

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
 Data File : VN059357.D
 Acq On : 22 Nov 2019 12:29
 Operator : JC/SP
 Sample : K5934-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 22 13:34:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	365523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	560156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	485752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	180416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	206689	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
35) Dibromofluoromethane	7.57	113	166089	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	10.08	98	678963	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	216297	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	

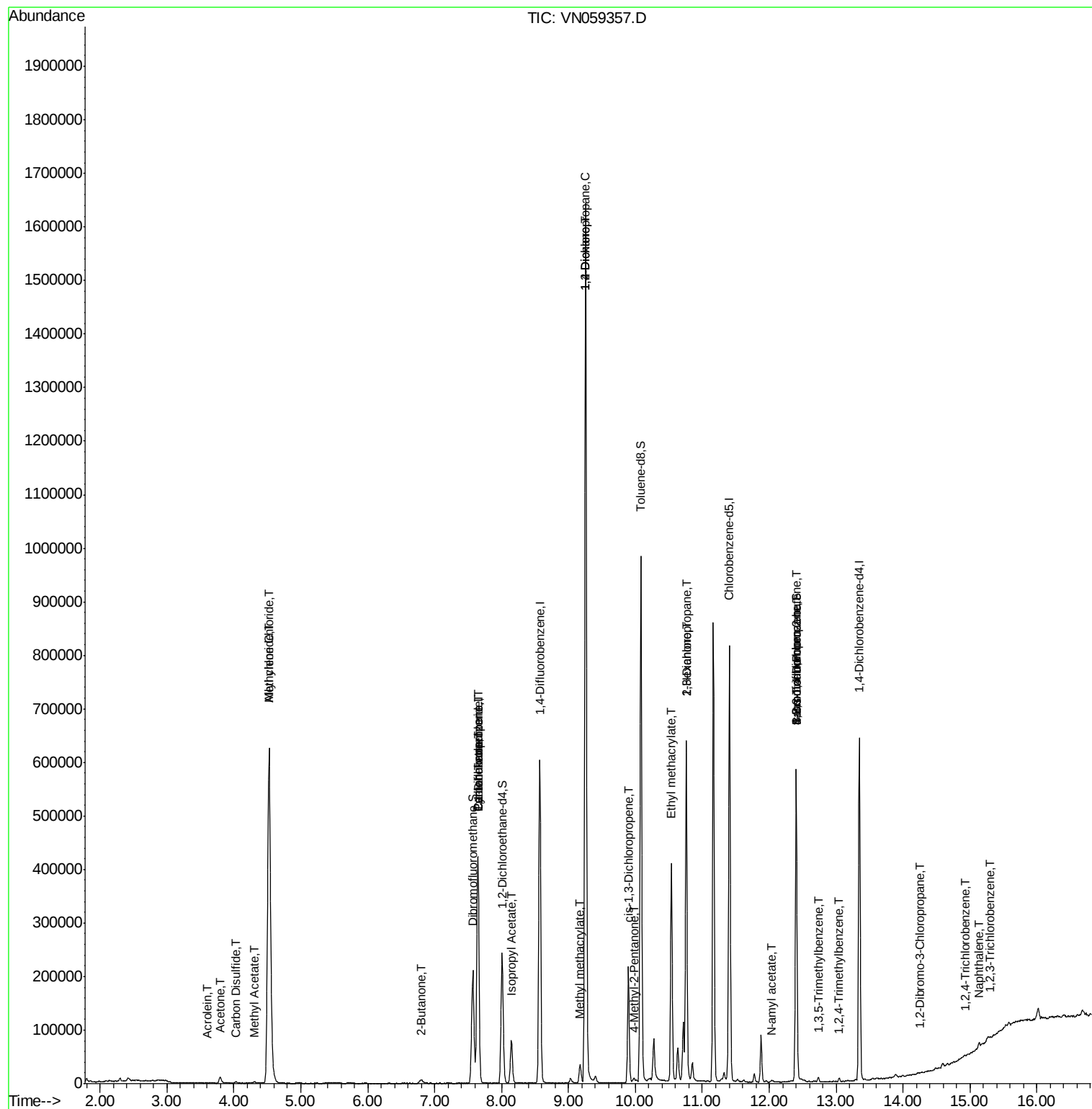
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	276	0.344	ug/l #	27
14) Allyl chloride	4.53	41	19355	2.626	ug/l #	29
16) Acetone	3.79	43	19349	9.840	ug/l	97
17) Carbon Disulfide	4.03	76	4098	0.471	ug/l #	94
18) Methyl Acetate	4.30	43	3659	0.561	ug/l #	75
20) Methylene Chloride	4.53	84	501285	113.028	ug/l	100
25) 2-Butanone	6.81	43	1034	0.338	ug/l	96
30) Chloroform	7.35	83	351	Below Cal	#	17
31) Cyclohexane	7.64	56	6777	0.878	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	25948	4.487	ug/l #	50
38) Carbon Tetrachloride	7.65	117	33579	6.066	ug/l #	15
43) Isopropyl Acetate	8.15	43	94099	9.907	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	1869	0.413	ug/l #	45
48) Methyl methacrylate	9.17	41	5661	1.311	ug/l #	14
49) 1,4-Dioxane	9.26	88	150	2.311	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6428	1.156	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	40128	5.722	ug/l #	61
56) Ethyl methacrylate	10.54	69	1102	2.350	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6494	0.939	ug/l #	42
59) 2-Hexanone	10.76	43	92606	22.748	ug/l #	52
71) Bromoform	12.40	173	1138	0.396	ug/l #	1
74) N-amyl acetate	12.03	43	2812	0.473	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	104458	25.062	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4357	0.351	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	104458	62.683	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	4158	0.342	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	516	0.496	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	998	3.183	ug/l	97
95) Naphthalene	15.13	128	5852	3.684	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	1349	2.246	ug/l #	75

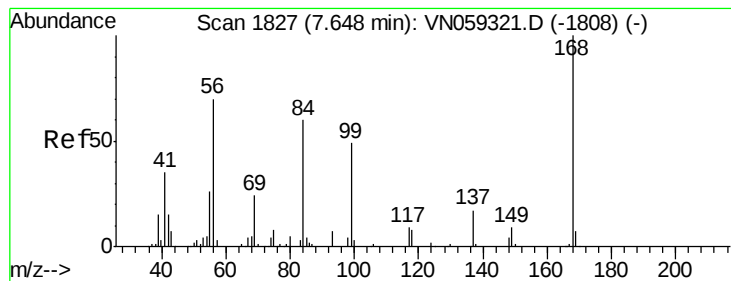
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampled :

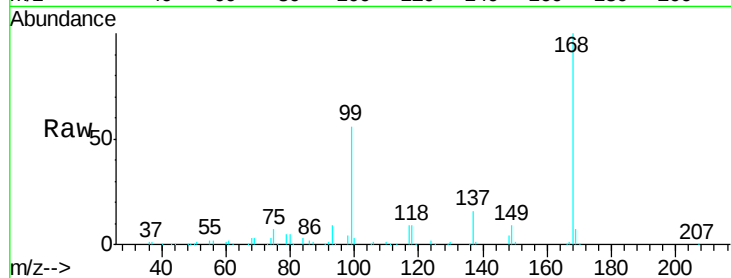
TP-1

Tgt Ion: 168 Resp: 365523

Ion Ratio Lower Upper

168 100

99 55.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.64

150000

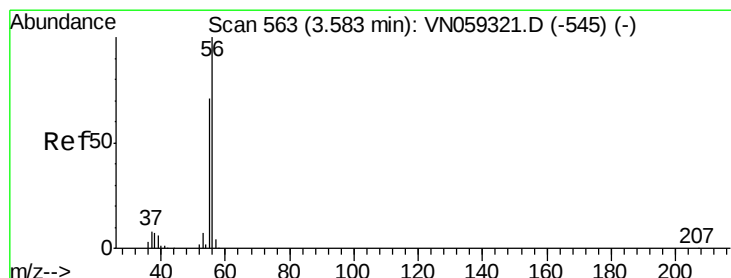
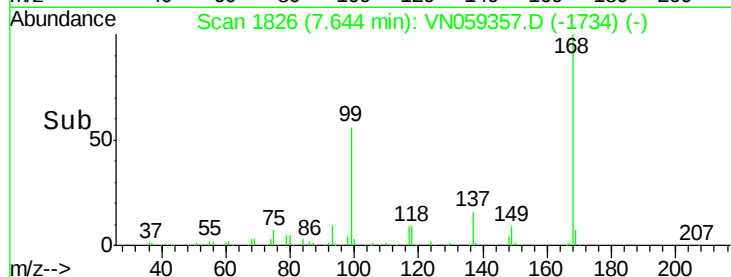
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.344 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.02 min

Lab File: VN059357.D

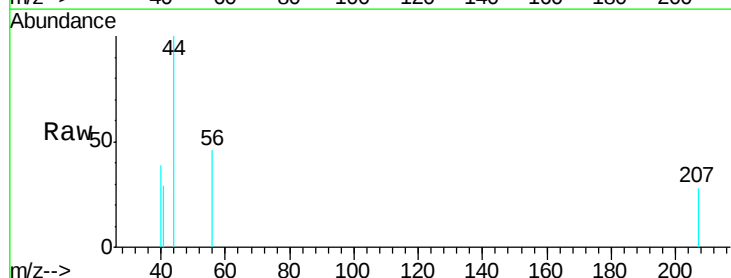
Acq: 22 Nov 2019 12:29

Tgt Ion: 56 Resp: 276

Ion Ratio Lower Upper

56 100

55 11.2 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN059321.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059321.D (-545) (-)

3.60

300

250

200

150

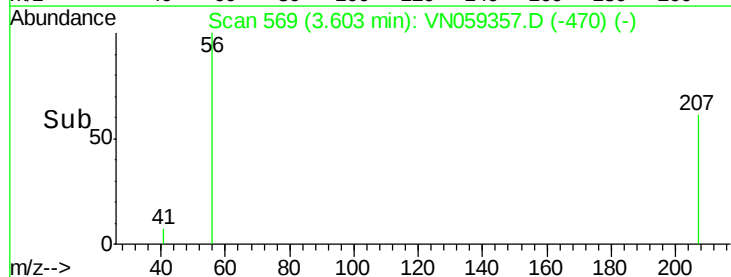
100

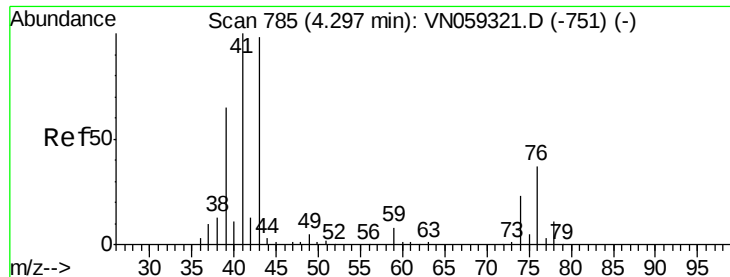
50

0

3.58 3.60 3.62

Time-->

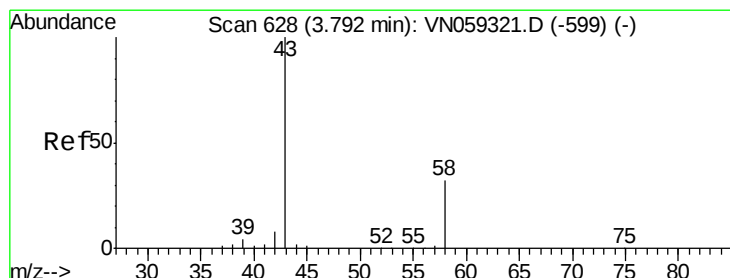
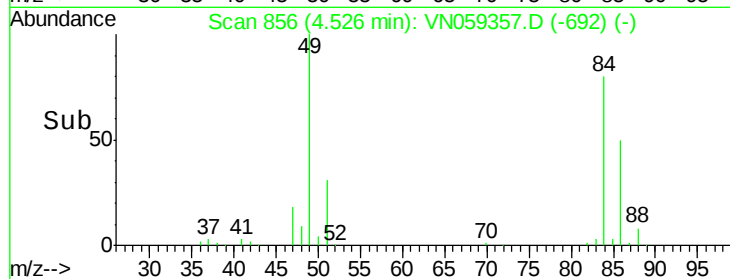
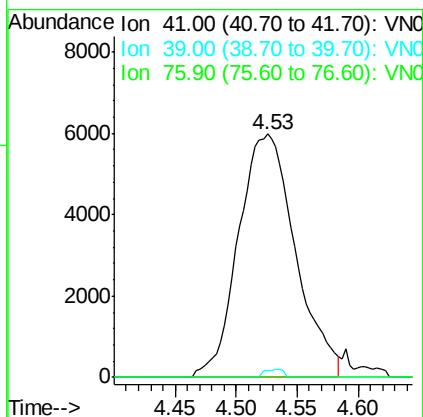
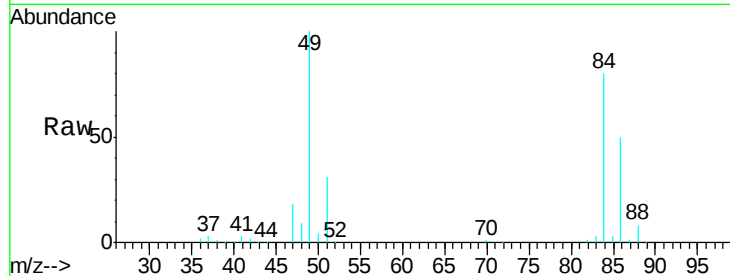




#14
 Allyl chloride
 Concen: 2.626 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. 0.23 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

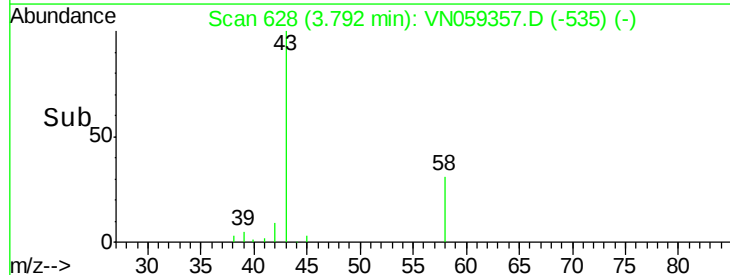
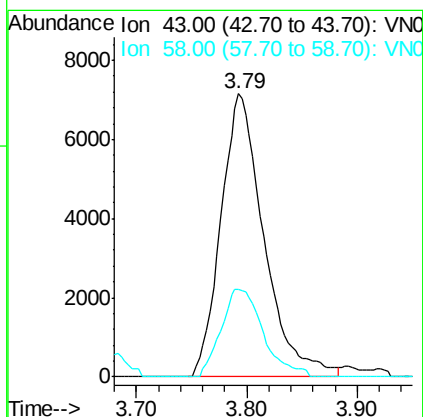
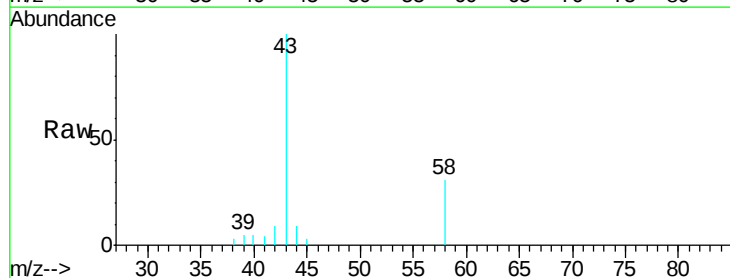
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

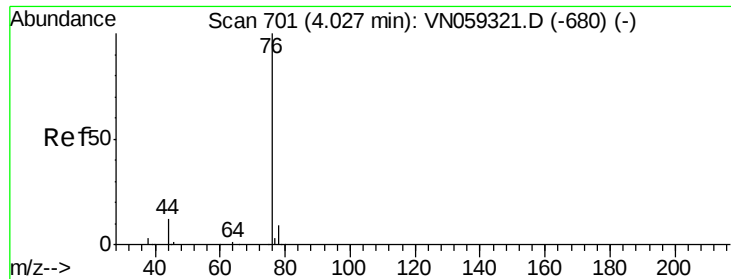
Tgt Ion: 41 Resp: 19355
 Ion Ratio Lower Upper
 41 100
 39 1.0 48.4 72.6#
 76 0.0 26.2 39.4#



#16
 Acetone
 Concen: 9.840 ug/l
 RT: 3.79 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

Tgt Ion: 43 Resp: 19349
 Ion Ratio Lower Upper
 43 100
 58 30.8 25.8 38.6





#17

Carbon Disulfide

Concen: 0.471 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

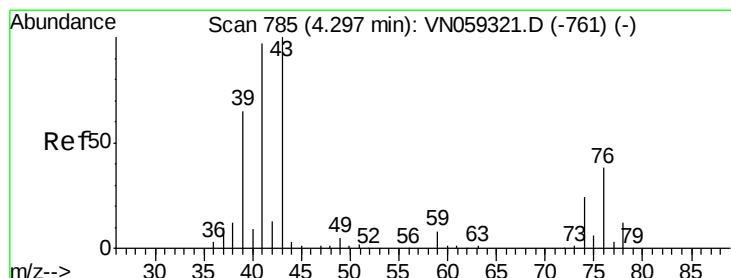
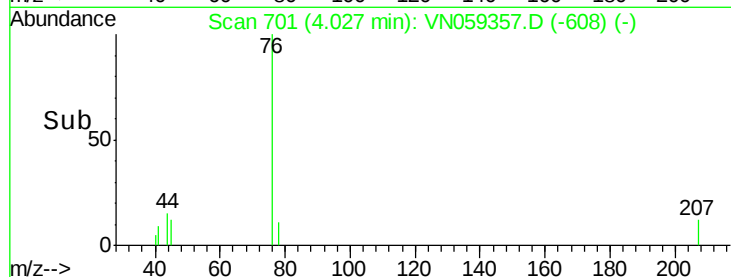
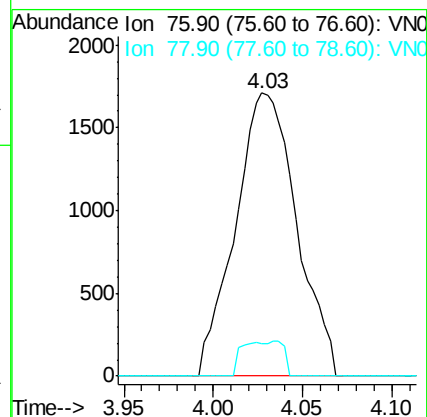
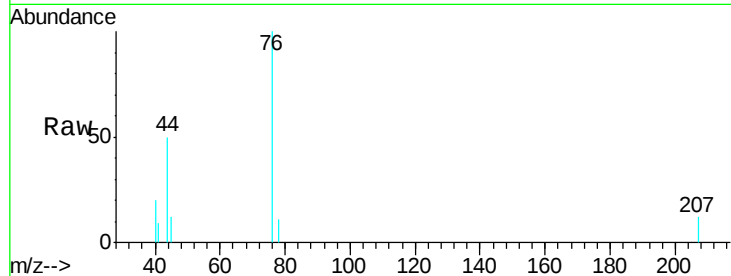
TP-1

Tgt Ion: 76 Resp: 4098

Ion Ratio Lower Upper

76 100

78 11.3 7.2 10.8#



#18

Methyl Acetate

Concen: 0.561 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN059357.D

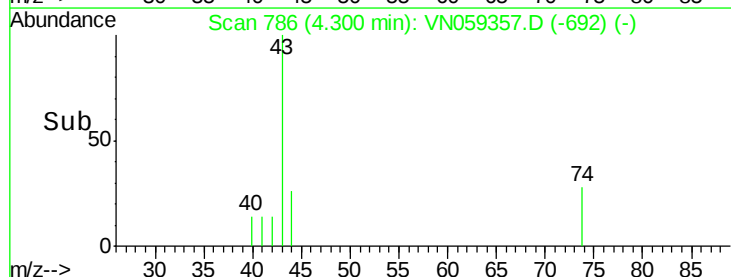
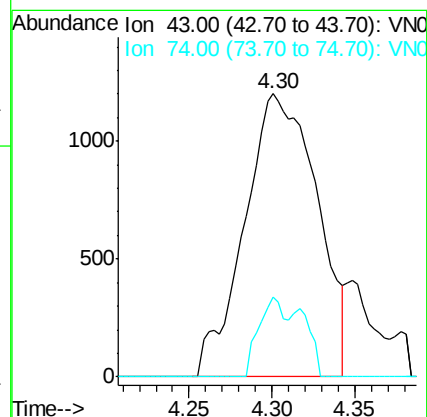
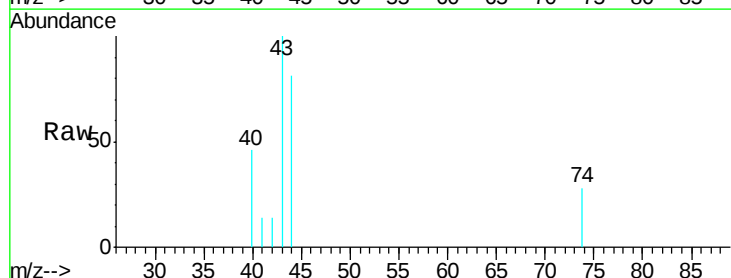
Acq: 22 Nov 2019 12:29

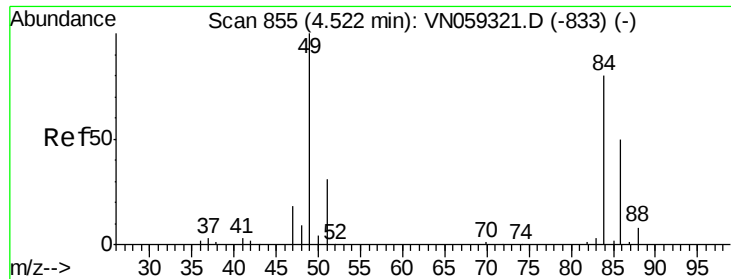
Tgt Ion: 43 Resp: 3659

Ion Ratio Lower Upper

43 100

74 10.6 18.1 27.1#

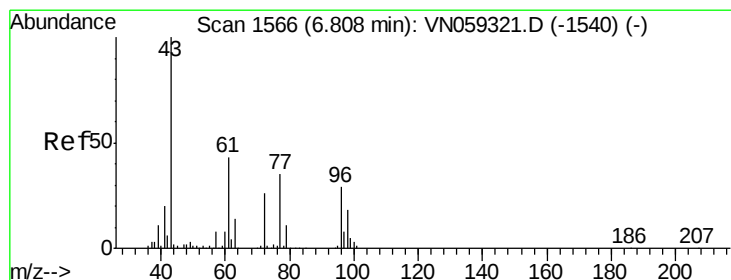
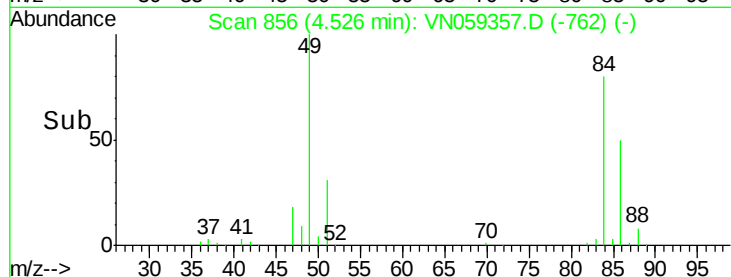
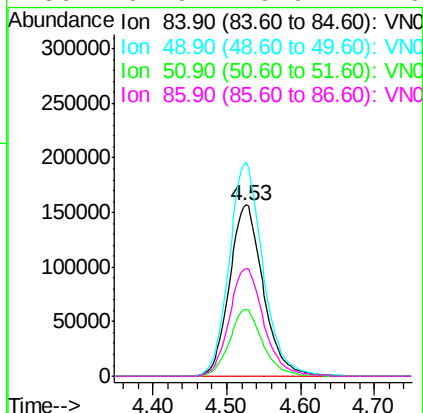
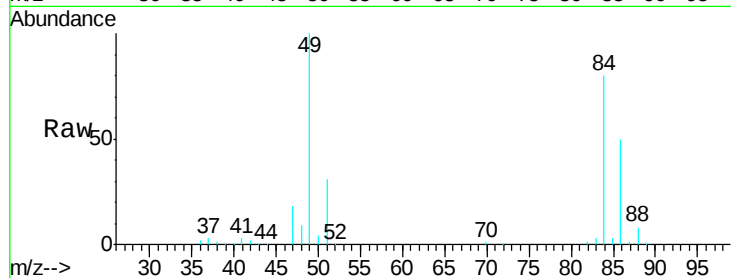




#20
Methylene Chloride
Concen: 113.028 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059357.D
Acq: 22 Nov 2019 12:29

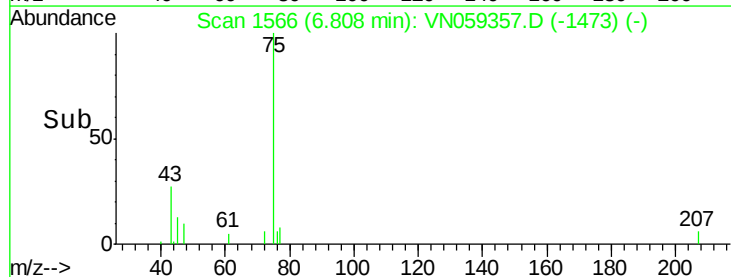
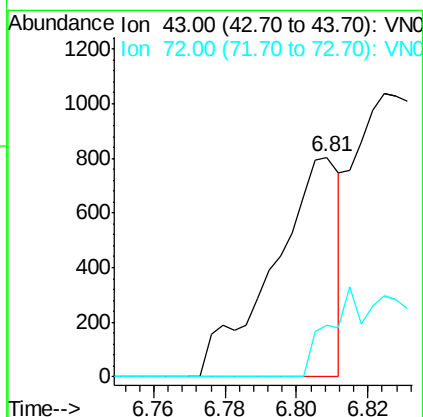
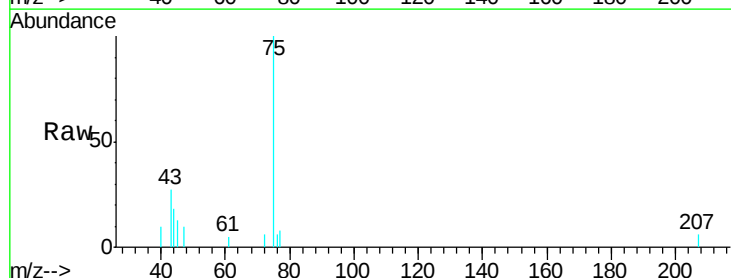
Instrument :
MSVOA_N
ClientSampleId :
TP-1

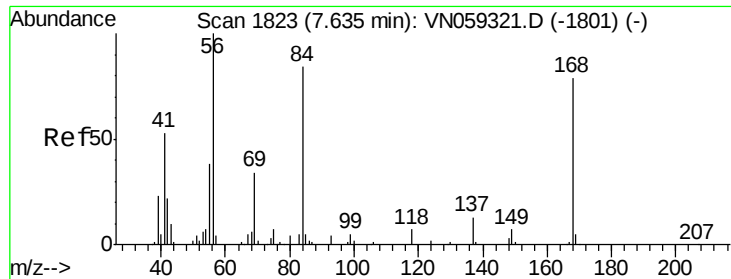
Tgt Ion:	84	Resp:	501285
Ion	Ratio	Lower	Upper
84	100		
49	124.6	99.5	149.3
51	39.2	31.1	46.7
86	62.9	49.9	74.9



#25
2-Butanone
Concen: 0.338 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN059357.D
Acq: 22 Nov 2019 12:29

Tgt Ion:	43	Resp:	1034
Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.5	30.7

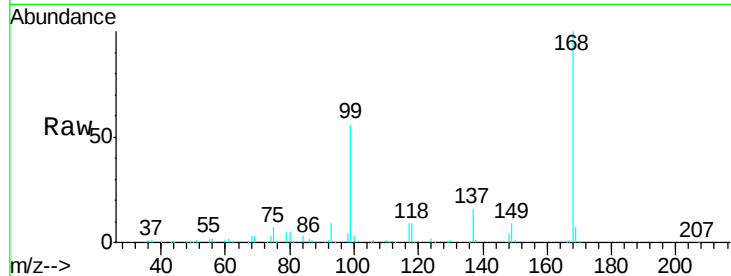




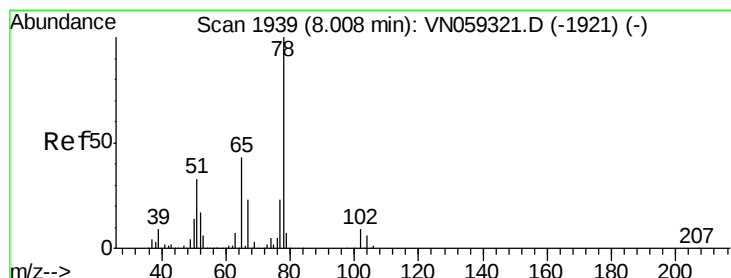
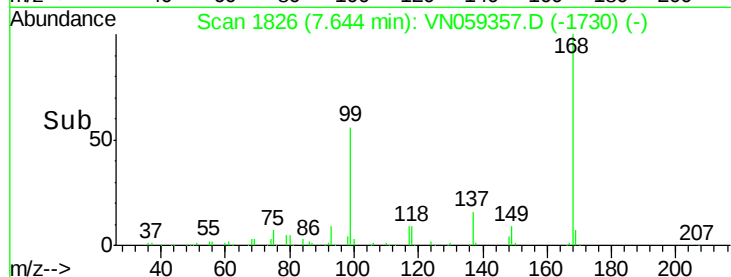
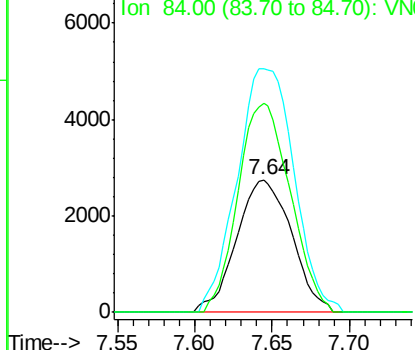
#31
Cyclohexane
Concen: 0.878 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059357.D
Acq: 22 Nov 2019 12:29

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tgt Ion: 56 Resp: 6777
Ion Ratio Lower Upper
56 100
69 184.0 26.6 40.0#
84 157.8 67.0 100.4#

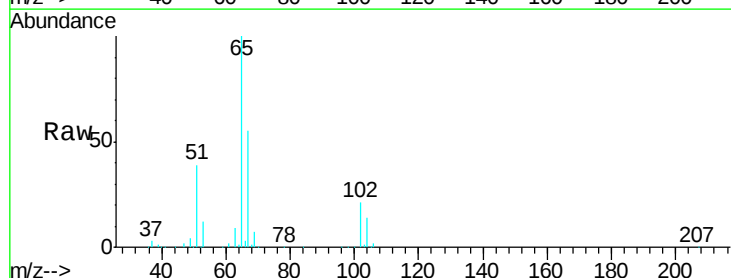


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

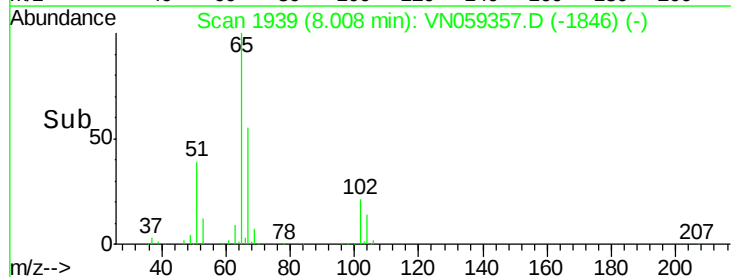
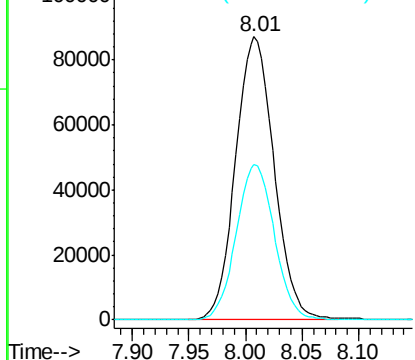


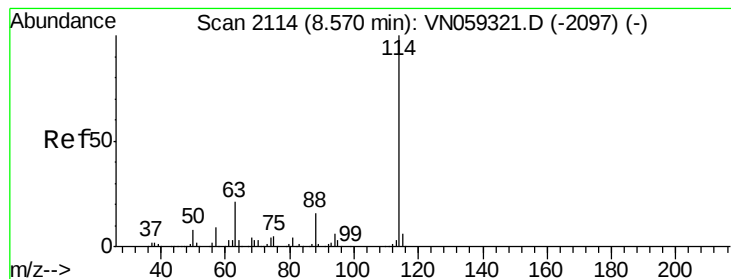
#33
1,2-Dichloroethane-d4
Concen: 47.128 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN059357.D
Acq: 22 Nov 2019 12:29

Tgt Ion: 65 Resp: 206689
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1

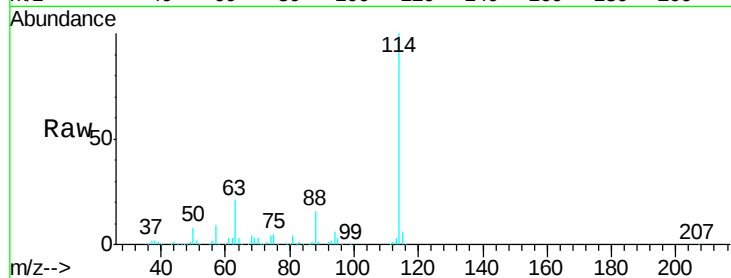
Tgt Ion:114 Resp: 560156

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

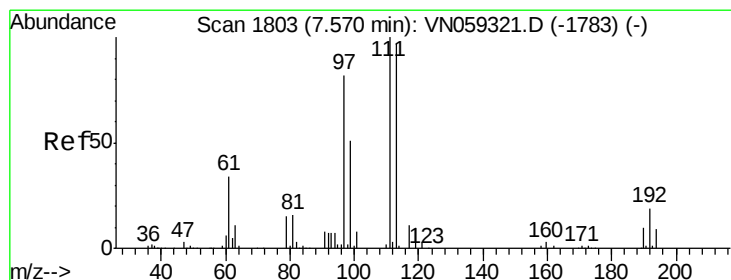
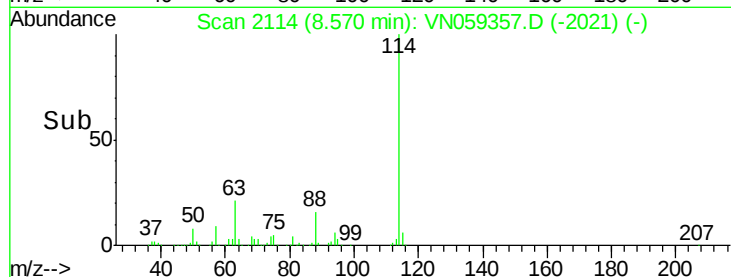
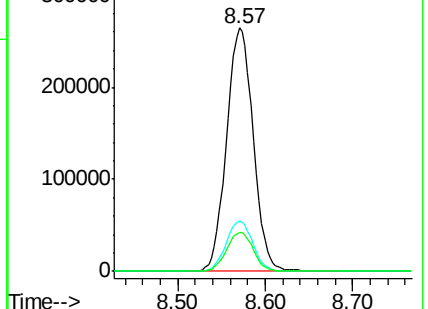
88 16.2 0.0 32.2



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: 49.422 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

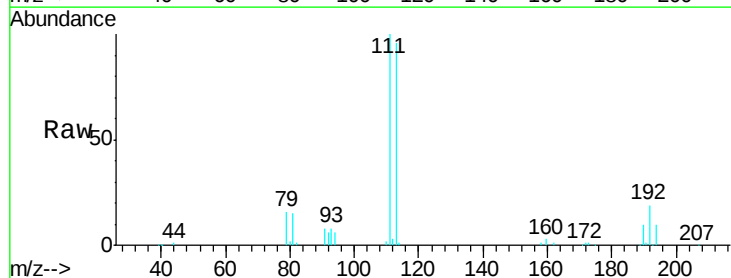
Tgt Ion:113 Resp: 166089

Ion Ratio Lower Upper

113 100

111 101.0 82.7 124.1

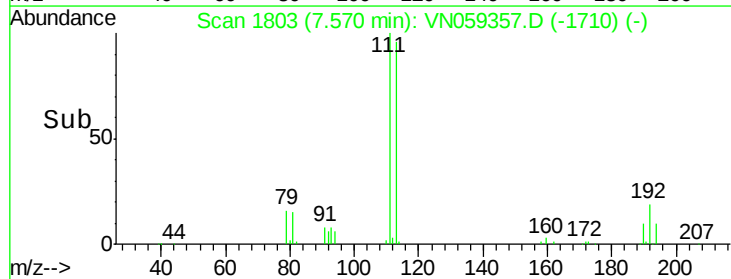
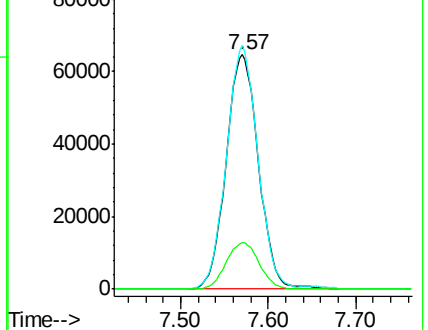
192 20.3 16.3 24.5

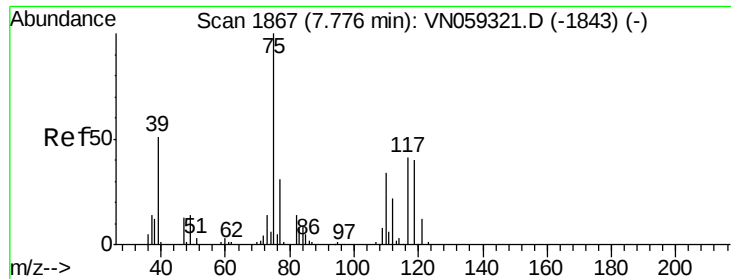


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

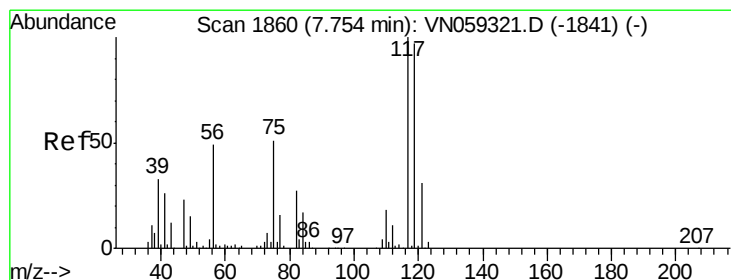
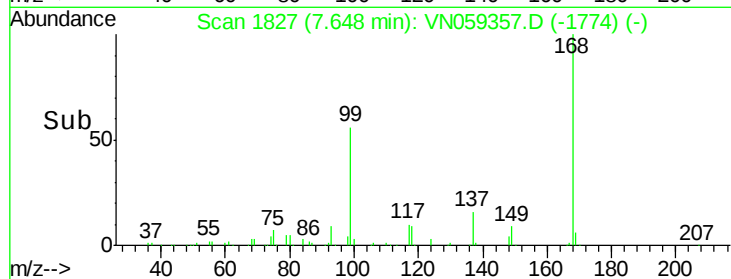
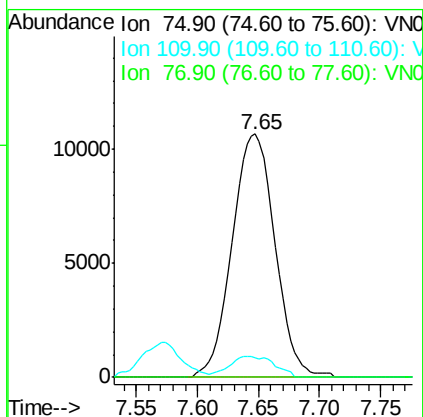
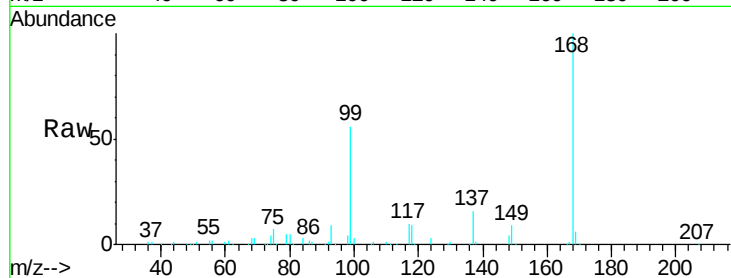




#36
 1,1-Dichloropropene
 Concen: 4.487 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

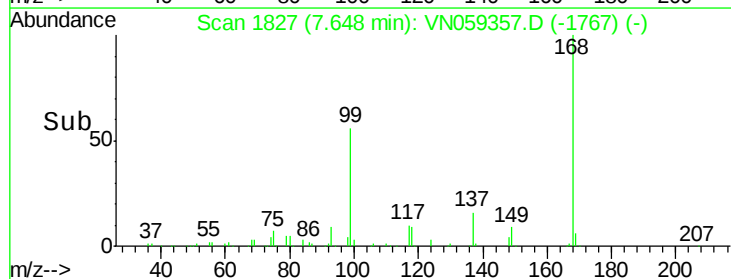
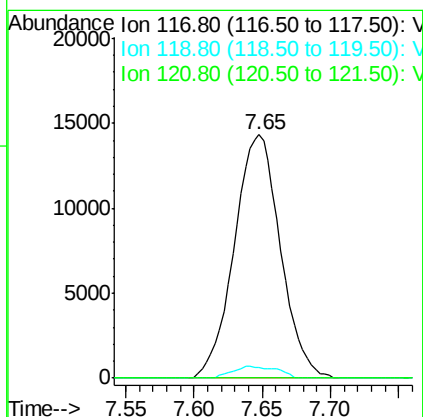
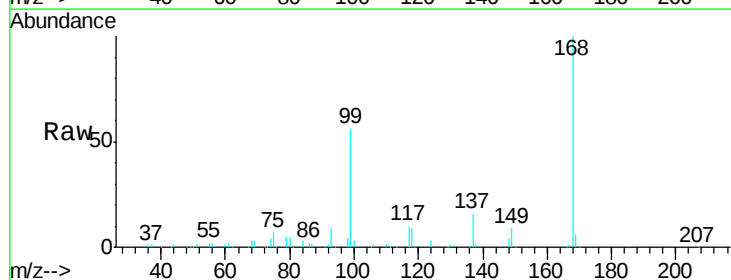
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

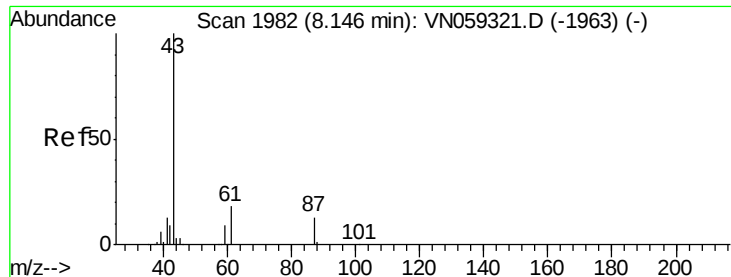
Tgt Ion: 75 Resp: 25948
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.0 51.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.066 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

Tgt Ion: 117 Resp: 33579
 Ion Ratio Lower Upper
 117 100
 119 4.2 77.0 115.4#
 121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 9.907 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampled :

TP-1

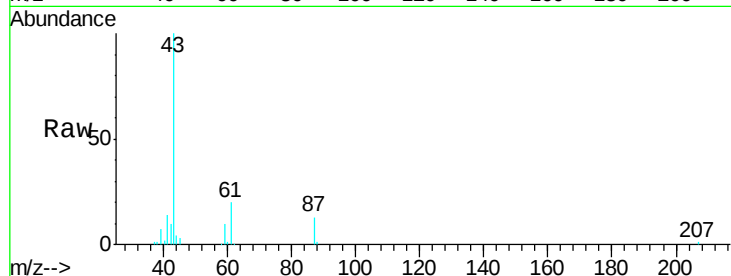
Tgt Ion: 43 Resp: 94099

Ion Ratio Lower Upper

43 100

61 20.1 21.7 32.5#

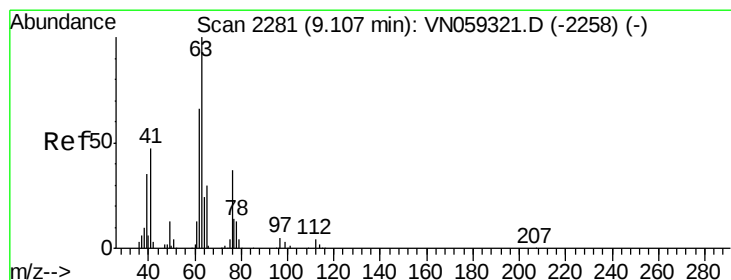
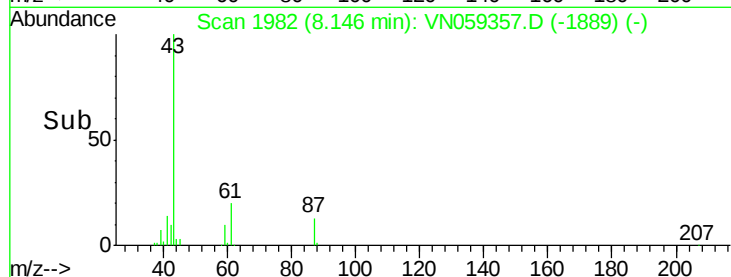
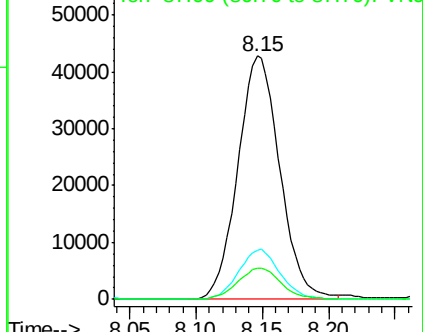
87 13.1 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.413 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN059357.D

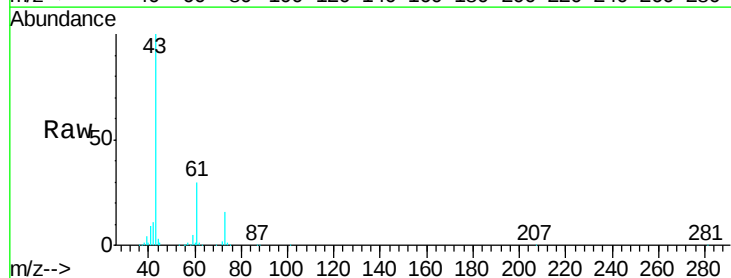
Acq: 22 Nov 2019 12:29

Tgt Ion: 63 Resp: 1869

Ion Ratio Lower Upper

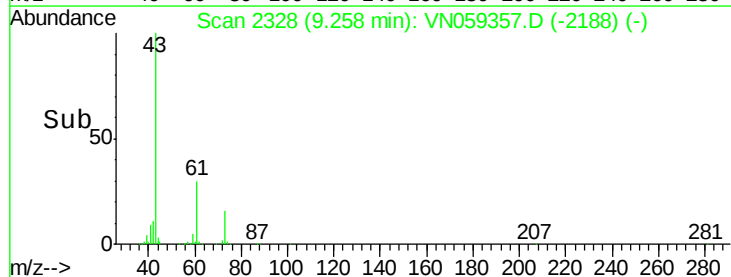
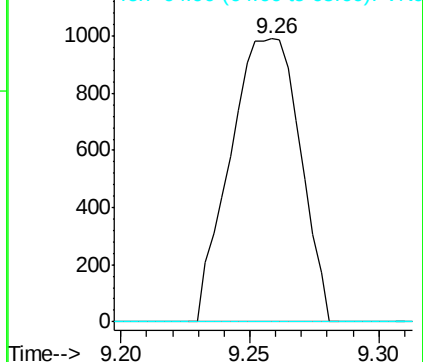
63 100

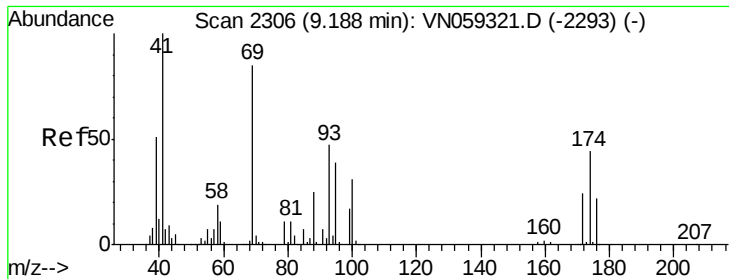
65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

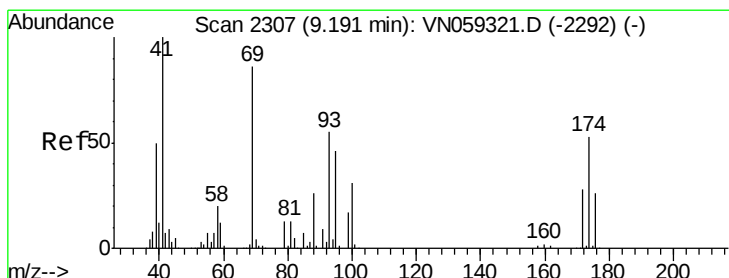
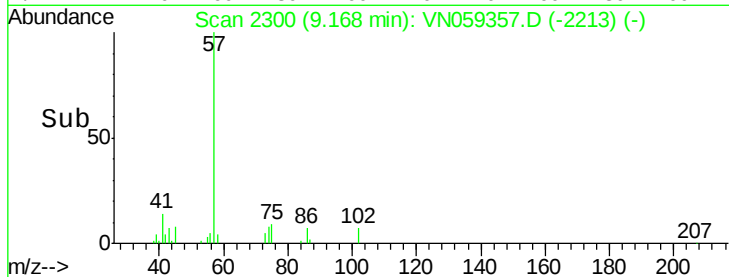
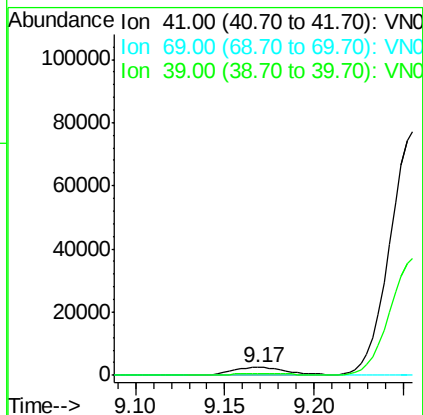
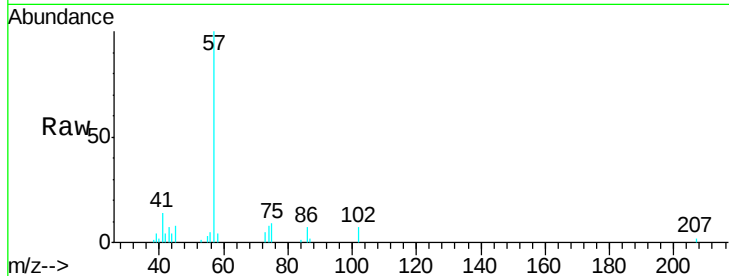




#48
Methyl methacrylate
Concen: 1.311 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059357.D
Acq: 22 Nov 2019 12:29

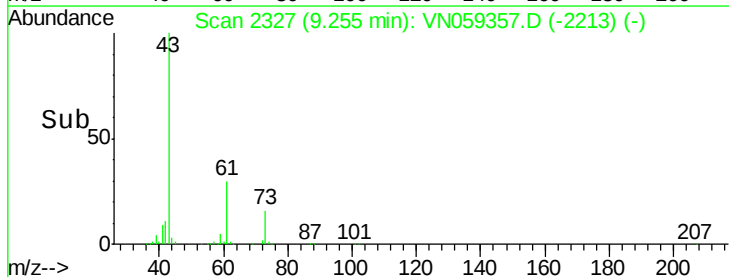
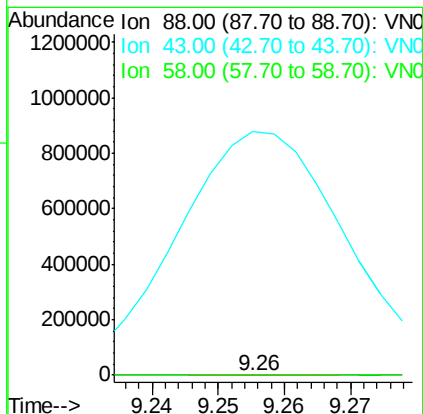
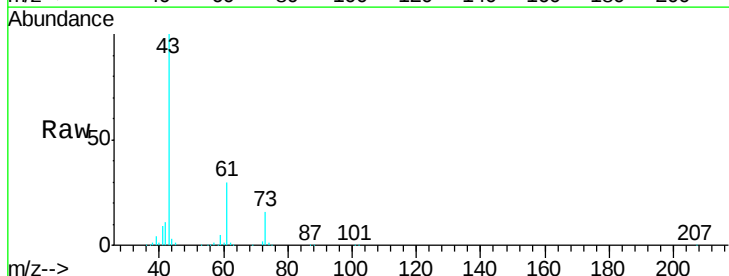
Instrument :
MSVOA_N
ClientSampled :
TP-1

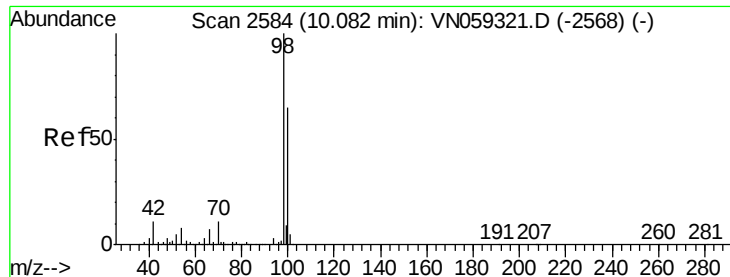
Tgt Ion: 41 Resp: 5661
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 0.0 42.1 63.1#



#49
1,4-Dioxane
Concen: 2.311 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.07 min
Lab File: VN059357.D
Acq: 22 Nov 2019 12:29

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
43 1088856.0 26.9 40.3#
58 4276.0 59.2 88.8#





#50

Toluene-d8

Concen: 50.821 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampled :

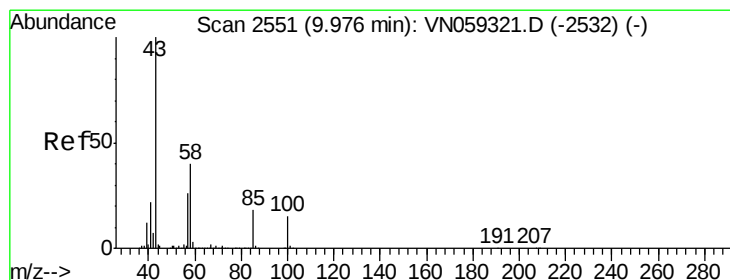
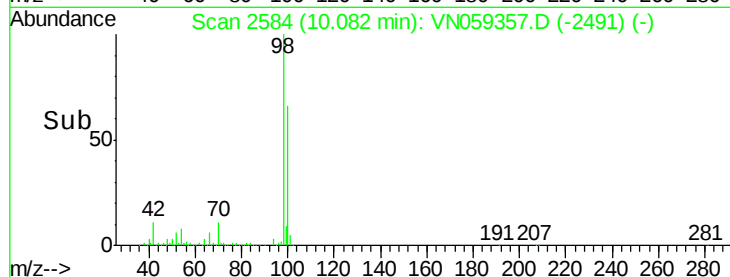
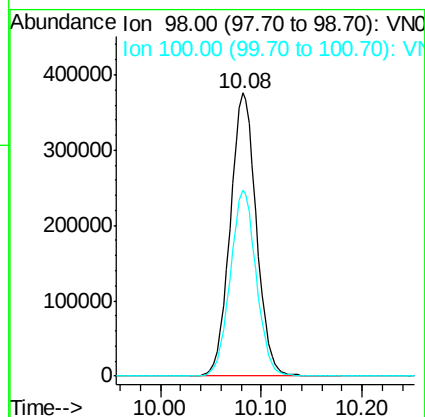
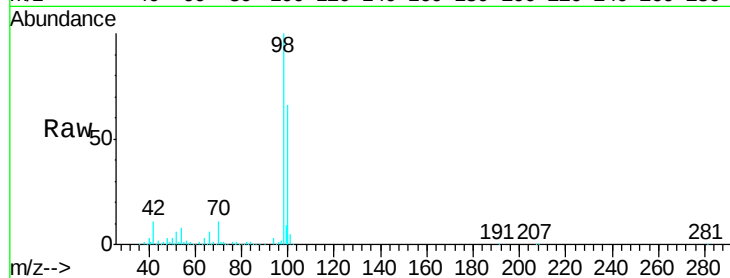
TP-1

Tgt Ion: 98 Resp: 678963

Ion Ratio Lower Upper

98 100

100 65.4 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 1.156 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN059357.D

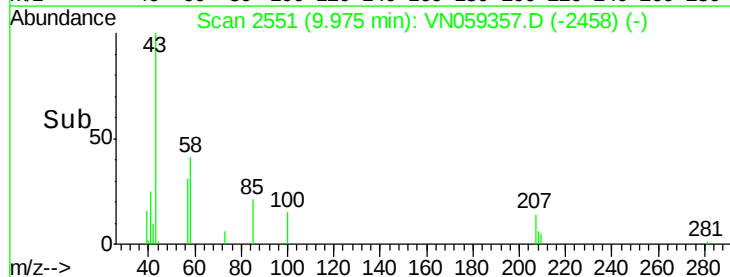
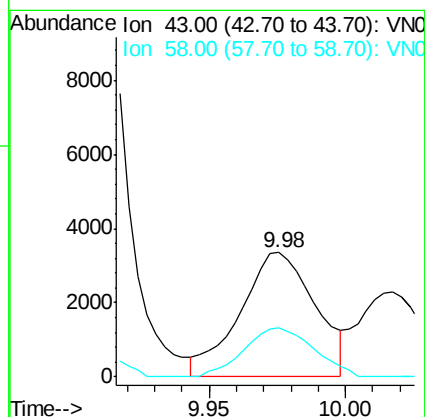
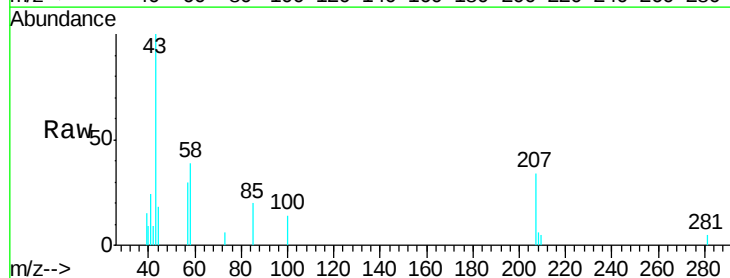
Acq: 22 Nov 2019 12:29

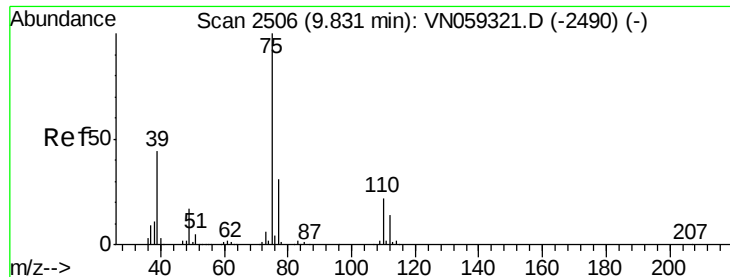
Tgt Ion: 43 Resp: 6428

Ion Ratio Lower Upper

43 100

58 36.8 31.8 47.8



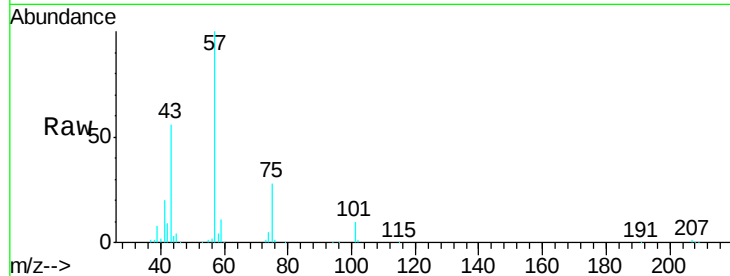


#54

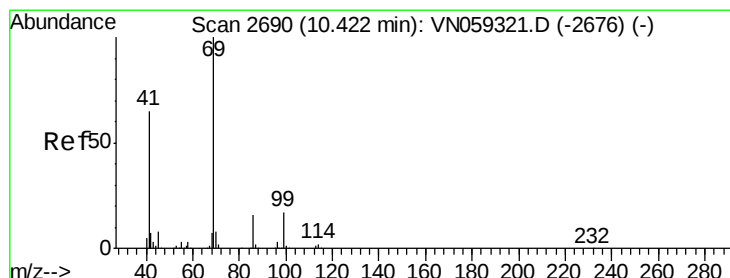
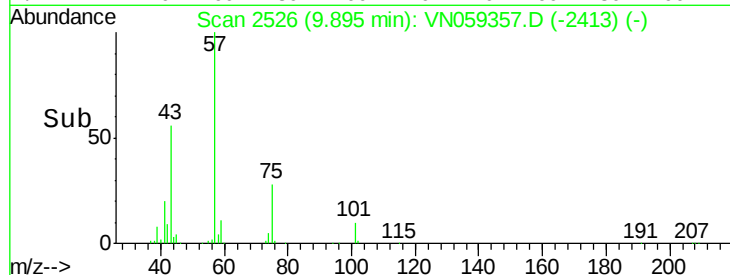
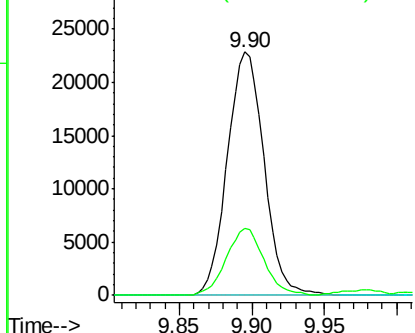
cis-1,3-Dichloropropene
 Concen: 5.722 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.06 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tgt Ion: 75 Resp: 40128
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 27.4 35.5 53.3#



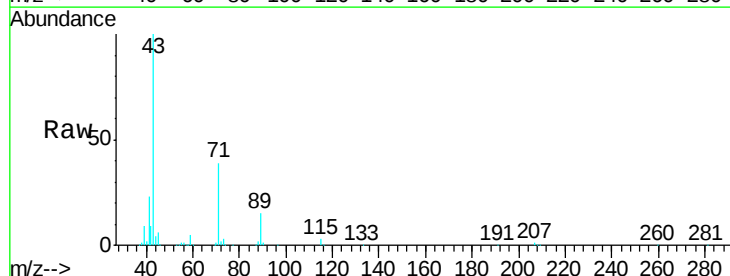
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



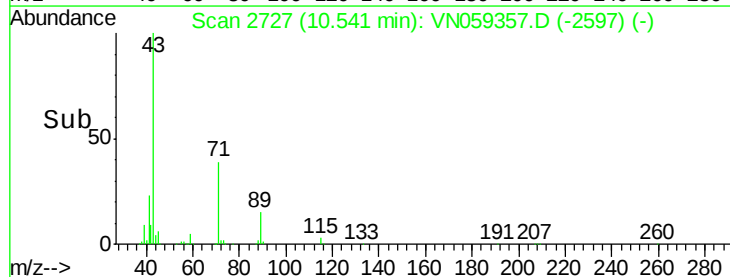
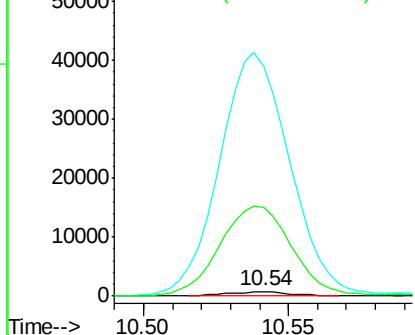
#56

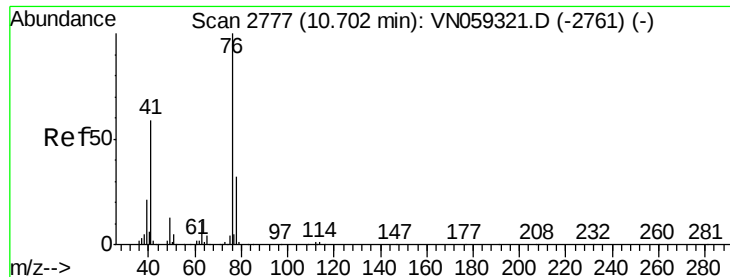
Ethyl methacrylate
 Concen: 2.350 ug/l
 RT: 10.54 min Scan# 2727
 Delta R.T. 0.12 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

Tgt Ion: 69 Resp: 1102
 Ion Ratio Lower Upper
 69 100
 41 6383.2 51.7 77.5#
 39 2424.0 25.2 37.8#



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

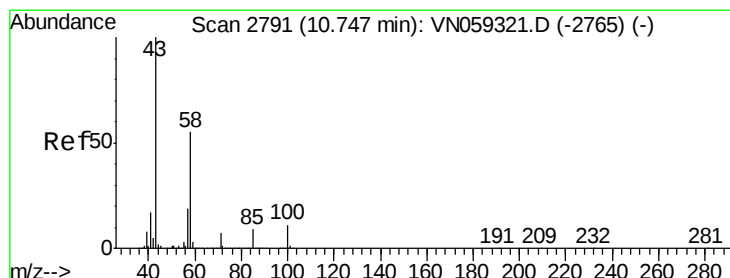
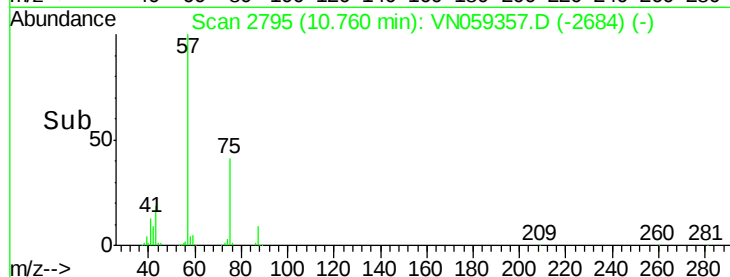
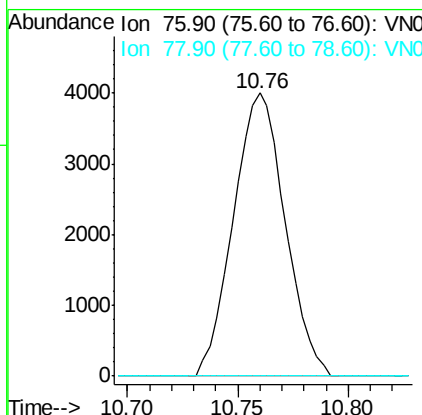
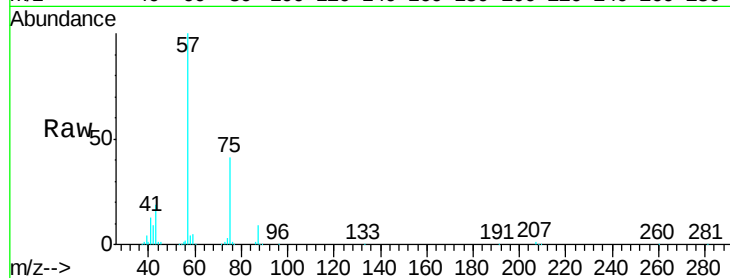




#57
 1,3-Dichloropropane
 Concen: 0.939 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

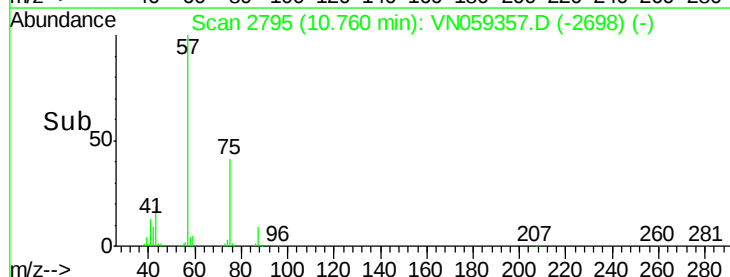
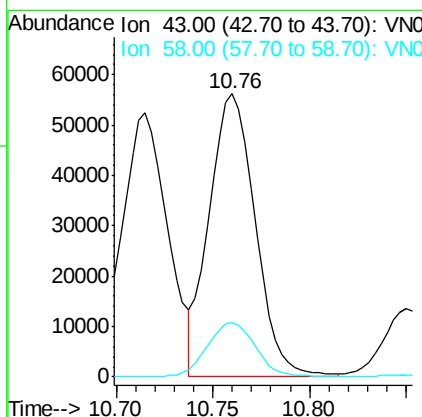
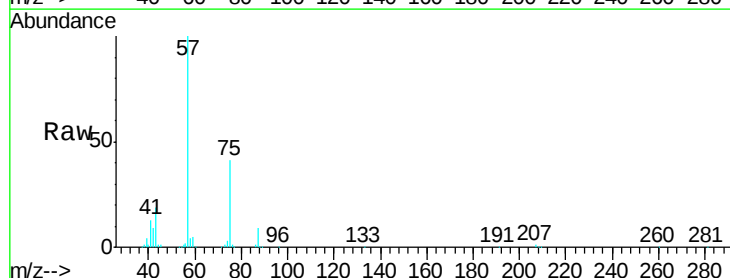
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

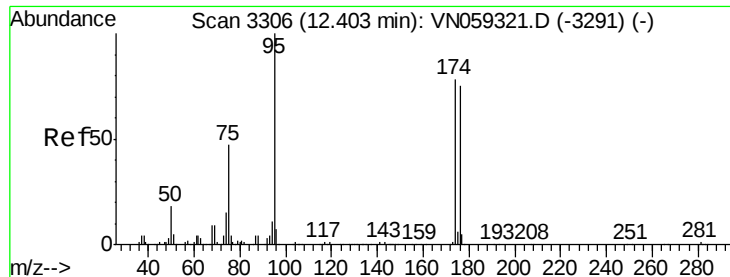
Tgt Ion: 76 Resp: 6494
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 22.748 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

Tgt Ion: 43 Resp: 92606
 Ion Ratio Lower Upper
 43 100
 58 20.3 27.7 83.0#





#62

4-Bromofluorobenzene

Concen: 46.303 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1

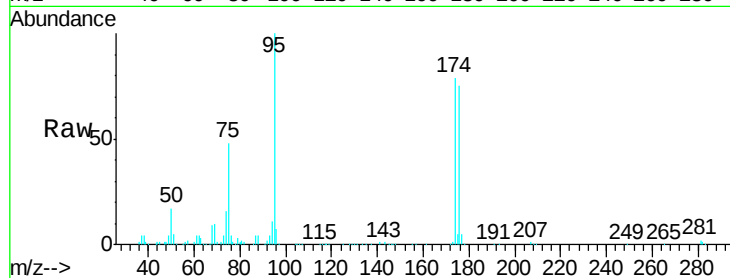
Tgt Ion: 95 Resp: 216297

Ion Ratio Lower Upper

95 100

174 79.2 0.0 157.4

176 76.4 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN059321.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059321.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059321.D (-3291) (-)

12.40

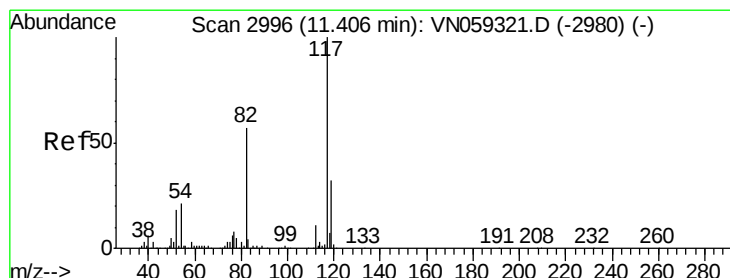
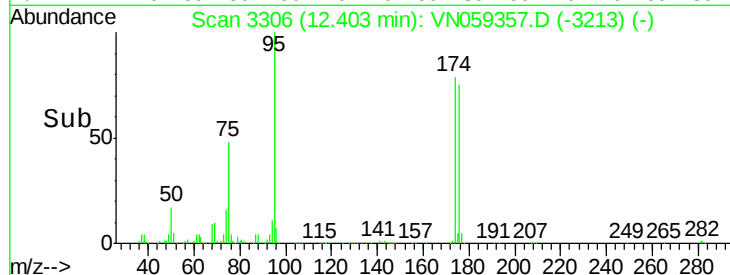
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

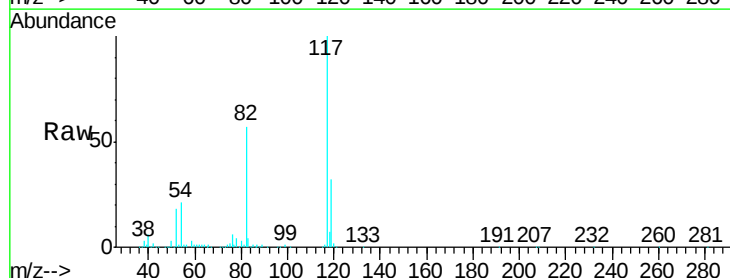
Tgt Ion: 117 Resp: 485752

Ion Ratio Lower Upper

117 100

82 56.8 45.7 68.5

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059321.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059321.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059321.D (-2980) (-)

11.40

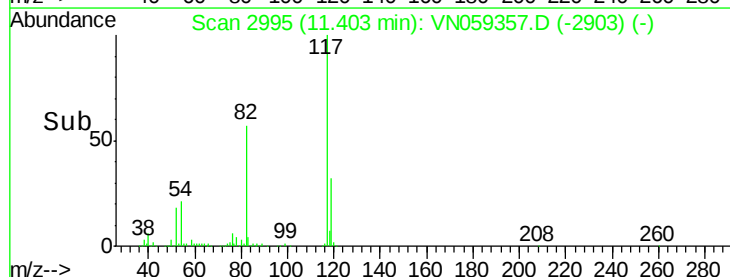
300000

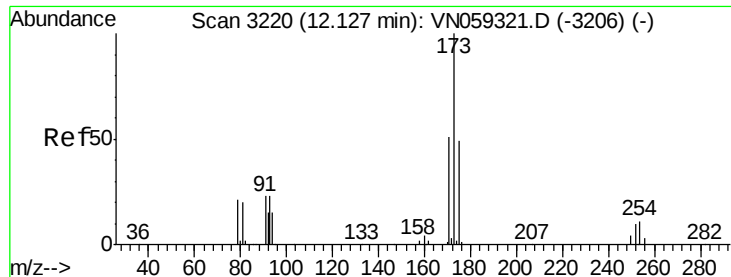
200000

100000

0

Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 0.396 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampled :

TP-1

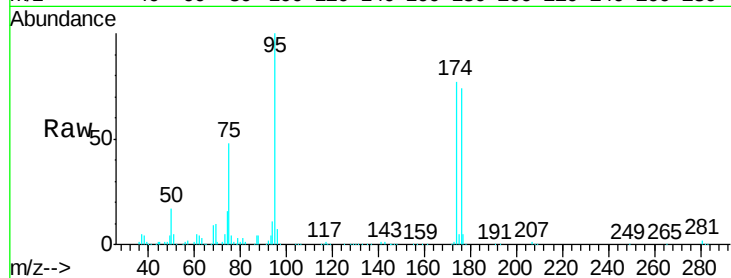
Tgt Ion:173 Resp: 1138

Ion Ratio Lower Upper

173 100

175 863.7 24.6 73.6#

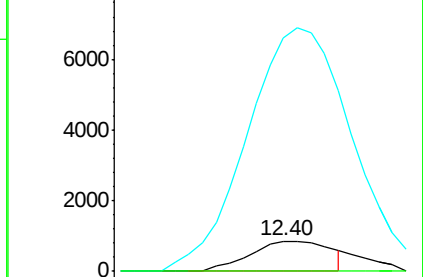
254 0.0 0.1 0.1#



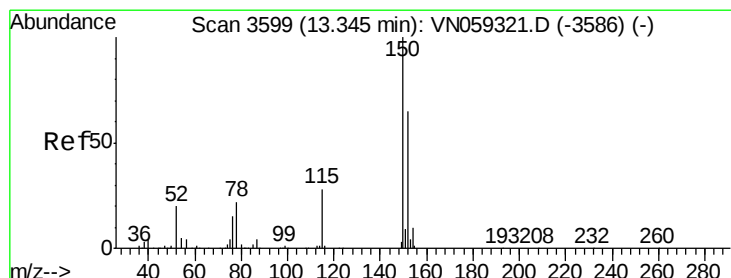
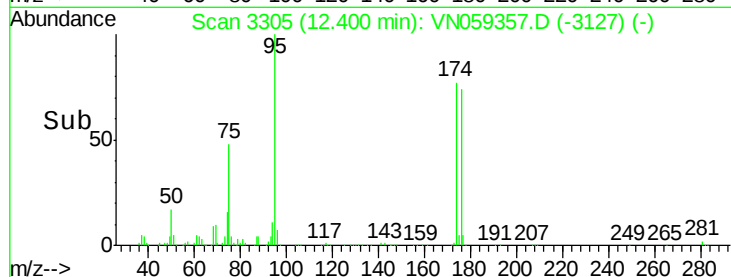
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time--> 12.36 12.38 12.40 12.42



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

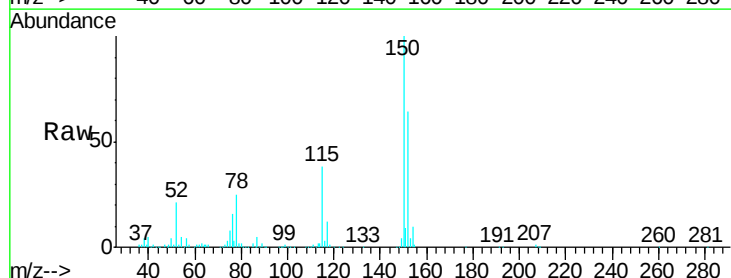
Tgt Ion:152 Resp: 180416

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

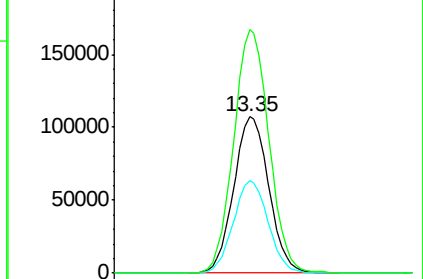
150 157.0 0.0 346.0



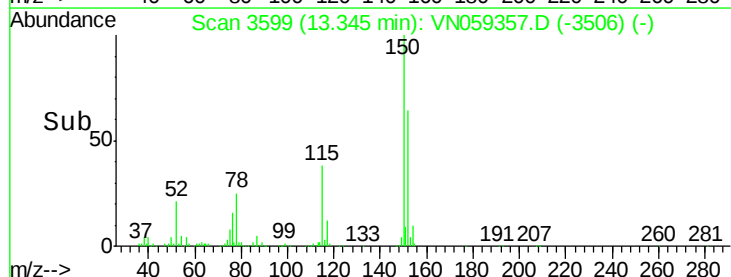
Abundance Ion 151.90 (151.60 to 152.60): V

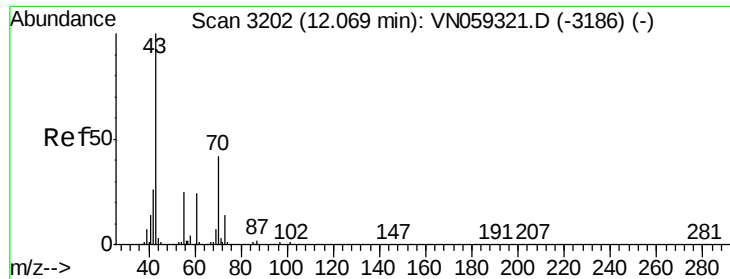
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time--> 13.30 13.35 13.40





#74

N-ethyl acetate

Concen: 0.473 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1

Tgt Ion: 43 Resp: 2812

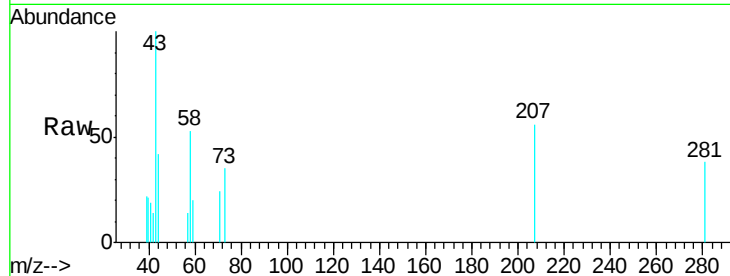
Ion Ratio Lower Upper

43 100

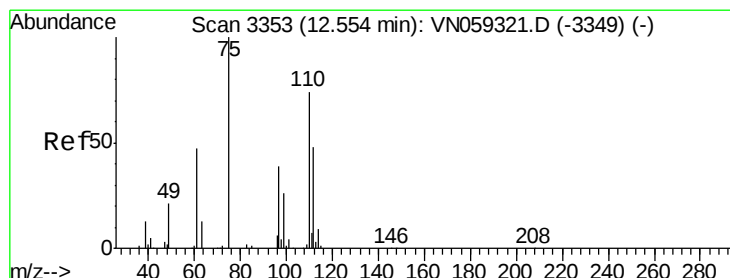
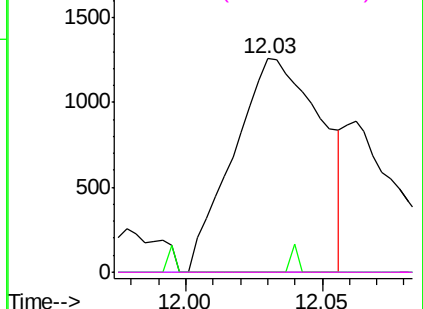
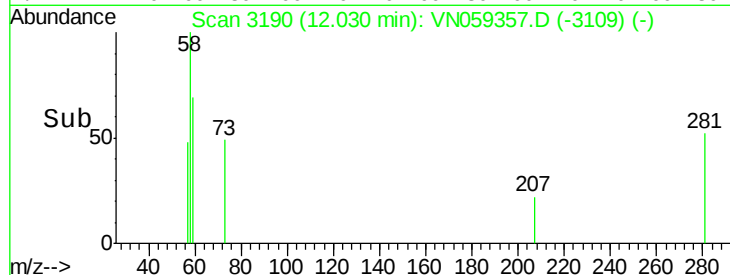
70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 70.00 (69.70 to 70.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 25.062 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059357.D

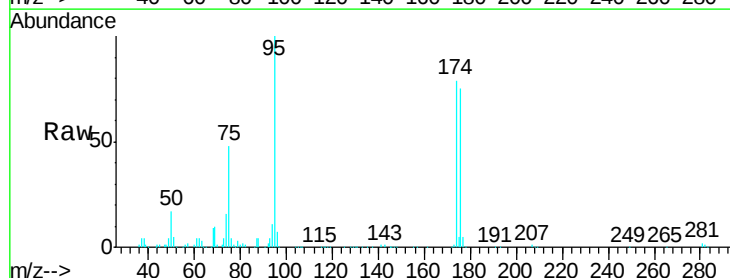
Acq: 22 Nov 2019 12:29

Tgt Ion: 75 Resp: 104458

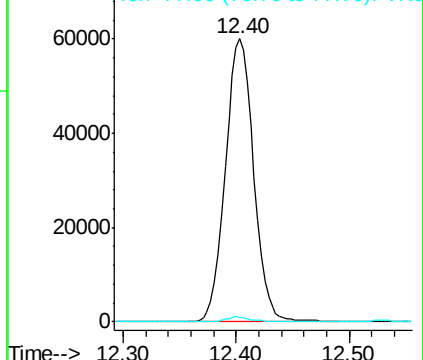
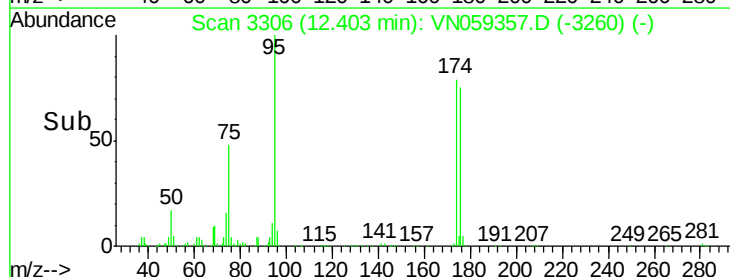
Ion Ratio Lower Upper

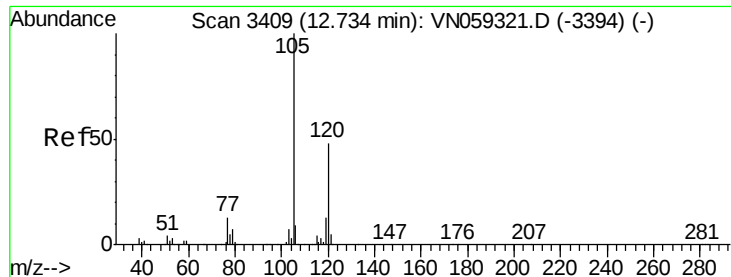
75 100

77 1.5 0.0 0.0#



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





#80

1,3,5-Trimethylbenzene

Concen: 0.351 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampled :

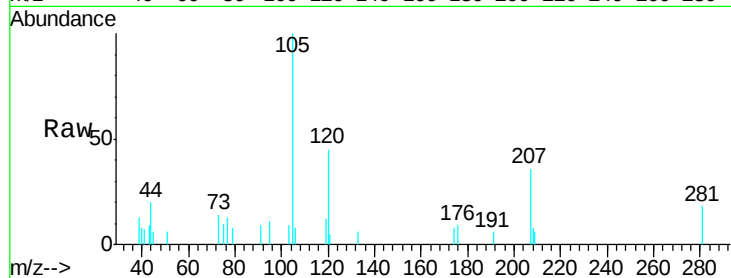
TP-1

Tgt Ion: 105 Resp: 4357

Ion Ratio Lower Upper

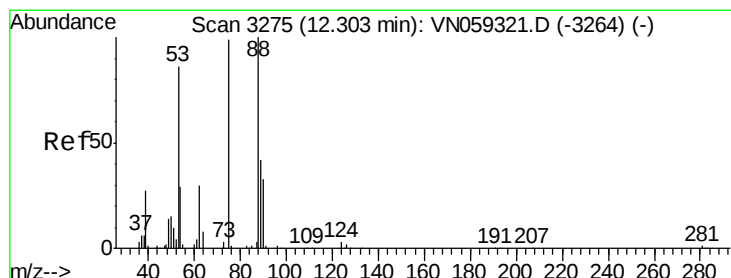
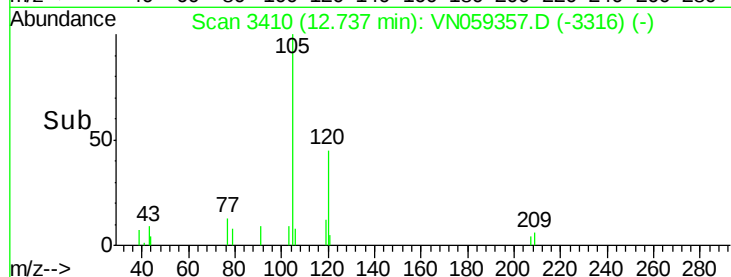
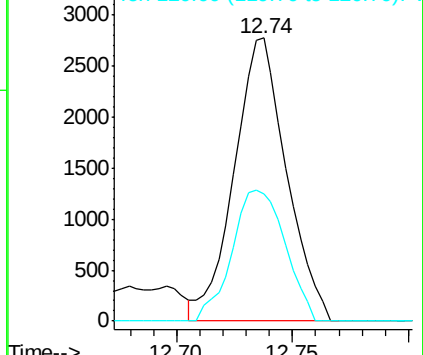
105 100

120 46.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 62.683 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

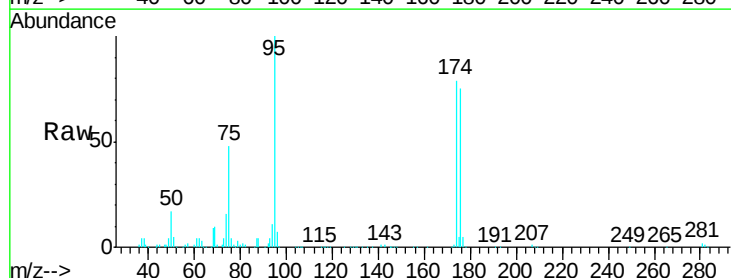
Tgt Ion: 75 Resp: 104458

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

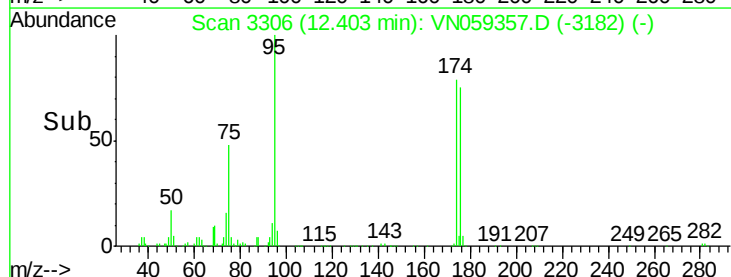
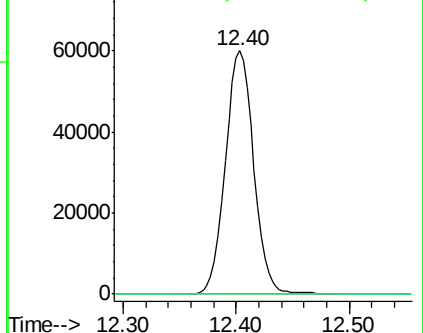
89 0.0 35.4 53.0#

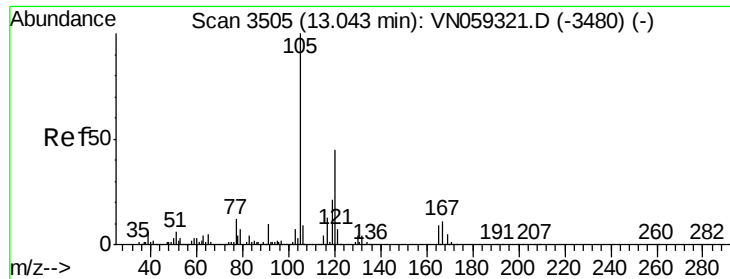


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

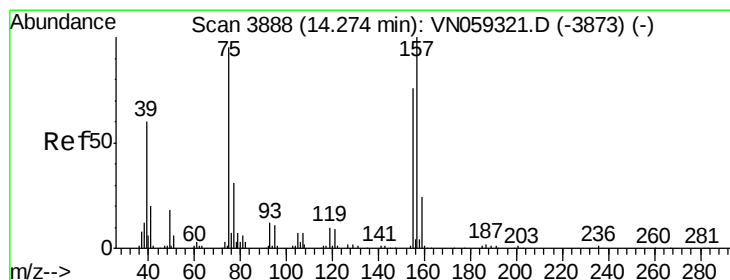
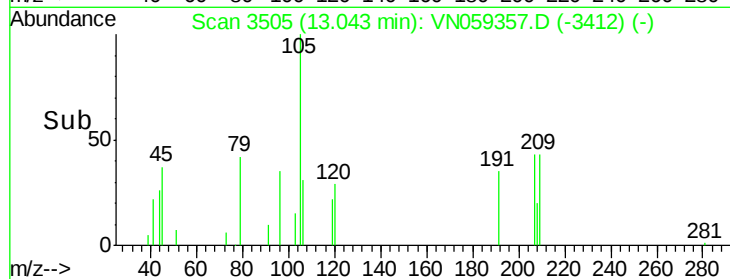
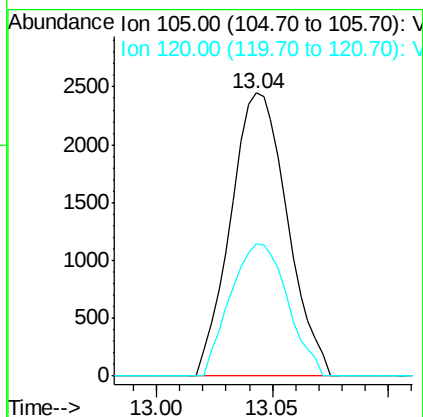
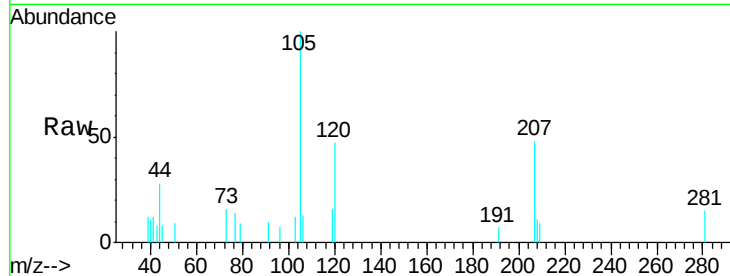




#84
 1,2,4-Trimethylbenzene
 Concen: 0.342 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

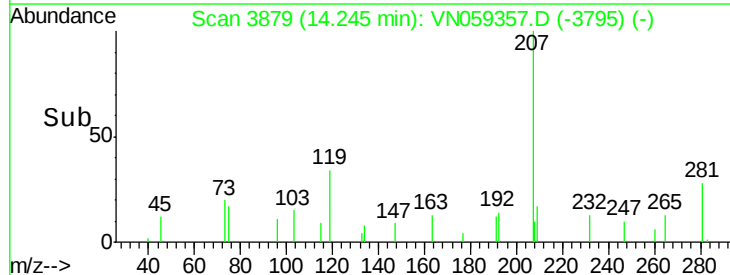
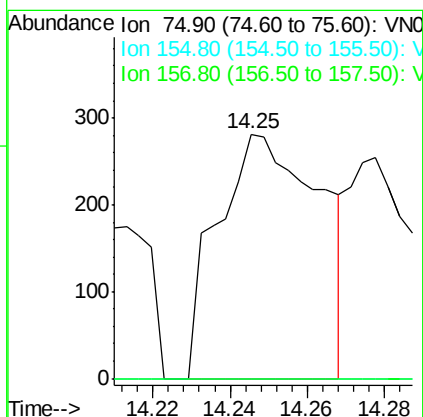
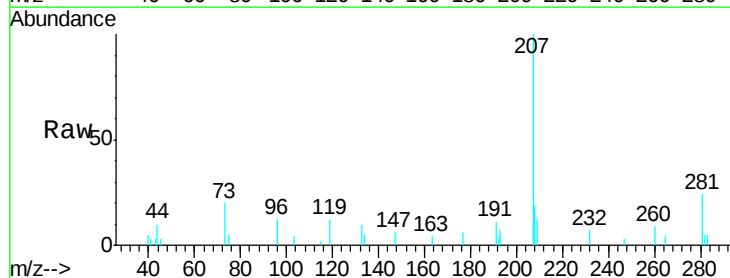
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

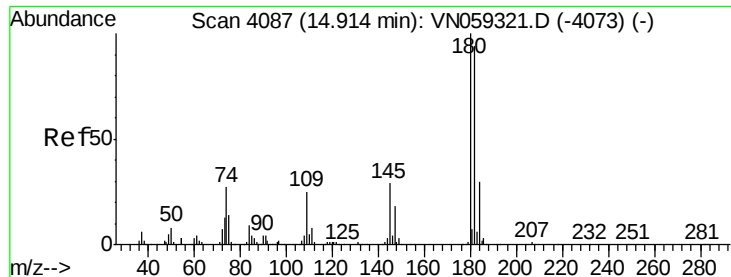
Tgt Ion: 105 Resp: 4158
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.6 67.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.496 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.03 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

Tgt Ion: 75 Resp: 516
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.5 121.5#
 157 0.0 52.7 158.1#





#93

1,2,4-Trichlorobenzene

Concen: 3.183 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

Instrument :

MSVOA_N

ClientSampled :

TP-1

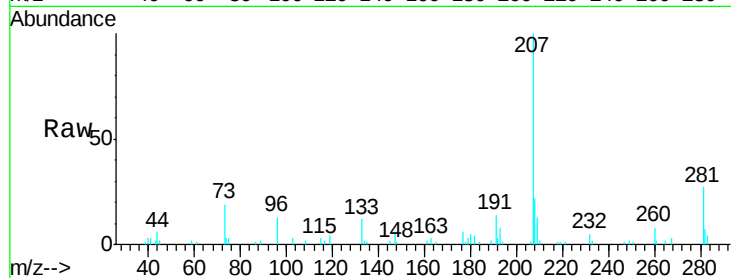
Tgt Ion:180 Resp: 998

Ion Ratio Lower Upper

180 100

182 91.3 47.2 141.6

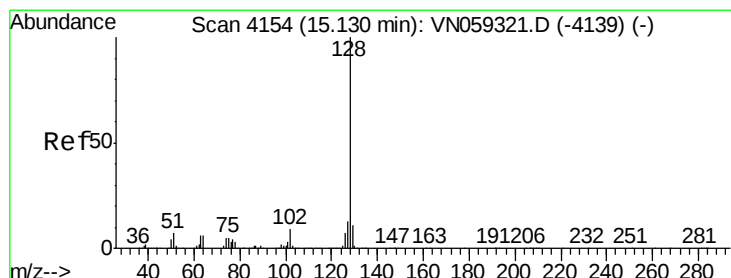
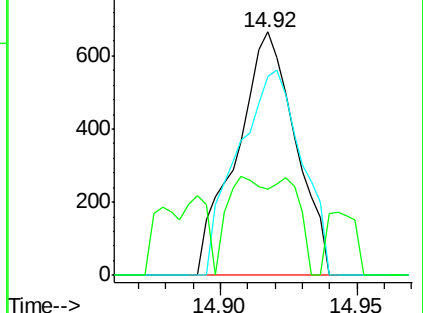
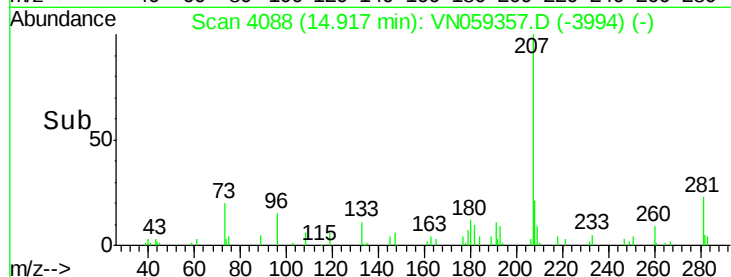
145 27.4 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 3.684 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059357.D

Acq: 22 Nov 2019 12:29

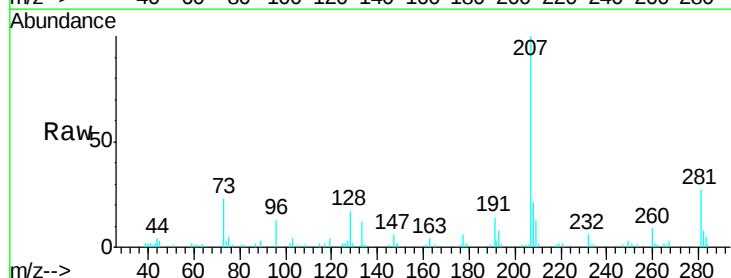
Tgt Ion:128 Resp: 5852

Ion Ratio Lower Upper

128 100

127 14.9 10.2 15.2

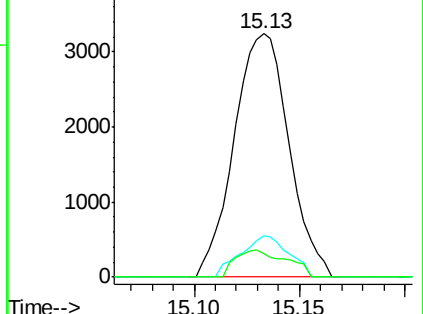
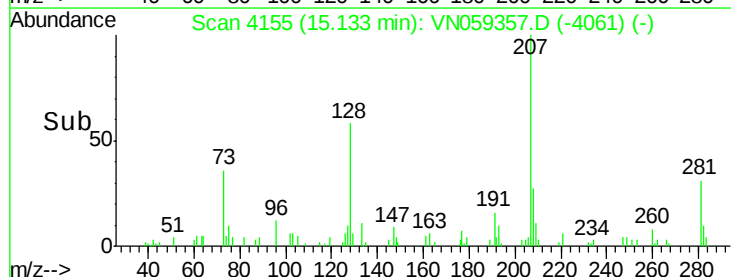
129 10.4 8.6 13.0

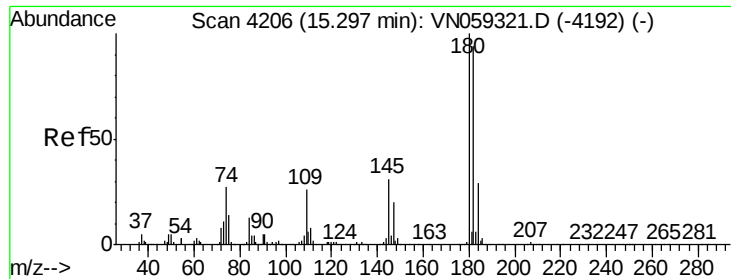


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

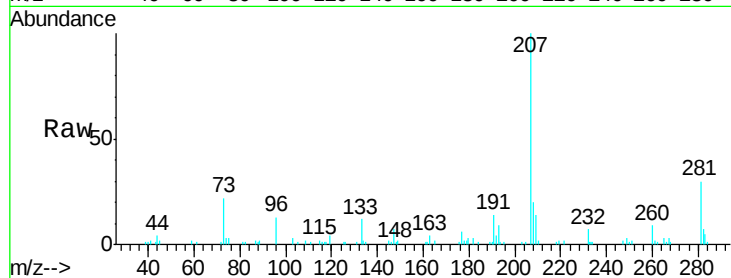




#96
 1,2,3-Trichlorobenzene
 Concen: 2.246 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN059357.D
 Acq: 22 Nov 2019 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	74.5	47.1	141.4
145	10.8	15.6	46.8



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

