

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103119\
 Data File : VN059029.D
 Acq On : 31 Oct 2019 11:20
 Operator : JC/SP
 Sample : PB124436TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:09:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	410198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	646602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200186	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	276480	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
35) Dibromofluoromethane	7.57	113	207080	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	10.08	98	809944	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.41	95	251821	41.55	ug/l	0.00
Spiked Amount			Recovery	=	83.10%	

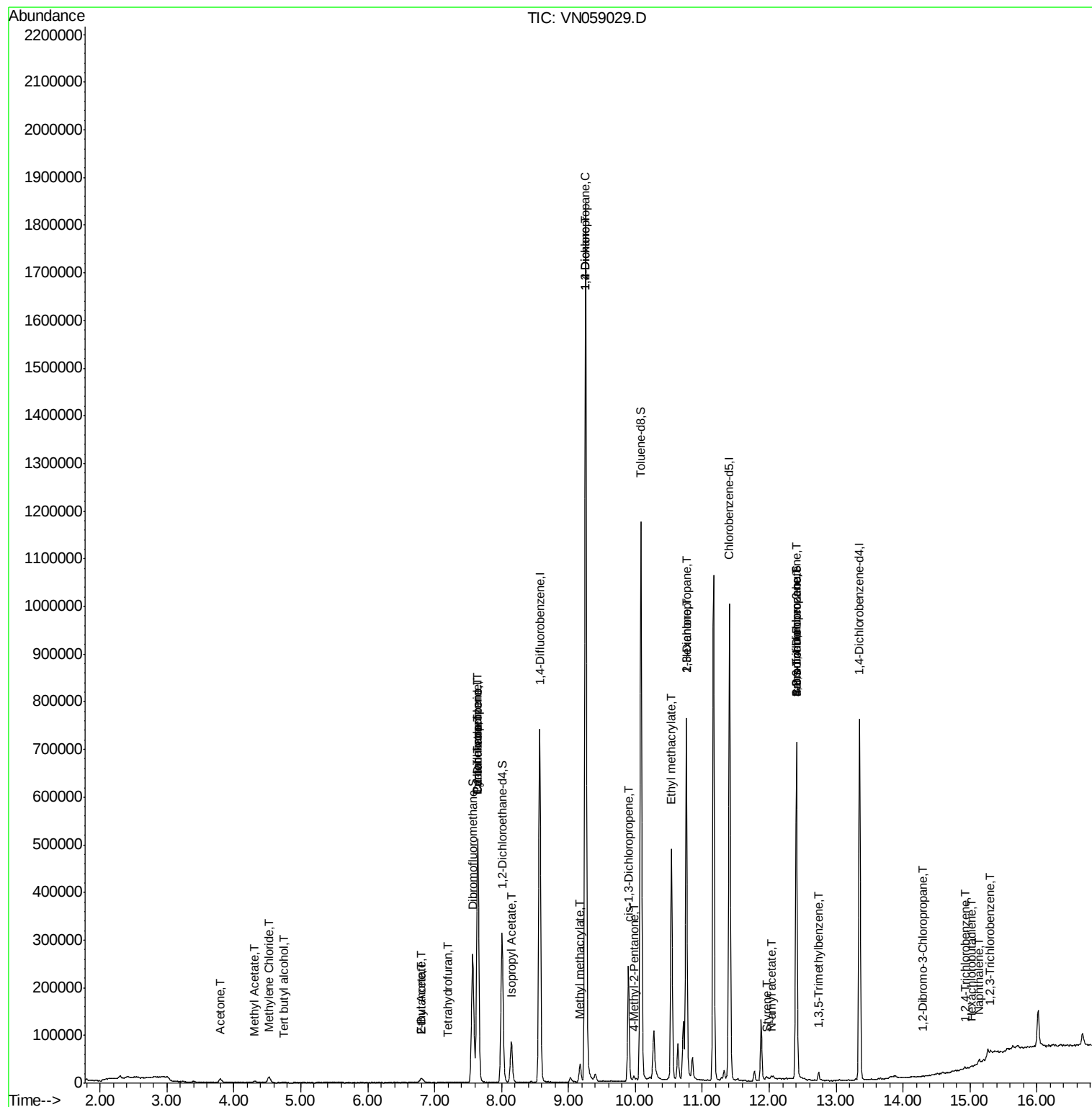
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	282	0.282	ug/l #	72
16) Acetone	3.80	43	13994	4.707	ug/l	100
18) Methyl Acetate	4.31	43	4632	0.685	ug/l #	79
20) Methylene Chloride	4.52	84	8673	1.709	ug/l	97
25) 2-Butanone	6.82	43	6021	1.560	ug/l	91
29) Tetrahydrofuran	7.19	42	731	0.310	ug/l #	43
31) Cyclohexane	7.64	56	9013	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	33702	5.091	ug/l #	51
37) Ethyl Acetate	6.82	43	6021	0.835	ug/l #	78
38) Carbon Tetrachloride	7.64	117	40015	5.868	ug/l #	16
43) Isopropyl Acetate	8.15	43	100870	8.720	ug/l	93
45) 1,2-Dichloropropane	9.25	63	2114	0.397	ug/l #	44
48) Methyl methacrylate	9.17	41	6171	1.176	ug/l #	14
49) 1,4-Dioxane	9.25	88	64	0.743	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	7726	1.143	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	41141	5.008	ug/l #	64
56) Ethyl methacrylate	10.54	69	1876	2.323	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7676	0.921	ug/l #	43
59) 2-Hexanone	10.76	43	114062	21.845	ug/l #	55
70) Styrene	11.97	104	822	1.773	ug/l #	73
71) Bromoform	12.41	173	1176	0.345	ug/l #	1
74) N-amyl acetate	12.03	43	3919	0.591	ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	132036	28.459	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	8944	0.728	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.41	75	132036	74.138	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.28	75	267	0.229	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.93	180	1382	2.850	ug/l	96
94) Hexachlorobutadiene	15.02	225	558	0.272	ug/l	94
95) Naphthalene	15.14	128	4804	2.626	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.30	180	1693	2.809	ug/l #	19

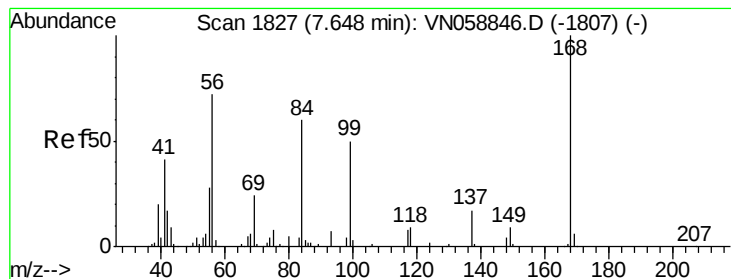
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 00:16:20 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: VN059029.D

Acq: 31 Oct 2019 11:20

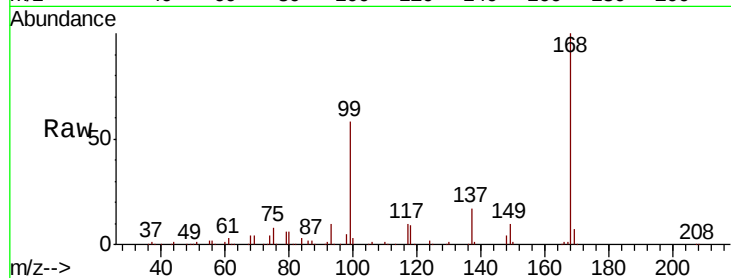
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 410198

Ion Ratio Lower Upper

168 100

99 58.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

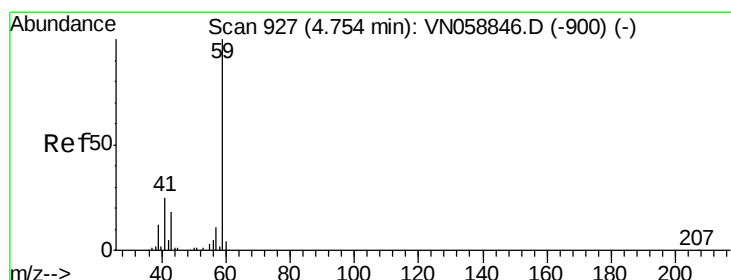
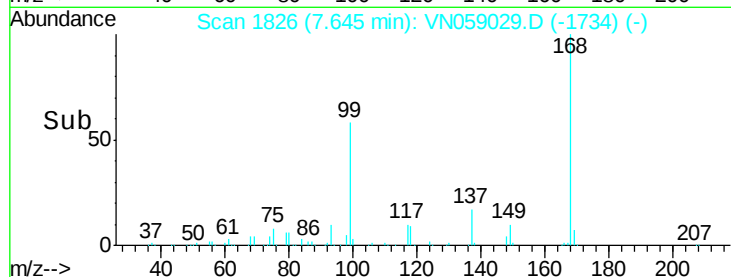
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.282 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN059029.D

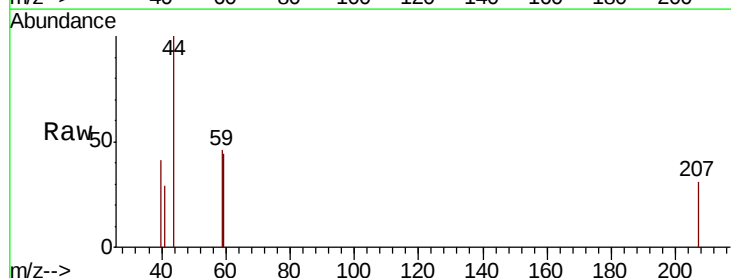
Acq: 31 Oct 2019 11:20

Tgt Ion: 59 Resp: 282

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.75

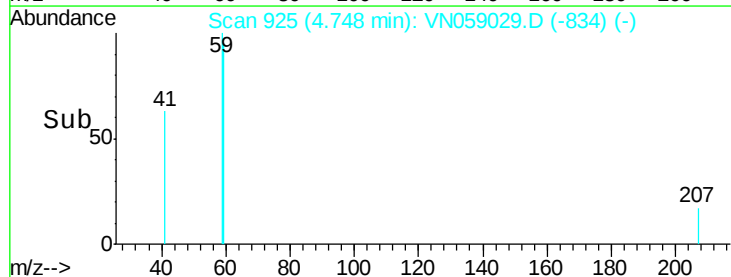
600

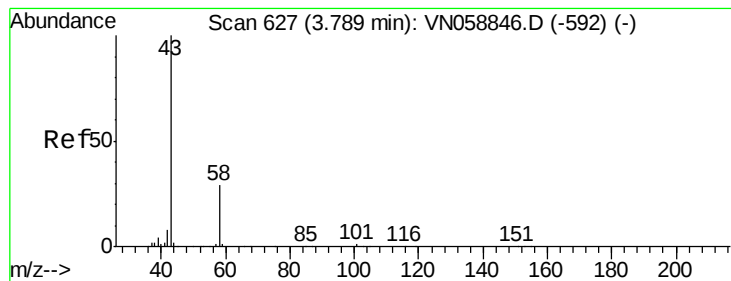
400

200

0

Time-->





#16

Acetone

Concen: 4.707 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

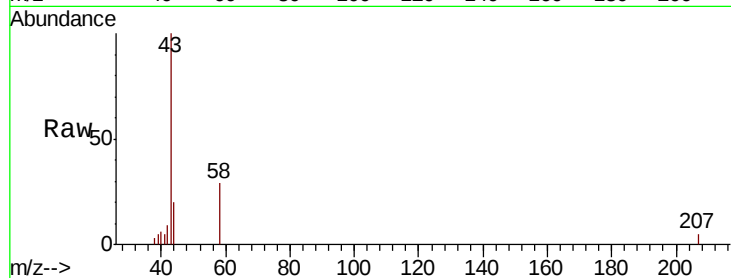
ClientSampleId :

Tot Ion: 43 Resp: 13994

Ion Ratio Lower Upper

43 100

58 28.9 23.1 34.7

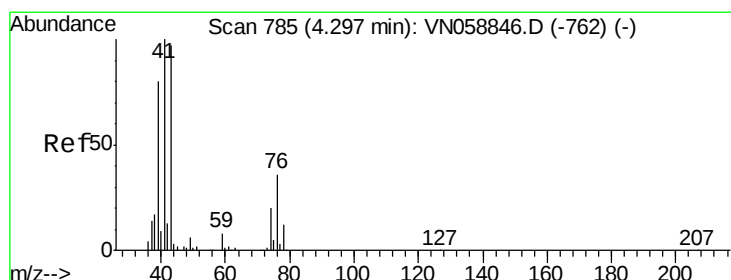
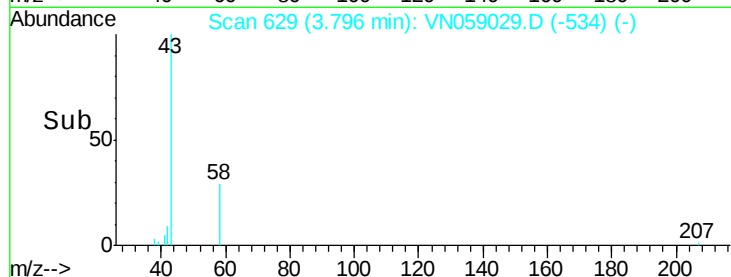


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

Time-->



#18

Methyl Acetate

Concen: 0.685 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN059029.D

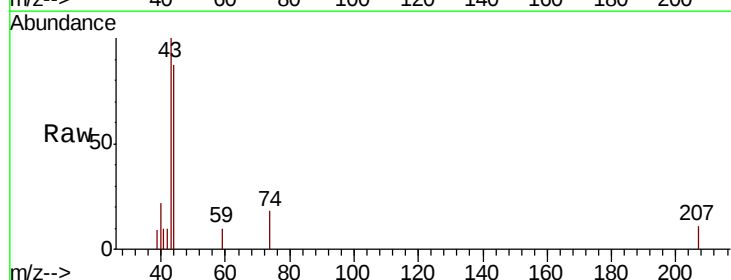
Acq: 31 Oct 2019 11:20

Tgt Ion: 43 Resp: 4632

Ion Ratio Lower Upper

43 100

74 11.5 17.1 25.7#

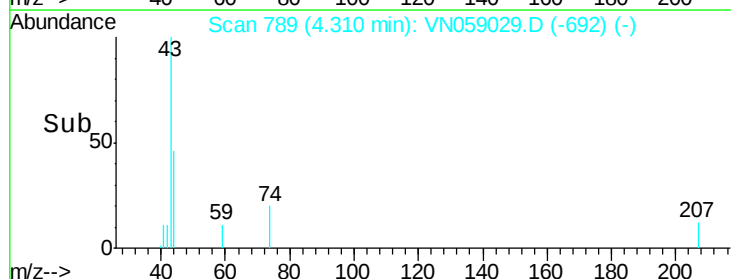


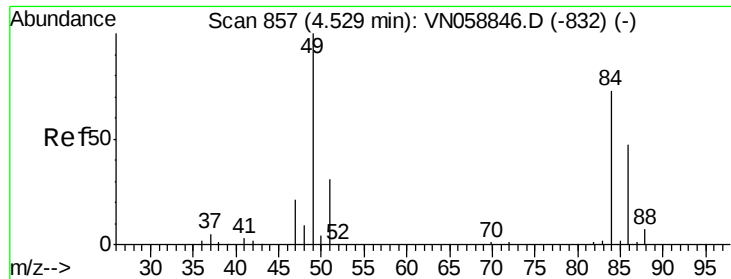
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.31

Time-->

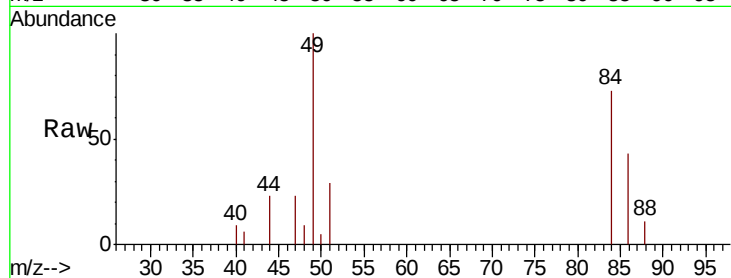




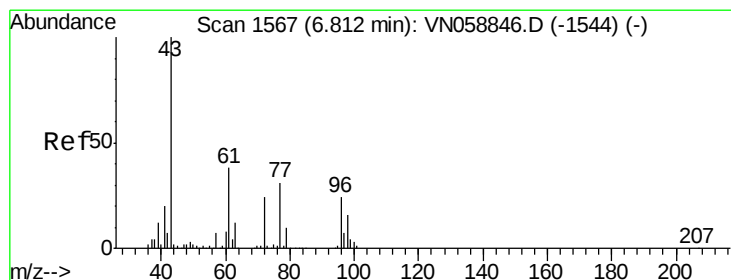
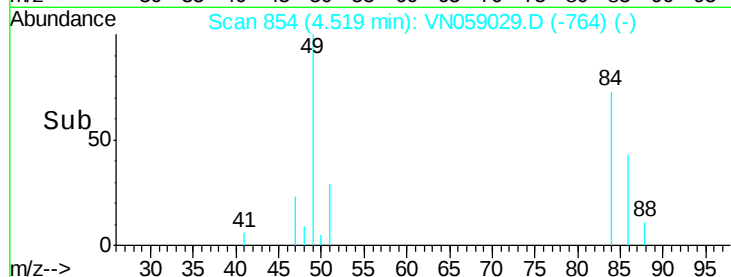
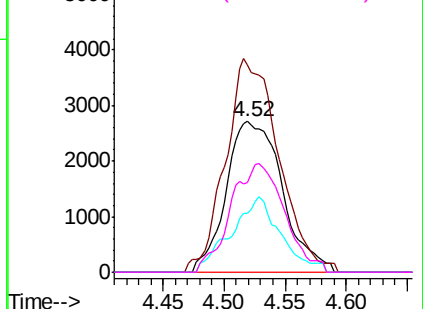
#20
Methvlene Chloride
Concen: 1.709 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 8673
Ion Ratio Lower Upper
84 100
49 137.6 109.6 164.4
51 39.4 33.8 50.6
86 59.4 51.5 77.3

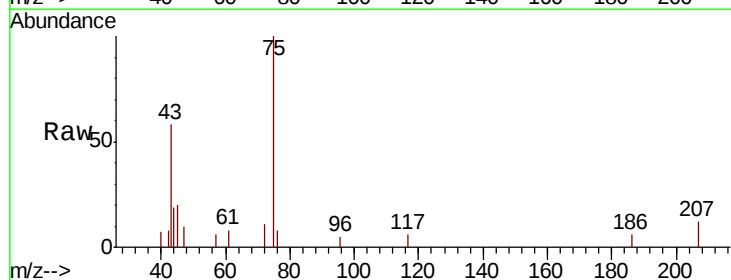


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

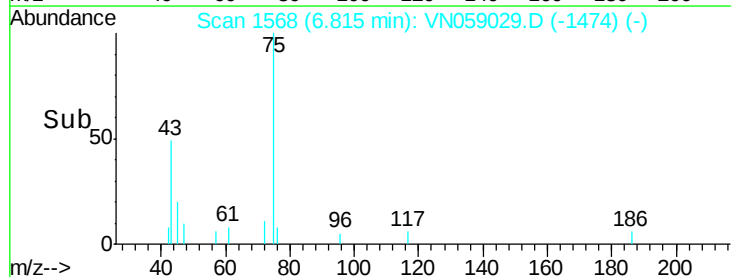
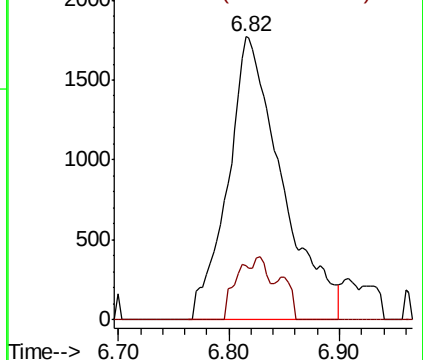


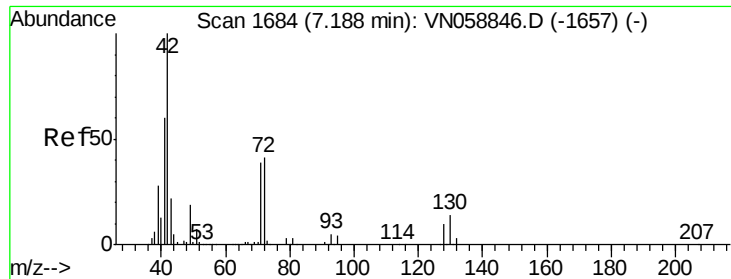
#25
2-Butanone
Concen: 1.560 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

Tgt Ion: 43 Resp: 6021
Ion Ratio Lower Upper
43 100
72 19.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.310 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

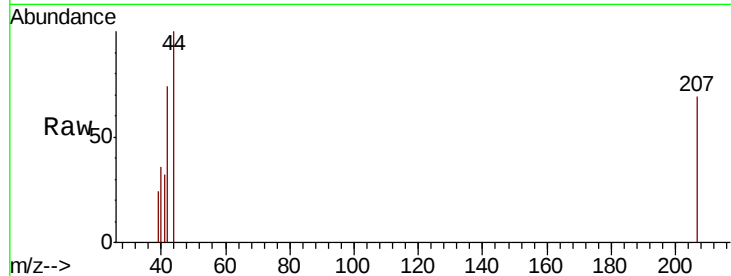
Tot Ion: 42 Resp: 731

Ion Ratio Lower Upper

42 100

72 8.8 32.2 48.2#

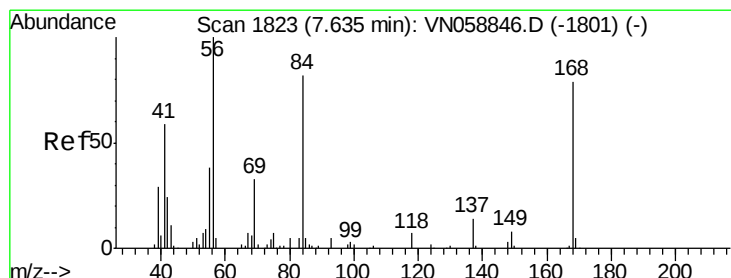
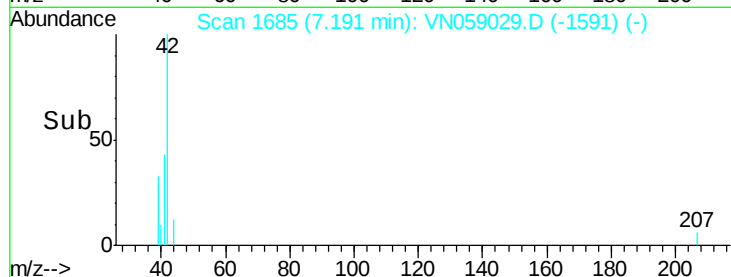
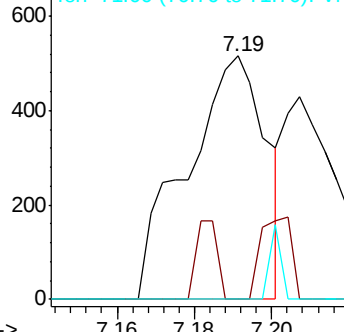
71 0.0 30.6 45.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

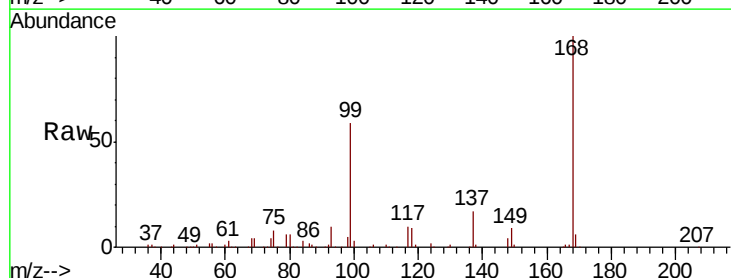
Tgt Ion: 56 Resp: 9013

Ion Ratio Lower Upper

56 100

69 163.8 26.2 39.4#

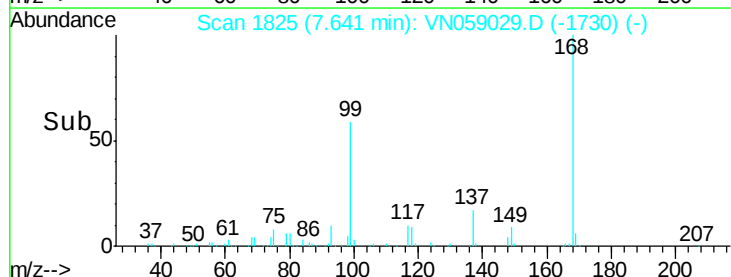
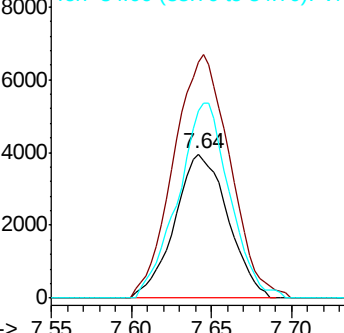
84 129.9 65.6 98.4#

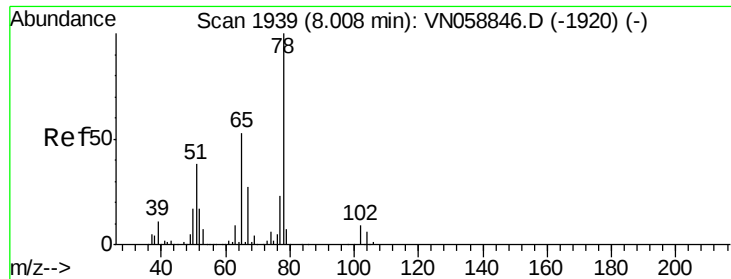


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

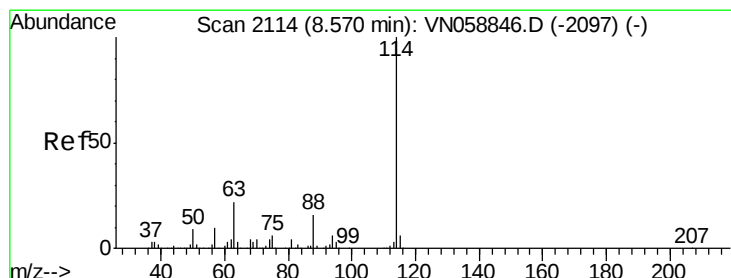
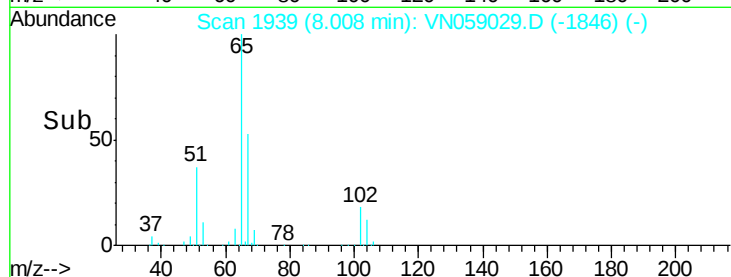
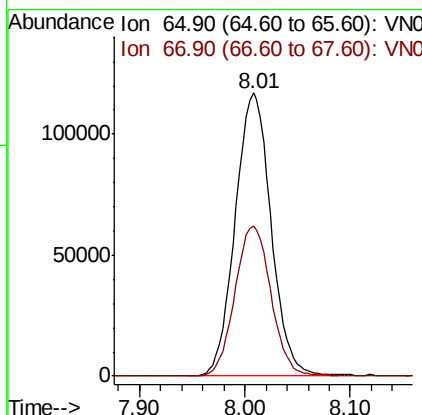
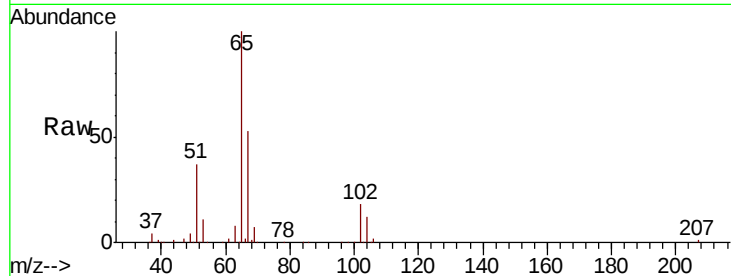




#33
 1,2-Dichloroethane-d4
 Concen: 45.956 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

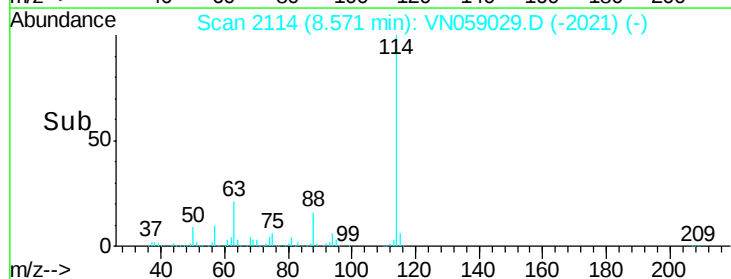
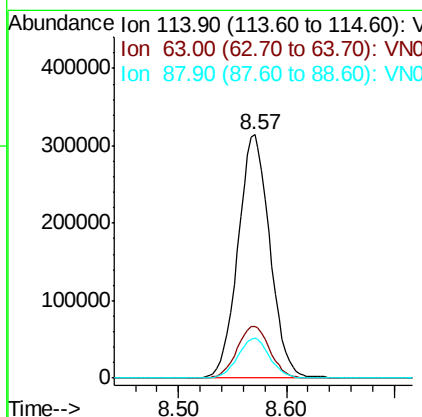
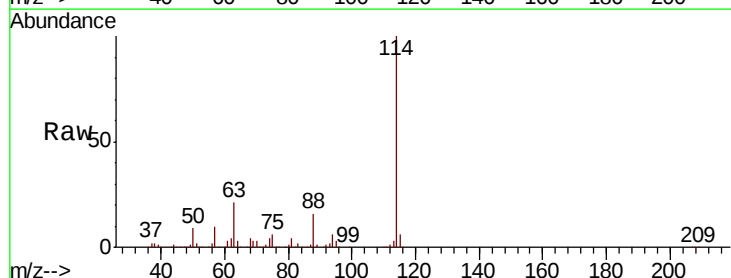
Instrument :
 MSVOA_N
 ClientSampled :

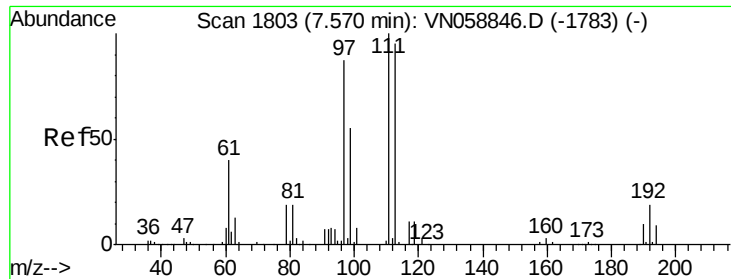
Tot Ion: 65 Resp: 276480
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

Tgt Ion: 114 Resp: 646602
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.4
 88 16.5 0.0 31.4

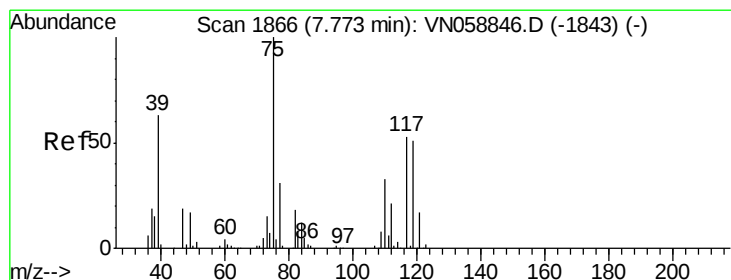
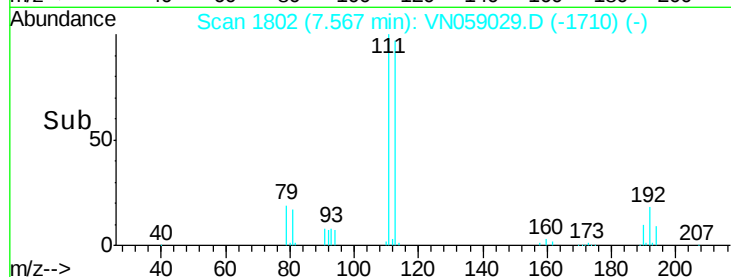
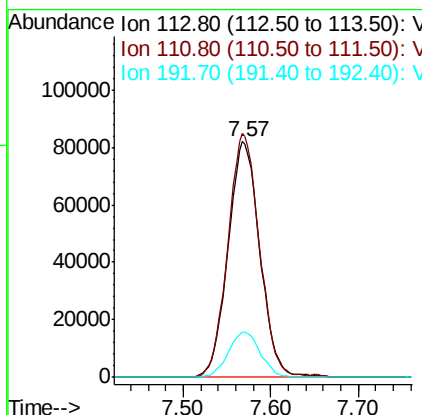
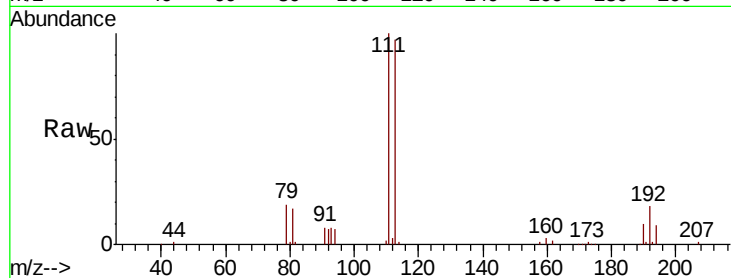




#35
 Dibromofluoromethane
 Concen: 48.710 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

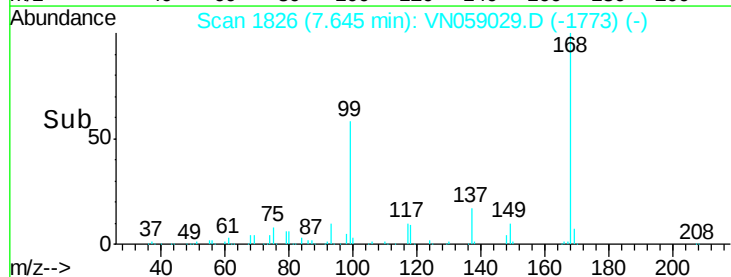
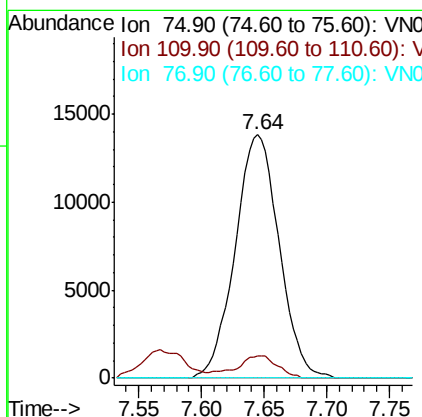
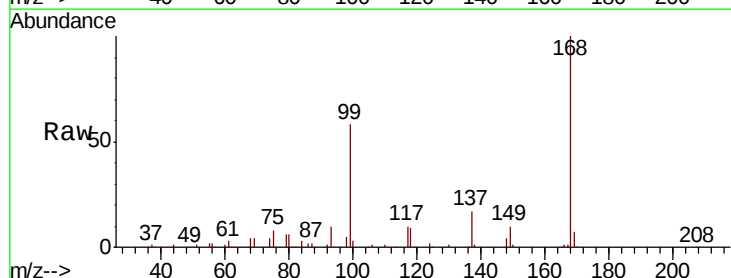
Instrument :
 MSVOA_N
 ClientSampled :

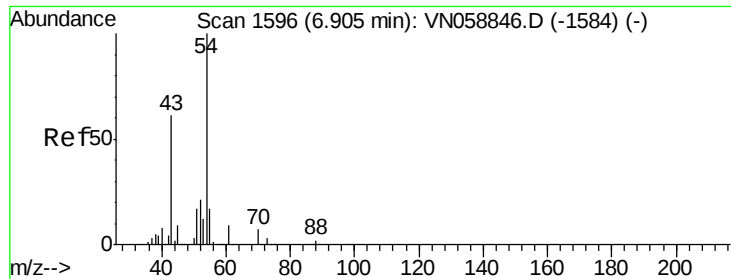
Tot Ion:113 Resp: 207080
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 19.4 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 5.091 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

Tgt Ion: 75 Resp: 33702
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.3 48.9#
 77 0.0 24.6 36.8#

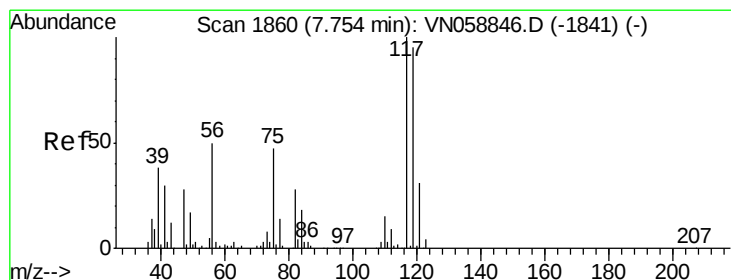
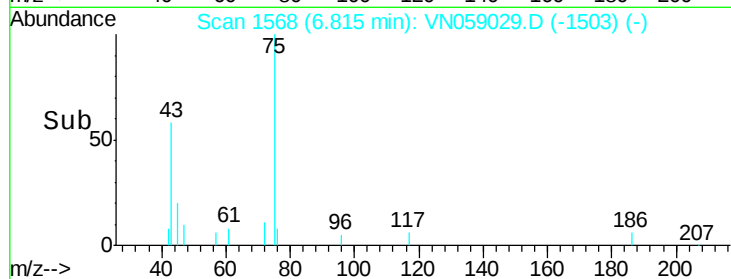
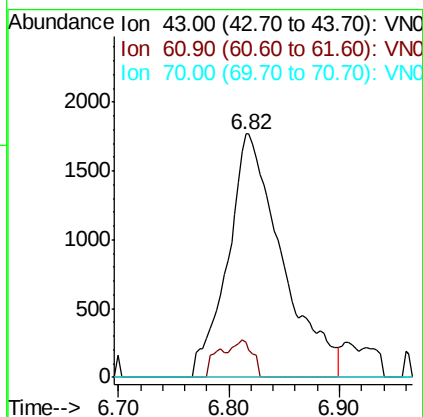
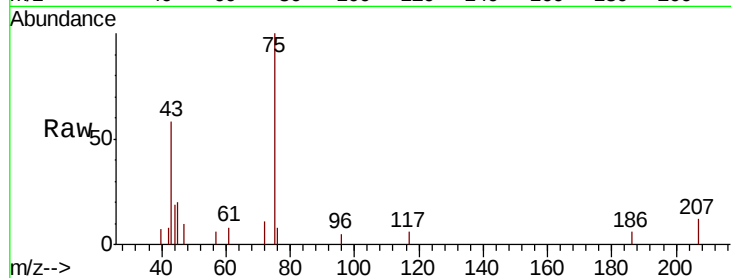




#37
Ethyl Acetate
Concen: 0.835 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. -0.09 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

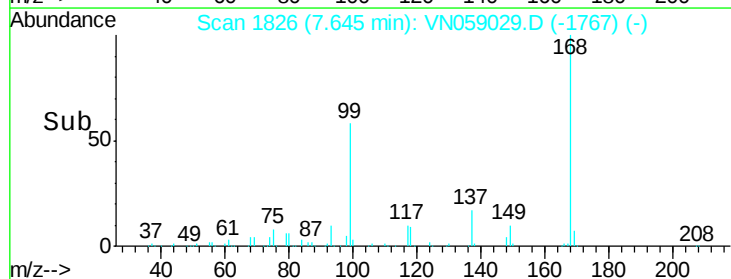
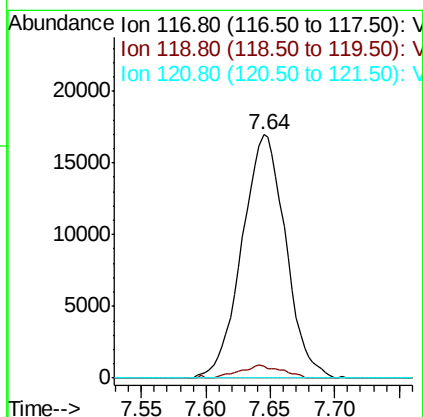
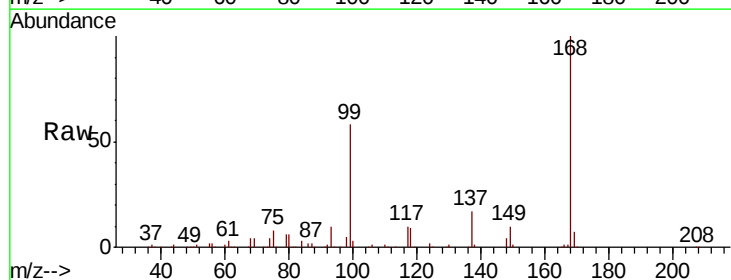
Instrument :
MSVOA_N
ClientSampleId :

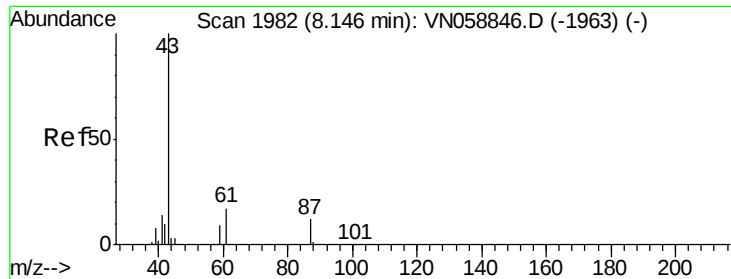
Tot Ion: 43 Resp: 6021
Ion Ratio Lower Upper
43 100
61 5.6 10.5 15.7#
70 0.0 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 5.868 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

Tgt Ion: 117 Resp: 40015
Ion Ratio Lower Upper
117 100
119 4.7 75.7 113.5#
121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 8.720 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :
MSVOA_N
ClientSampled :

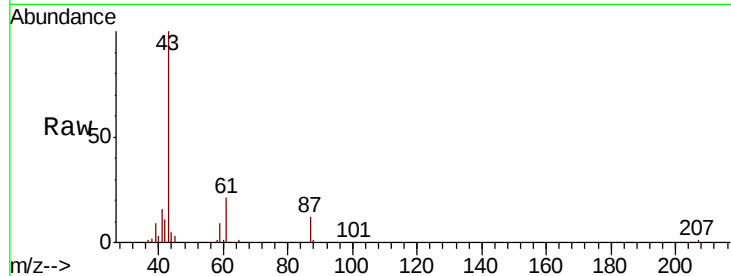
Tot Ion: 43 Resp: 100870

Ion Ratio Lower Upper

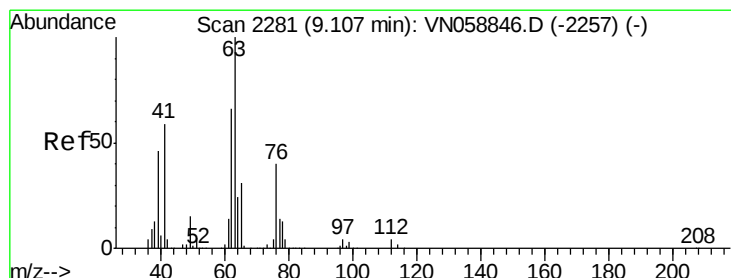
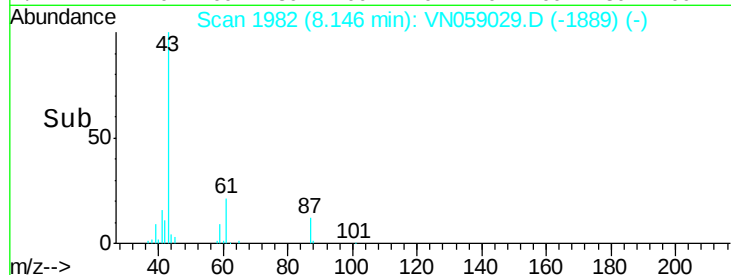
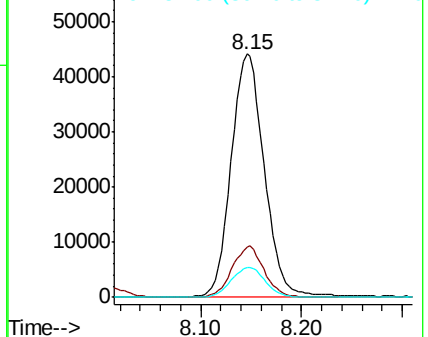
43 100

61 20.2 20.2 30.2

87 12.4 9.5 14.3



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



#45

1,2-Dichloropropane

Concen: 0.397 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.14 min

Lab File: VN059029.D

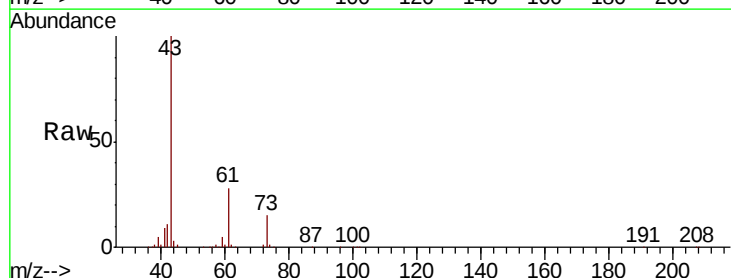
Acq: 31 Oct 2019 11:20

Tgt Ion: 63 Resp: 2114

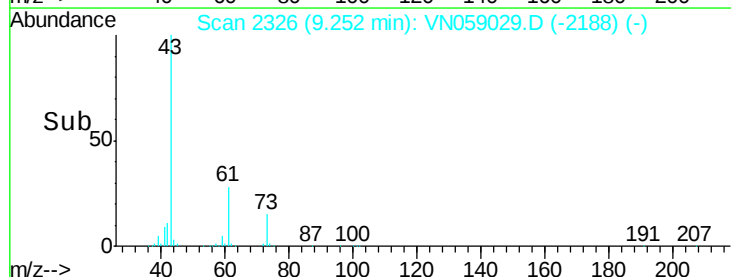
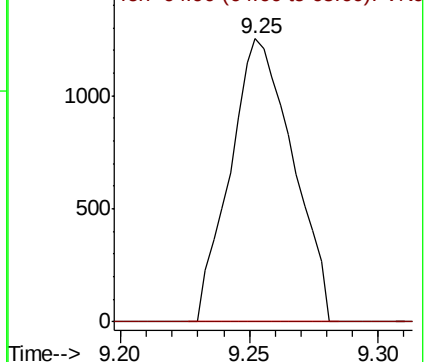
Ion Ratio Lower Upper

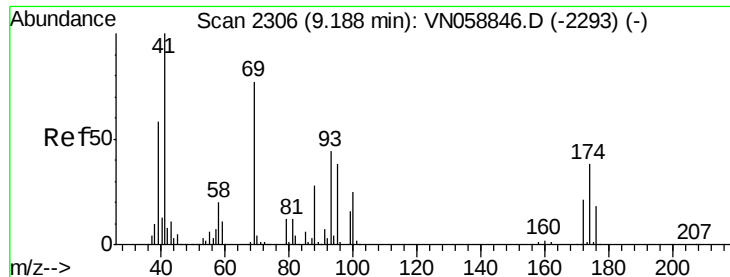
63 100

65 0.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VNC
Ion 64.90 (64.60 to 65.60): VNC

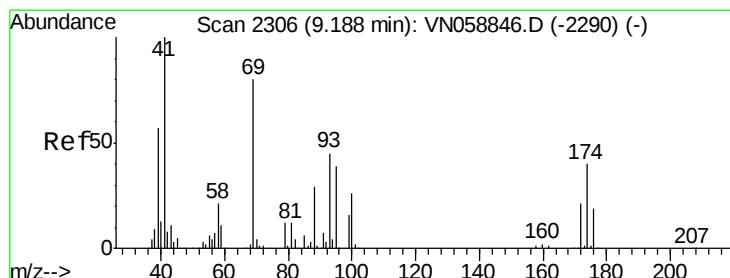
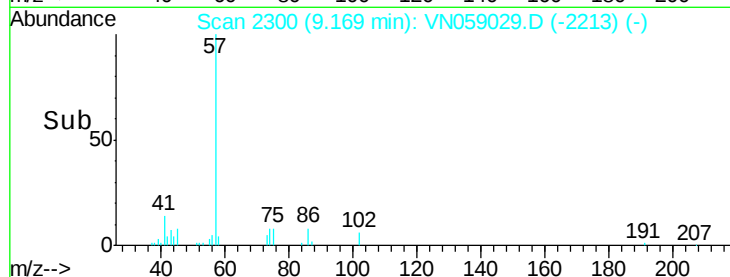
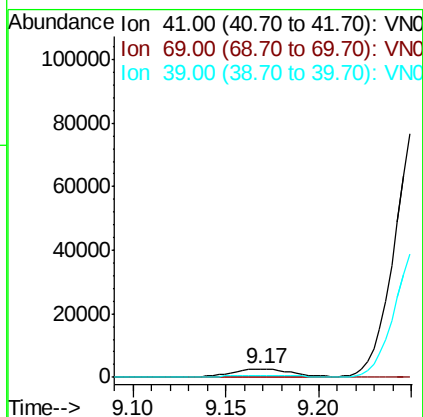
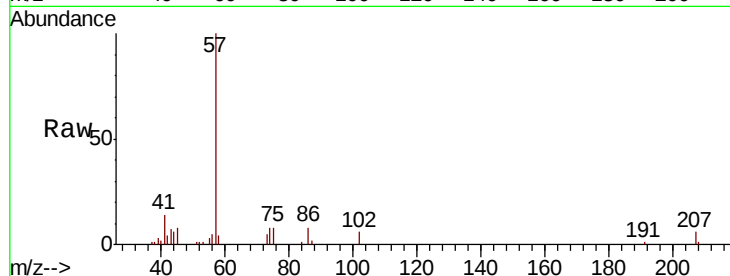




#48
Methvl methacrylate
Concen: 1.176 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

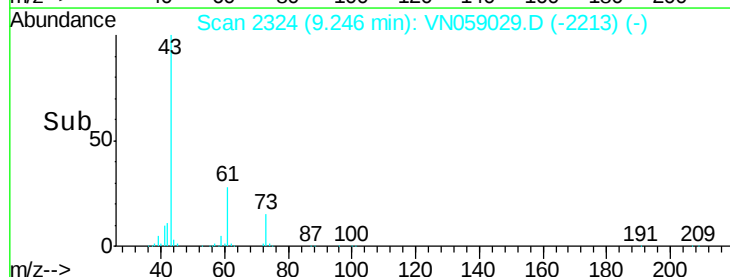
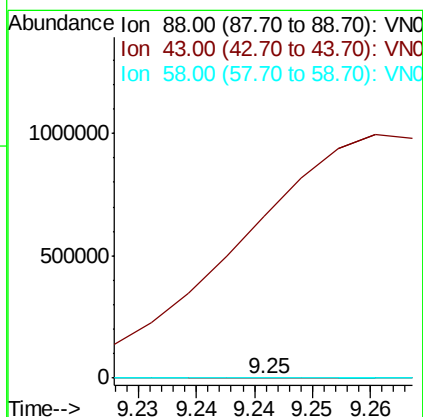
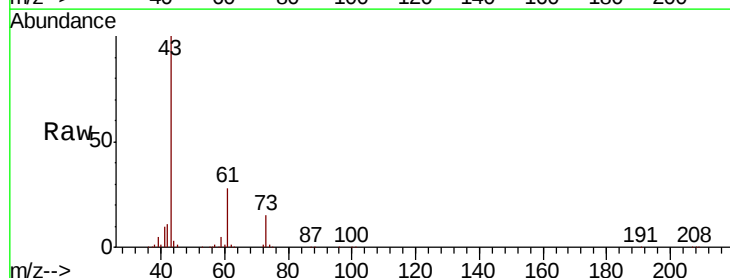
Instrument :
MSVOA_N
ClientSampled :

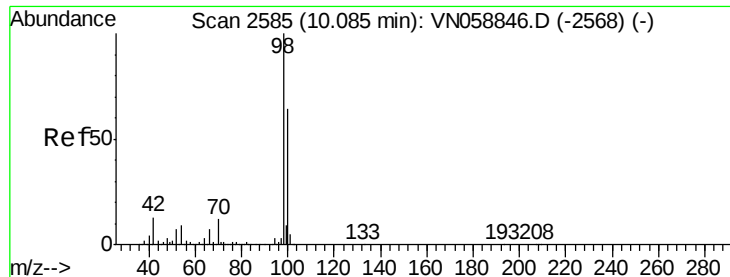
Tot Ion: 41 Resp: 6171
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 0.0 47.8 71.8#



#49
1,4-Dioxane
Concen: 0.743 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.06 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 29.1 43.7#
58 0.0 59.4 89.0#





#50

Toluene-d8

Concen: 49.079 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

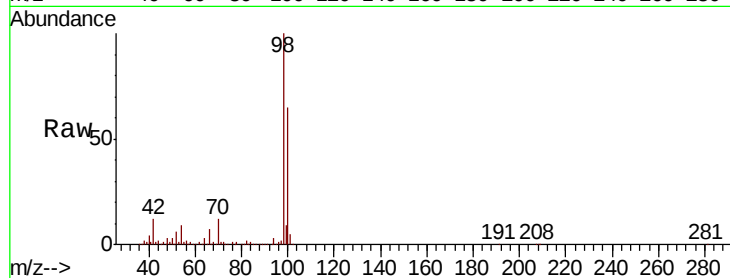
ClientSampleId :

Tot Ion: 98 Resp: 809944

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)

10.08

500000

400000

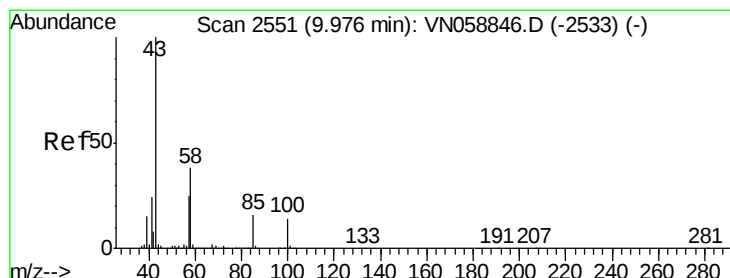
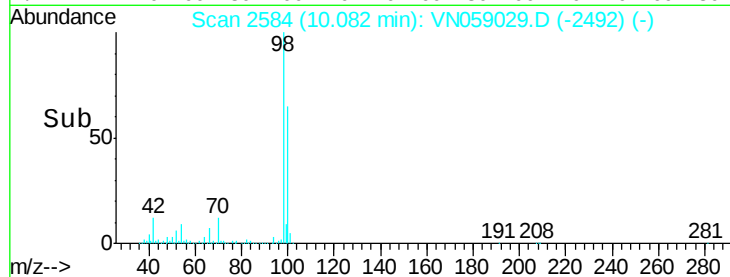
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.143 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059029.D

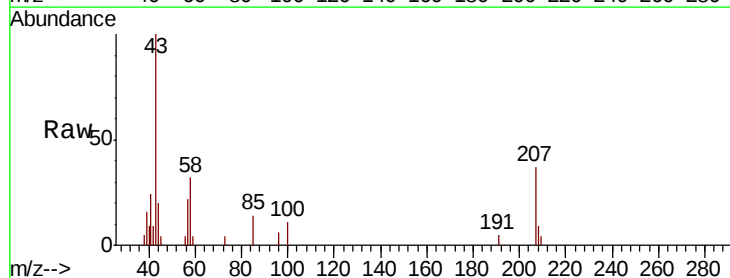
Acq: 31 Oct 2019 11:20

Tgt Ion: 43 Resp: 7726

Ion Ratio Lower Upper

43 100

58 35.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-2533) (-)

9.98

6000

5000

4000

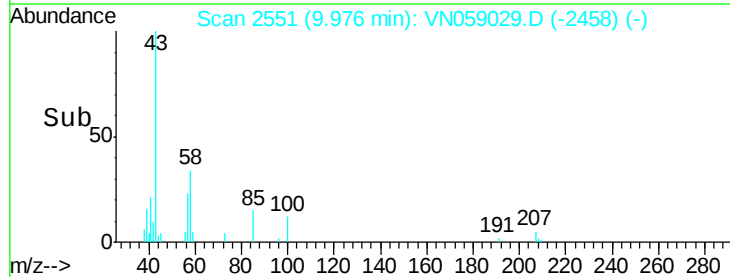
3000

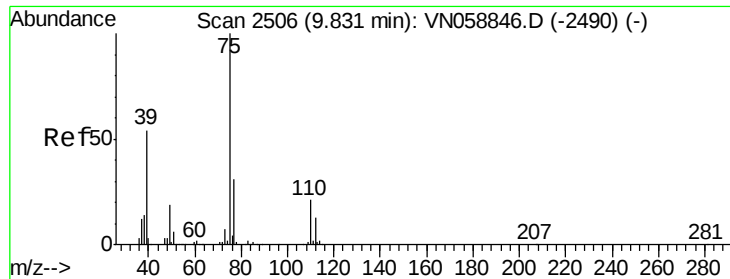
2000

1000

0

Time-->

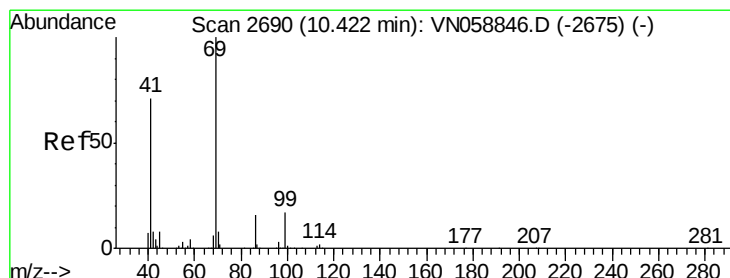
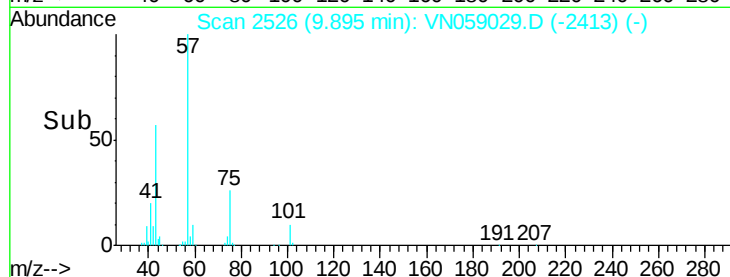
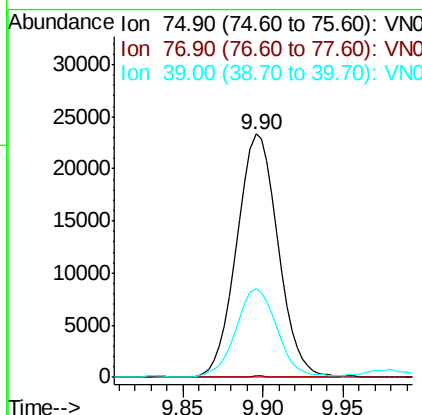
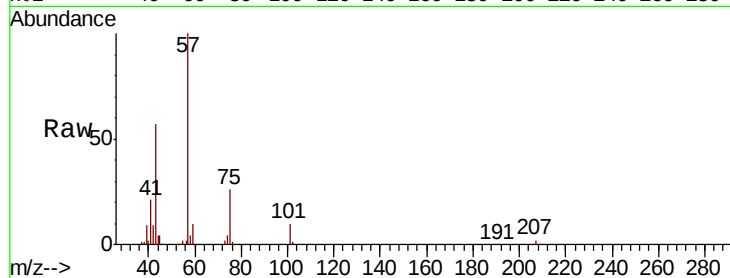




#54
 cis-1,3-Dichloropropene
 Concen: 5.008 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.06 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

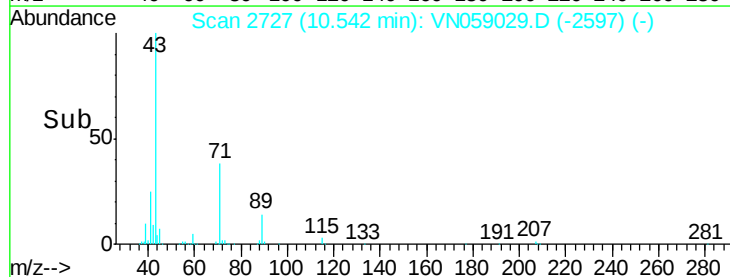
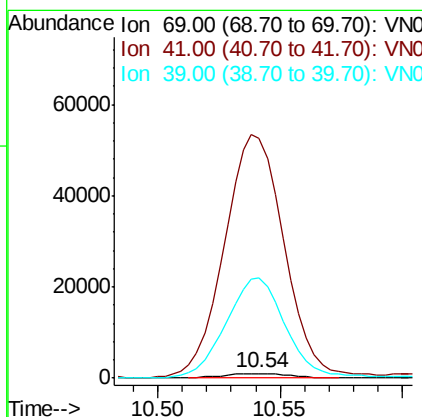
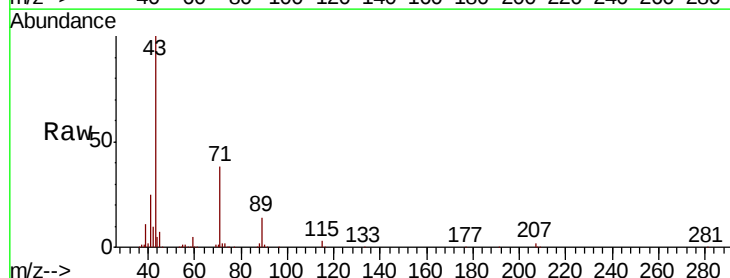
Instrument :
 MSVOA_N
 ClientSampleId :

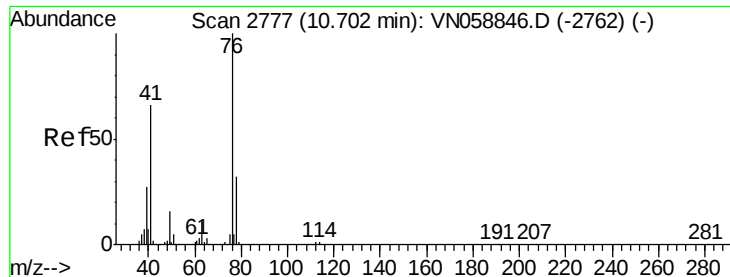
Tot Ion: 75 Resp: 41141
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.7 37.1#
 39 36.6 43.5 65.3#



#56
 Ethyl methacrylate
 Concen: 2.323 ug/l
 RT: 10.54 min Scan# 2727
 Delta R.T. 0.12 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

Tgt Ion: 69 Resp: 1876
 Ion Ratio Lower Upper
 69 100
 41 4826.4 57.2 85.8#
 39 2006.2 31.0 46.4#





#57

1,3-Dichloropropane

Concen: 0.921 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

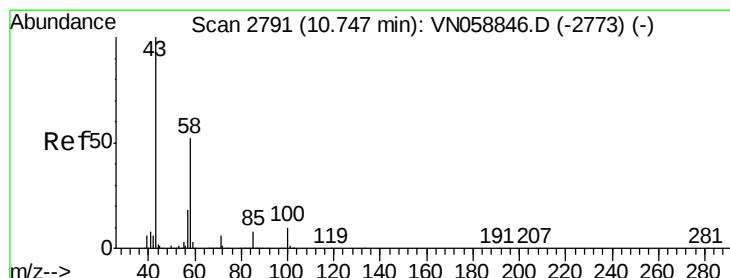
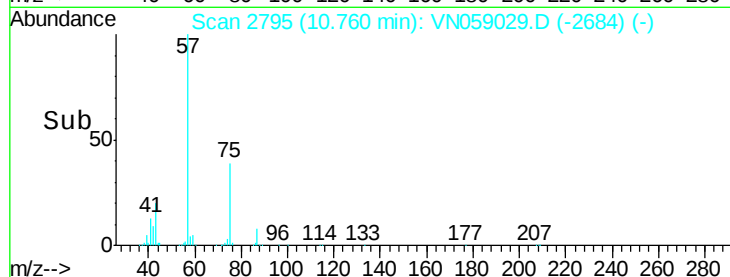
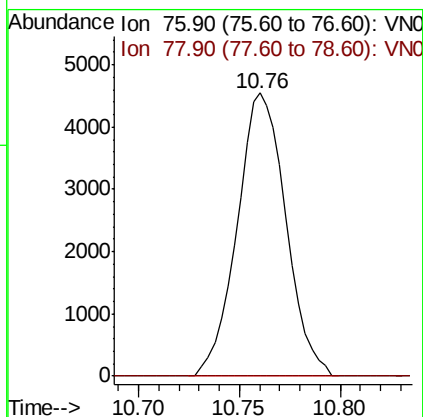
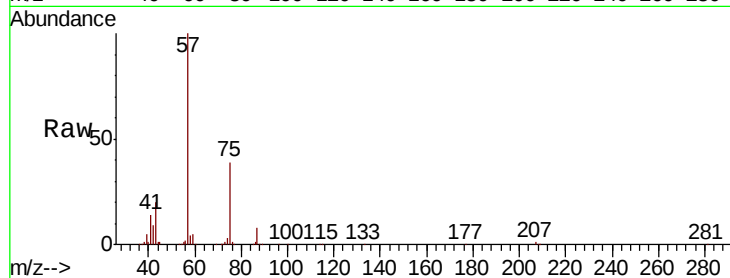
ClientSampled :

Tot Ion: 76 Resp: 7676

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#



#59

2-Hexanone

Concen: 21.845 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN059029.D

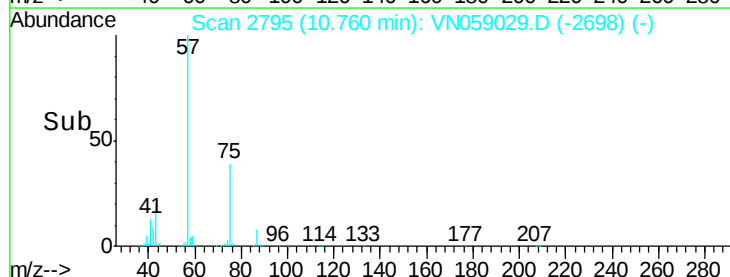
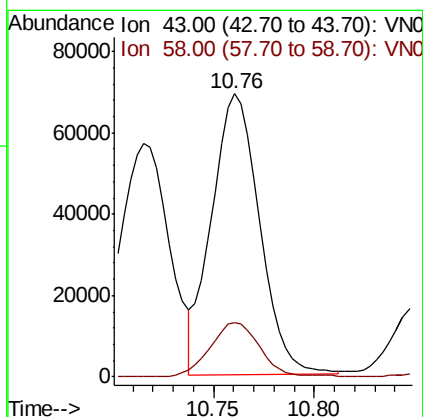
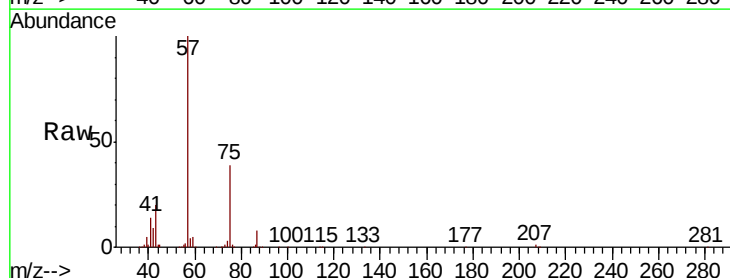
Acq: 31 Oct 2019 11:20

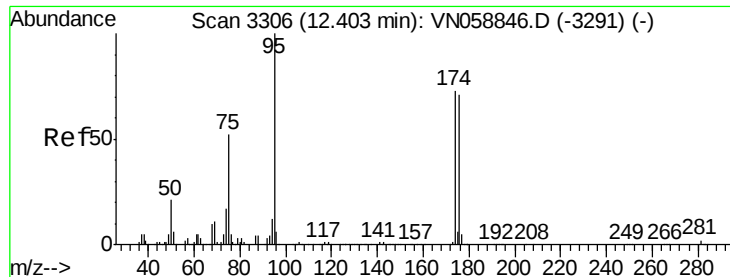
Tgt Ion: 43 Resp: 114062

Ion Ratio Lower Upper

43 100

58 20.1 25.9 77.7#

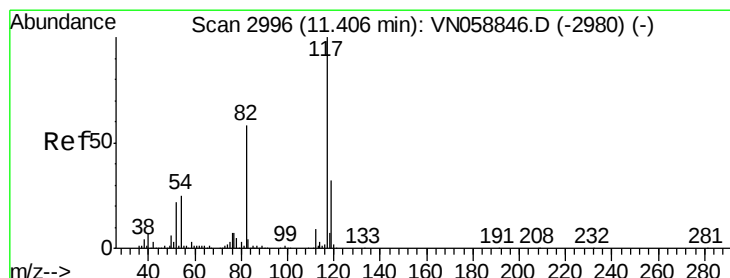
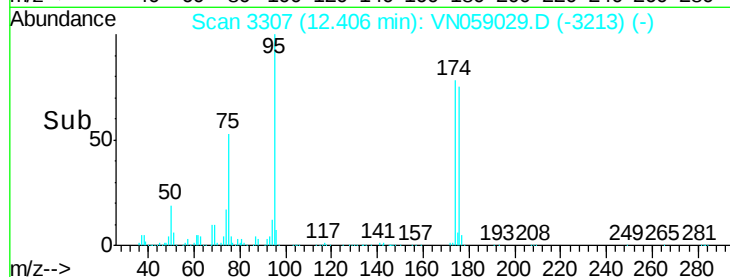
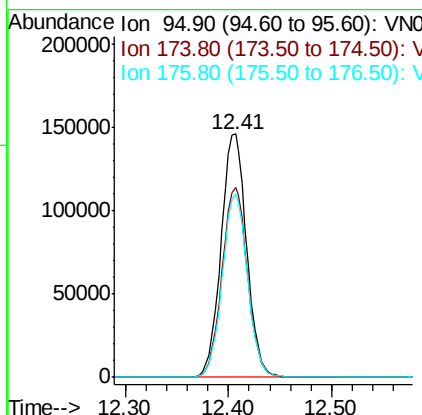
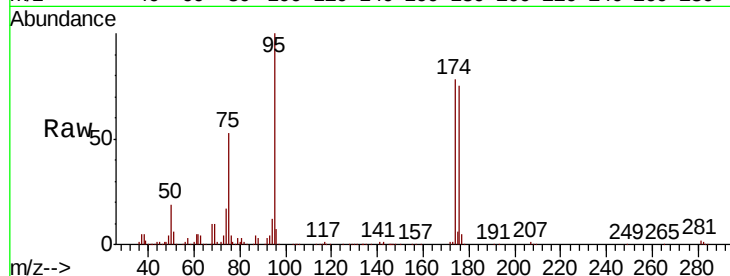




#62
4-Bromofluorobenzene
Concen: 41.553 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

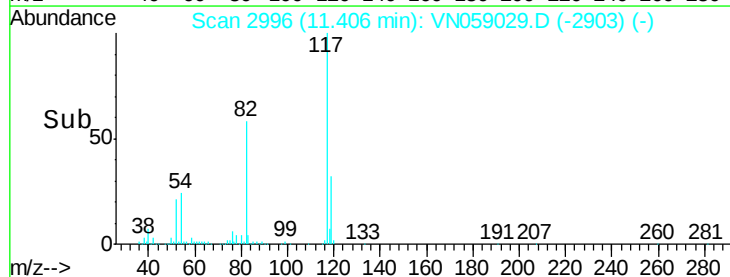
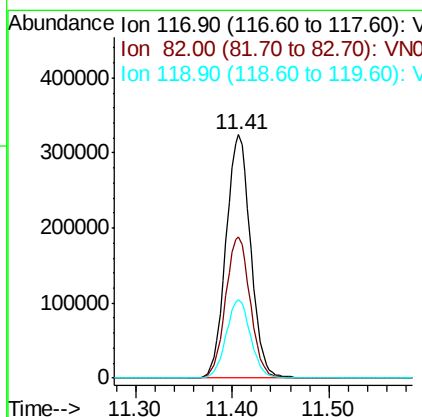
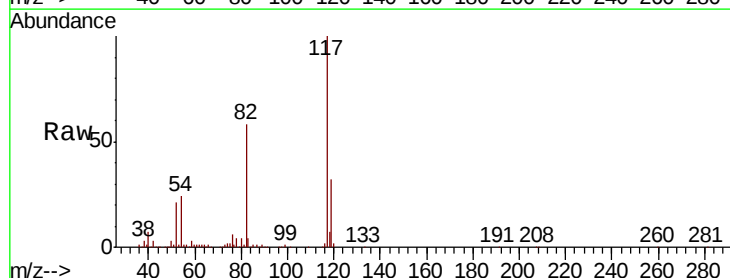
Instrument :
MSVOA_N
ClientSampleId :

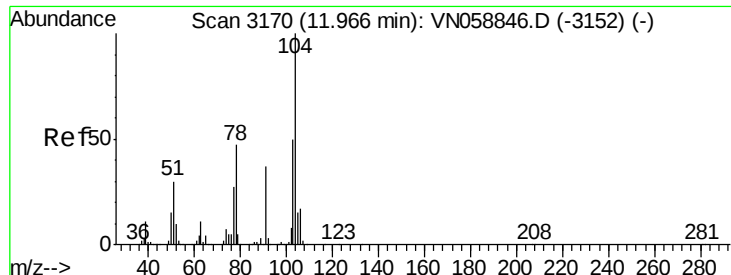
Tot Ion: 95 Resp: 251821
Ion Ratio Lower Upper
95 100
174 77.5 0.0 147.6
176 74.3 0.0 143.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

Tgt Ion: 117 Resp: 572615
Ion Ratio Lower Upper
117 100
82 58.3 46.6 69.8
119 32.2 25.6 38.4





#70

Stvrene

Concen: 1.773 ug/l

RT: 11.97 min Scan# 3172

Delta R.T. 0.01 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

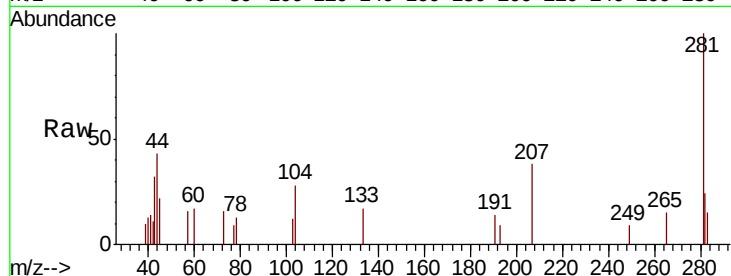
Tot Ion:104 Resp: 822

Ion Ratio Lower Upper

104 100

78 67.3 42.8 64.2#

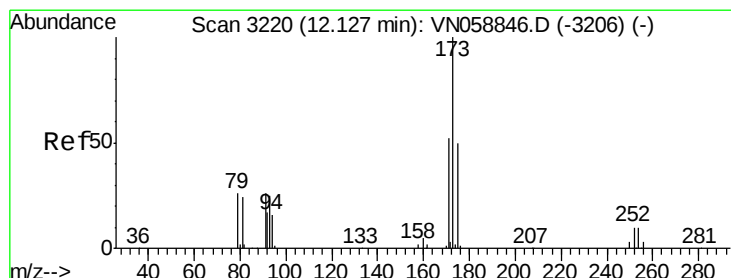
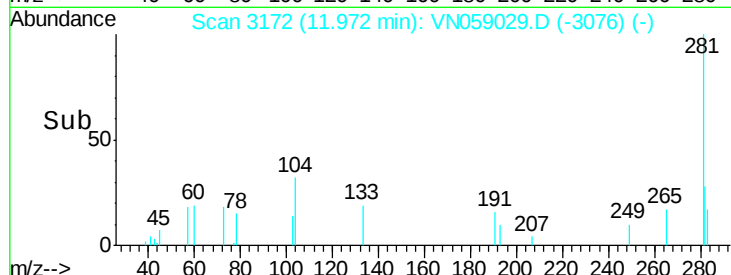
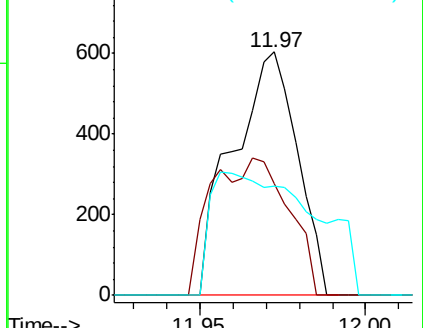
103 80.4 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.345 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

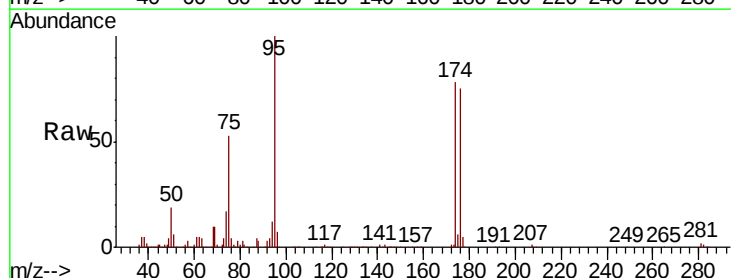
Tgt Ion:173 Resp: 1176

Ion Ratio Lower Upper

173 100

175 890.4 24.7 74.1#

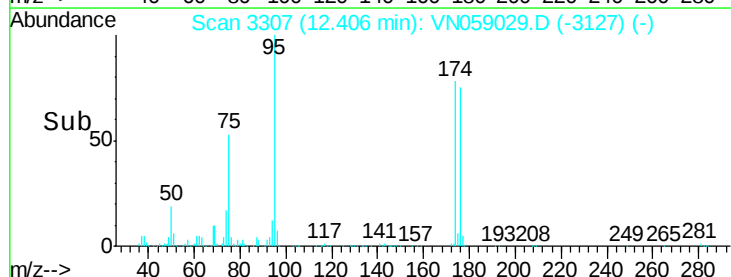
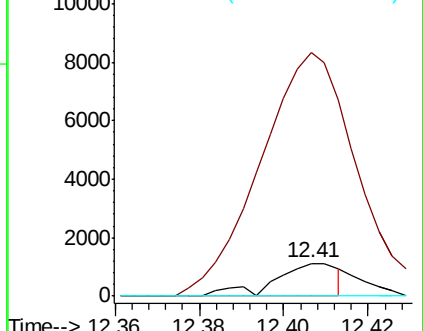
254 0.0 0.0 0.0

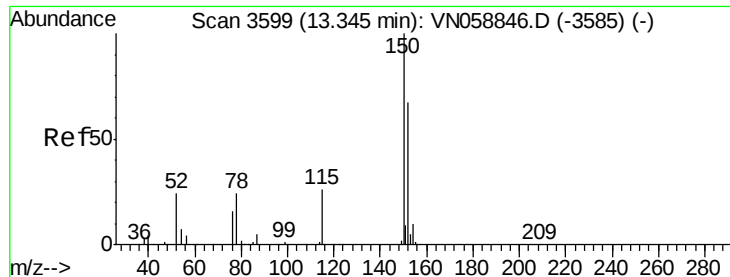


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

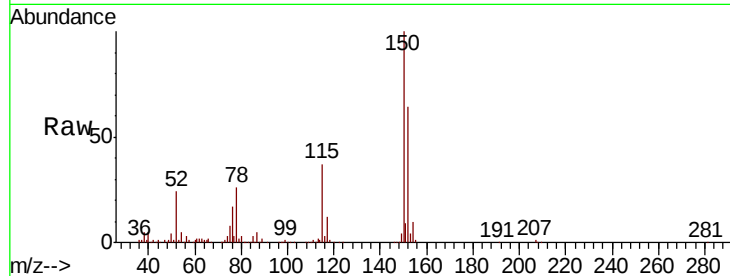
Tot Ion:152 Resp: 200186

Ion Ratio Lower Upper

152 100

115 58.9 30.5 91.5

150 157.9 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

250000

200000

150000

100000

50000

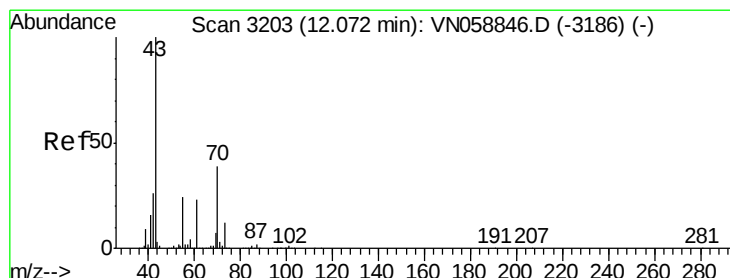
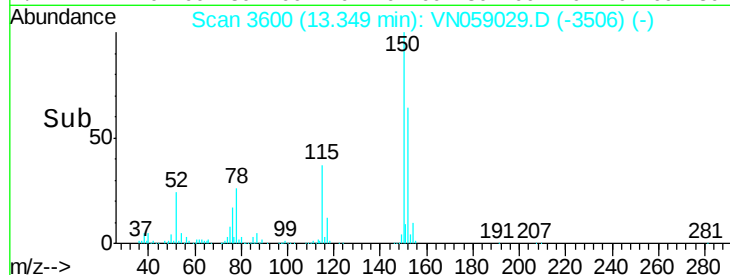
0

13.35

13.30

13.40

Time-->



#74

N-ethyl acetate

Concen: 0.591 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Tgt Ion: 43 Resp: 3919

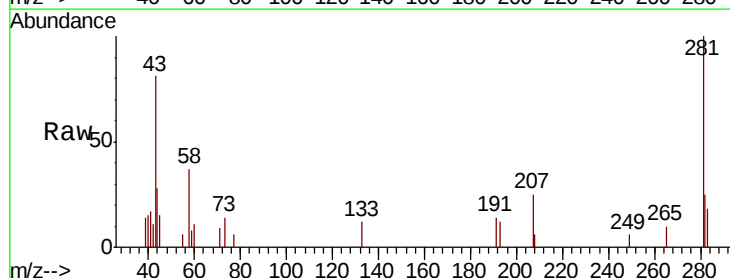
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 6.8 19.7 29.5#

61 0.0 18.2 27.4#



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

3000

2000

1000

0

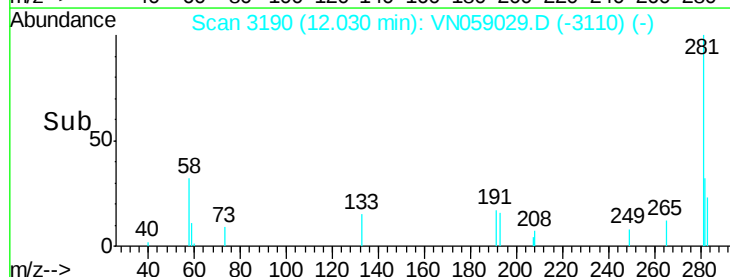
12.03

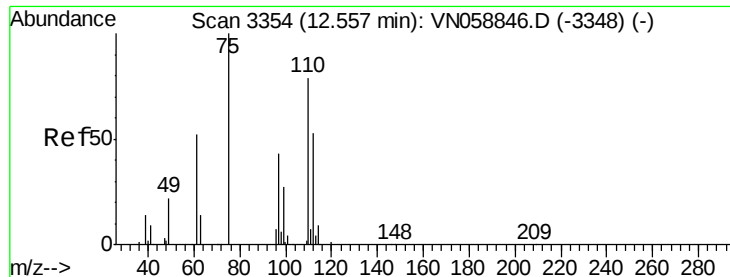
11.95

12.00

12.05

Time-->

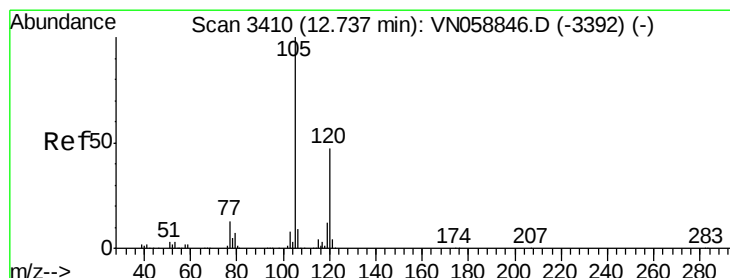
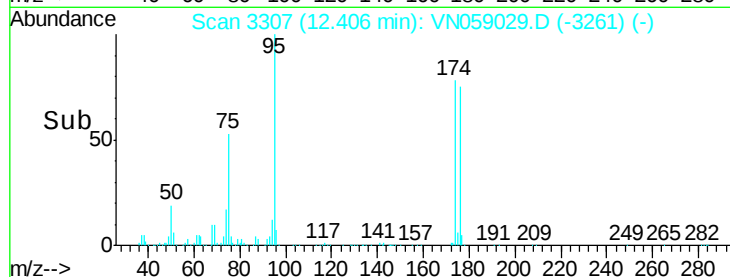
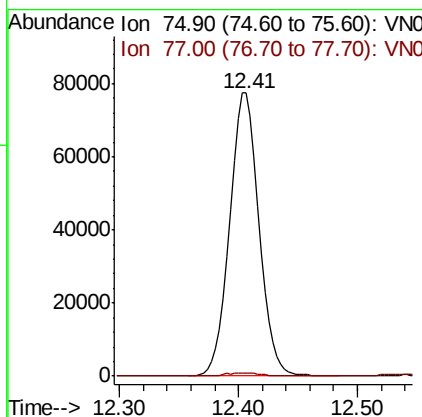
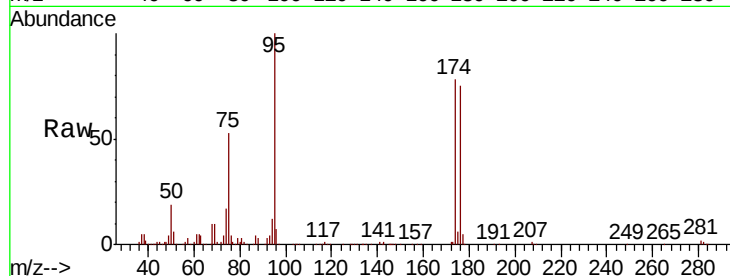




#76
 1,2,3-Trichloropropane
 Concen: 28.459 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

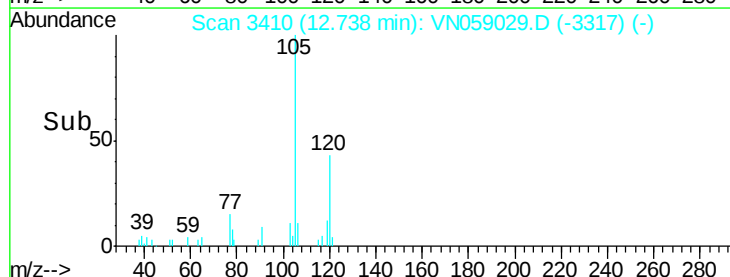
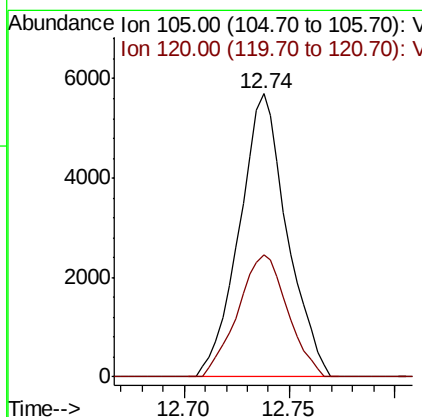
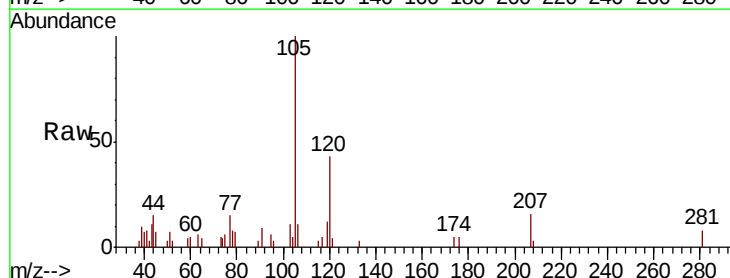
Instrument :
 MSVOA_N
 ClientSampled :

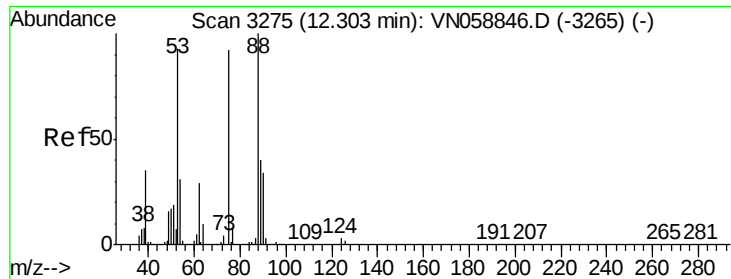
Tot Ion: 75 Resp: 132036
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.728 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

Tgt Ion: 105 Resp: 8944
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.8 71.5

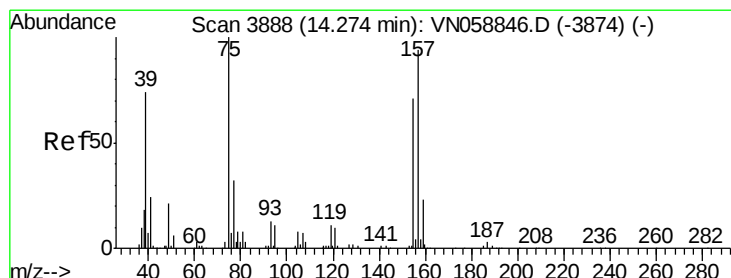
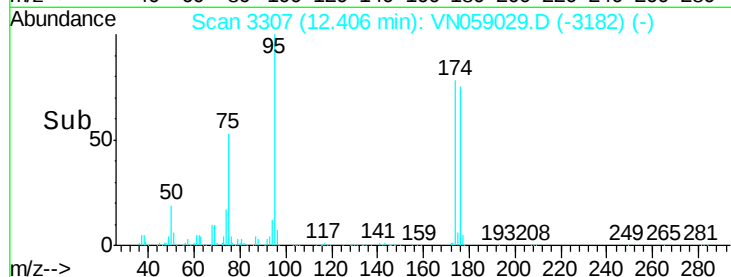
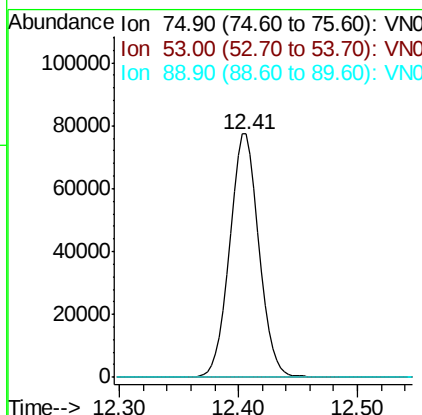
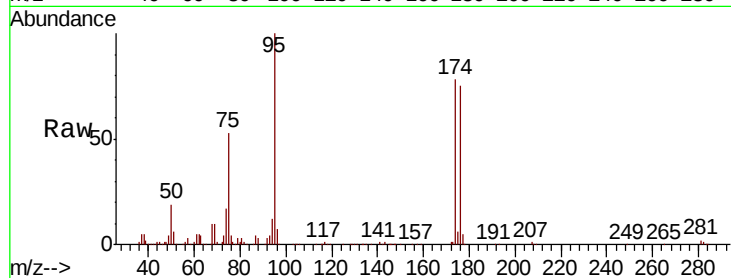




#81
trans-1,4-Dichloro-2-butene
Concen: 74.138 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

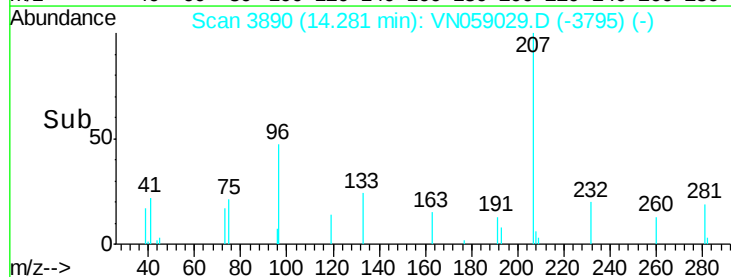
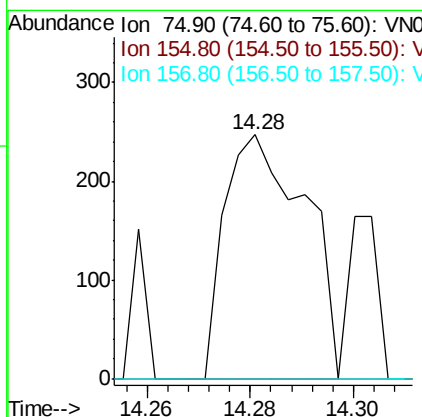
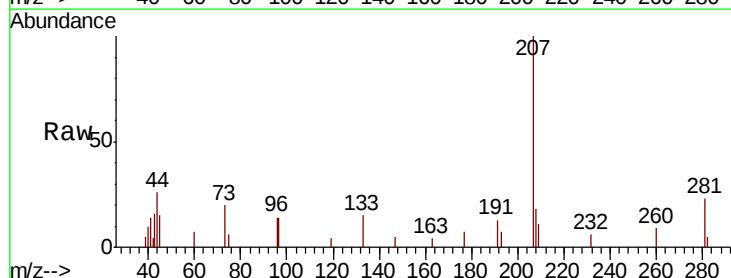
Instrument :
MSVOA_N
ClientSampled :

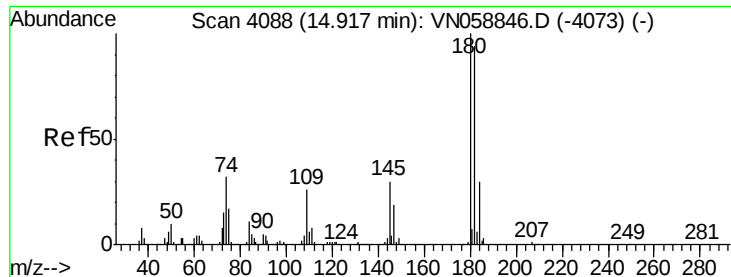
Tot Ion: 75 Resp: 132036
Ion Ratio Lower Upper
75 100
53 0.0 78.6 118.0#
89 0.0 35.4 53.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.229 ug/l
RT: 14.28 min Scan# 3890
Delta R.T. 0.01 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

Tgt Ion: 75 Resp: 267
Ion Ratio Lower Upper
75 100
155 0.0 35.6 106.8#
157 0.0 47.4 142.2#





#93

1,2,4-Trichlorobenzene

Concen: 2.850 ug/l

RT: 14.93 min Scan# 4091

Delta R.T. 0.01 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

ClientSampled :

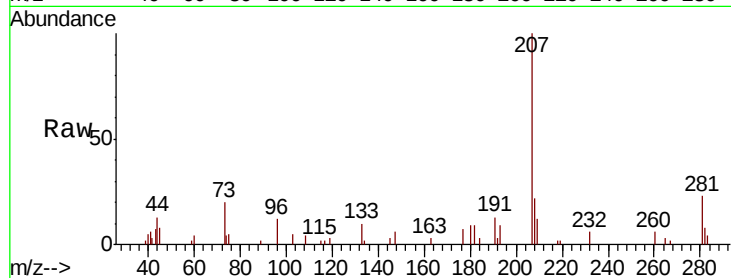
Tot Ion:180 Resp: 1382

Ion Ratio Lower Upper

180 100

182 98.1 47.3 142.0

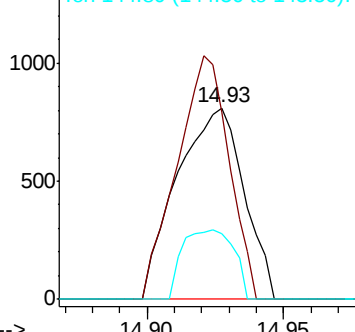
145 27.8 15.3 45.8



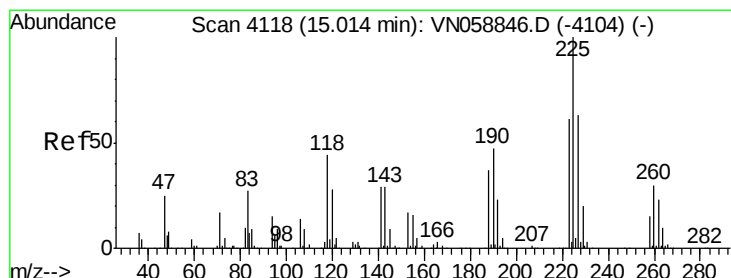
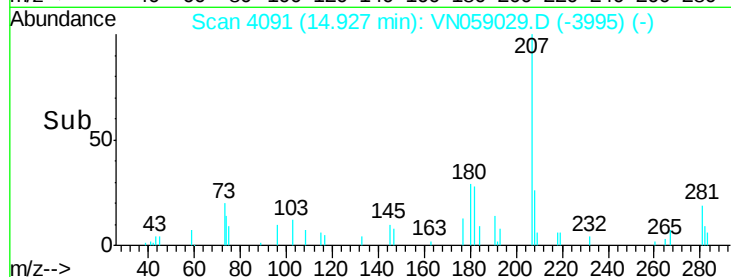
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#94

Hexachlorobutadiene

Concen: 0.272 ug/l

RT: 15.02 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

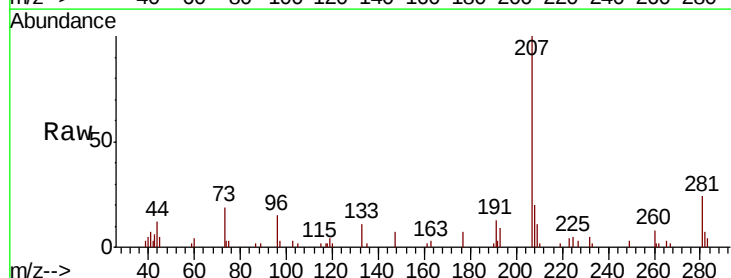
Tgt Ion:225 Resp: 558

Ion Ratio Lower Upper

225 100

223 66.3 30.9 92.5

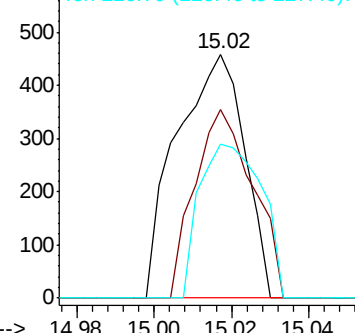
227 57.9 31.6 94.7



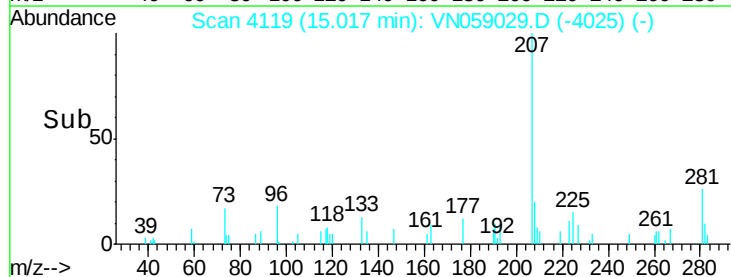
Abundance Ion 224.70 (224.40 to 225.40): V

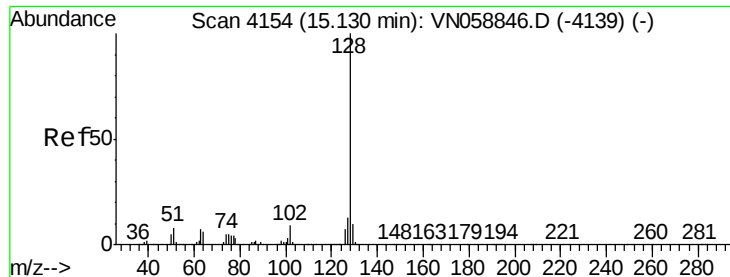
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 2.626 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

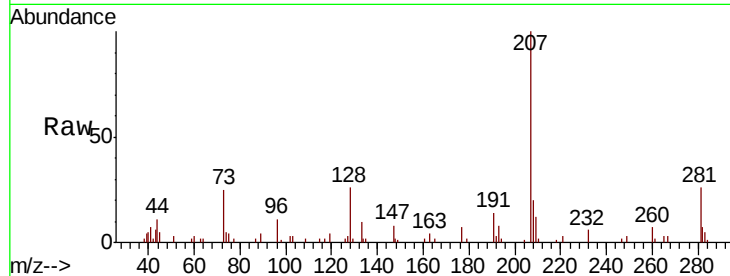
Tot Ion:128 Resp: 4804

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.2

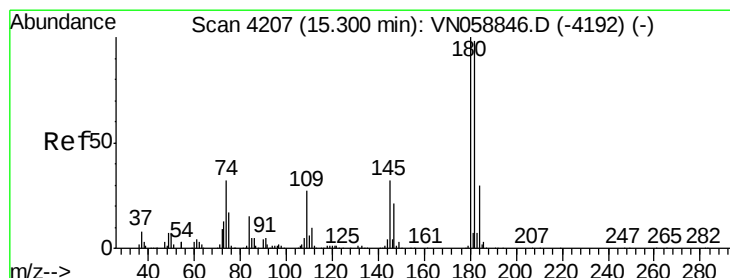
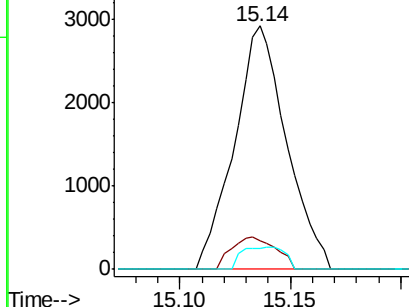
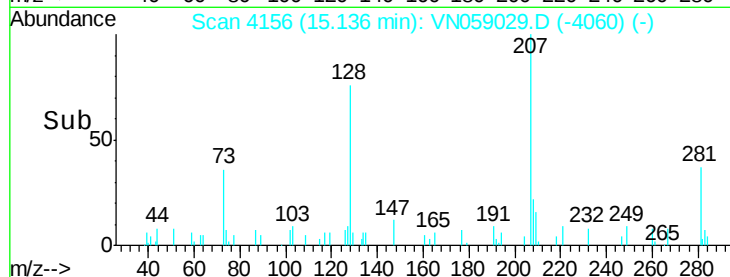
129 7.5 8.4 12.6#



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: 2.809 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

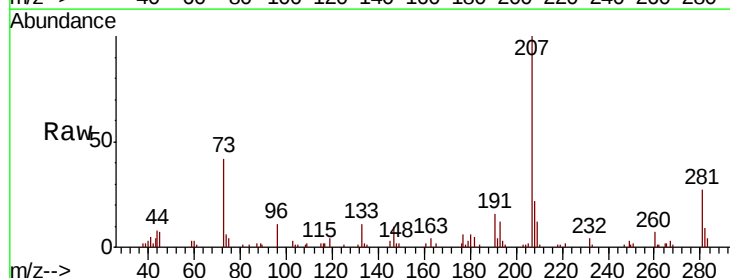
Tgt Ion:180 Resp: 1693

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

145 47.9 15.9 47.7#



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

