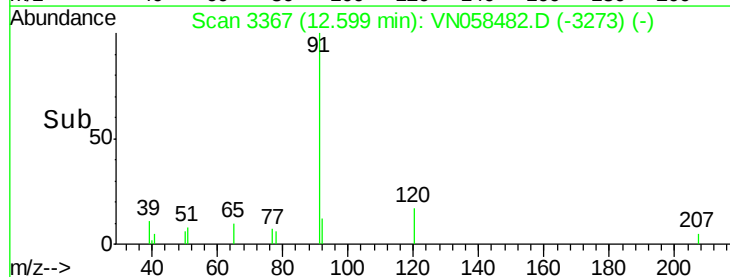
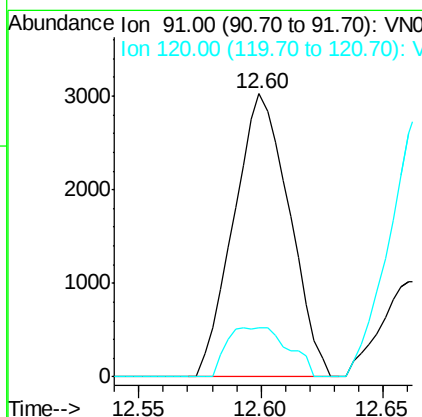
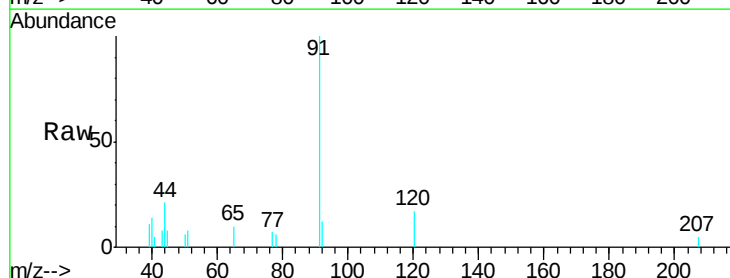
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-A

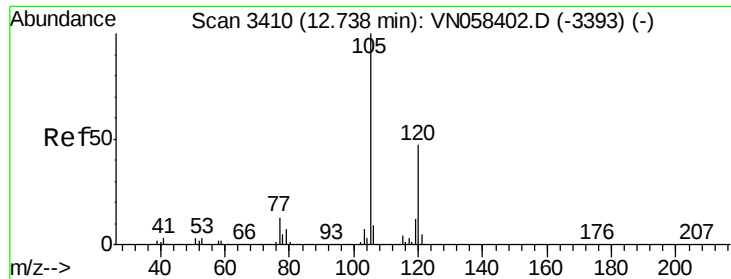
Tgt Ion: 75 Resp: 142251
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.279 ug/l
 RT: 12.60 min Scan# 3367
 Delta R.T. 0.00 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

Tgt Ion: 91 Resp: 4766
 Ion Ratio Lower Upper
 91 100
 120 19.3 10.9 32.9

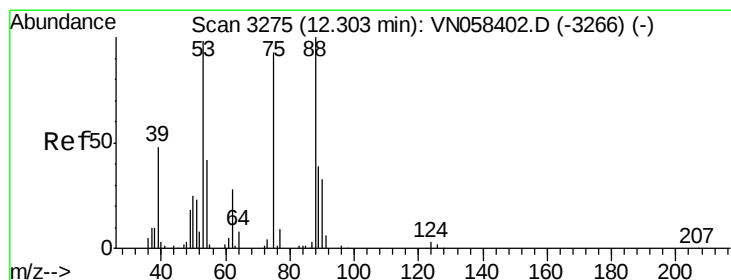
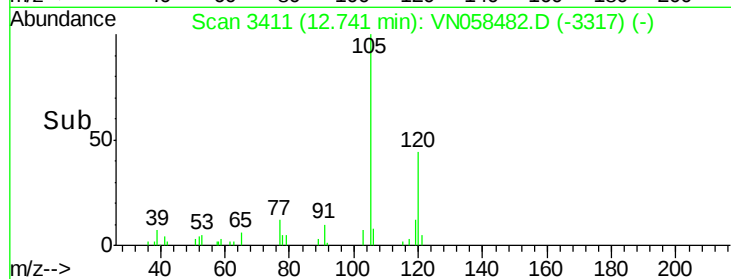
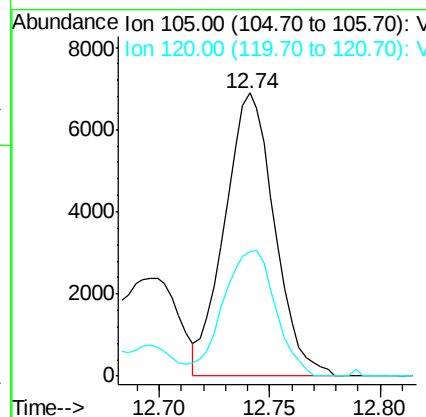
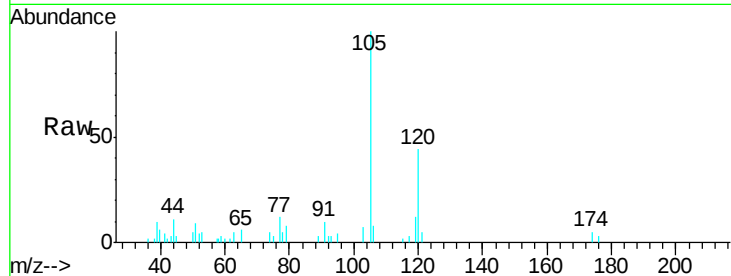




#80
 1,3,5-Trimethylbenzene
 Concen: 0.853 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

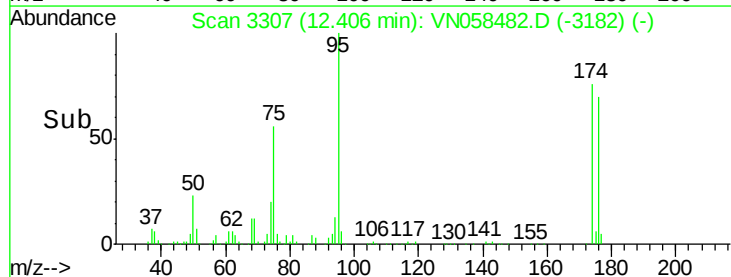
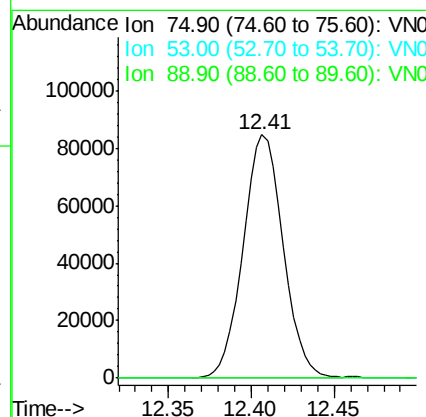
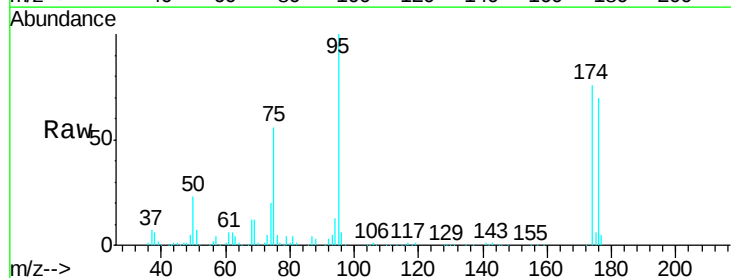
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-A

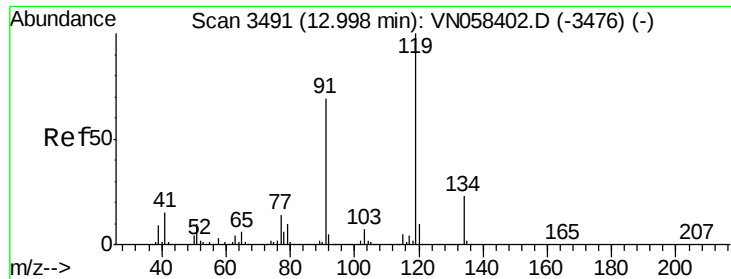
Tgt Ion: 105 Resp: 10817
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.335 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

Tgt Ion: 75 Resp: 142251
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.0#
 89 0.0 35.0 52.4#

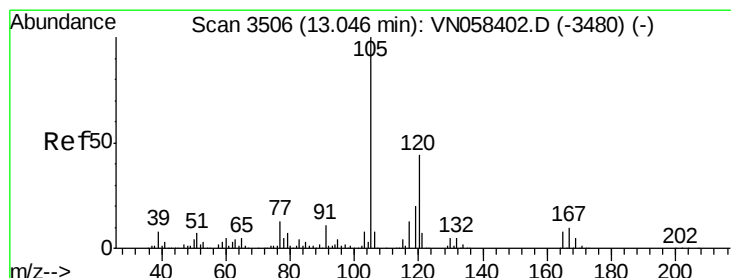
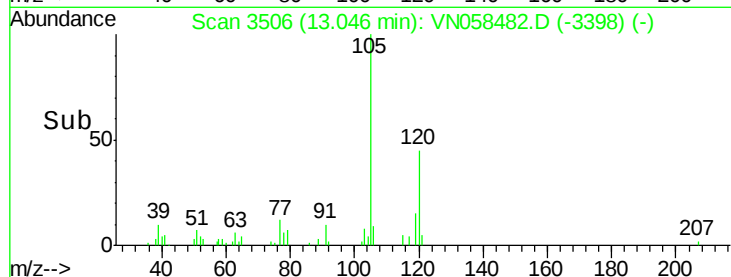
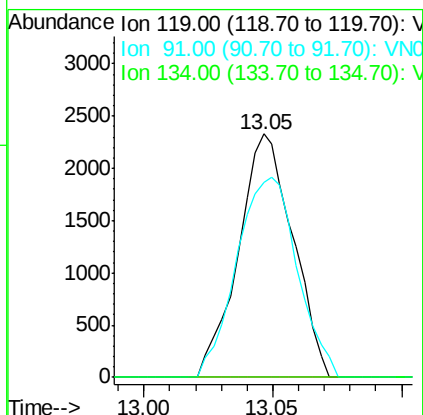
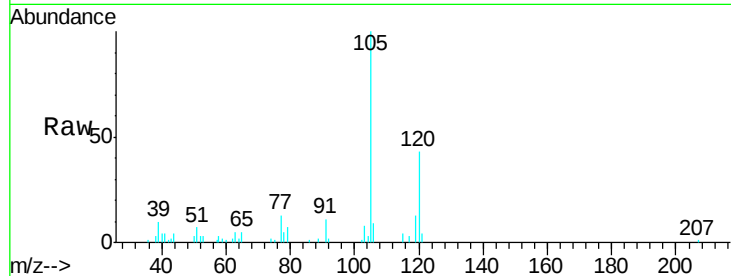




#83
 tert-Butylbenzene
 Concen: 0.320 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.05 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

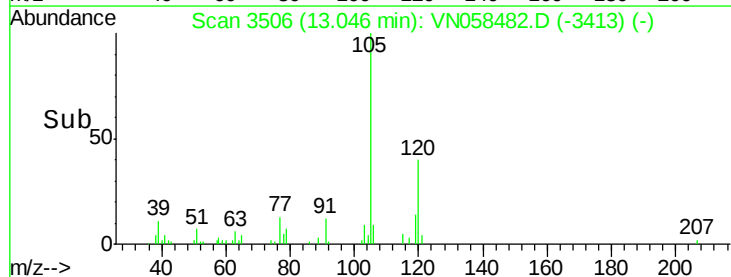
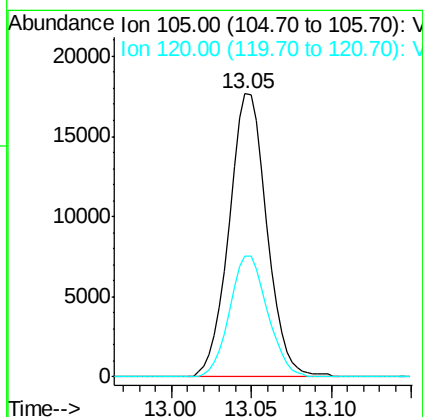
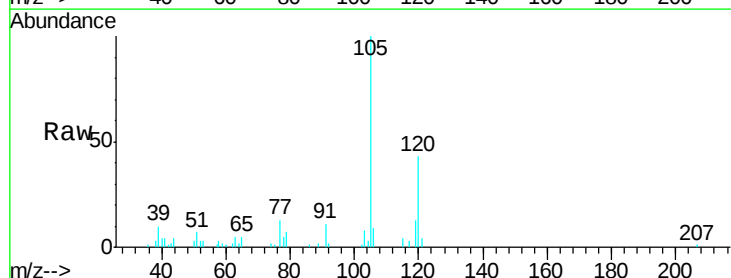
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-A

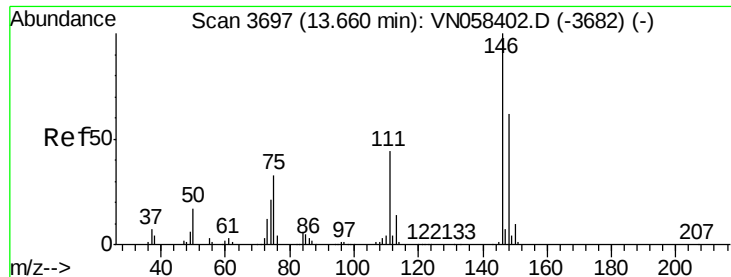
Tgt Ion:119 Resp: 3427
 Ion Ratio Lower Upper
 119 100
 91 91.7 34.2 102.6
 134 0.0 11.6 34.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.228 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

Tgt Ion:105 Resp: 28319
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.7 65.1

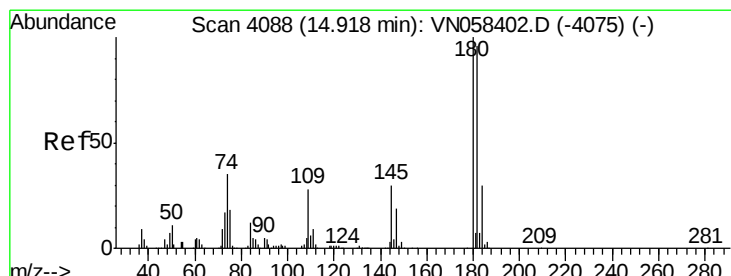
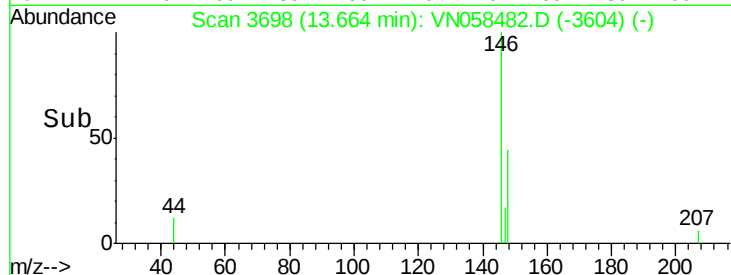
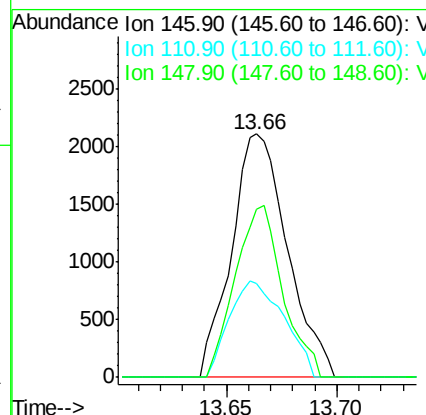
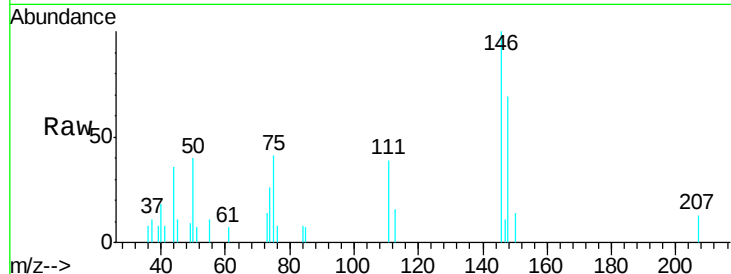




#91
 1,2-Dichlorobenzene
 Concen: 0.600 ug/l
 RT: 13.66 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

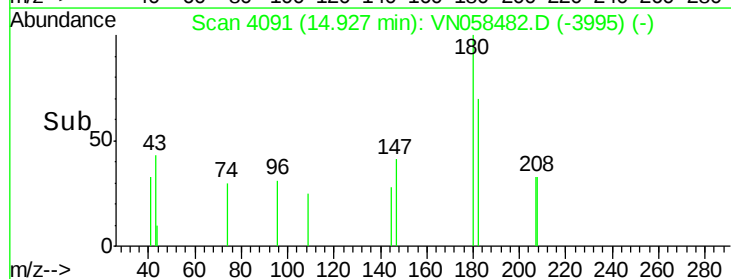
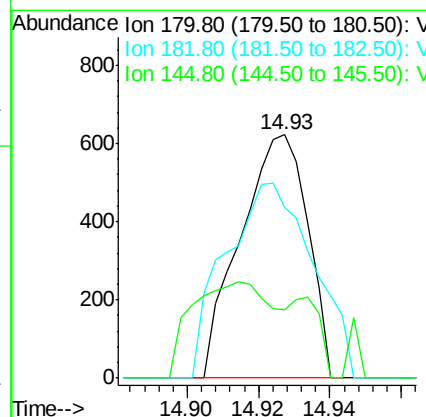
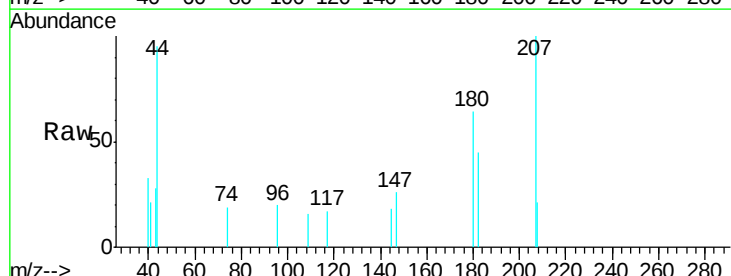
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-A

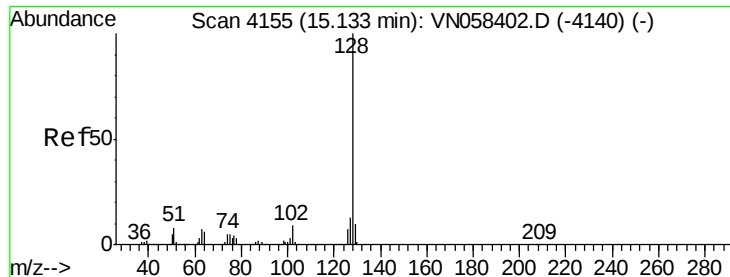
Tgt Ion:146 Resp: 3714
 Ion Ratio Lower Upper
 146 100
 111 38.7 21.8 65.3
 148 60.0 31.5 94.5



#93
 1,2,4-Trichlorobenzene
 Concen: 0.236 ug/l
 RT: 14.93 min Scan# 4091
 Delta R.T. 0.01 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

Tgt Ion:180 Resp: 808
 Ion Ratio Lower Upper
 180 100
 182 104.8 47.4 142.3
 145 49.0 15.3 45.9#





#95

Naphthalene

Concen: 2.724 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

JC-02-093019-A

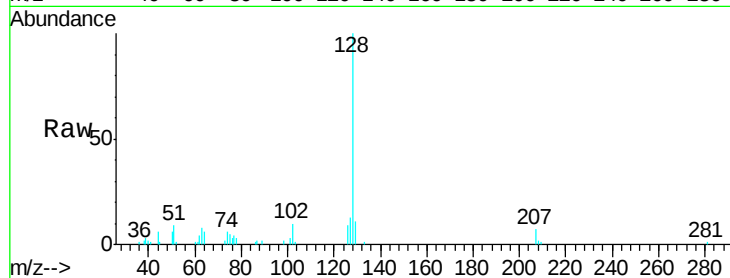
Tgt Ion:128 Resp: 27573

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

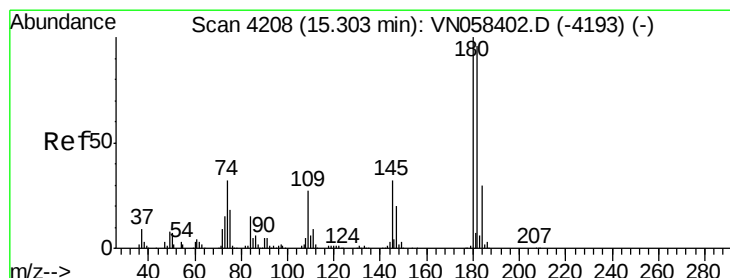
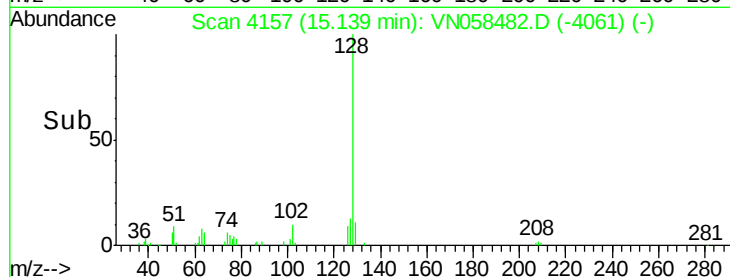
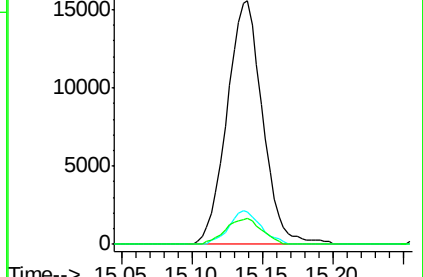
129 10.8 8.3 12.5



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: 0.235 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

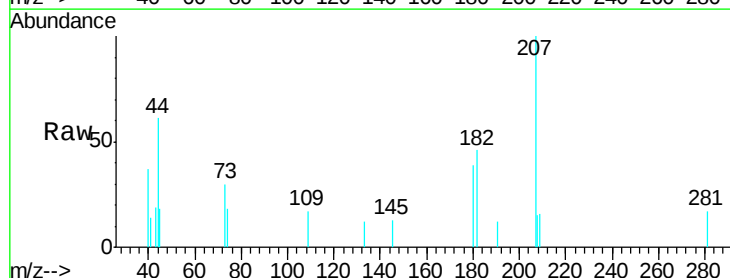
Tgt Ion:180 Resp: 892

Ion Ratio Lower Upper

180 100

182 110.0 48.3 144.9

145 19.4 16.1 48.3



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

