

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059269.D
 Acq On : 15 Nov 2019 16:25
 Operator : JC/SP
 Sample : K5857-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:32:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	472585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	736029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	640218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	275857	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	280012	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
35) Dibromofluoromethane	7.57	113	218206	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	10.08	98	885917	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	300260	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1449	0.224	ug/l #	73
11) Tert butyl alcohol	4.77	59	113883	102.864	ug/l	99
13) Acrolein	3.59	56	2707	4.742	ug/l #	60
14) Allyl chloride	4.16	41	20275769	2239.031	ug/l #	57
16) Acetone	3.79	43	7829943	2591.888	ug/l #	73
18) Methyl Acetate	4.17	43	28308873	3947.971	ug/l #	53
23) Vinyl Acetate	6.01	43	15499	1.169	ug/l #	74
25) 2-Butanone	6.81	43	266867	67.028	ug/l	99
29) Tetrahydrofuran	7.18	42	2354	0.931	ug/l #	67
31) Cyclohexane	7.64	56	8749	0.967	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	34319	4.988	ug/l #	49
37) Ethyl Acetate	6.81	43	266867	34.869	ug/l #	69
38) Carbon Tetrachloride	7.64	117	43775	6.393	ug/l #	17
40) Benzene	8.02	78	24104	1.163	ug/l	96
41) Methacrylonitrile	7.18	41	9559	2.872	ug/l #	100
43) Isopropyl Acetate	8.15	43	208052	17.051	ug/l #	91
48) Methyl methacrylate	9.15	41	60287	11.046	ug/l #	40
49) 1,4-Dioxane	9.19	88	754	7.774	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	4129	0.598	ug/l	96
52) Toluene	10.14	92	20793	1.675	ug/l	97
56) Ethyl methacrylate	10.36	69	534	1.935	ug/l #	25
59) 2-Hexanone	10.74	43	2773	0.523	ug/l	88
66) 1,1,1,2-Tetrachloroethane	11.54	131	4211	0.899	ug/l #	12
67) Ethyl Benzene	11.51	91	8487	0.383	ug/l	98
68) m/p-Xylenes	11.62	106	15979	1.926	ug/l	92
69) o-Xylene	11.95	106	6531	0.815	ug/l	99
70) Styrene	11.96	104	7329	0.581	ug/l	88
71) Bromoform	12.40	173	991	0.272	ug/l #	1
74) N-amyl acetate	12.03	43	12223	1.438	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	146594	23.342	ug/l #	100
78) n-propylbenzene	12.59	91	7359	0.320	ug/l #	53
81) trans-1,4-Dichloro-2-buten	12.40	75	146594	61.652	ug/l #	13
85) sec-Butylbenzene	13.26	105	6596	0.345	ug/l	97
86) p-Isopropyltoluene	13.26	119	4046	0.240	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
Data File : VN059269.D
Acq On : 15 Nov 2019 16:25
Operator : JC/SP
Sample : K5857-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 16 00:32:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

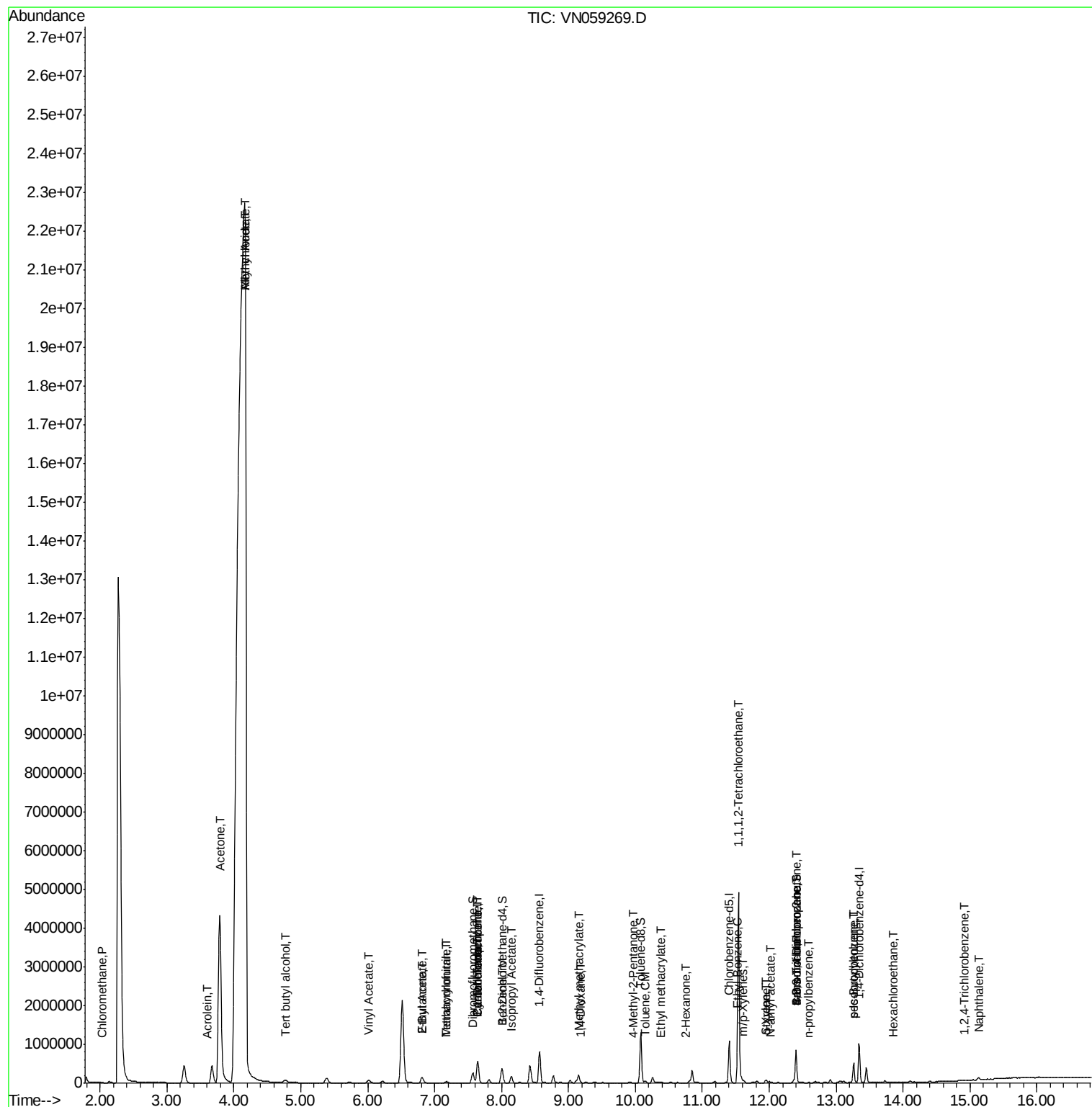
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.86	117	1896	0.560	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.91	180	395	3.118	ug/l #	33
95) Naphthalene	15.13	128	46072	6.072	ug/l #	97

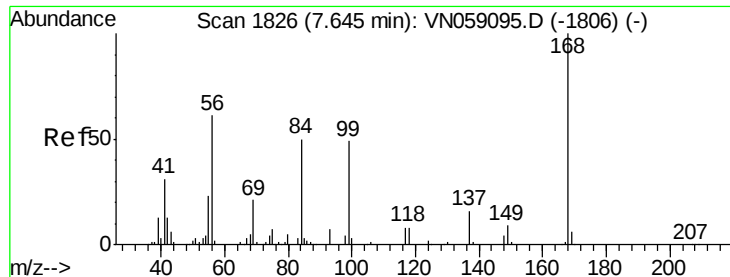
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
Data File : VN059269.D
Acq On : 15 Nov 2019 16:25
Operator : JC/SP
Sample : K5857-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 16 00:32:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

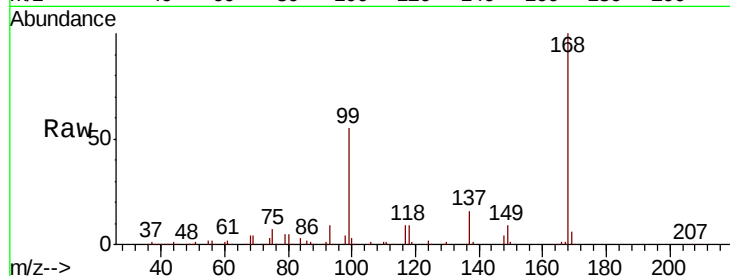
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 472585

Ion Ratio Lower Upper

168 100

99 55.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

150000

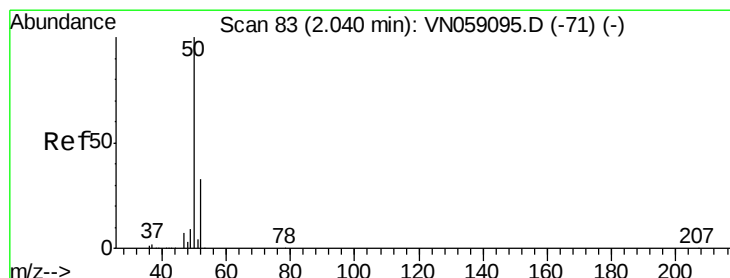
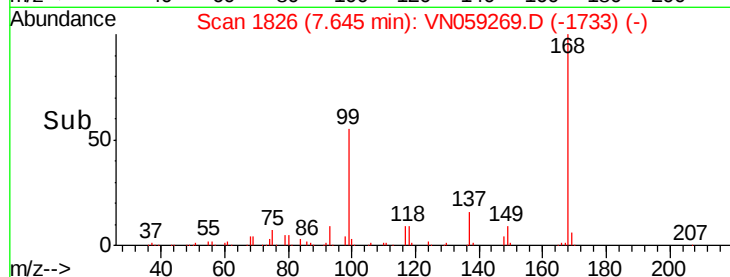
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.224 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059269.D

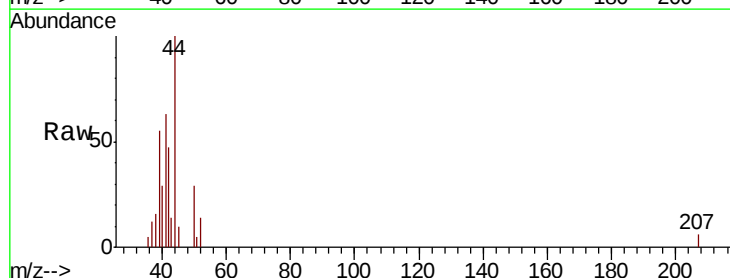
Acq: 15 Nov 2019 16:25

Tgt Ion: 50 Resp: 1449

Ion Ratio Lower Upper

50 100

52 47.6 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

1000

800

600

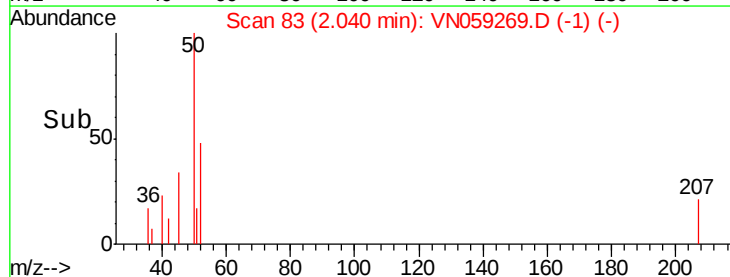
400

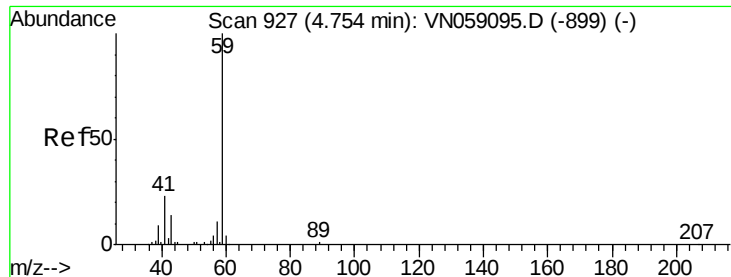
200

0

2.00 2.02 2.04 2.06 2.08

Time-->



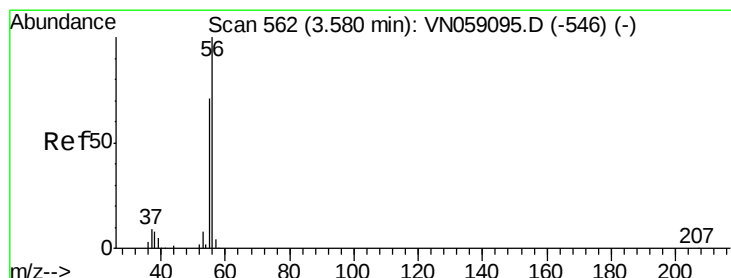
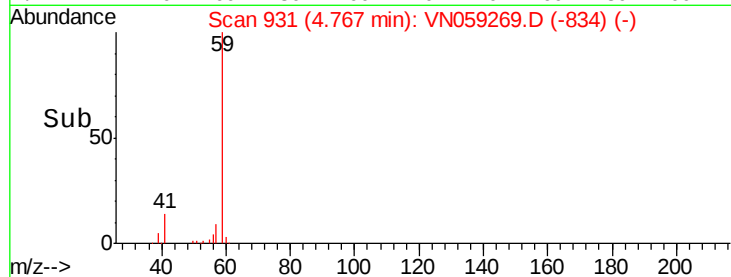
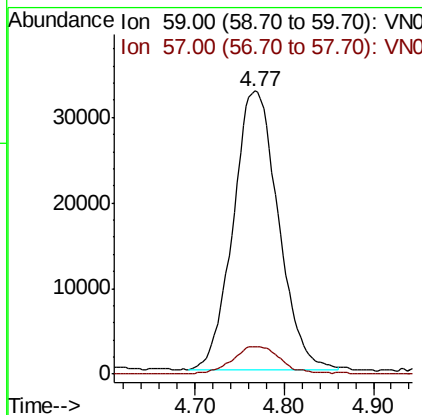
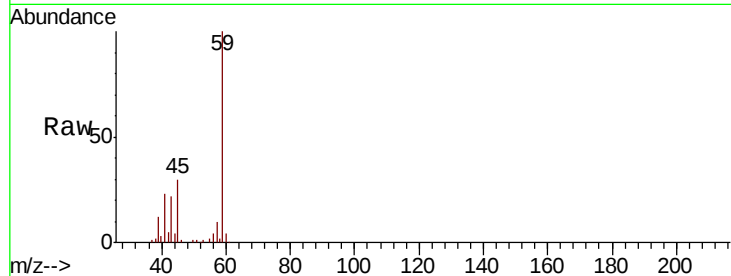


#11

Tert butyl alcohol
 Concen: 102.864 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN059269.D
 Acq: 15 Nov 2019 16:25

Instrument :
 MSVOA_N
 ClientSampled :

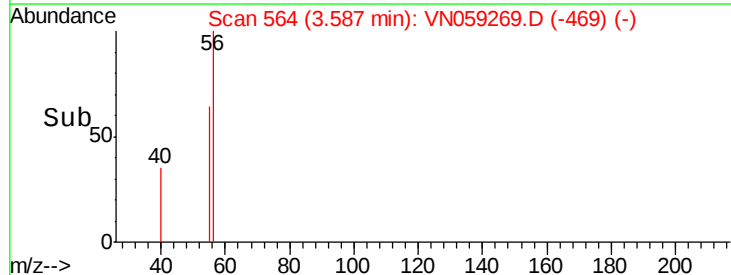
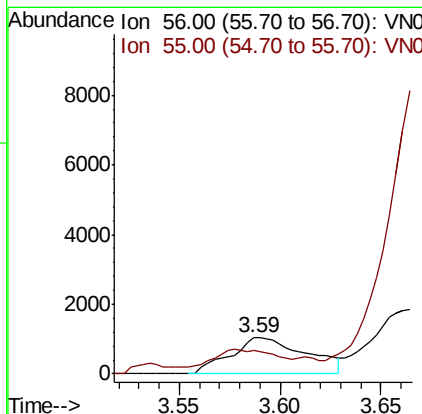
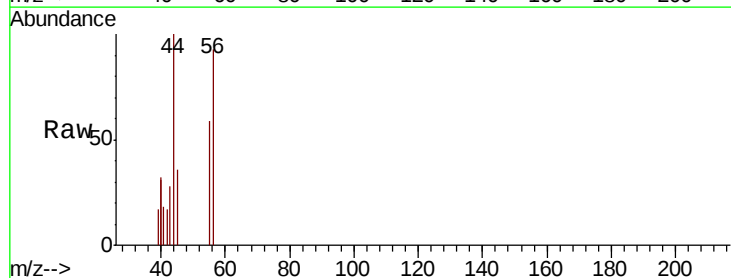
Tot Ion: 59 Resp: 113883
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

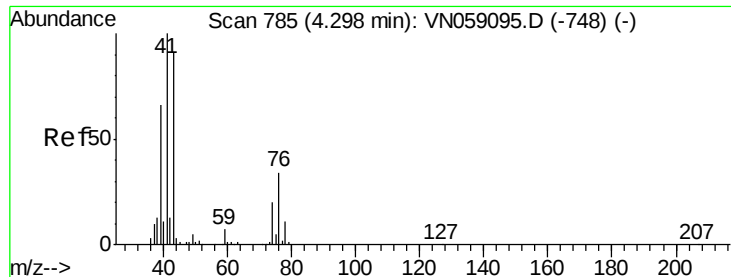


#13

Acrolein
 Concen: 4.742 ug/l
 RT: 3.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VN059269.D
 Acq: 15 Nov 2019 16:25

Tgt Ion: 56 Resp: 2707
 Ion Ratio Lower Upper
 56 100
 55 37.8 56.4 84.6#





#14

Allvl chloride

Concen: 2239.031 ug/l

RT: 4.16 min Scan# 743

Delta R.T. -0.14 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

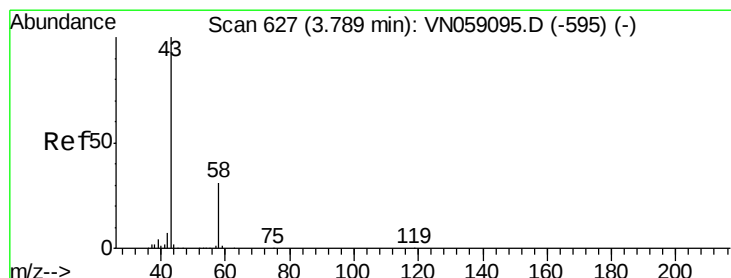
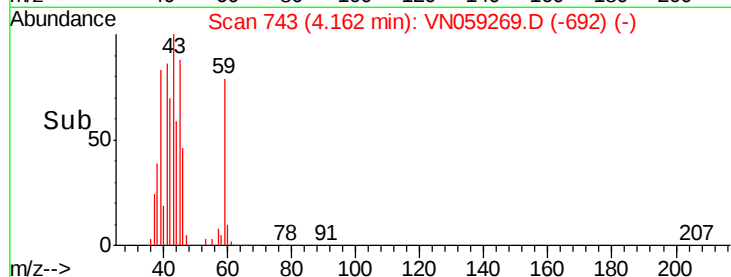
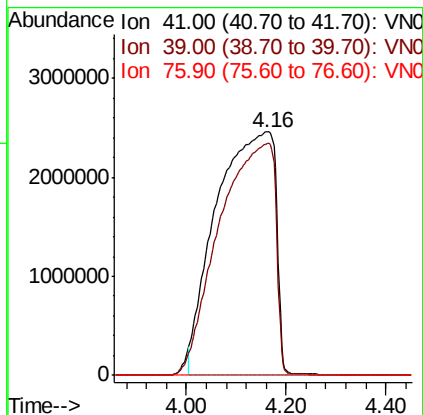
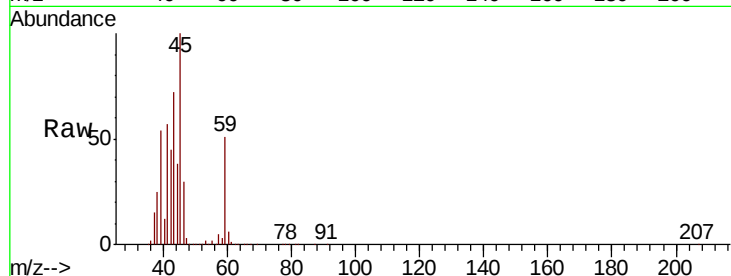
Tot Ion: 41 Resp:20275769

Ion Ratio Lower Upper

41 100

39 89.1 49.1 73.7#

76 0.0 24.9 37.3#



#16

Acetone

Concen: 2591.888 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059269.D

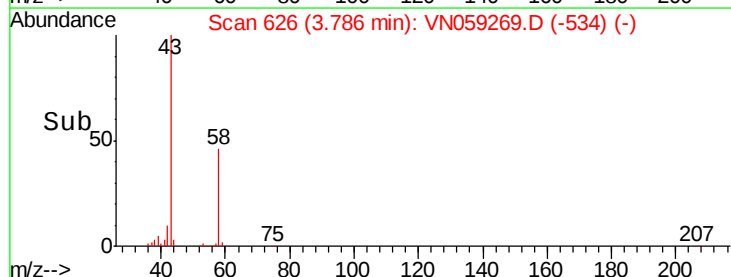
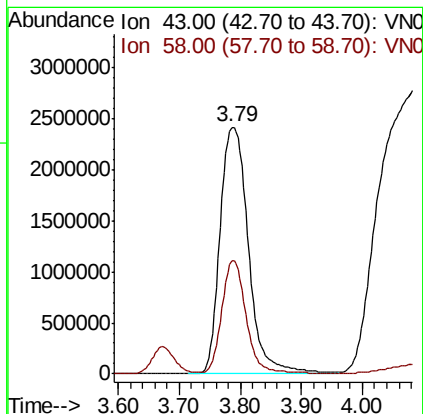
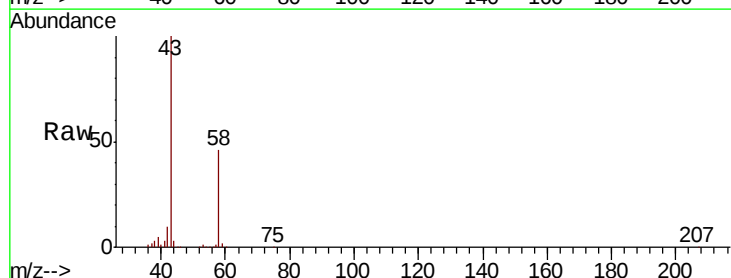
Acq: 15 Nov 2019 16:25

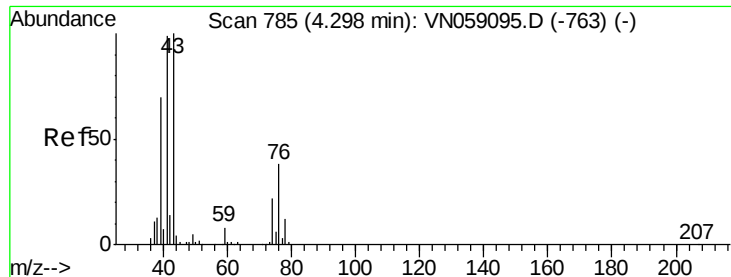
Tgt Ion: 43 Resp: 7829943

Ion Ratio Lower Upper

43 100

58 45.7 24.9 37.3#

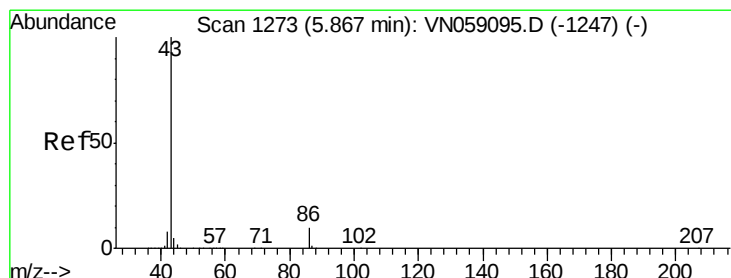
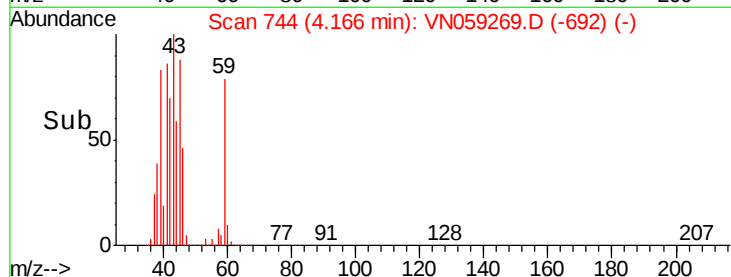
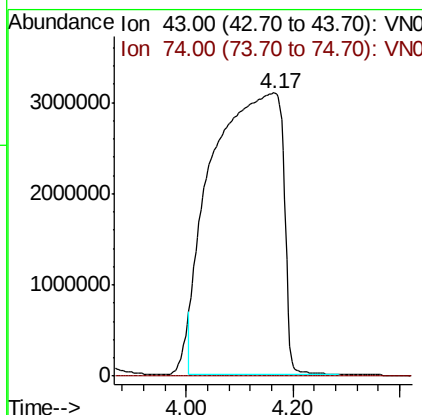
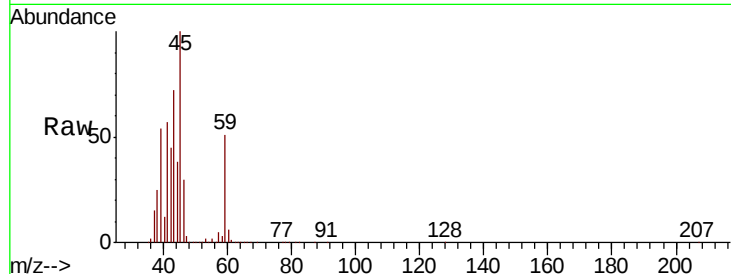




#18
Methvl Acetate
Concen: 3947.971 ug/l
RT: 4.17 min Scan# 744
Delta R.T. -0.13 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

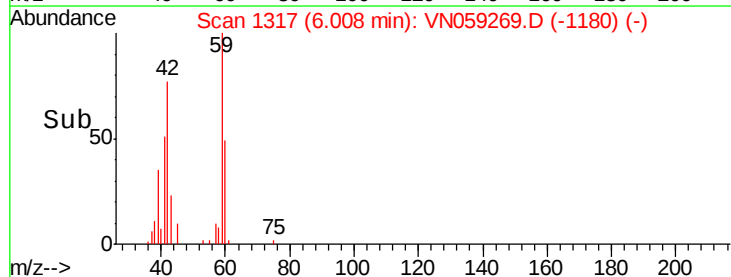
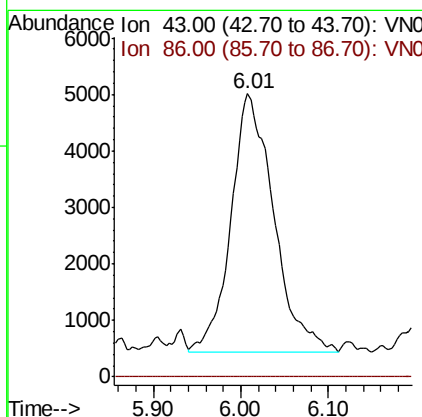
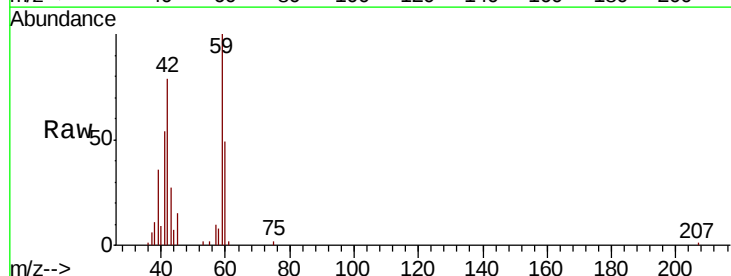
Instrument :
MSVOA_N
ClientSampleId :

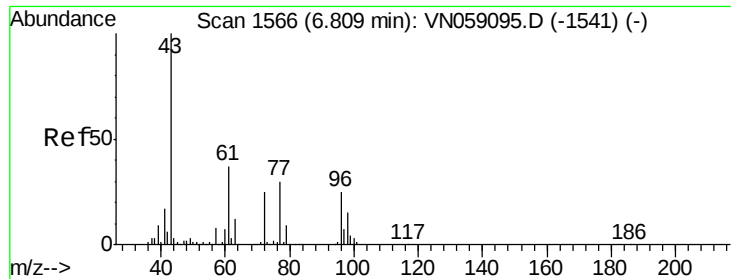
Tot Ion: 43 Resp: 28308873
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#23
Vinyl Acetate
Concen: 1.169 ug/l
RT: 6.01 min Scan# 1317
Delta R.T. 0.14 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion: 43 Resp: 15499
Ion Ratio Lower Upper
43 100
86 0.0 7.7 11.5#

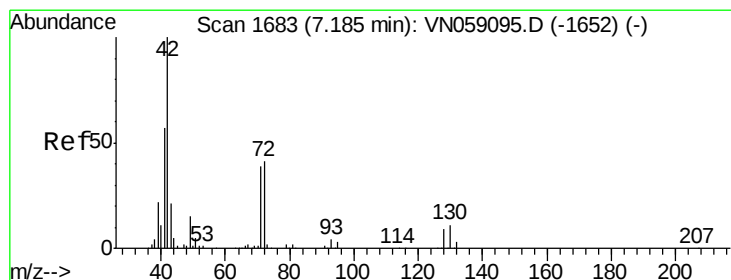
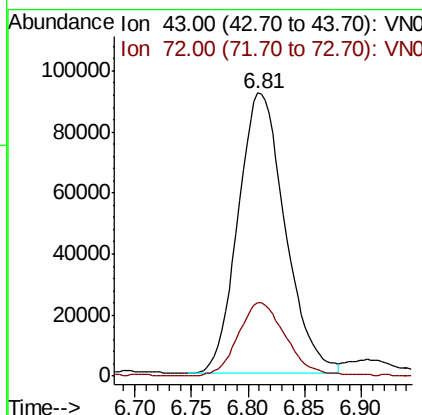
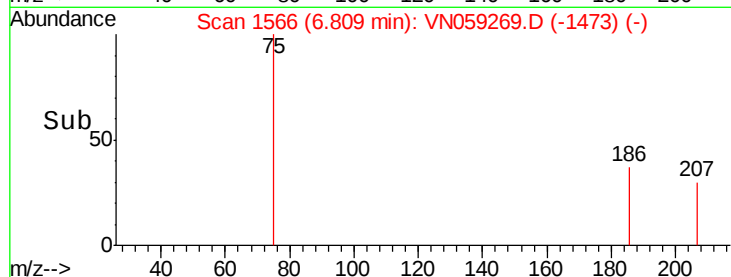
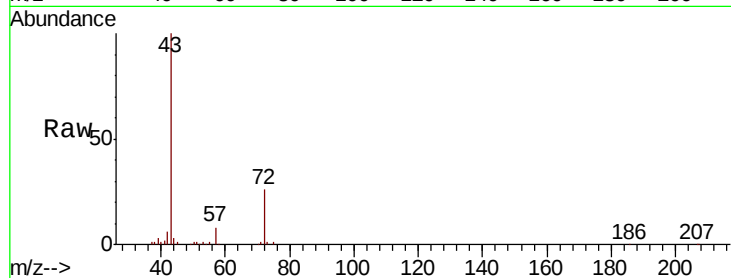




#25
2-Butanone
Concen: 67.028 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

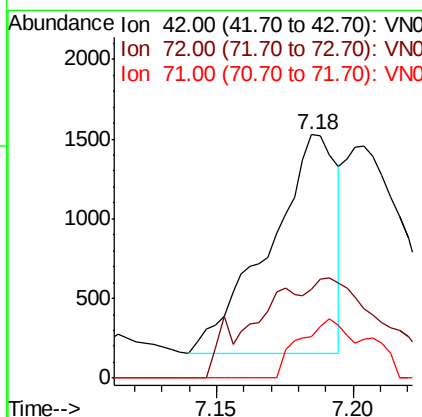
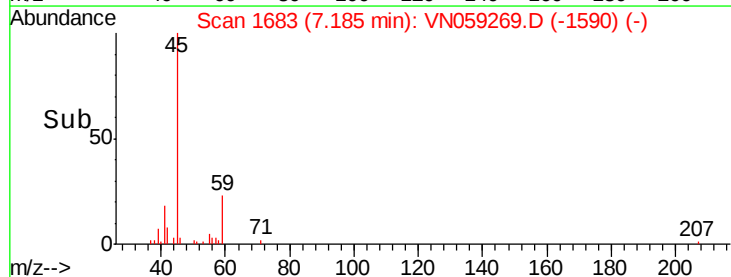
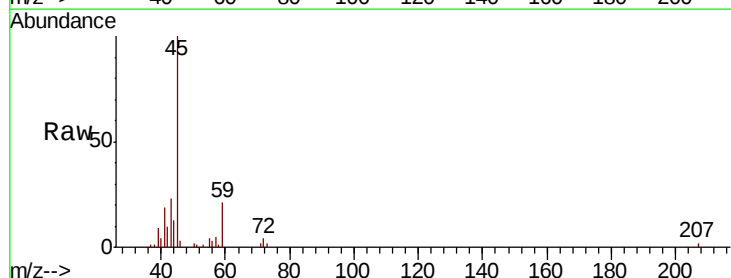
Instrument :
MSVOA_N
ClientSampled :

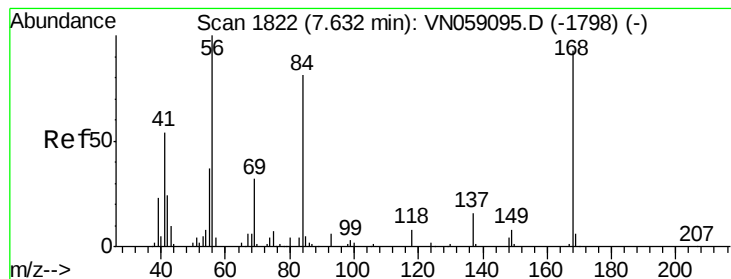
Tot Ion: 43 Resp: 266867
Ion Ratio Lower Upper
43 100
72 25.9 20.3 30.5



#29
Tetrahydrofuran
Concen: 0.931 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion: 42 Resp: 2354
Ion Ratio Lower Upper
42 100
72 12.1 33.1 49.7#
71 27.1 30.9 46.3#





#31

Cyclohexane

Concen: 0.967 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :
MSVOA_N
ClientSampled :

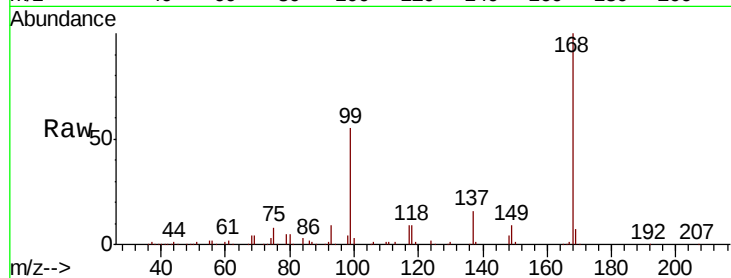
Tot Ion: 56 Resp: 8749

Ion Ratio Lower Upper

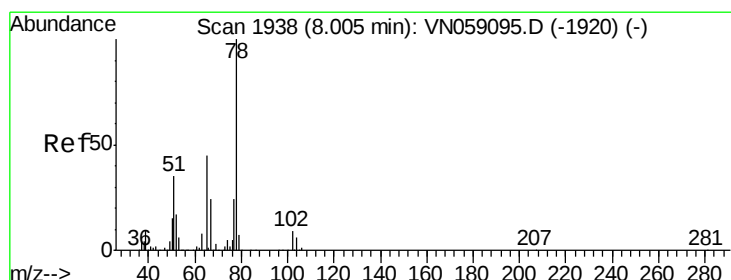
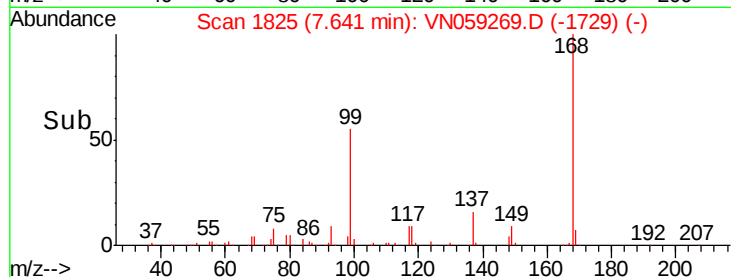
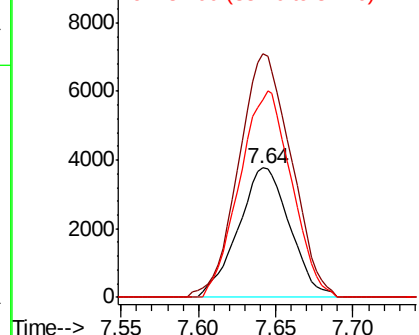
56 100

69 188.0 25.8 38.8#

84 152.1 65.0 97.4#



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: 48.201 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059269.D

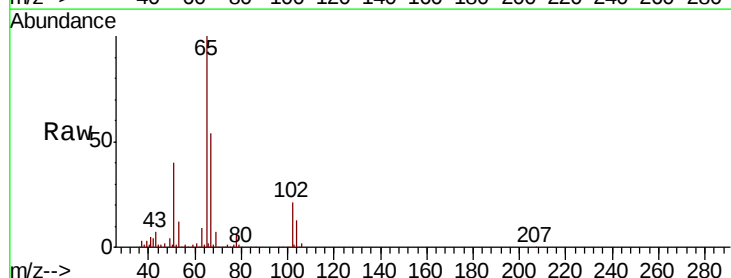
Acq: 15 Nov 2019 16:25

Tgt Ion: 65 Resp: 280012

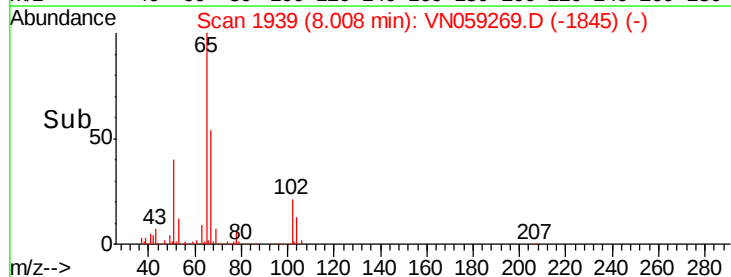
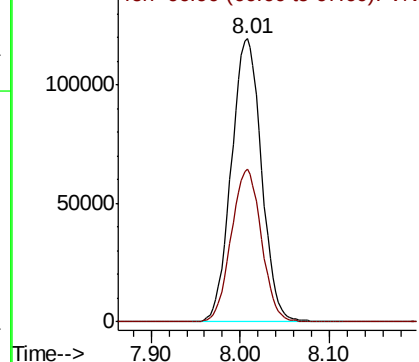
Ion Ratio Lower Upper

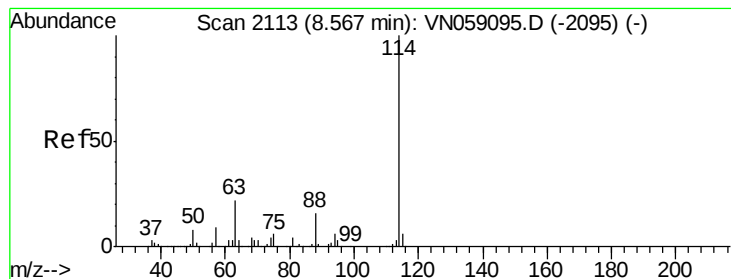
65 100

67 54.0 0.0 107.4



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# 2113

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

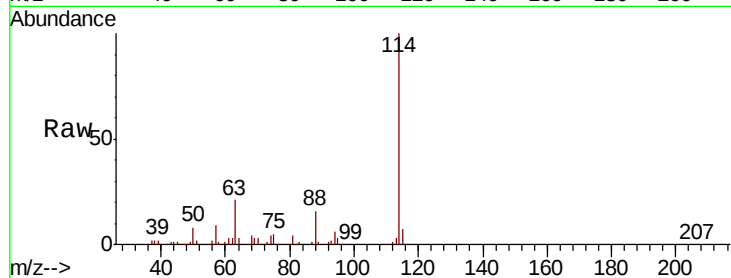
Tot Ion:114 Resp: 736029

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

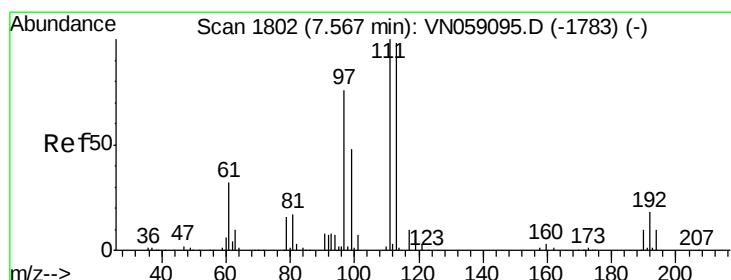
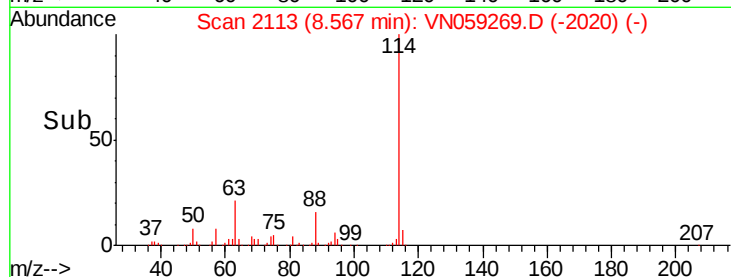
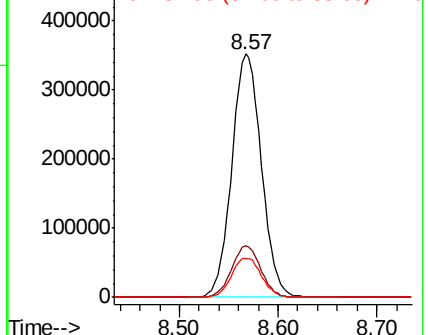
88 16.1 0.0 32.2



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: 49.651 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

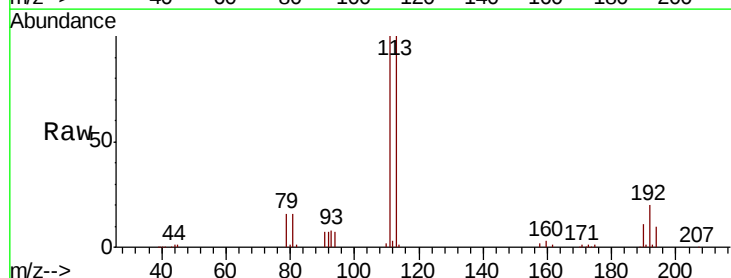
Tgt Ion:113 Resp: 218206

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

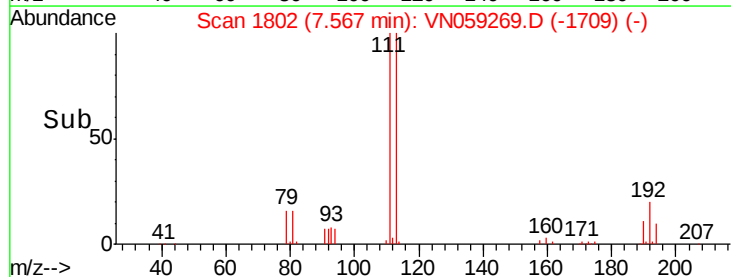
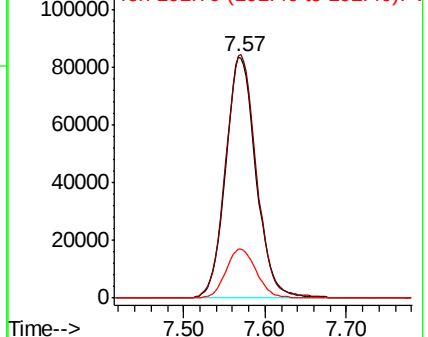
192 20.4 16.1 24.1

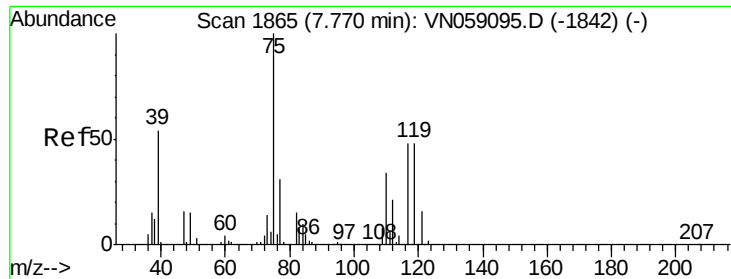


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

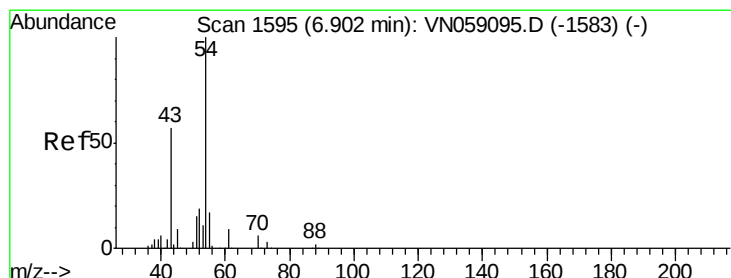
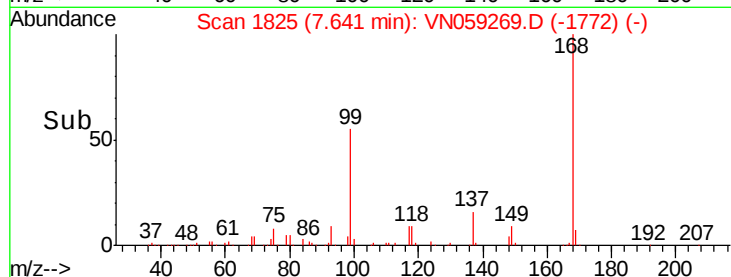
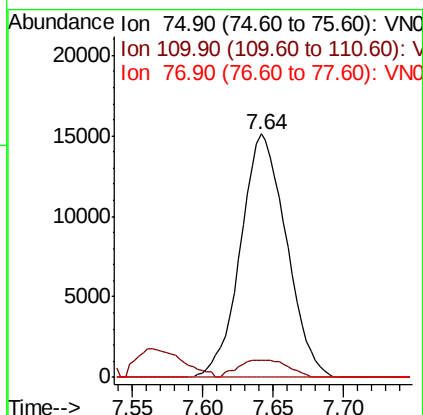
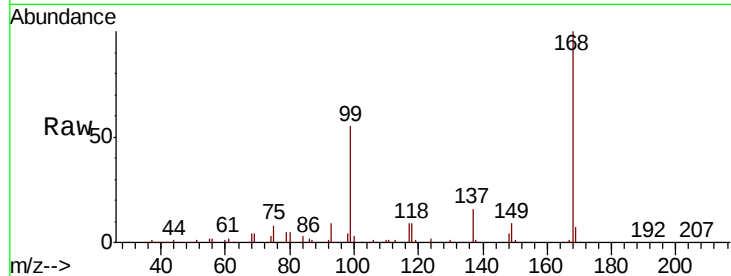




#36
 1,1-Dichloropropene
 Concen: 4.988 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059269.D
 Acq: 15 Nov 2019 16:25

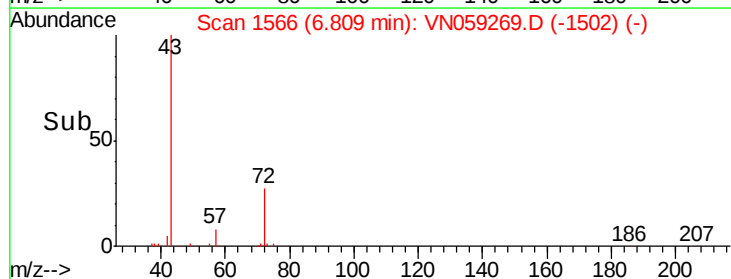
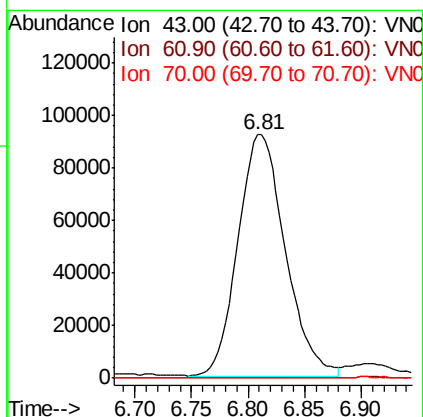
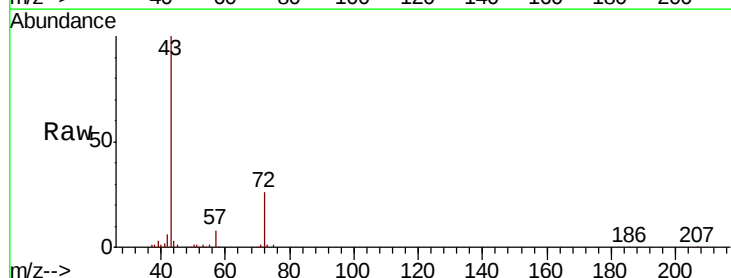
Instrument :
 MSVOA_N
 ClientSampleId :

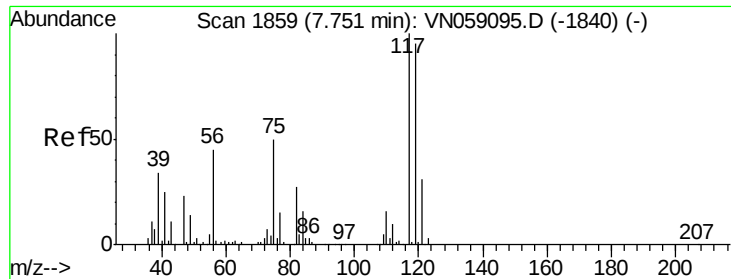
Tot Ion	75	Resp	34319
Ion Ratio	Lower	Upper	
75	100		
110	7.8	17.1	51.2#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 34.869 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.09 min
 Lab File: VN059269.D
 Acq: 15 Nov 2019 16:25

Tgt Ion	43	Resp	266867
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.2	16.8#
70	0.0	7.8	11.8#

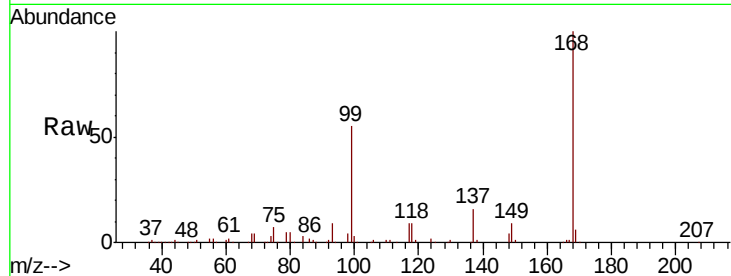




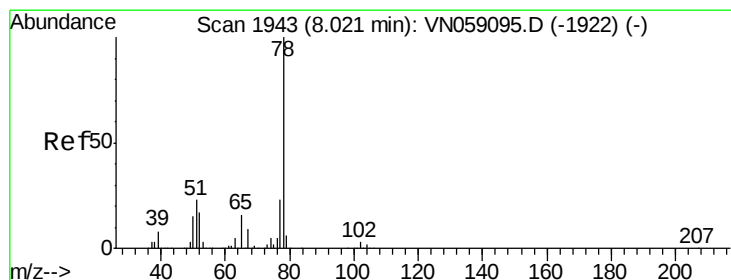
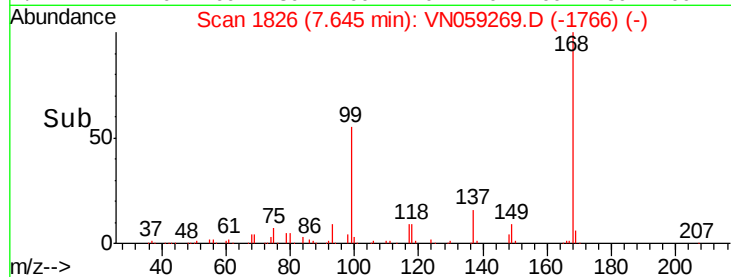
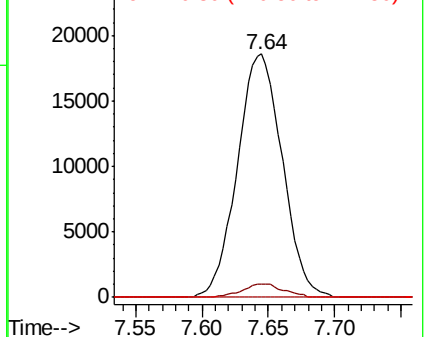
#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 43775
Ion Ratio Lower Upper
117 100
119 5.4 75.6 113.4#
121 0.0 24.6 36.8#

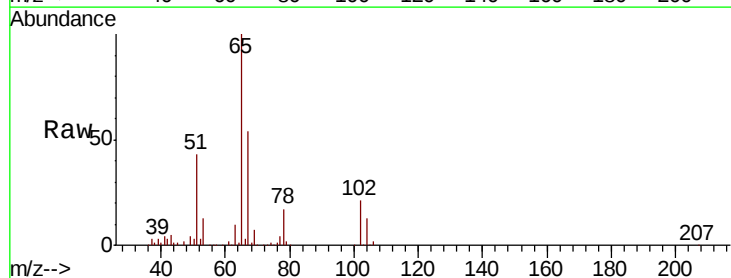


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

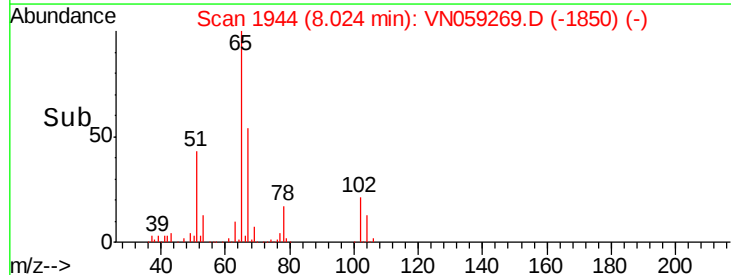
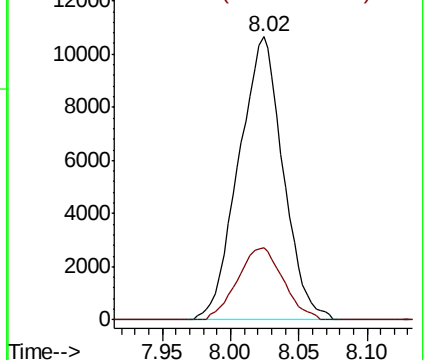


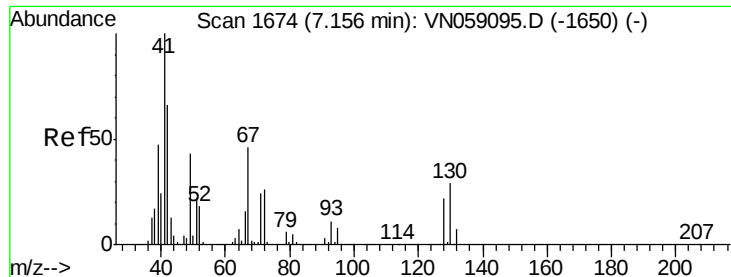
#40
Benzene
Concen: 1.163 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion: 78 Resp: 24104
Ion Ratio Lower Upper
78 100
77 25.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

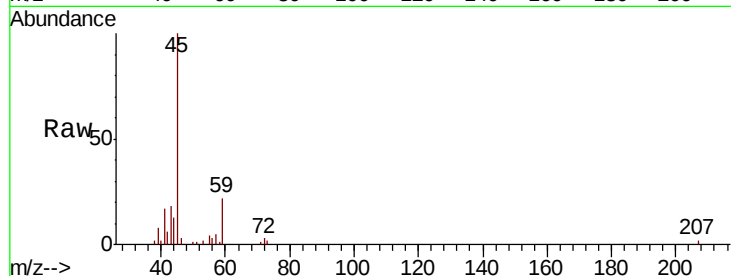




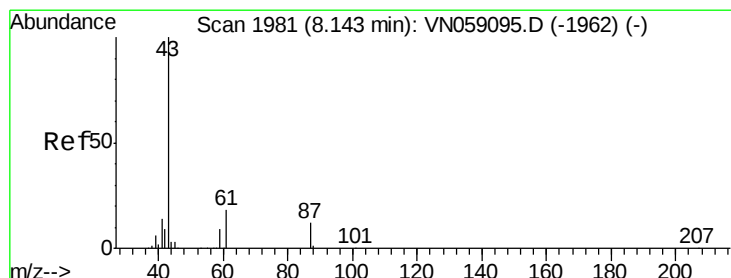
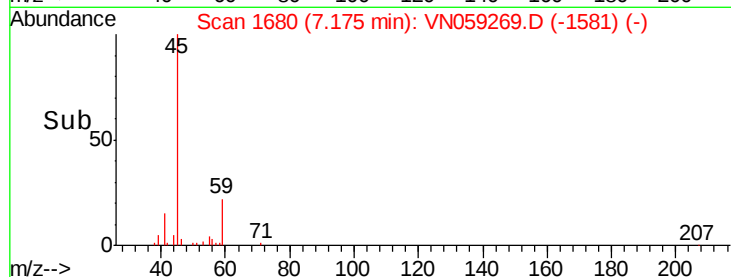
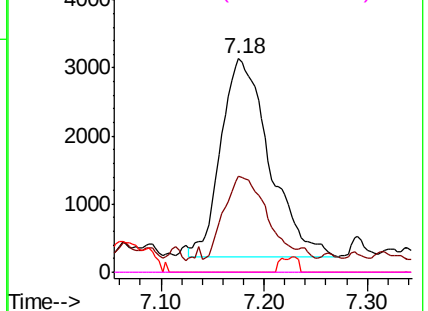
#41
Methacrylonitrile
Concen: 2.872 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.02 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	9559
Ion	Ratio	Lower	Upper
41	100		
39	35.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

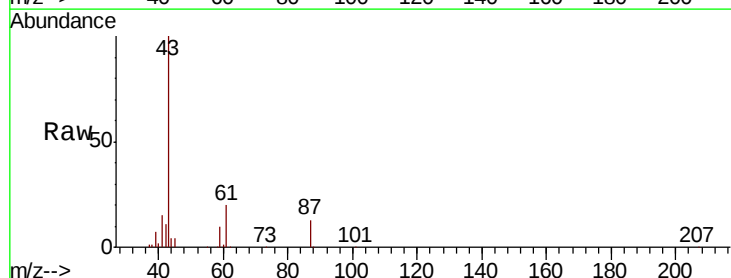


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

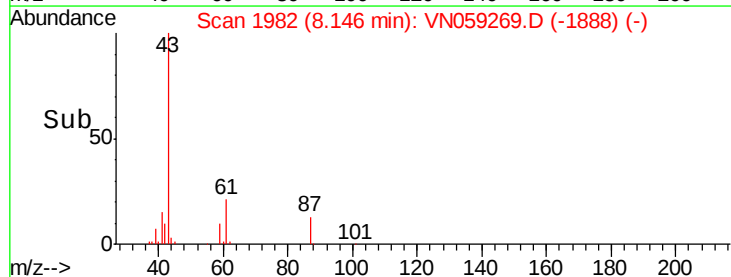
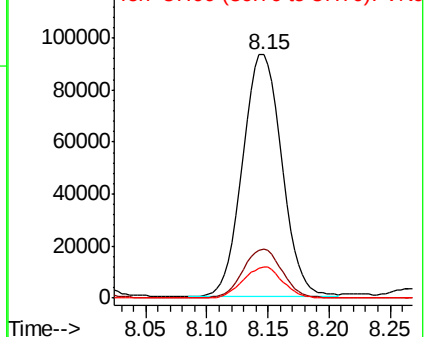


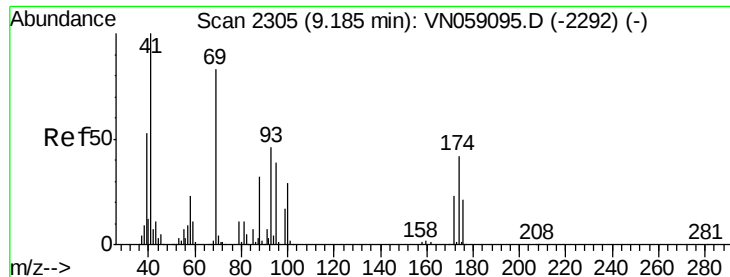
#43
Isopropyl Acetate
Concen: 17.051 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion:	43	Resp:	208052
Ion	Ratio	Lower	Upper
43	100		
61	20.2	21.0	31.6#
87	13.0	9.8	14.6



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

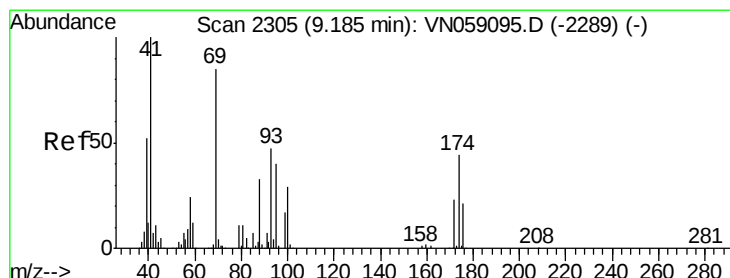
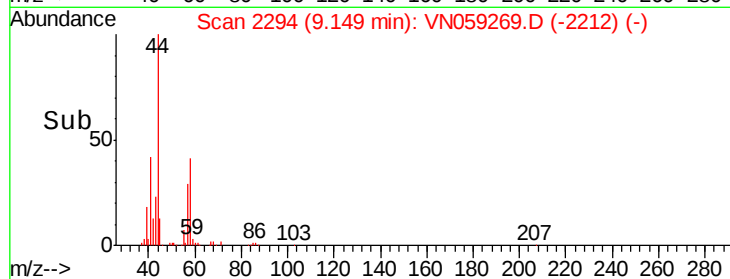
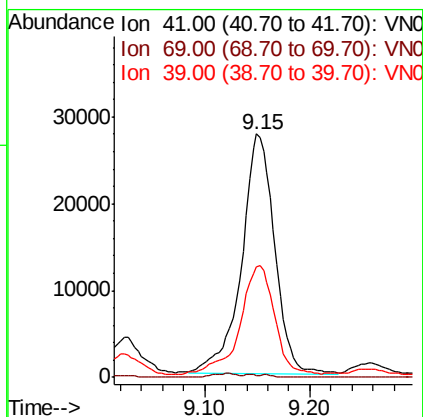
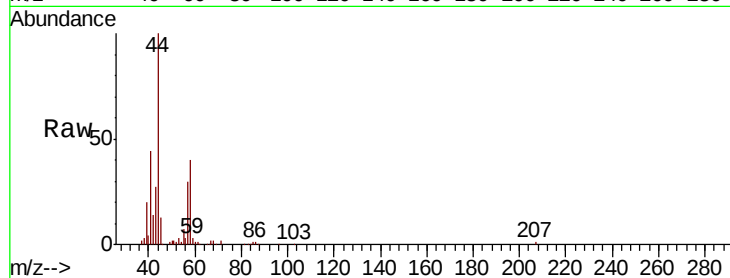




#48
Methvl methacrylate
Concen: 11.046 ug/l
RT: 9.15 min Scan# 2294
Delta R.T. -0.04 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

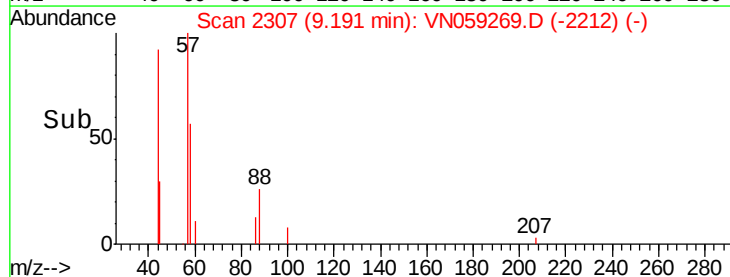
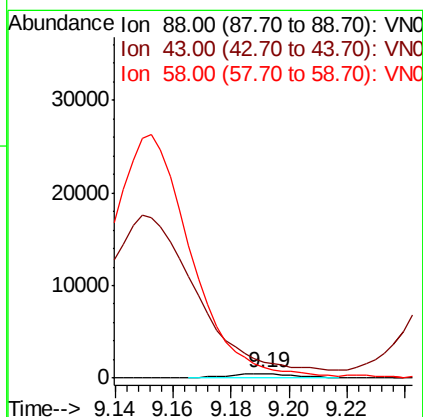
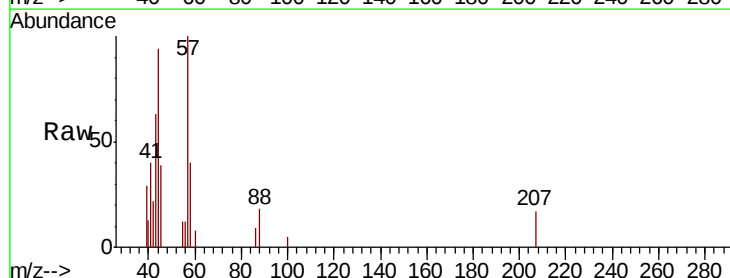
Instrument :
MSVOA_N
ClientSampled :

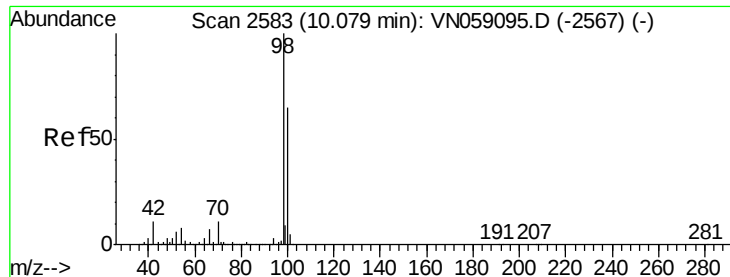
Tot Ion: 41 Resp: 60287
Ion Ratio Lower Upper
41 100
69 0.2 67.3 100.9#
39 47.4 43.3 64.9



#49
1,4-Dioxane
Concen: 7.774 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.01 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion: 88 Resp: 754
Ion Ratio Lower Upper
88 100
43 0.0 26.3 39.5#
58 0.0 60.6 90.8#





#50

Toluene-d8

Concen: 51.177 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

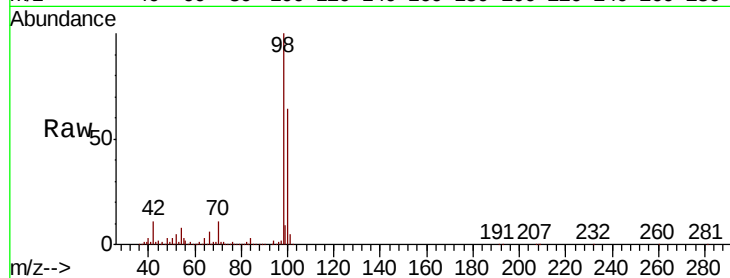
ClientSampled :

Tot Ion: 98 Resp: 885917

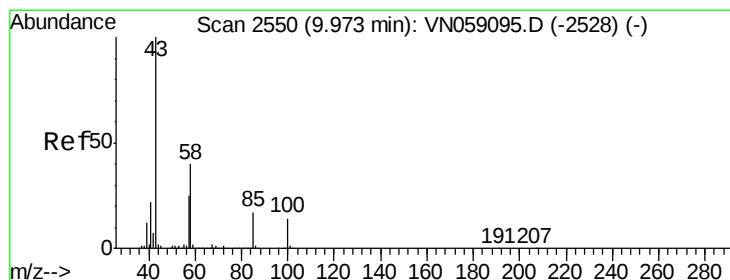
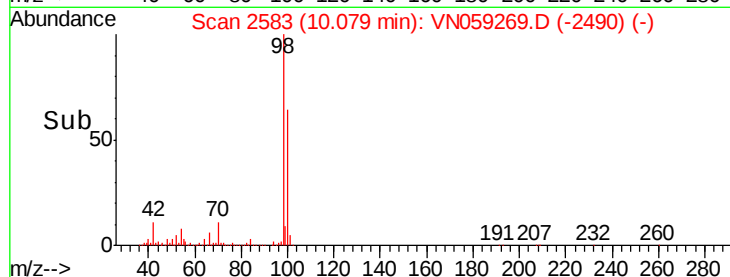
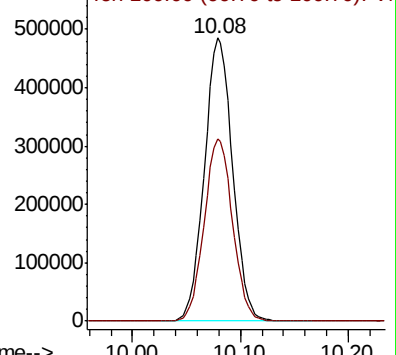
Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059095.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.598 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN059269.D

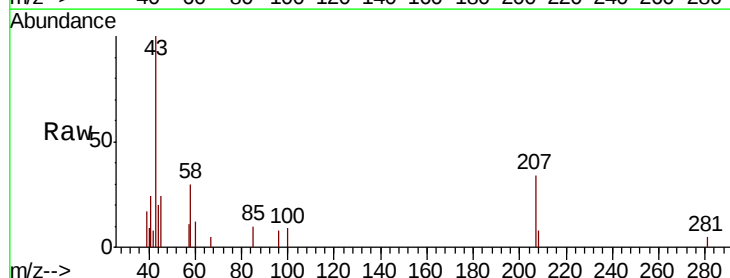
Acq: 15 Nov 2019 16:25

Tgt Ion: 43 Resp: 4129

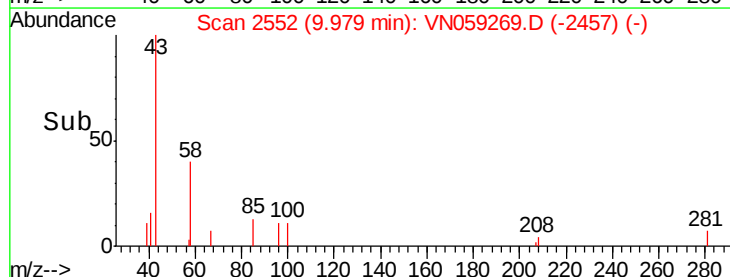
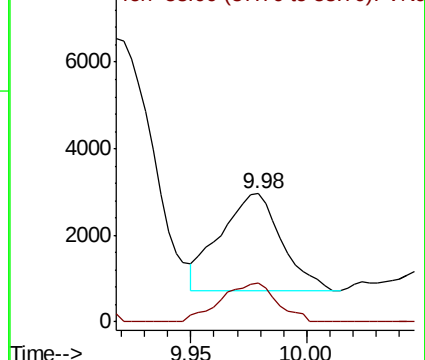
Ion Ratio Lower Upper

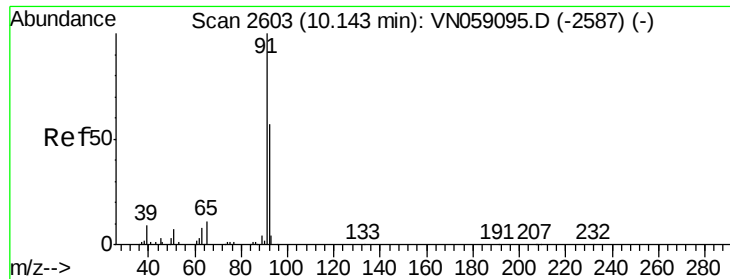
43 100

58 36.7 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)





#52

Toluene

Concen: 1.675 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

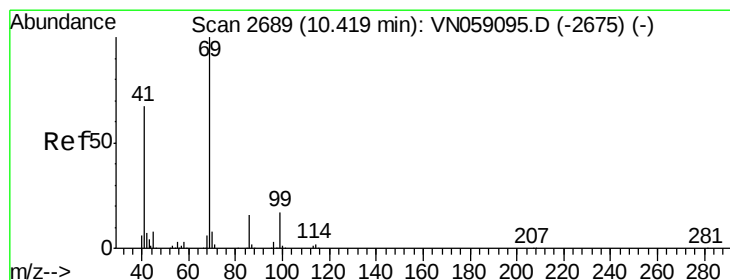
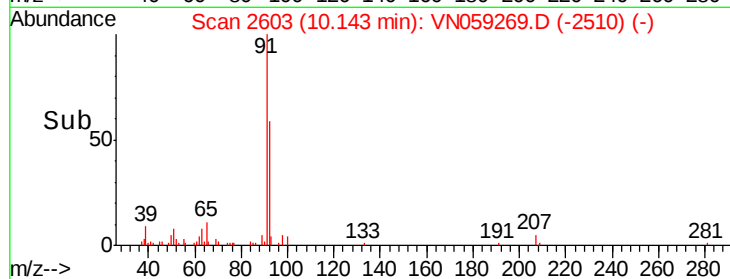
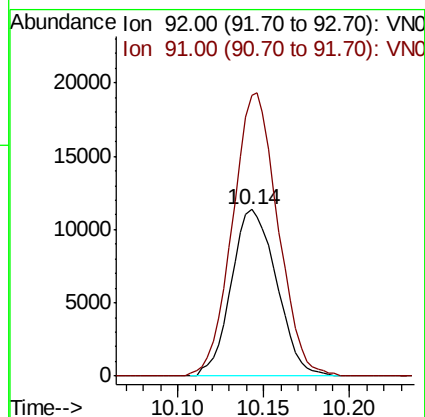
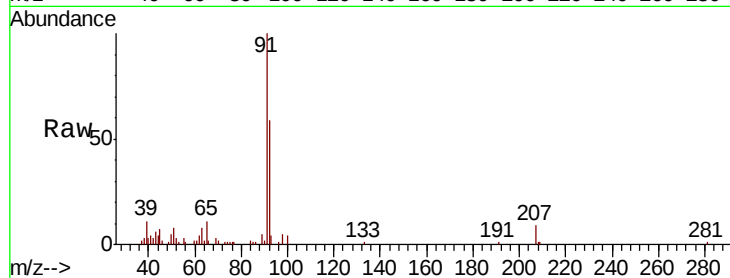
ClientSampleId :

Tot Ion: 92 Resp: 20793

Ion Ratio Lower Upper

92 100

91 169.7 139.5 209.3



#56

Ethyl methacrylate

Concen: 1.935 ug/l

RT: 10.36 min Scan# 2672

Delta R.T. -0.05 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

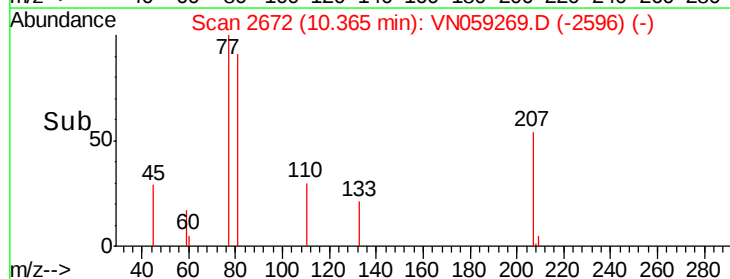
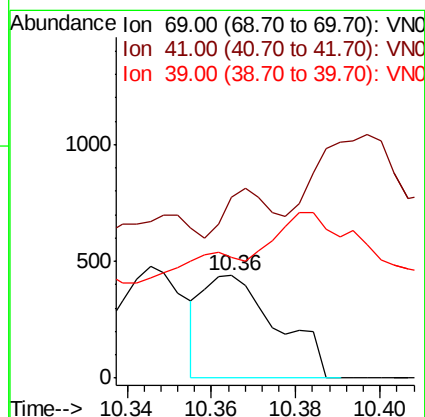
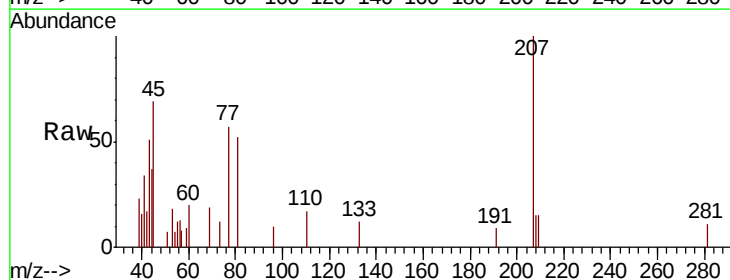
Tgt Ion: 69 Resp: 534

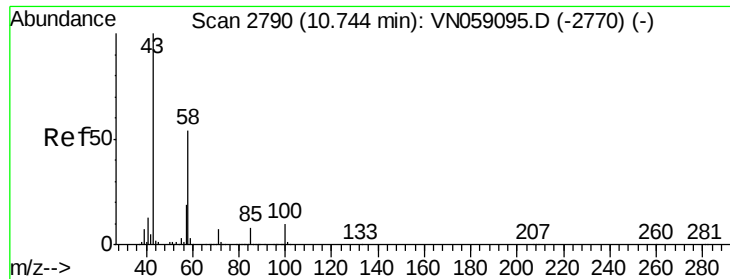
Ion Ratio Lower Upper

69 100

41 0.0 53.6 80.4#

39 0.0 26.2 39.4#

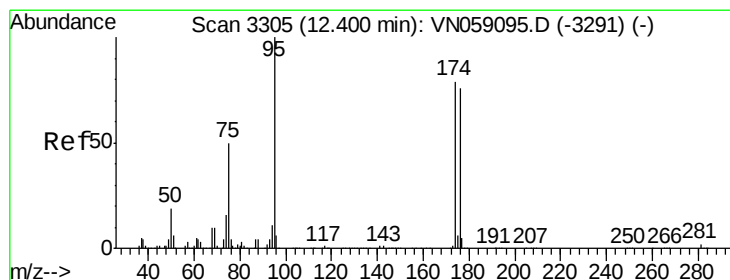
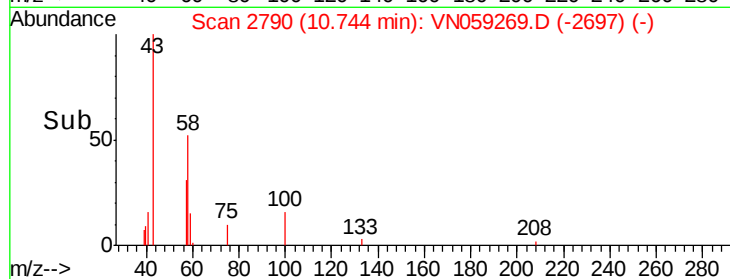
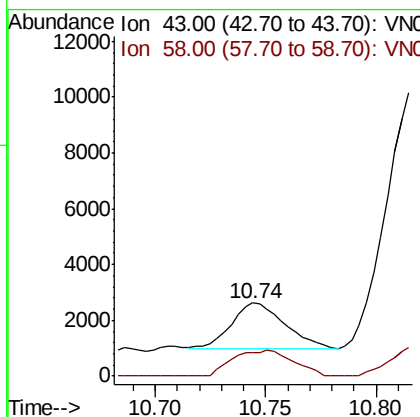
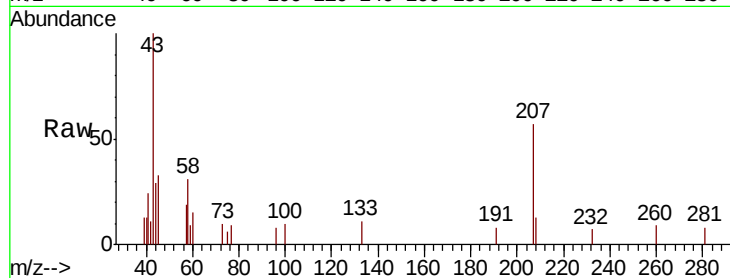




#59
2-Hexanone
Concen: 0.523 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

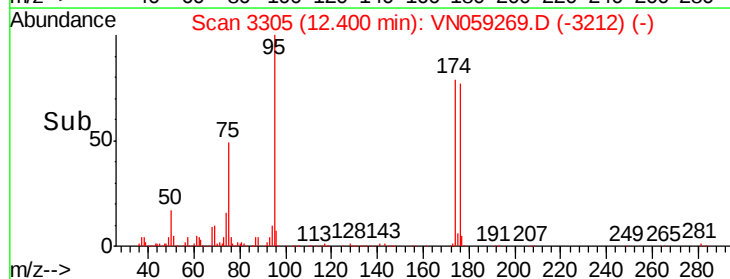
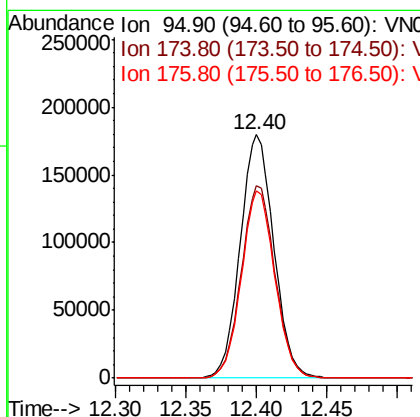
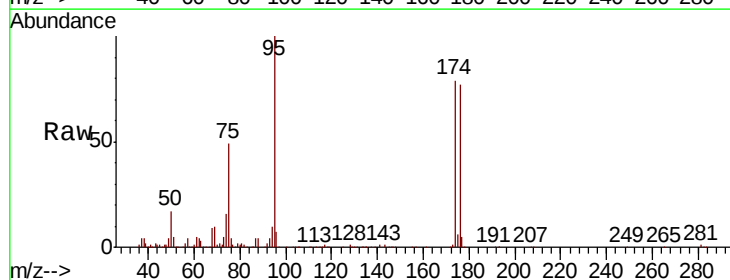
Instrument :
MSVOA_N
ClientSampleId :

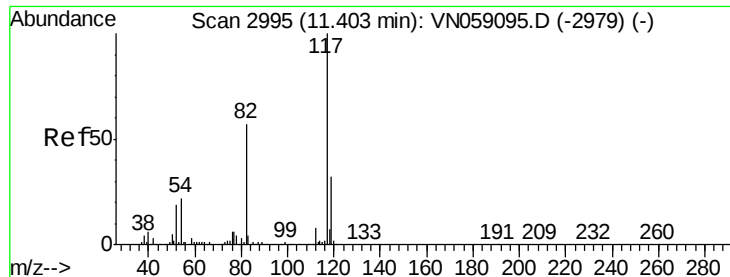
Tot Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
58 63.1 27.3 81.8



#62
4-Bromofluorobenzene
Concen: 48.106 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion: 95 Resp: 300260
Ion Ratio Lower Upper
95 100
174 79.5 0.0 158.2
176 76.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

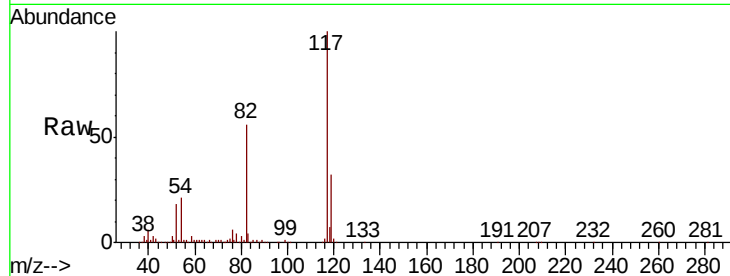
Tot Ion:117 Resp: 640218

Ion Ratio Lower Upper

117 100

82 56.4 45.8 68.8

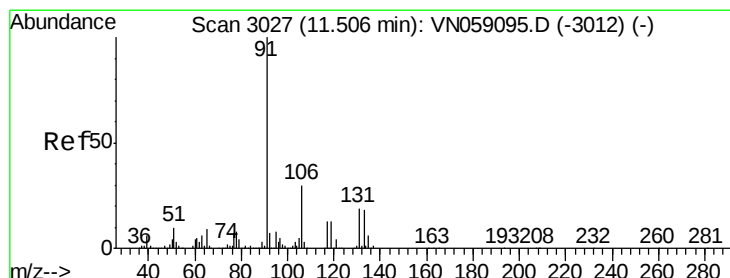
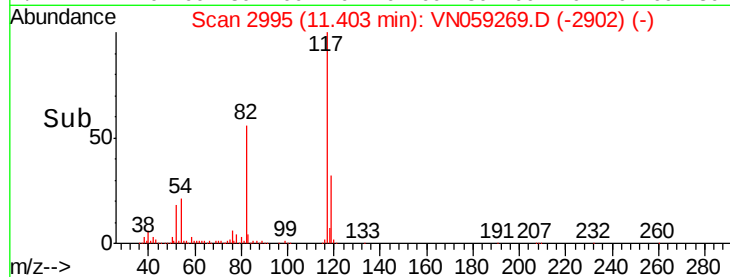
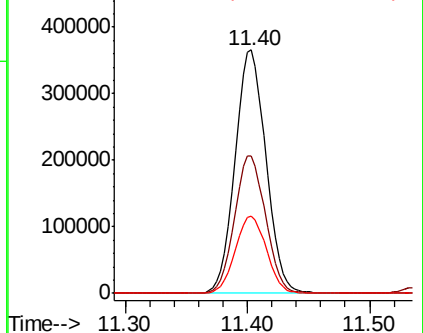
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.899 ug/l

RT: 11.54 min Scan# 3038

Delta R.T. 0.04 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

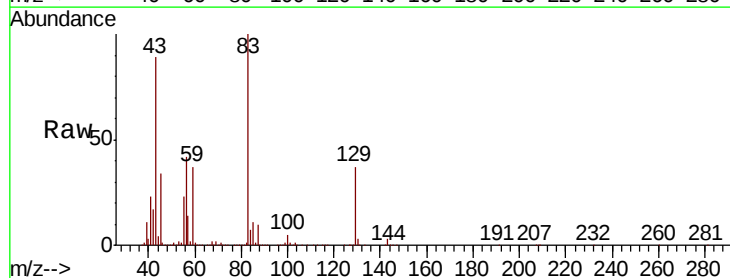
Tgt Ion:131 Resp: 4211

Ion Ratio Lower Upper

131 100

133 6.5 47.4 142.3#

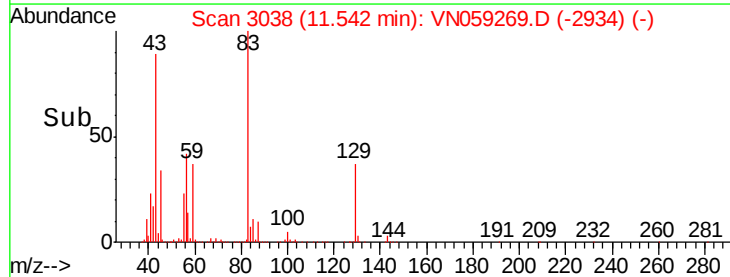
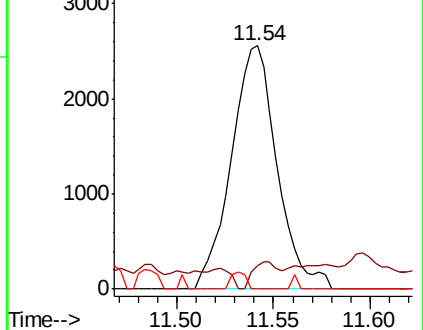
119 0.0 33.2 99.6#

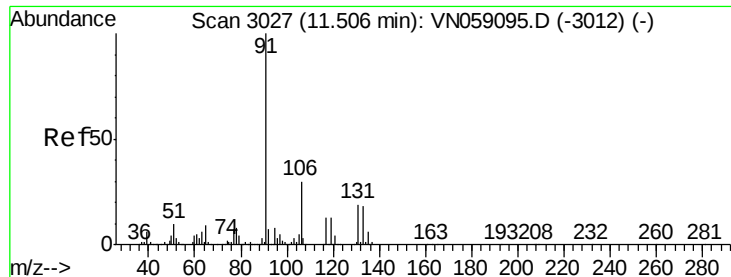


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 0.383 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

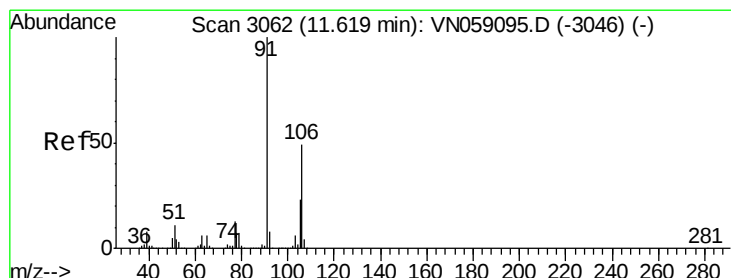
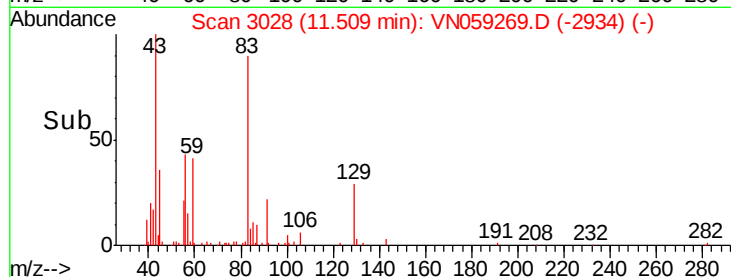
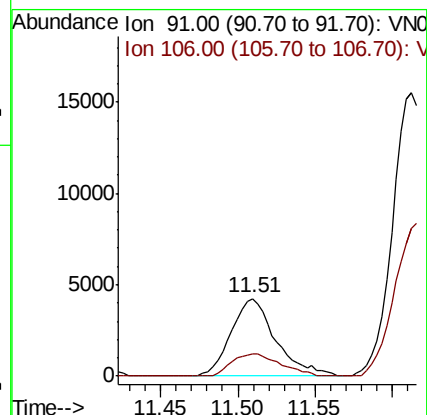
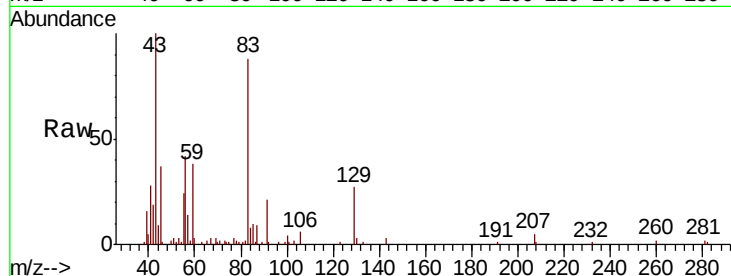
ClientSampled :

Tot Ion: 91 Resp: 8487

Ion Ratio Lower Upper

91 100

106 28.8 24.1 36.1



#68

m/p-Xylenes

Concen: 1.926 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059269.D

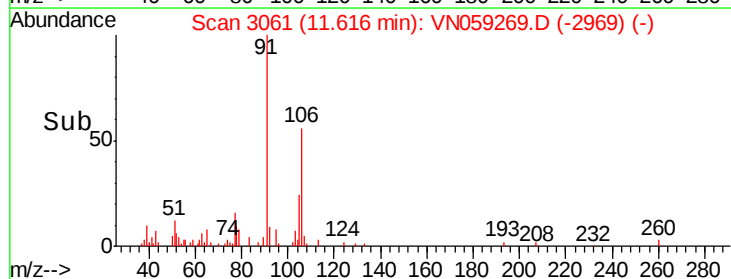
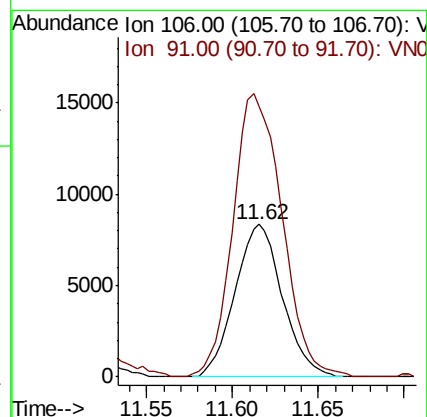
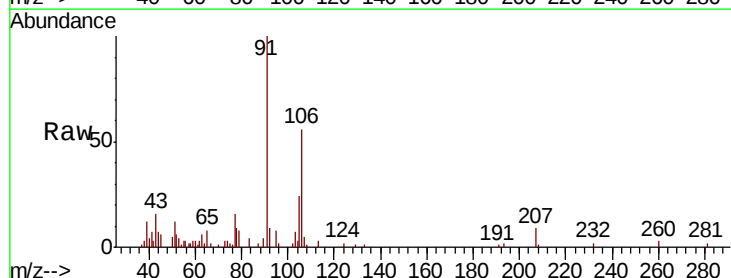
Acq: 15 Nov 2019 16:25

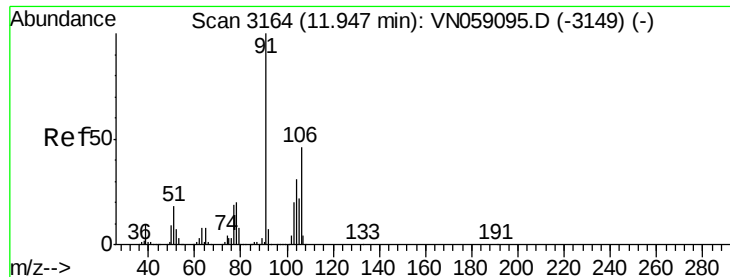
Tgt Ion: 106 Resp: 15979

Ion Ratio Lower Upper

106 100

91 193.4 164.7 247.1

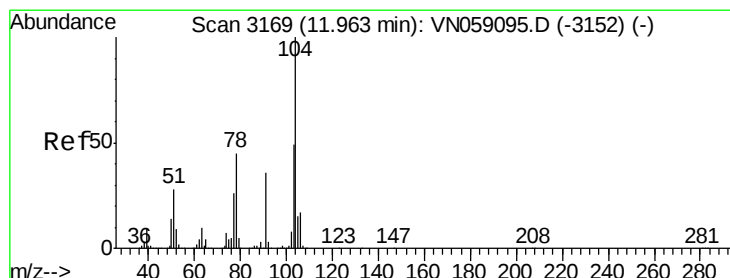
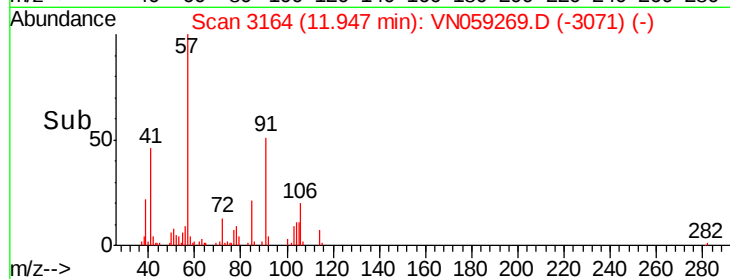
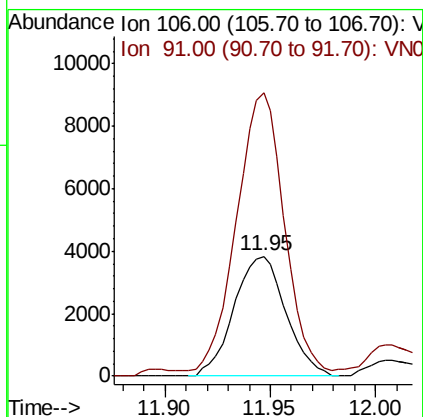
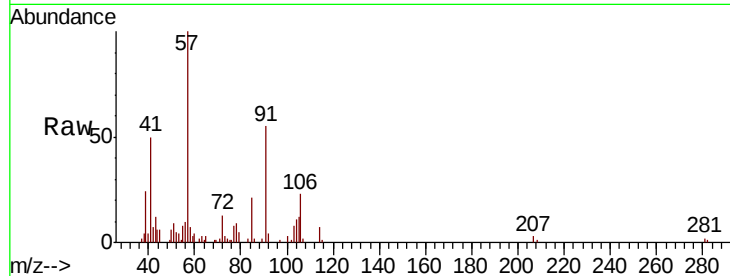




#69
o-Xylene
Concen: 0.815 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

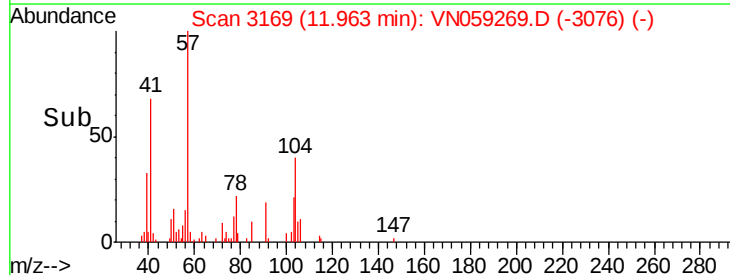
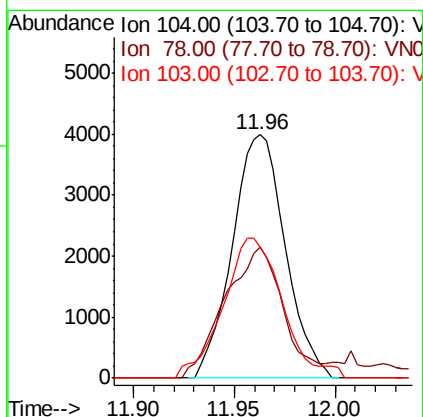
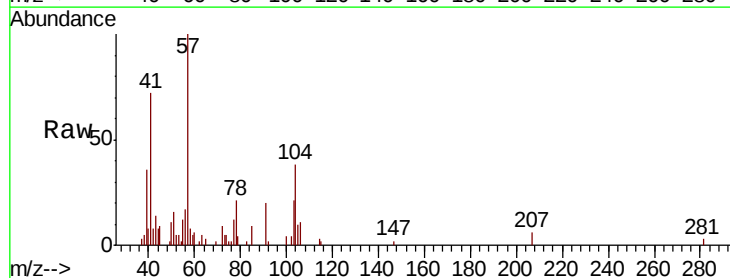
Instrument :
MSVOA_N
ClientSampled :

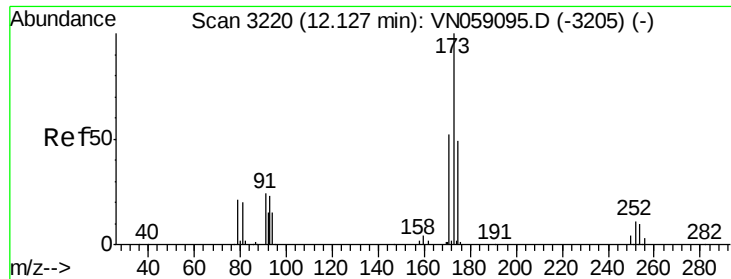
Tot Ion:106 Resp: 6531
Ion Ratio Lower Upper
106 100
91 221.7 110.1 330.3



#70
Styrene
Concen: 0.581 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion:104 Resp: 7329
Ion Ratio Lower Upper
104 100
78 59.6 41.2 61.8
103 64.2 43.8 65.6





#71

Bromoform

Concen: 0.272 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

ClientSampled :

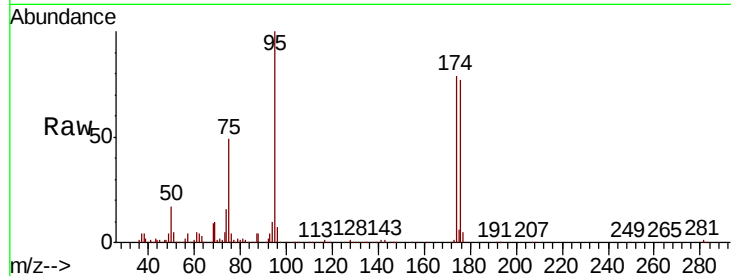
Tot Ion:173 Resp: 991

Ion Ratio Lower Upper

173 100

175 1560.3 24.2 72.6#

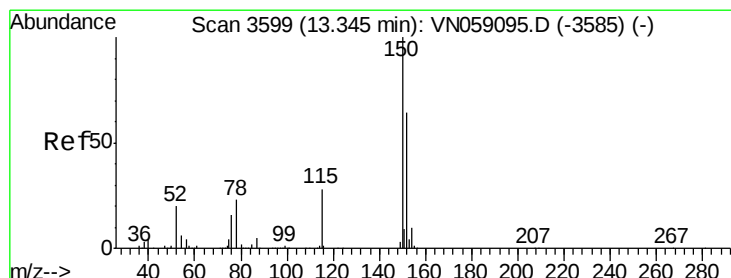
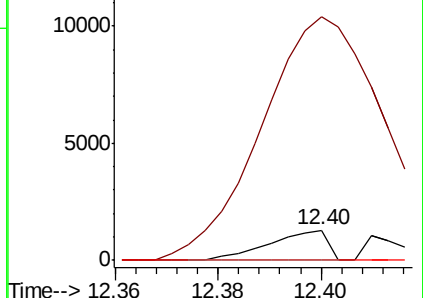
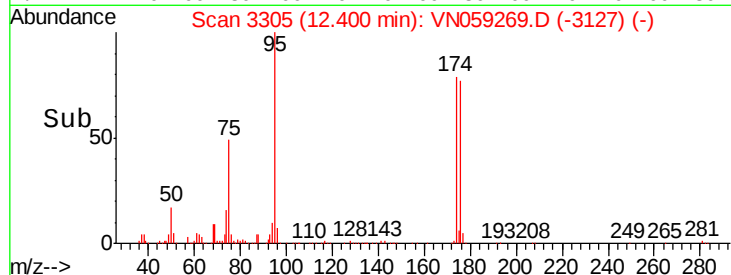
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

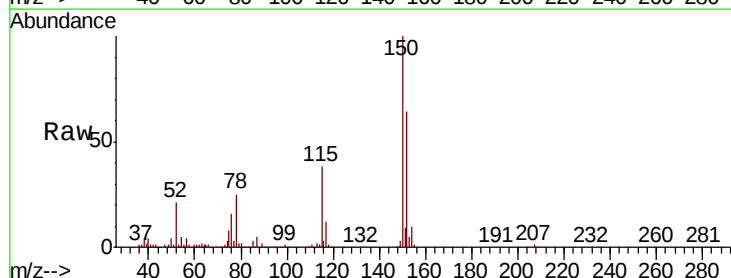
Tgt Ion:152 Resp: 275857

Ion Ratio Lower Upper

152 100

115 58.7 29.4 88.2

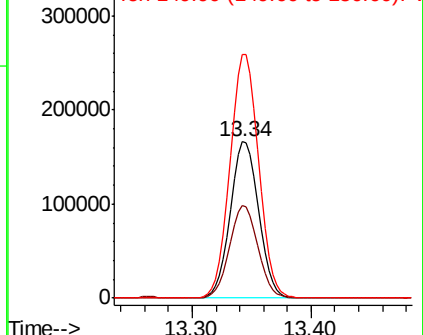
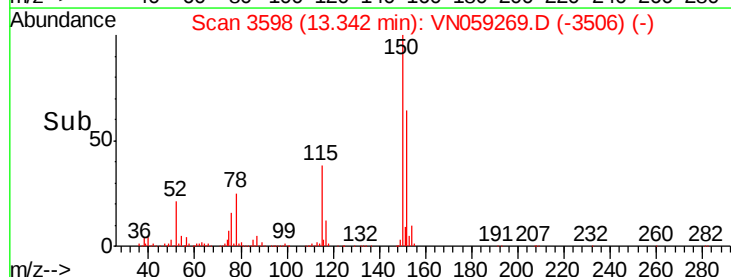
150 156.5 0.0 345.8

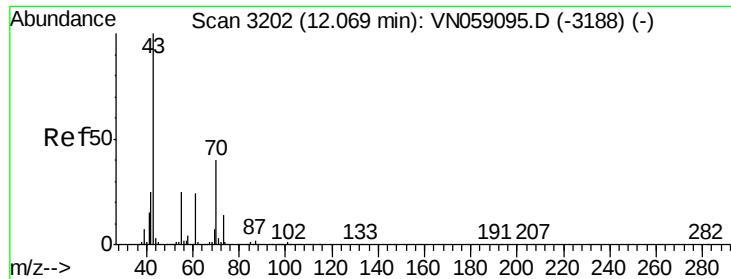


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 1.438 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 12223

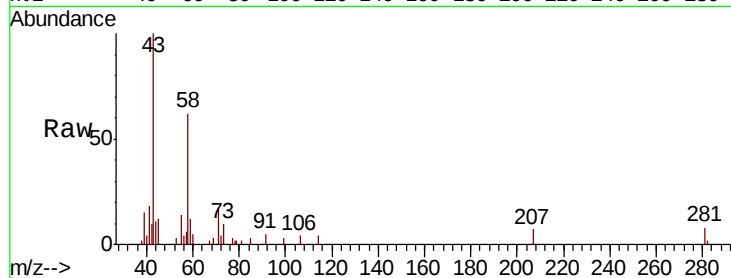
Ion Ratio Lower Upper

43 100

70 1.1 32.2 48.4#

55 0.0 20.4 30.6#

61 0.0 19.3 28.9#

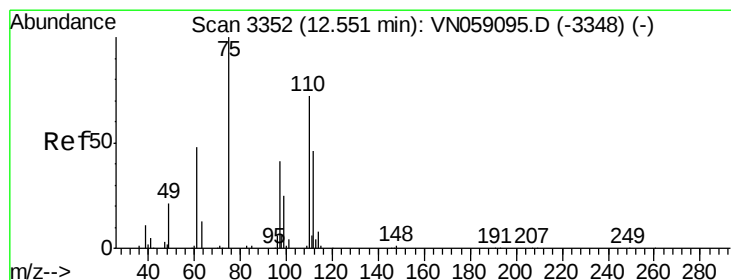
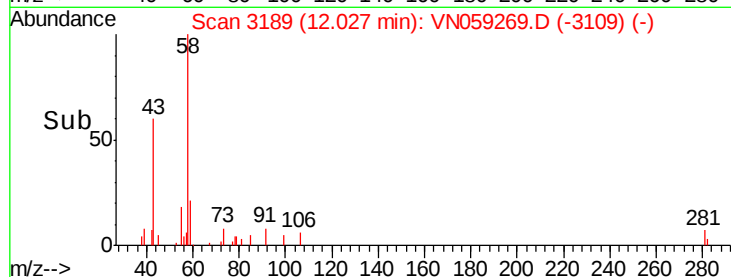
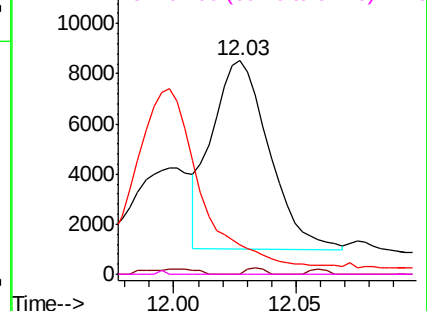


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 23.342 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059269.D

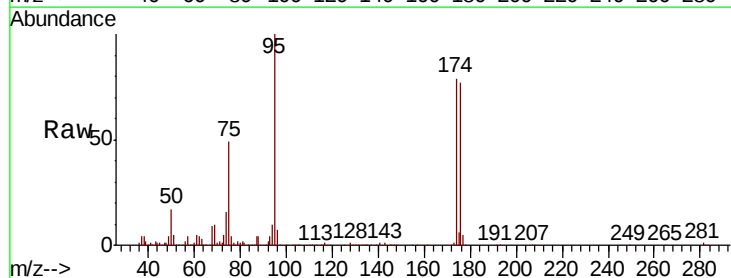
Acq: 15 Nov 2019 16:25

Tgt Ion: 75 Resp: 146594

Ion Ratio Lower Upper

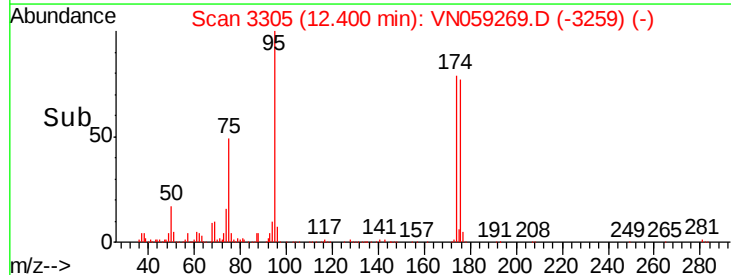
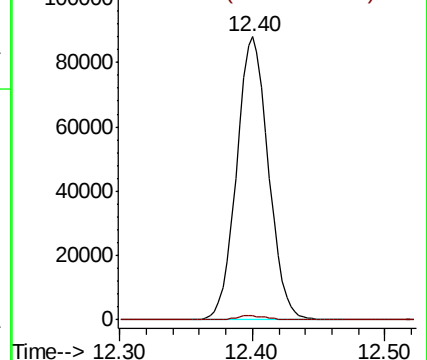
75 100

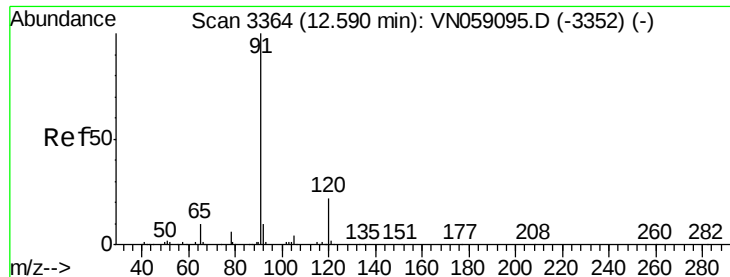
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.320 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

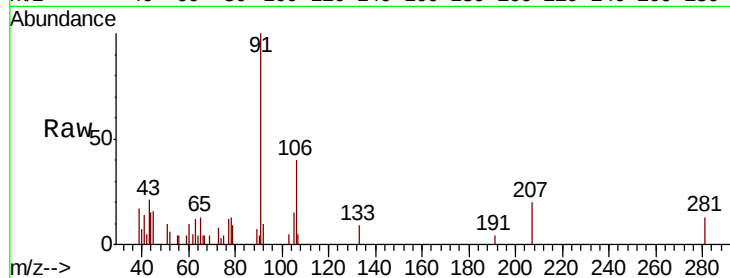
ClientSampleId :

Tot Ion: 91 Resp: 7359

Ion Ratio Lower Upper

91 100

120 0.0 11.2 33.5#



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN059095.D (-3352) (-)

12.59

5000

4000

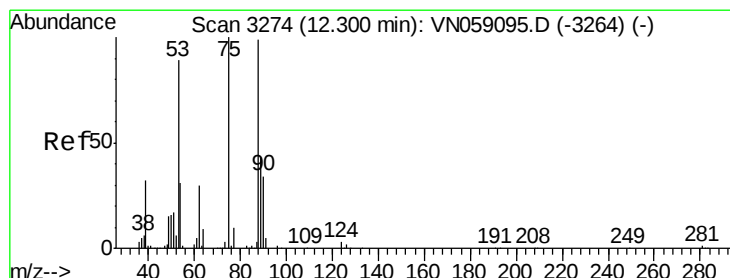
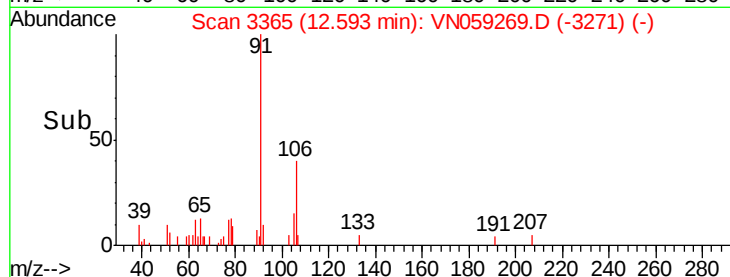
3000

2000

1000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 61.652 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

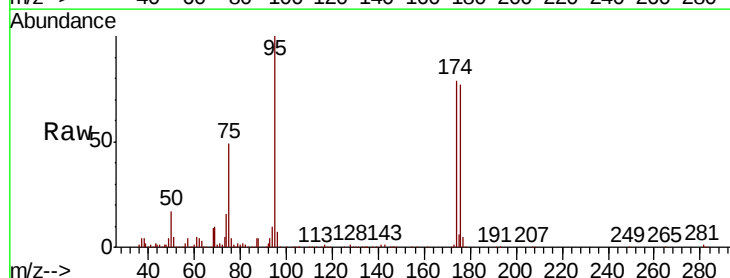
Tgt Ion: 75 Resp: 146594

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059269.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN059269.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN059269.D (-3181) (-)

120000

100000

80000

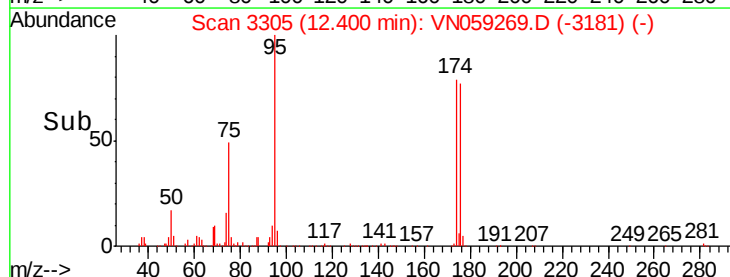
60000

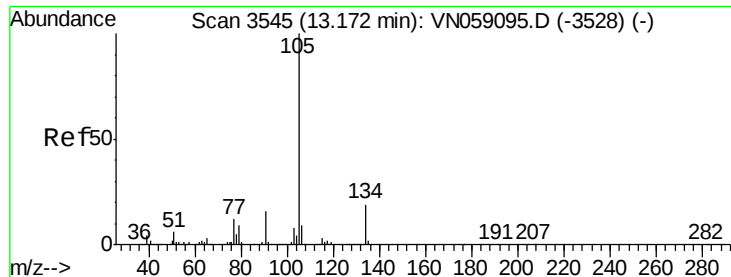
40000

20000

0

Time-->





#85

sec-Butylbenzene

Concen: 0.345 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. 0.09 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

Instrument :

MSVOA_N

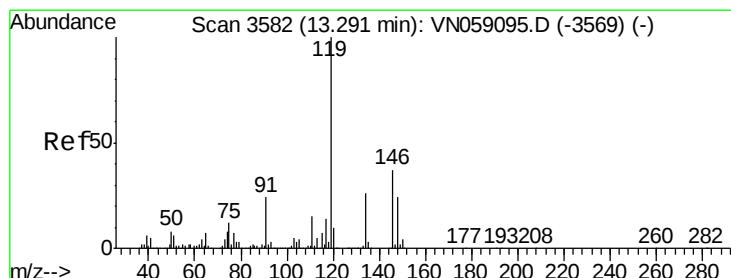
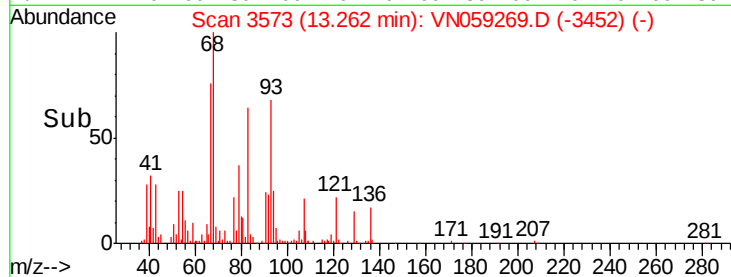
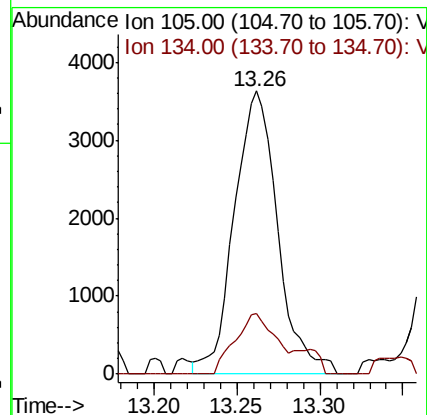
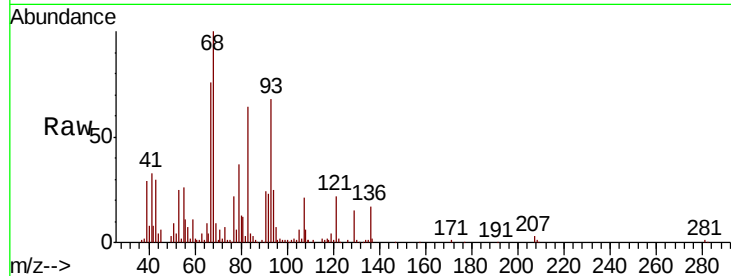
ClientSampleId :

Tot Ion:105 Resp: 6596

Ion Ratio Lower Upper

105 100

134 20.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 0.240 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.03 min

Lab File: VN059269.D

Acq: 15 Nov 2019 16:25

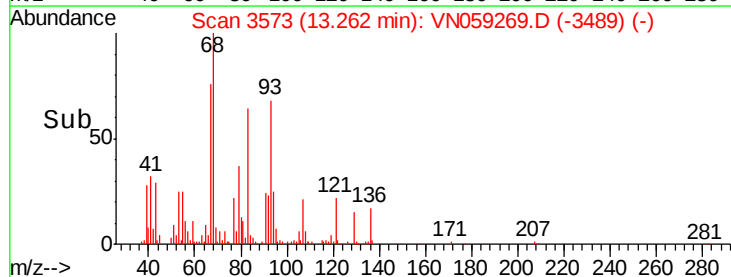
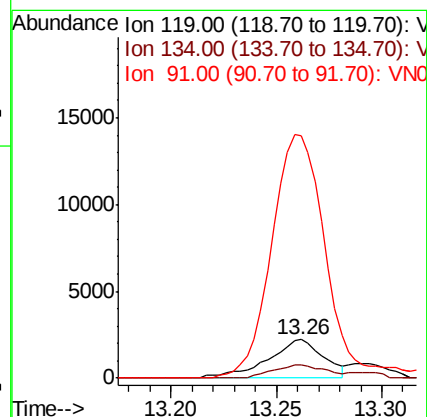
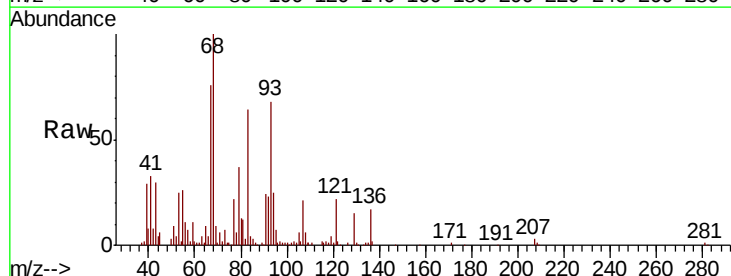
Tgt Ion:119 Resp: 4046

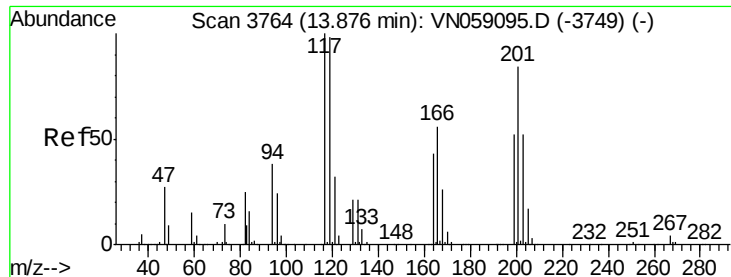
Ion Ratio Lower Upper

119 100

134 33.7 13.0 38.9

91 621.4 11.7 35.1#

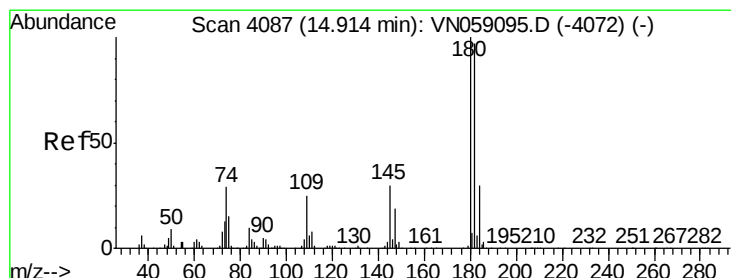
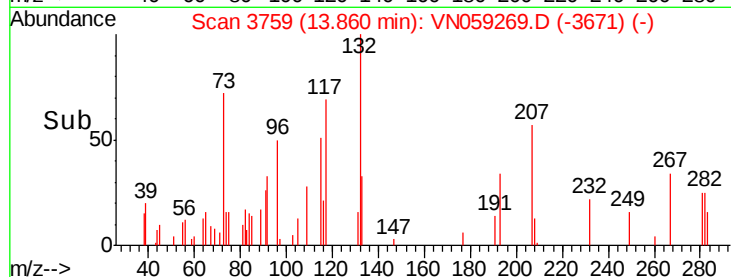
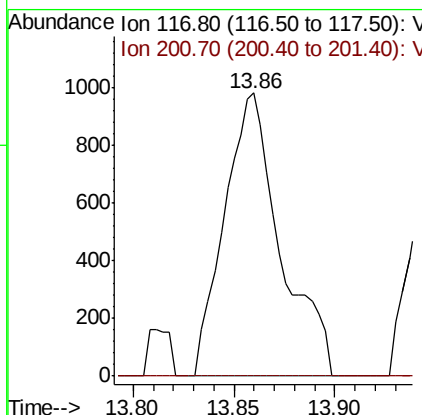
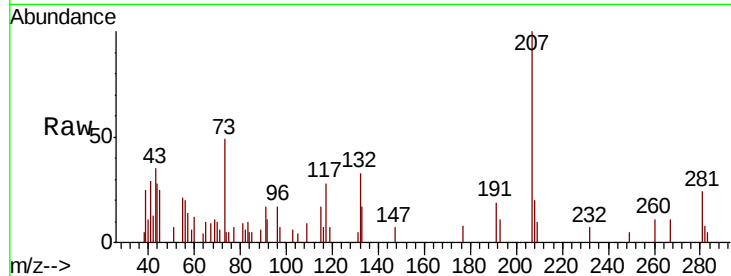




#90
Hexachloroethane
Concen: 0.560 ug/l
RT: 13.86 min Scan# 3759
Delta R.T. -0.02 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

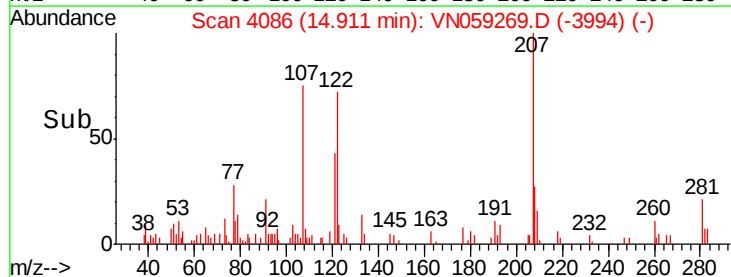
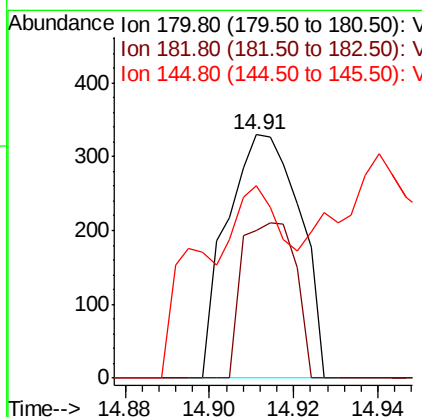
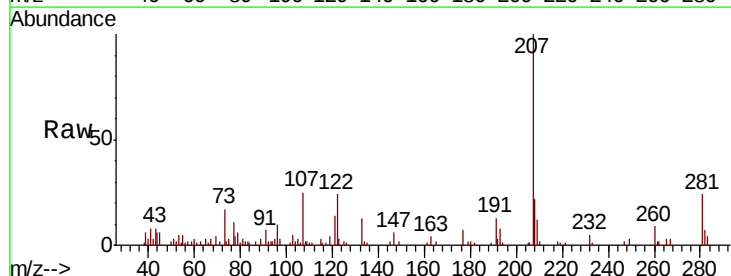
Instrument :
MSVOA_N
ClientSampled :

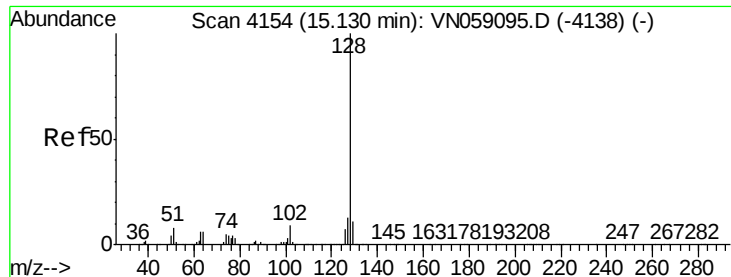
Tot Ion:117 Resp: 1896
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.118 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Tgt Ion:180 Resp: 395
Ion Ratio Lower Upper
180 100
182 47.1 48.1 144.3#
145 94.7 15.1 45.3#

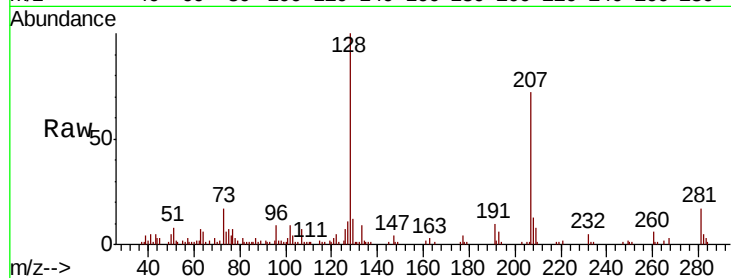




#95
Naphthalene
Concen: 6.072 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059269.D
Acq: 15 Nov 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	12.9	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

