

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059370.D
 Acq On : 22 Nov 2019 17:14
 Operator : JC/SP
 Sample : PB124989TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124989TB

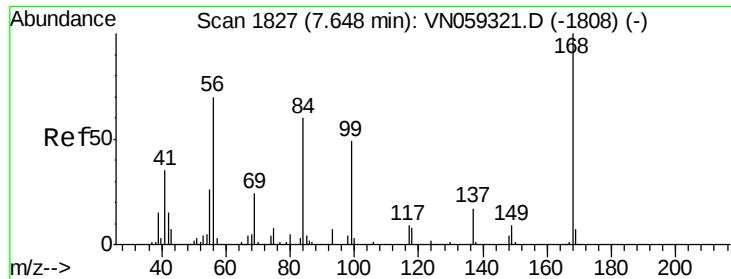
Quant Time: Nov 22 22:37:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	328936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	504005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	156643	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	187558	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
35) Dibromofluoromethane	7.57	113	148820	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	10.08	98	611930	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	194191	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	8149	4.605	ug/l	91
17) Carbon Disulfide	4.03	76	2861	0.396	ug/l #	85
18) Methyl Acetate	4.29	43	1837	0.313	ug/l #	53
20) Methylene Chloride	4.52	84	6740	1.689	ug/l	97
25) 2-Butanone	6.83	43	1228	0.446	ug/l #	49
29) Tetrahydrofuran	7.20	42	1088	0.572	ug/l #	38
31) Cyclohexane	7.64	56	5709	0.822	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	23847	4.583	ug/l #	50
37) Ethyl Acetate	6.83	43	1228	0.220	ug/l #	68
38) Carbon Tetrachloride	7.65	117	29682	5.959	ug/l #	16
43) Isopropyl Acetate	8.15	43	84398	9.876	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	1984	0.487	ug/l #	45
48) Methyl methacrylate	9.17	41	4858	1.250	ug/l #	14
49) 1,4-Dioxane	9.25	88	111	1.900	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5185	1.037	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	37511	5.945	ug/l #	63
56) Ethyl methacrylate	10.54	69	1215	2.385	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6558	1.054	ug/l #	42
59) 2-Hexanone	10.76	43	89554	24.450	ug/l #	52
74) N-amyl acetate	12.04	43	3988	0.773	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	92090	25.447	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	10431	0.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	92090	63.648	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	2462	0.233	ug/l	92
89) n-Butylbenzene	13.62	91	2738	0.286	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	14.28	75	780	0.864	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	2710	3.703	ug/l	96
94) Hexachlorobutadiene	15.02	225	551	0.285	ug/l	86
95) Naphthalene	15.13	128	11272	4.311	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	3601	2.960	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

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ClientSampleId :

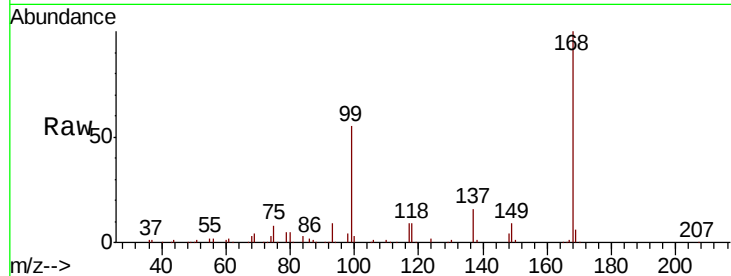
PB124989TB

Tot Ion:168 Resp: 328936

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059370.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059370.D (-1734) (-)

7.65

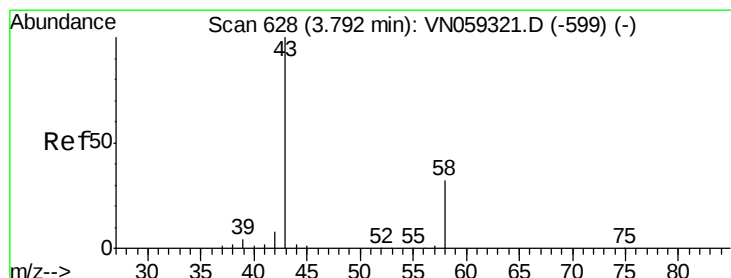
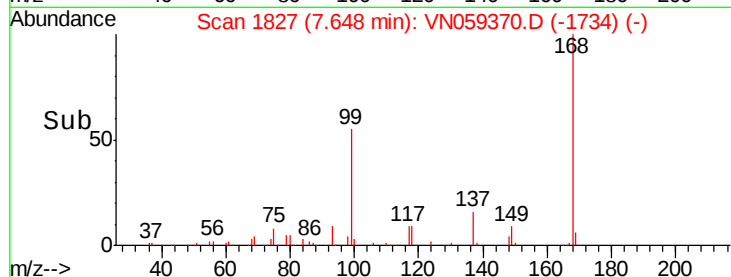
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.605 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059370.D

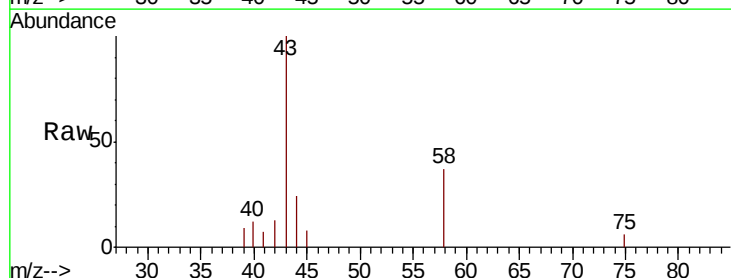
Acq: 22 Nov 2019 17:14

Tgt Ion: 43 Resp: 8149

Ion Ratio Lower Upper

43 100

58 37.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059370.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059370.D (-535) (-)

3.79

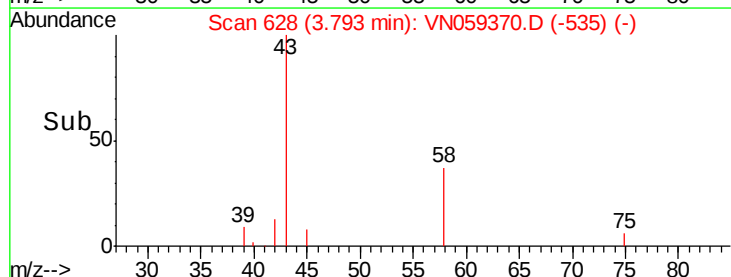
3000

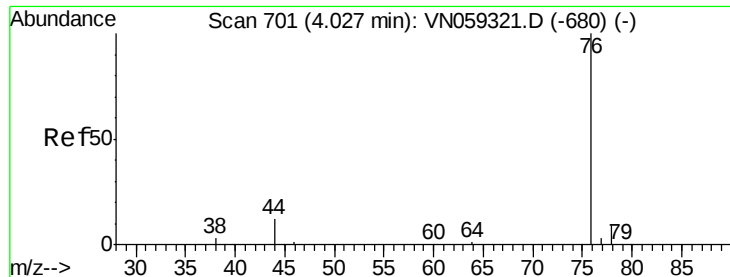
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

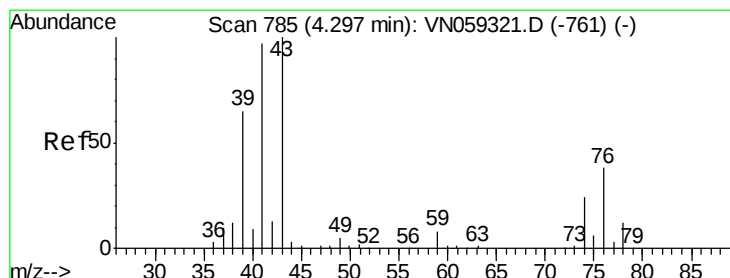
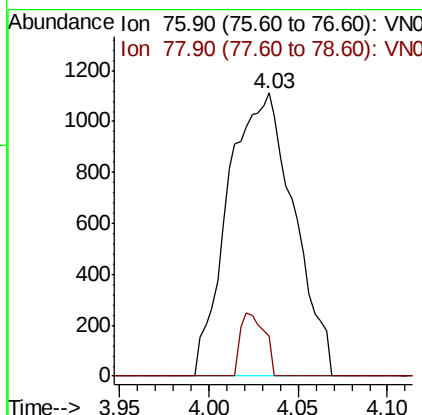
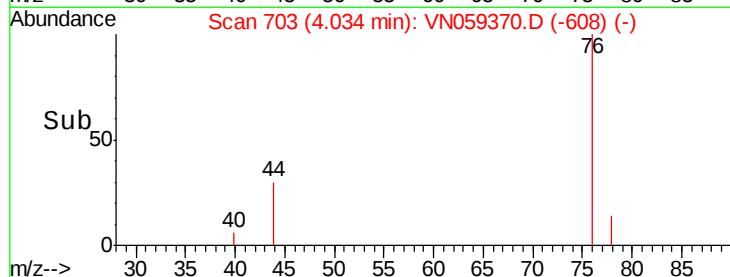
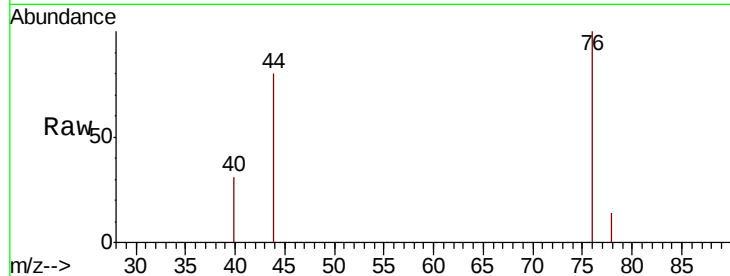




#17
Carbon Disulfide
Concen: 0.396 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

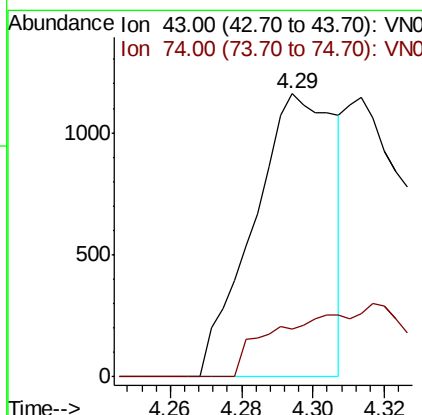
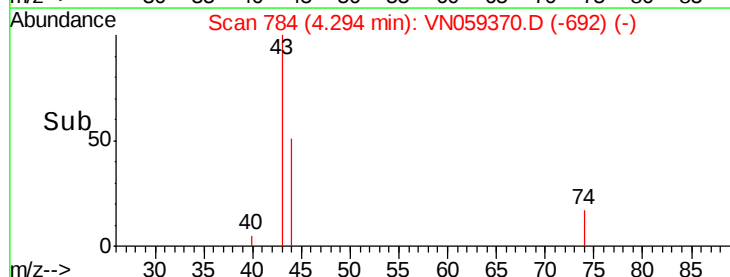
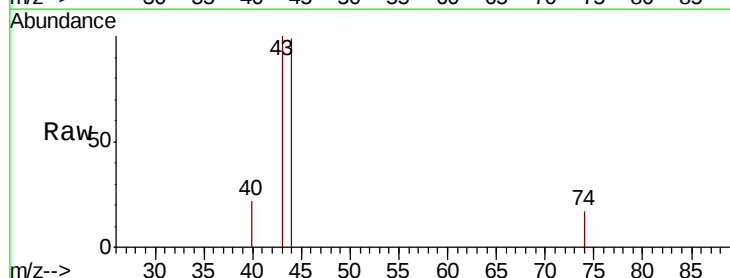
Instrument :
MSVOA_N
ClientSampled :
PB124989TB

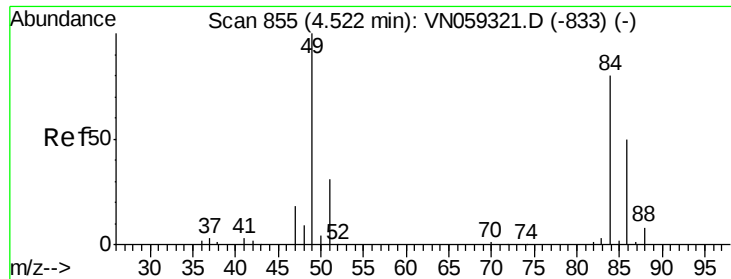
Tot Ion: 76 Resp: 2861
Ion Ratio Lower Upper
76 100
78 14.4 7.2 10.8#



#18
Methyl Acetate
Concen: 0.313 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#

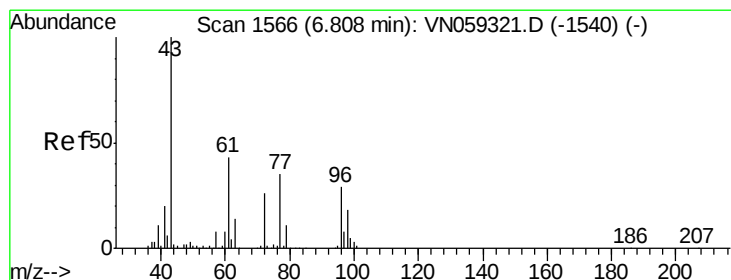
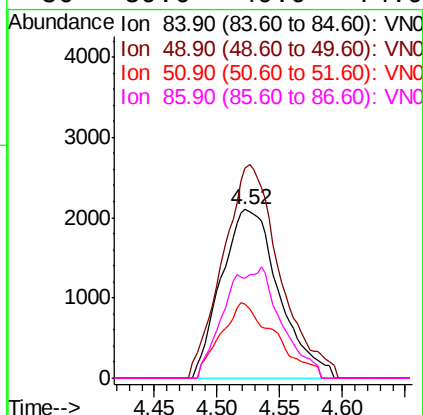
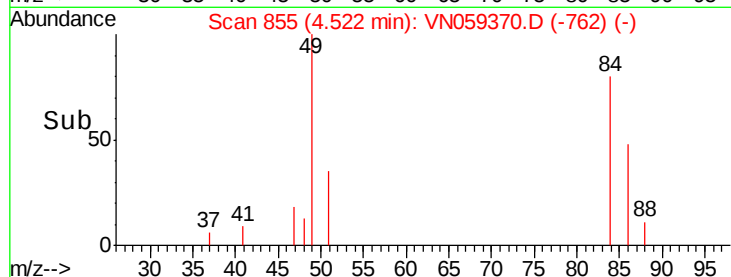
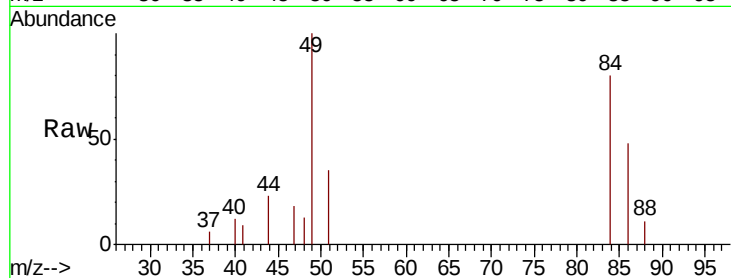




#20
Methvlene Chloride
Concen: 1.689 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

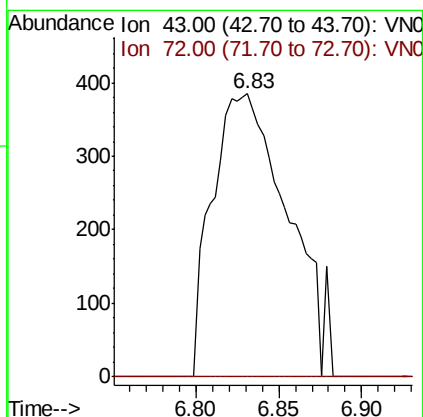
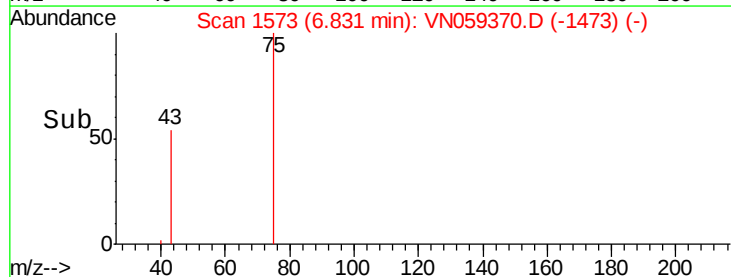
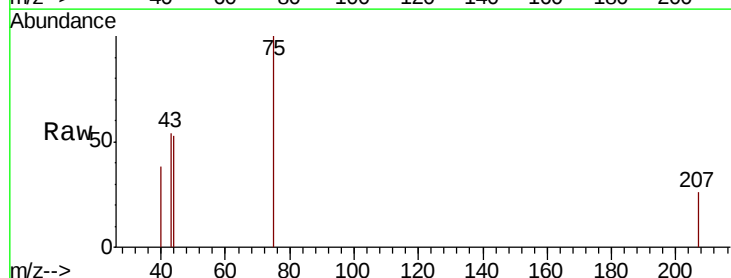
Instrument :
MSVOA_N
ClientSampled :
PB124989TB

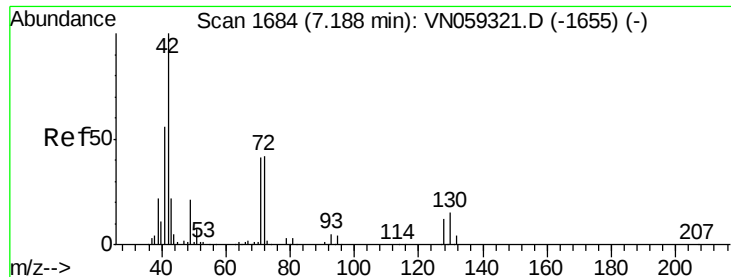
Tot Ion:	84	Resp:	6740
Ion	Ratio	Lower	Upper
84	100		
49	124.7	99.5	149.3
51	44.3	31.1	46.7
86	59.6	49.9	74.9



#25
2-Butanone
Concen: 0.446 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

Tgt Ion:	43	Resp:	1228
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#

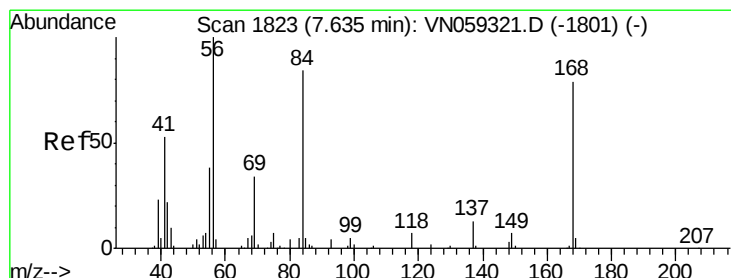
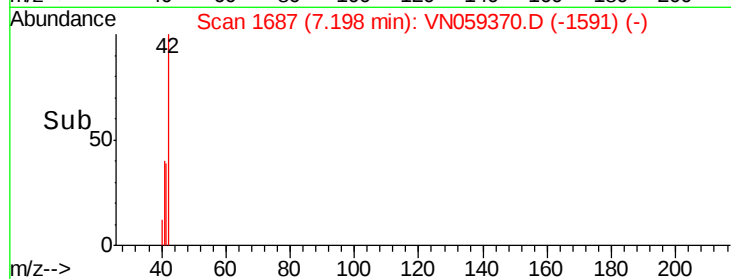
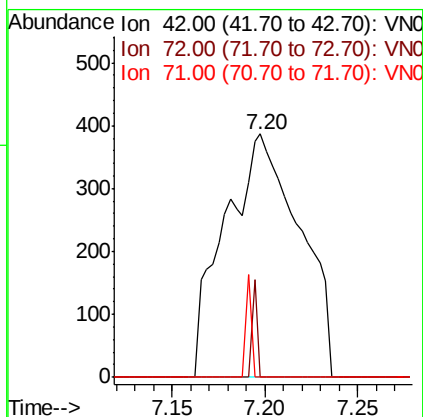
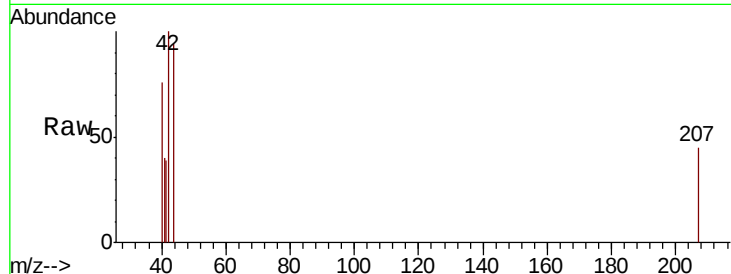




#29
Tetrahydrofuran
Concen: 0.572 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

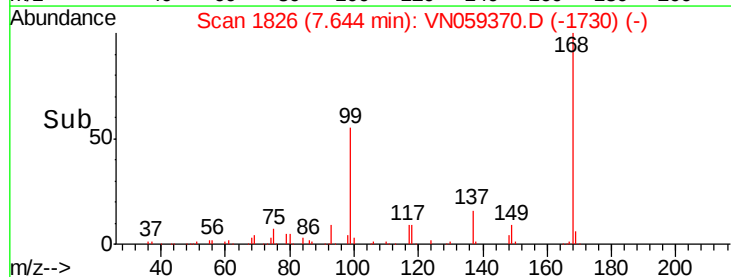
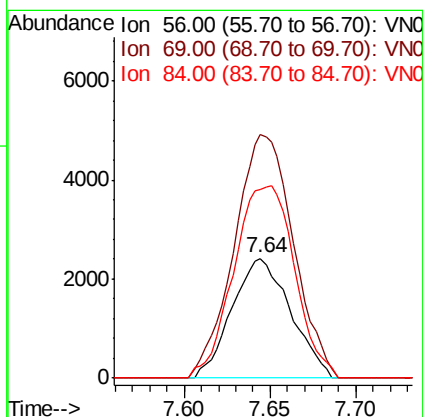
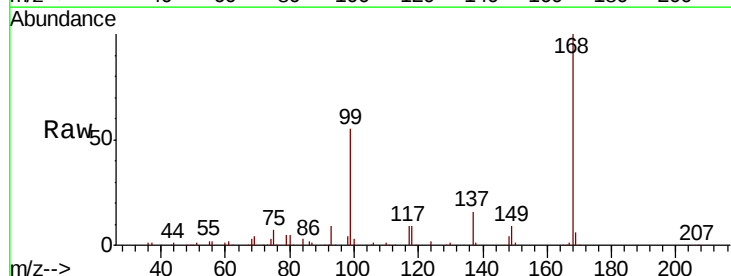
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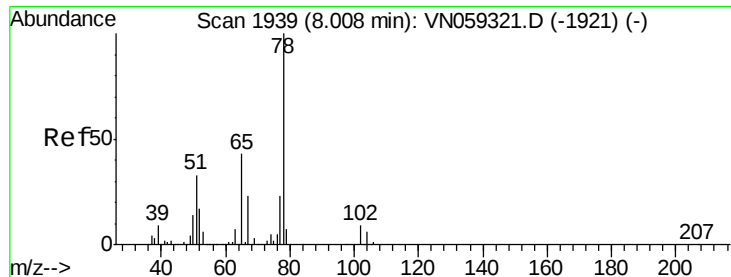
Tot Ion: 42 Resp: 1088
Ion Ratio Lower Upper
42 100
72 2.8 34.2 51.2#
71 2.9 32.6 48.8#



#31
Cyclohexane
Concen: 0.822 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

Tgt Ion: 56 Resp: 5709
Ion Ratio Lower Upper
56 100
69 203.8 26.6 40.0#
84 157.7 67.0 100.4#

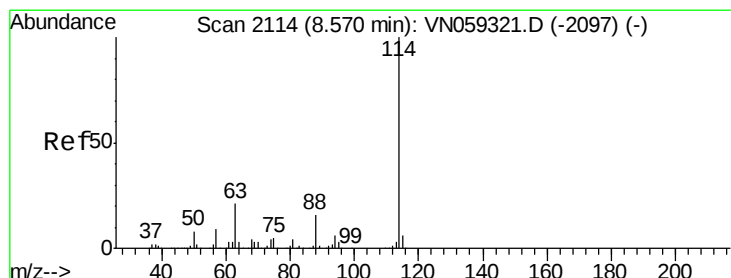
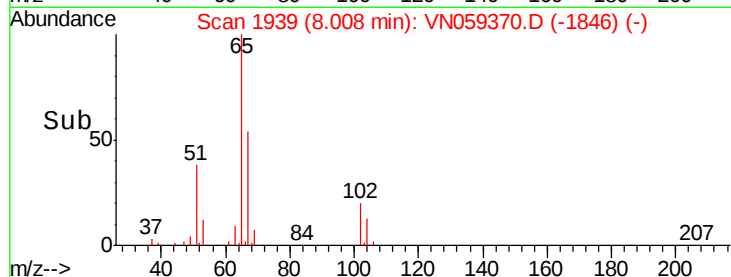
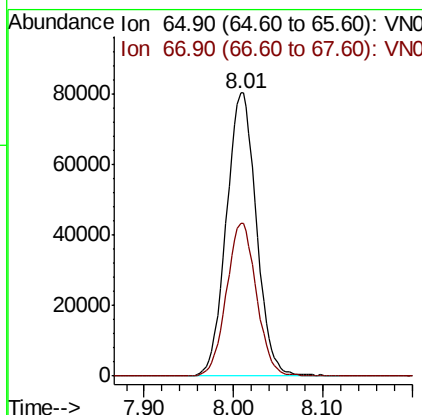
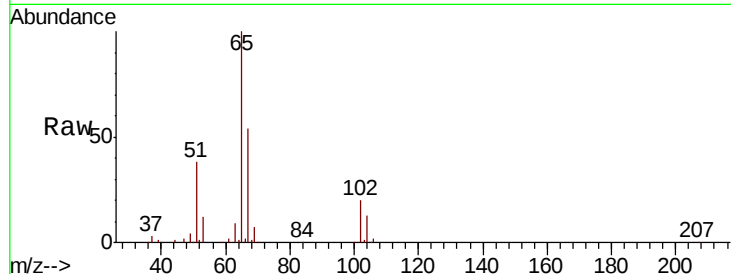




#33
 1,2-Dichloroethane-d4
 Concen: 47.523 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059370.D
 Acq: 22 Nov 2019 17:14

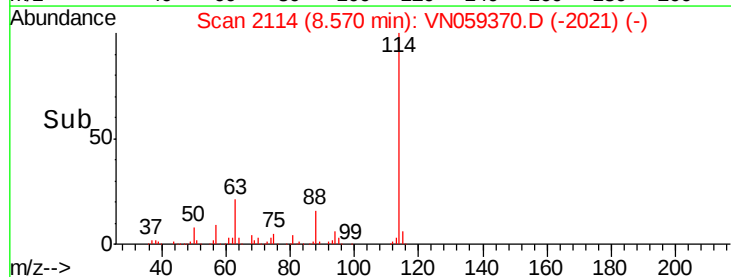
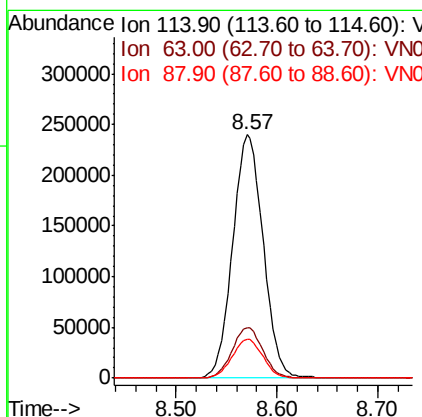
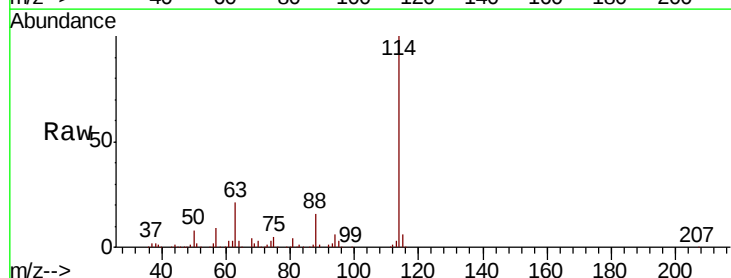
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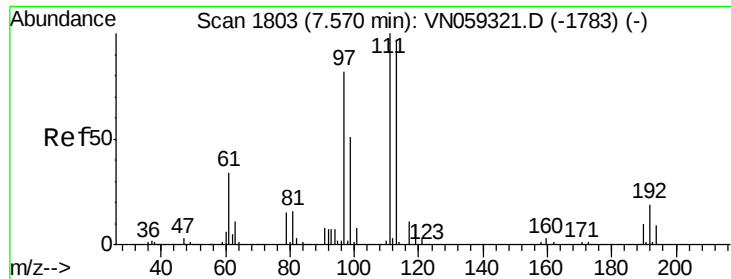
Tot Ion: 65 Resp: 187558
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059370.D
 Acq: 22 Nov 2019 17:14

Tgt Ion: 114 Resp: 504005
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.2
 88 16.1 0.0 32.2

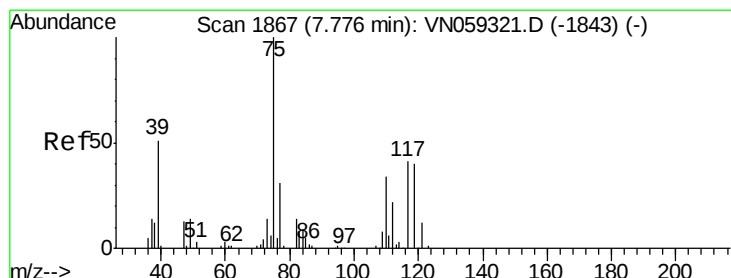
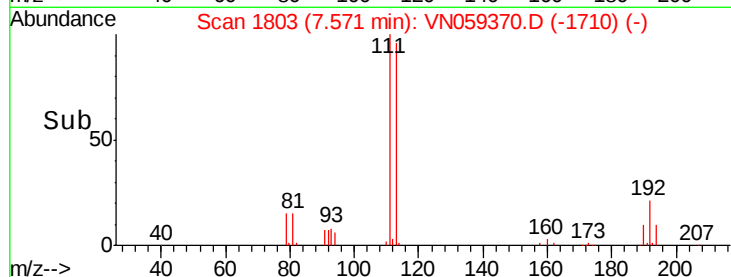
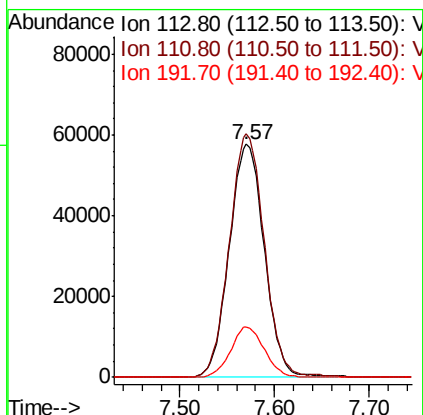
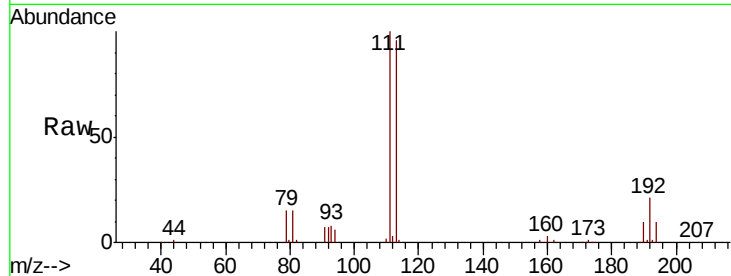




#35
 Dibromofluoromethane
 Concen: 49.217 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059370.D
 Acq: 22 Nov 2019 17:14

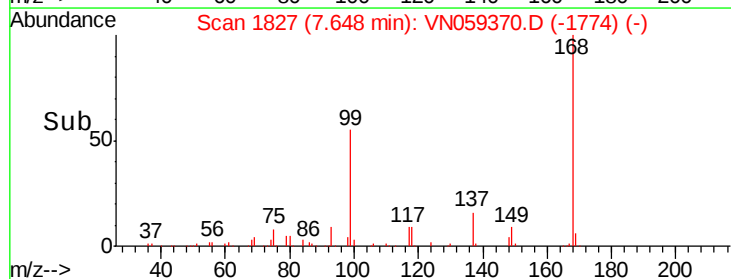
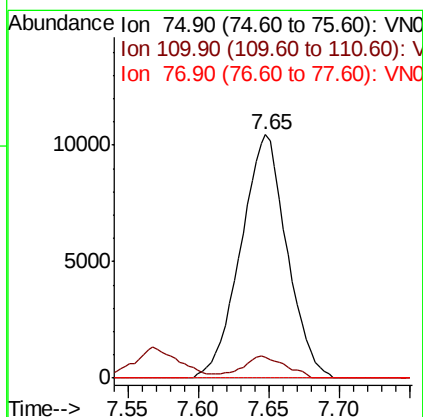
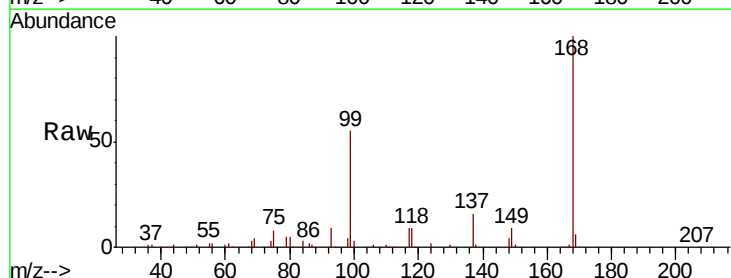
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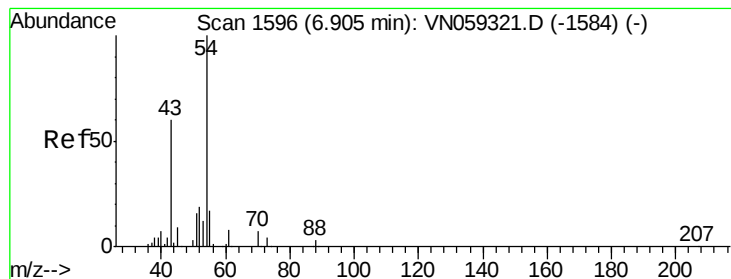
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.7	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059370.D
 Acq: 22 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.0	51.0#
77	0.0	24.8	37.2#





#37

Ethyl Acetate

Concen: 0.220 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.07 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampled :

PB124989TB

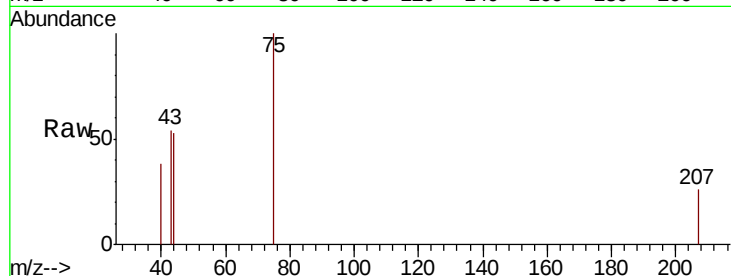
Tot Ion: 43 Resp: 1228

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

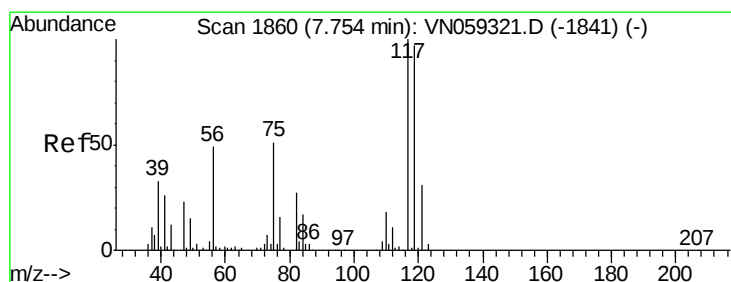
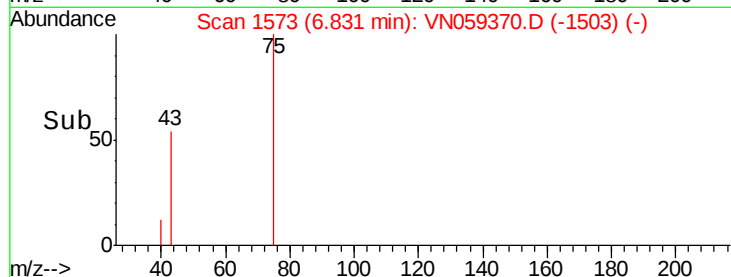
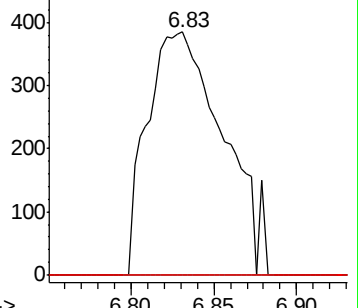
70 0.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN059370.D (-1503) (-)

Ion 60.90 (60.60 to 61.60): VN059370.D (-1503) (-)

Ion 70.00 (69.70 to 70.70): VN059370.D (-1503) (-)



#38

Carbon Tetrachloride

Concen: 5.959 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

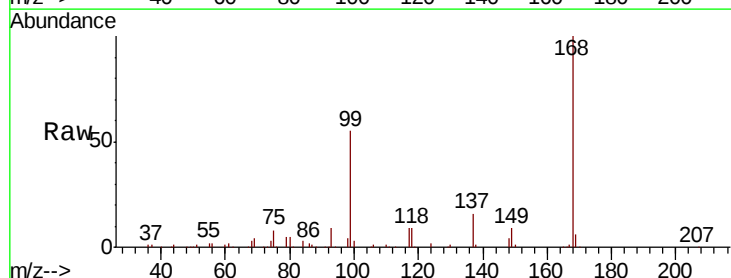
Tgt Ion: 117 Resp: 29682

Ion Ratio Lower Upper

117 100

119 5.3 77.0 115.4#

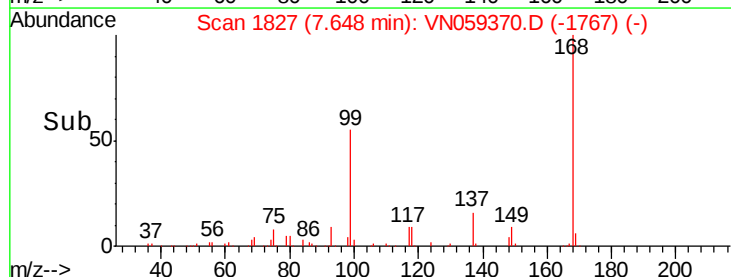
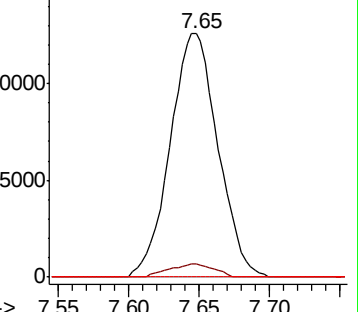
121 0.0 24.4 36.6#

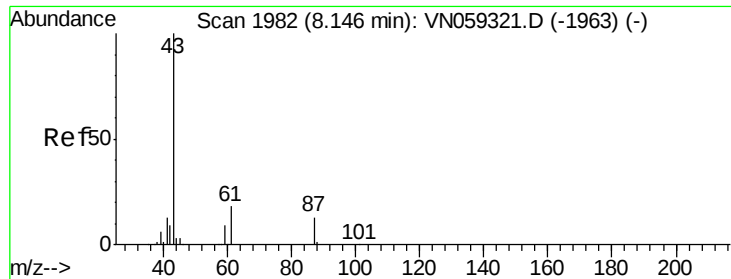


Abundance Ion 116.80 (116.50 to 117.50): VN059370.D (-1767) (-)

Ion 118.80 (118.50 to 119.50): VN059370.D (-1767) (-)

Ion 120.80 (120.50 to 121.50): VN059370.D (-1767) (-)

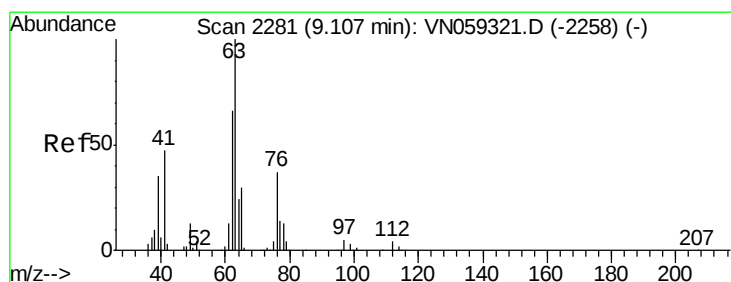
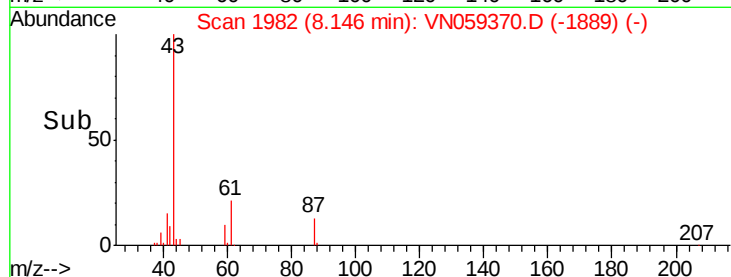
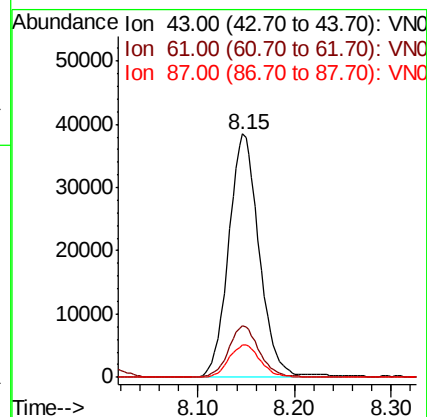
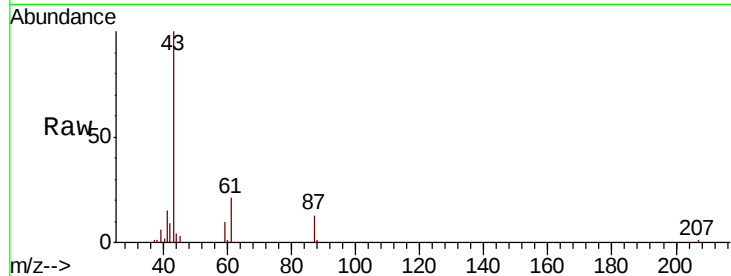




#43
Isopropyl Acetate
Concen: 9.876 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

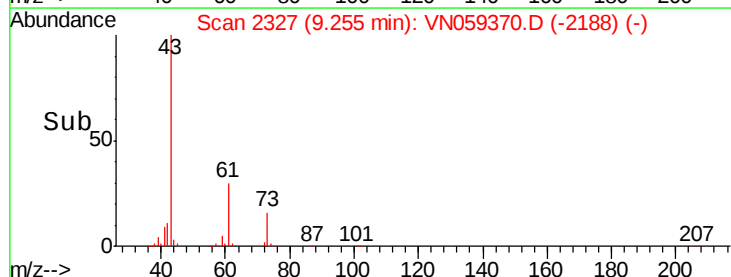
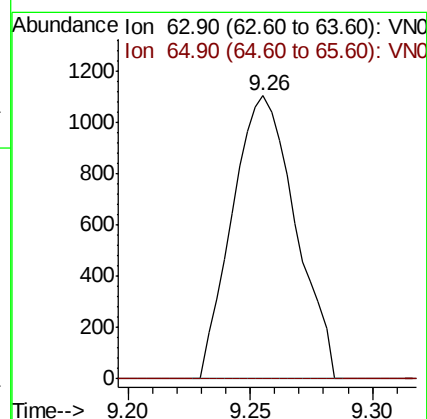
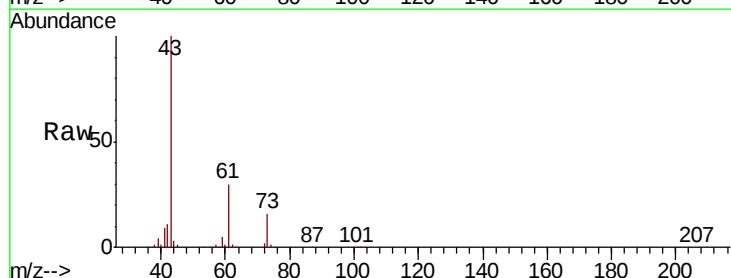
Instrument :
MSVOA_N
ClientSampleId :
PB124989TB

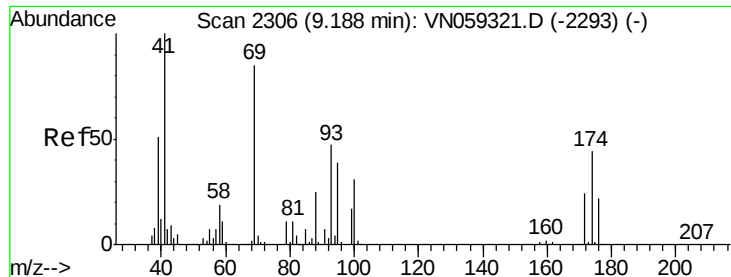
Tot Ion: 43 Resp: 84398
Ion Ratio Lower Upper
43 100
61 21.1 21.7 32.5#
87 13.5 10.2 15.4



#45
1,2-Dichloropropane
Concen: 0.487 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.15 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

Tgt Ion: 63 Resp: 1984
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#

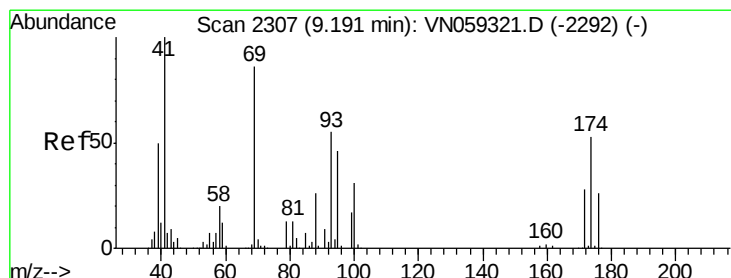
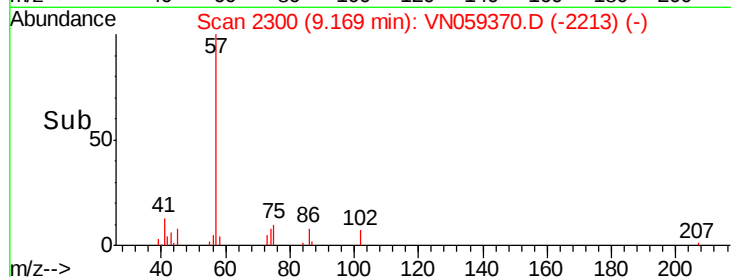
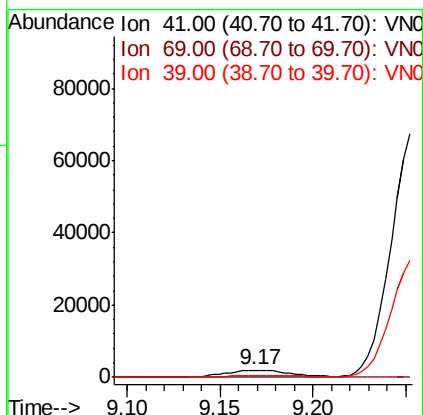
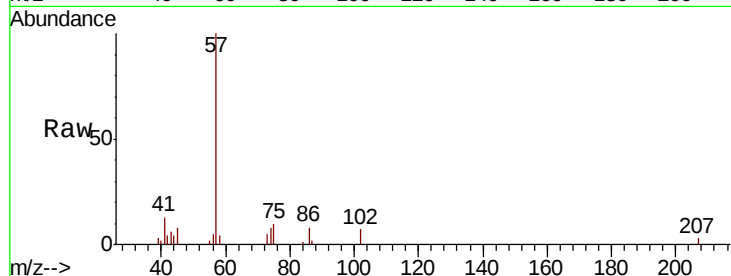




#48
Methvl methacrylate
Concen: 1.250 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

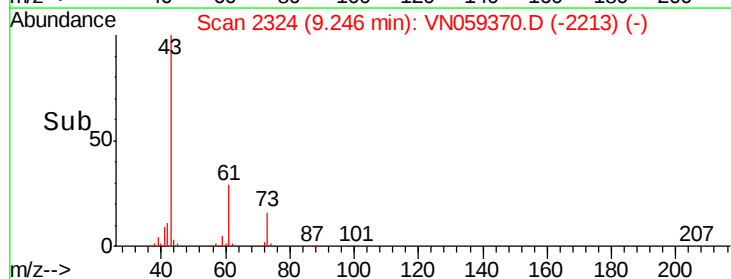
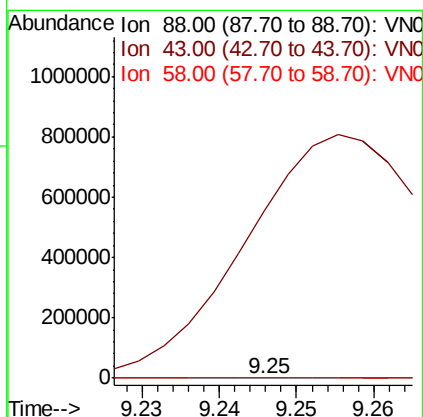
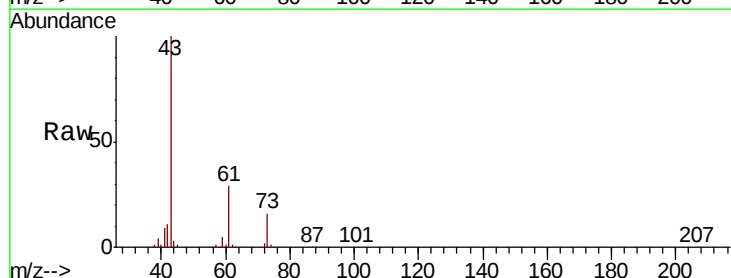
Instrument :
MSVOA_N
ClientSampled :
PB124989TB

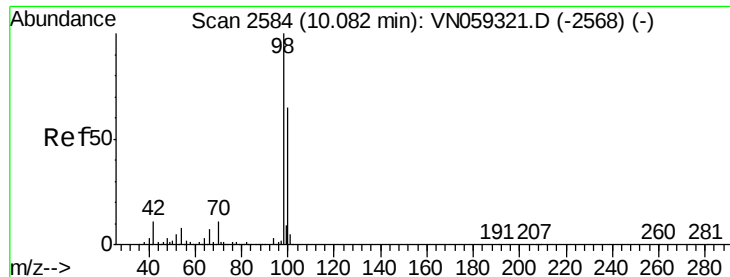
Tot Ion: 41 Resp: 4858
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 0.0 42.1 63.1#



#49
1,4-Dioxane
Concen: 1.900 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.06 min
Lab File: VN059370.D
Acq: 22 Nov 2019 17:14

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 1336934.2 26.9 40.3#
58 5470.3 59.2 88.8#





#50

Toluene-d8

Concen: 50.906 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

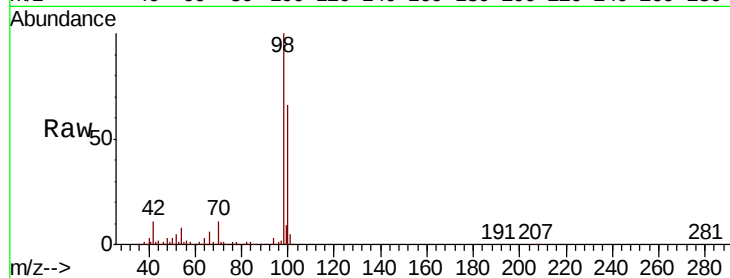
PB124989TB

Tot Ion: 98 Resp: 611930

Ion Ratio Lower Upper

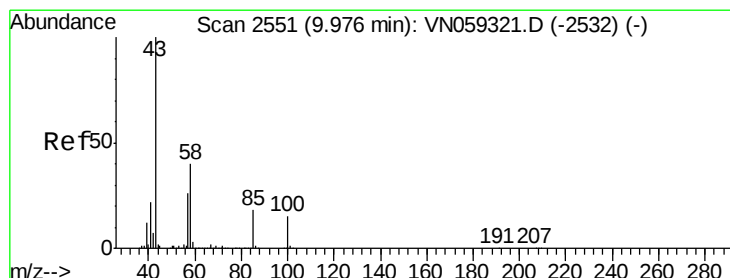
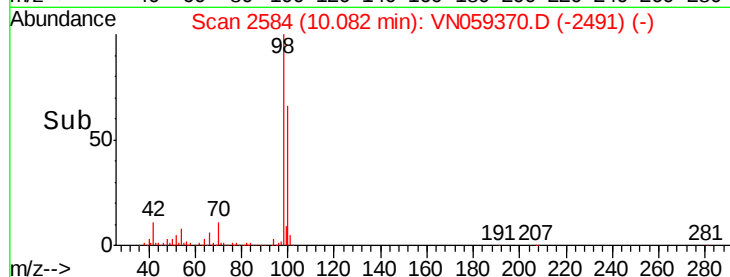
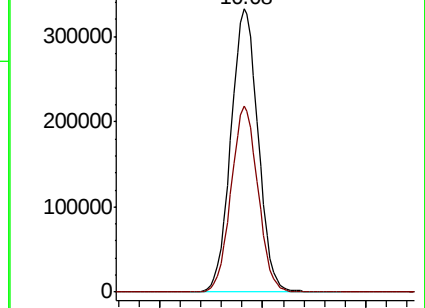
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.037 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN059370.D

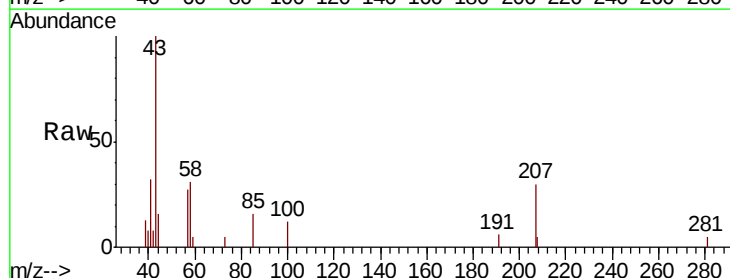
Acq: 22 Nov 2019 17:14

Tgt Ion: 43 Resp: 5185

Ion Ratio Lower Upper

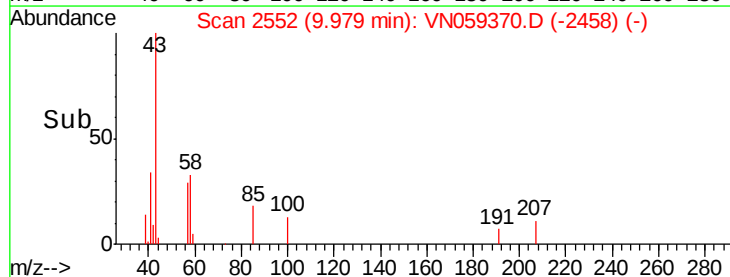
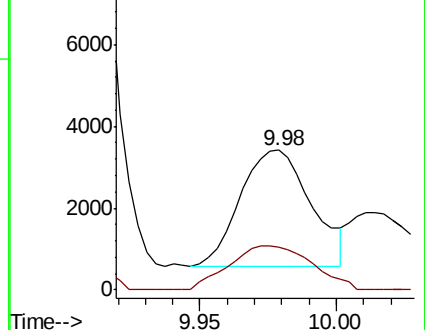
43 100

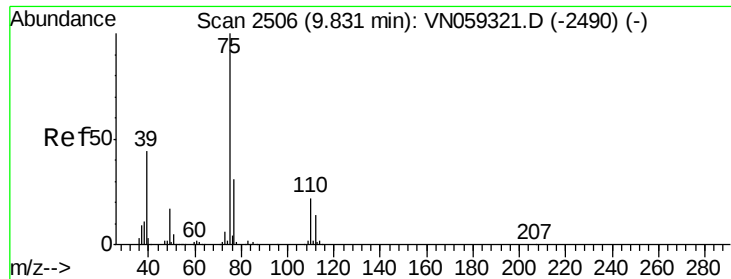
58 43.9 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 5.945 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB124989TB

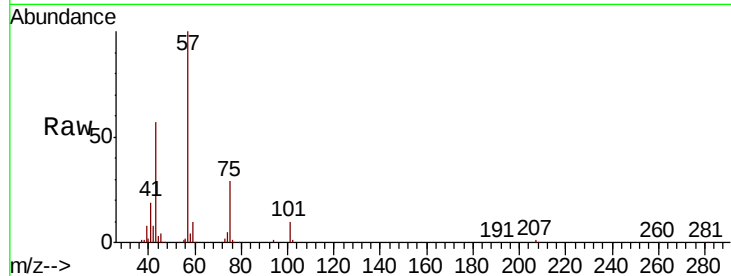
Tot Ion: 75 Resp: 37511

Ion Ratio Lower Upper

75 100

77 0.8 25.0 37.4#

39 28.2 35.5 53.3#

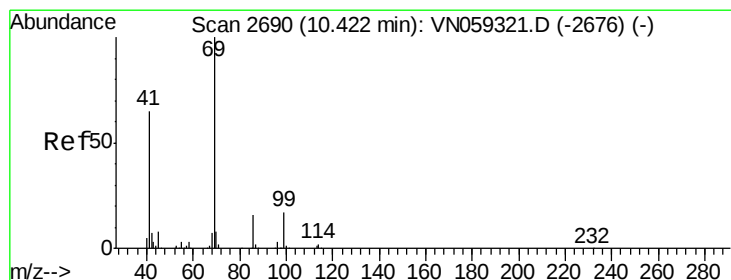
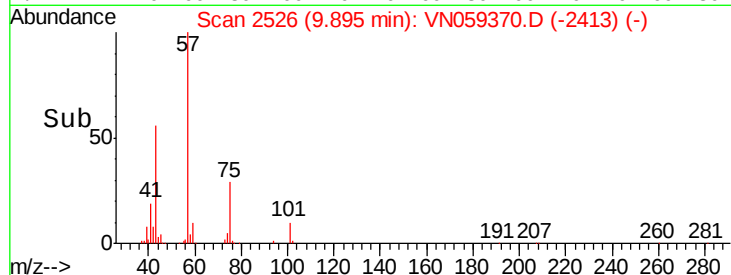
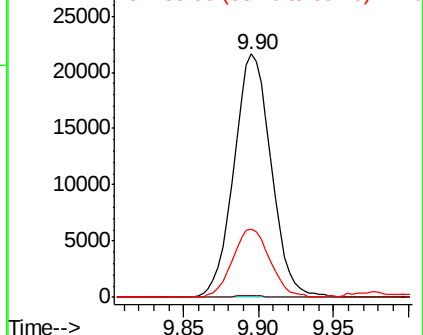


Abundance

Ion 74.90 (74.60 to 75.60): VNC

Ion 76.90 (76.60 to 77.60): VNC

Ion 39.00 (38.70 to 39.70): VNC



#56

Ethyl methacrylate

Concen: 2.385 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

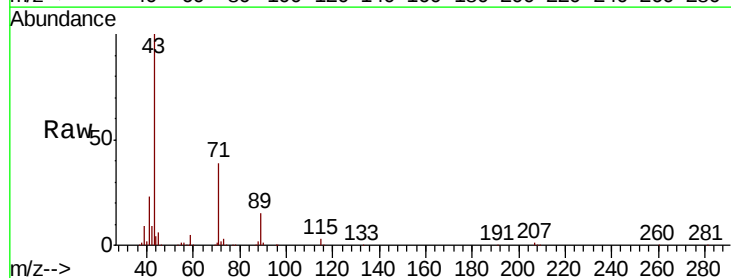
Tgt Ion: 69 Resp: 1215

Ion Ratio Lower Upper

69 100

41 5429.5 51.7 77.5#

39 2122.6 25.2 37.8#

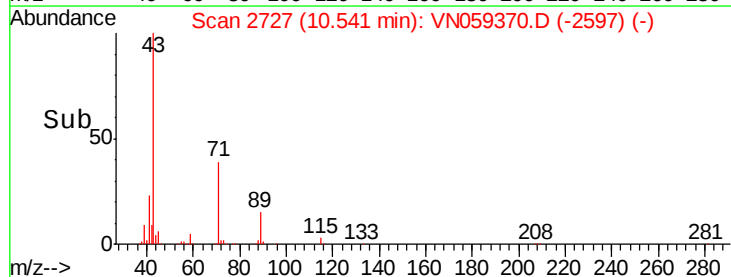
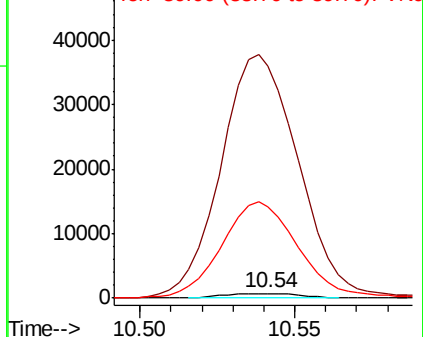


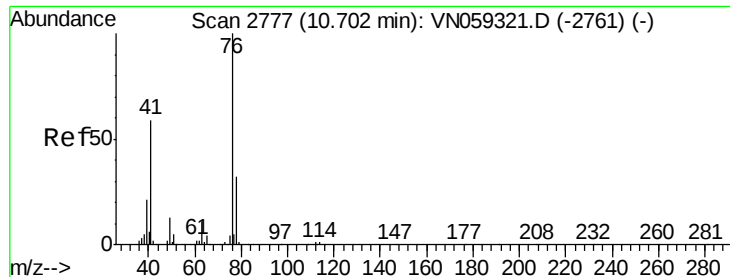
Abundance

Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#57

1,3-Dichloropropane

Concen: 1.054 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

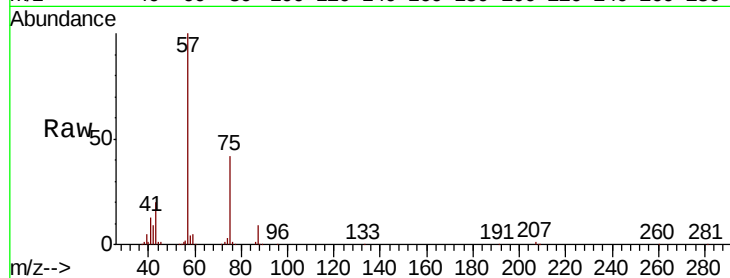
PB124989TB

Tot Ion: 76 Resp: 6558

Ion Ratio Lower Upper

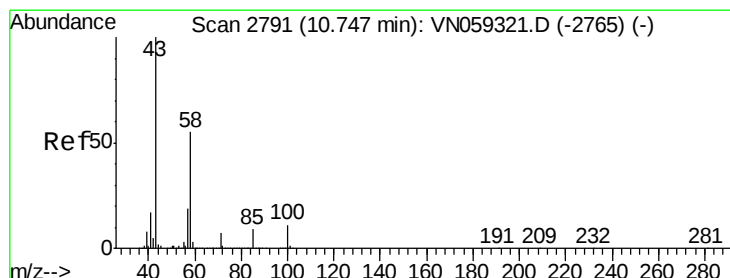
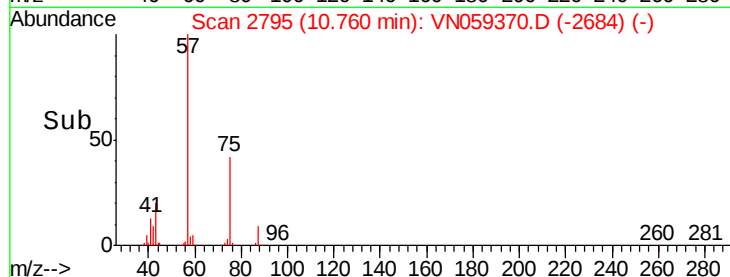
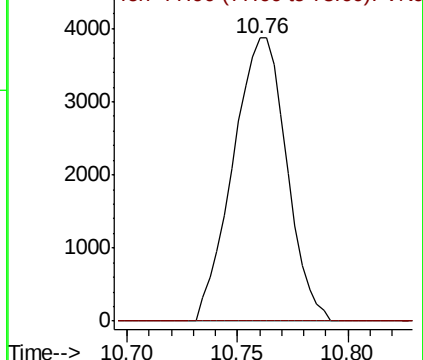
76 100

78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 24.450 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN059370.D

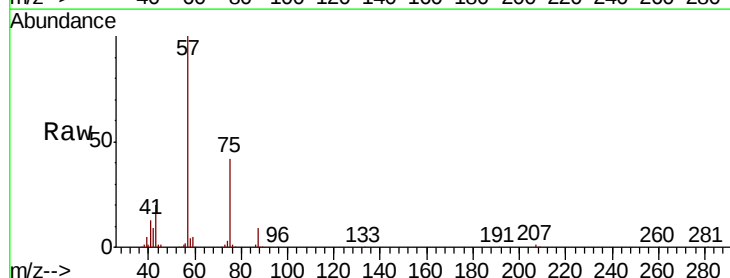
Acq: 22 Nov 2019 17:14

Tgt Ion: 43 Resp: 89554

Ion Ratio Lower Upper

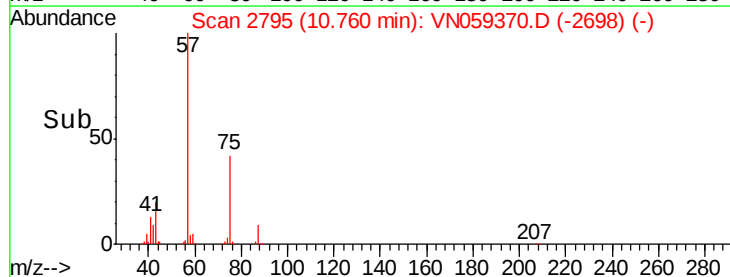
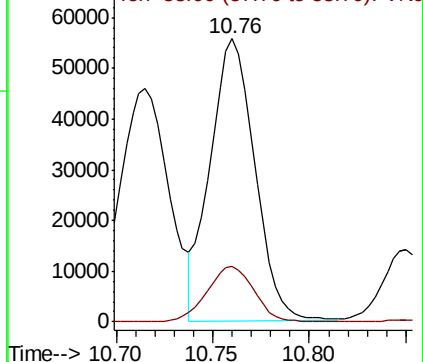
43 100

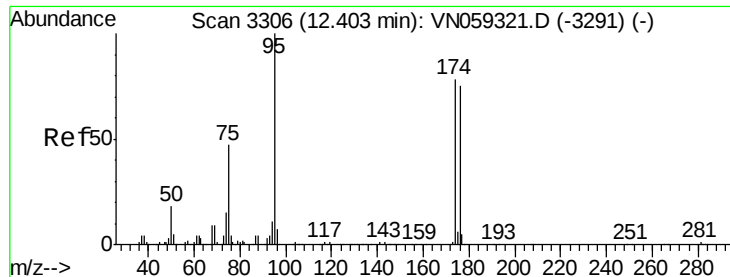
58 20.6 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.202 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampled :

PB124989TB

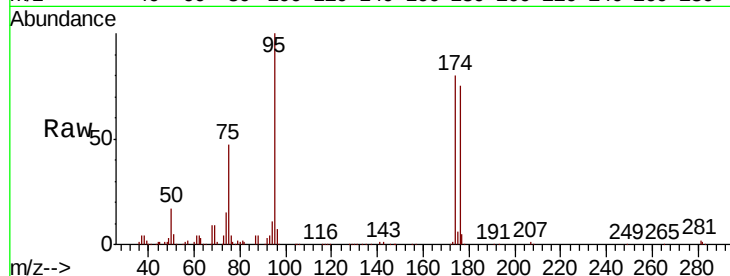
Tot Ion: 95 Resp: 194191

Ion Ratio Lower Upper

95 100

174 78.9 0.0 157.4

176 75.8 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN059370.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN059370.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN059370.D (-2903) (-)

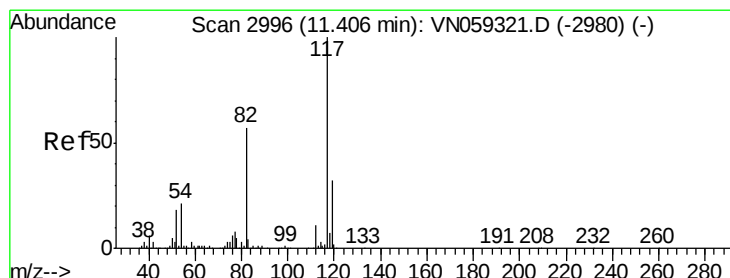
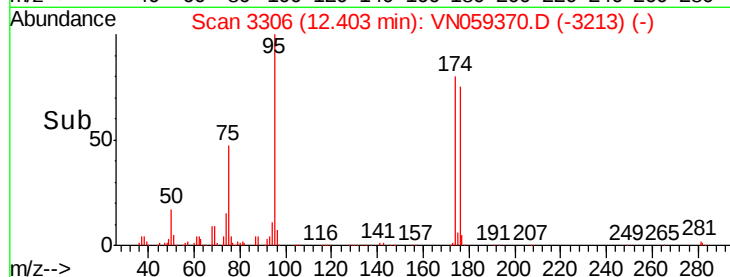
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

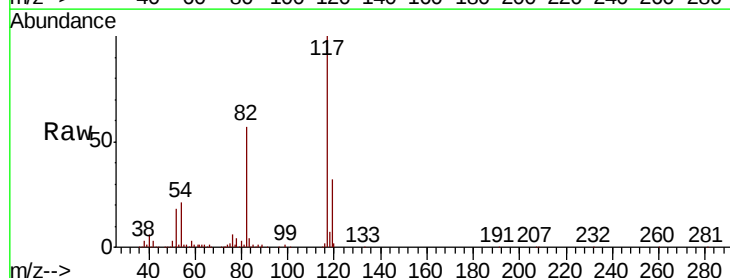
Tgt Ion: 117 Resp: 432715

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059370.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN059370.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN059370.D (-2903) (-)

11.41

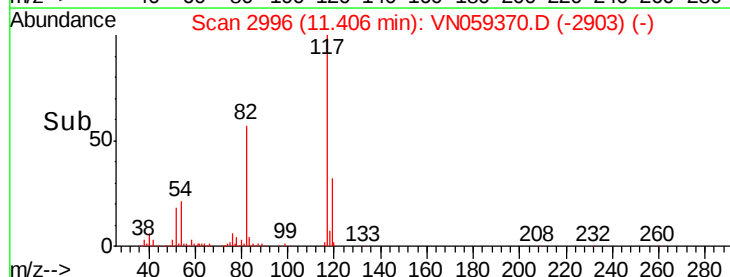
300000

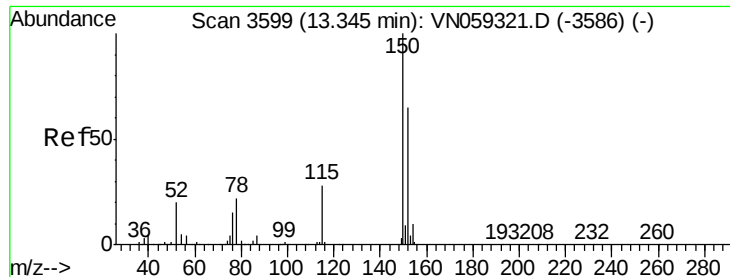
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB124989TB

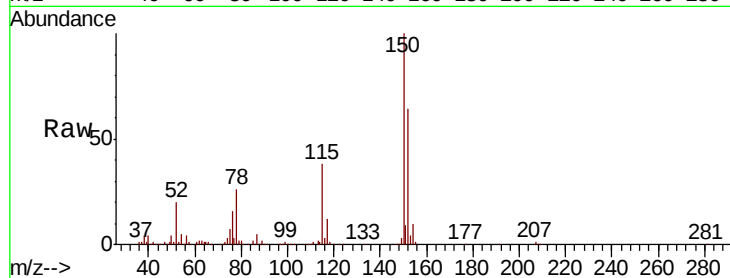
Tot Ion:152 Resp: 156643

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

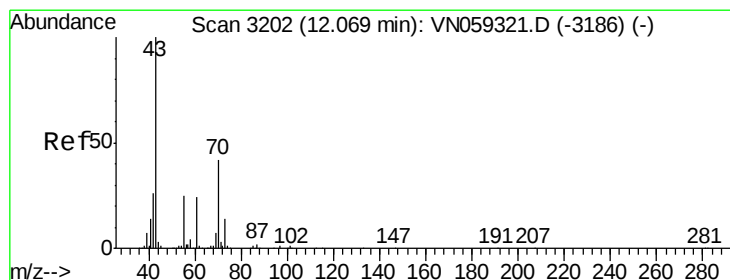
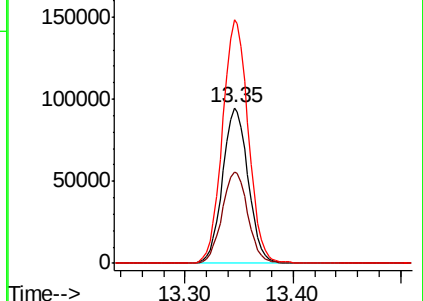
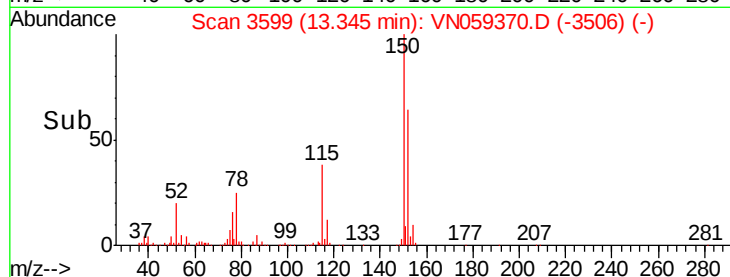
150 157.3 0.0 346.0



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



#74

N-ethyl acetate

Concen: 0.773 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Tgt Ion: 43 Resp: 3988

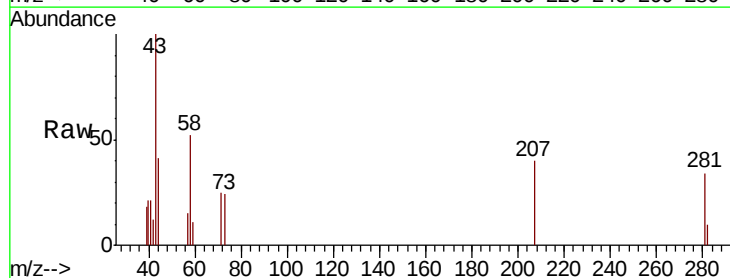
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 1.6 20.3 30.5#

61 0.0 19.9 29.9#

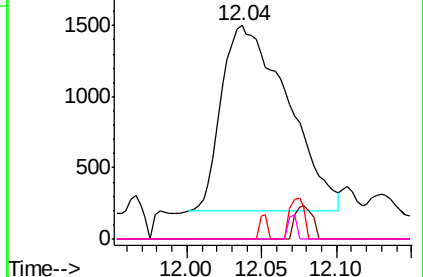
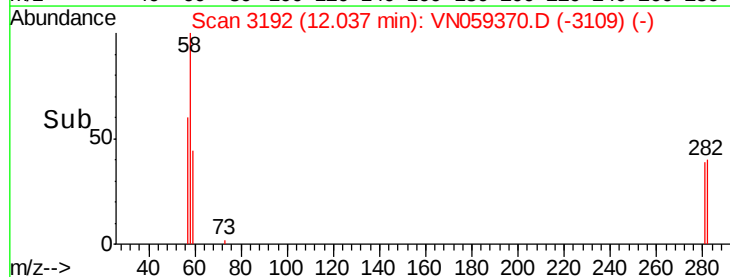


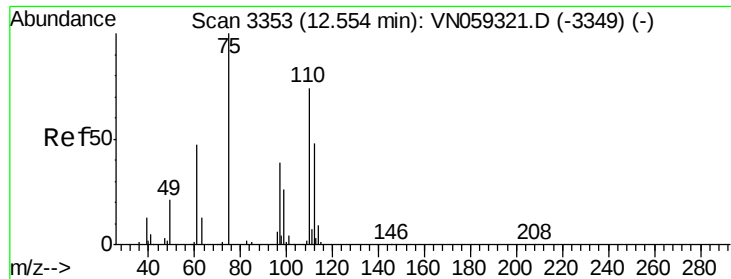
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 25.447 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

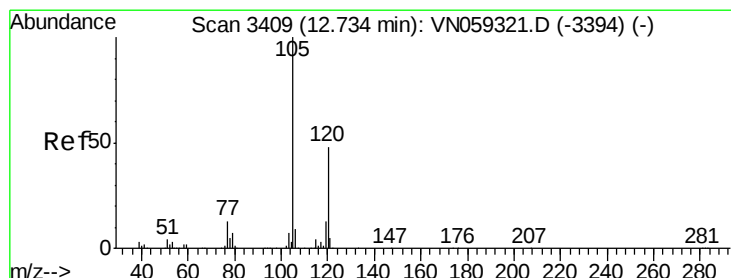
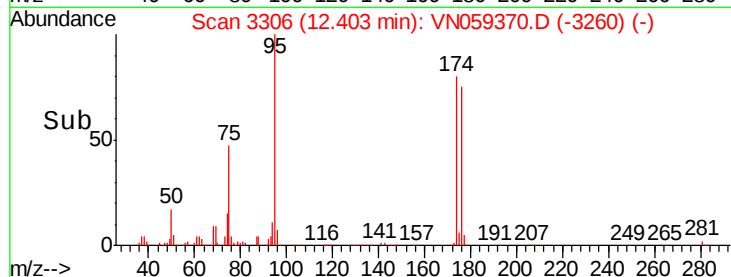
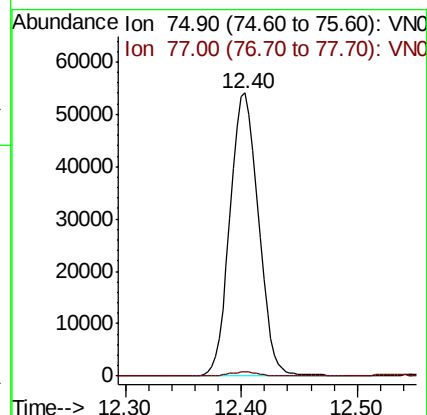
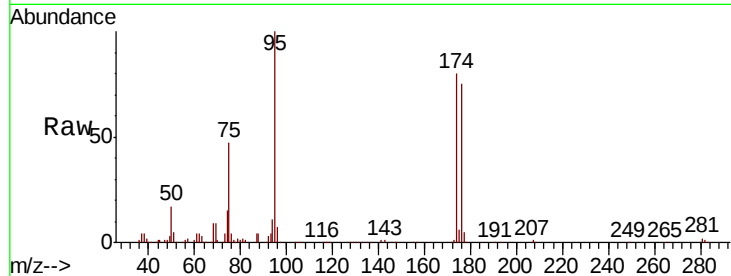
PB124989TB

Tot Ion: 75 Resp: 92090

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.967 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059370.D

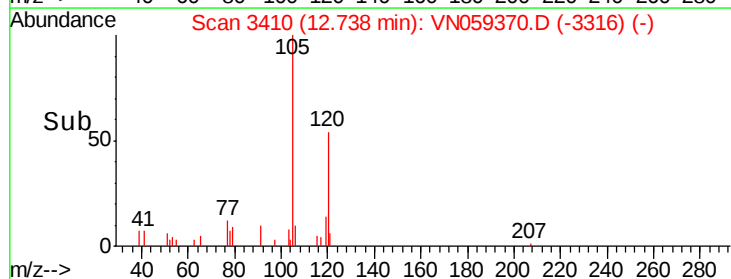
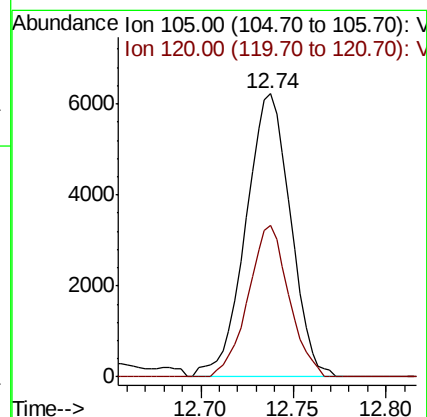
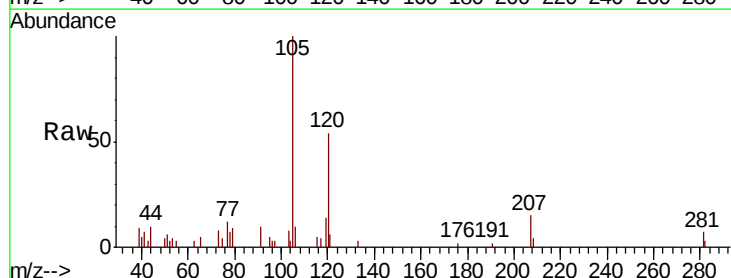
Acq: 22 Nov 2019 17:14

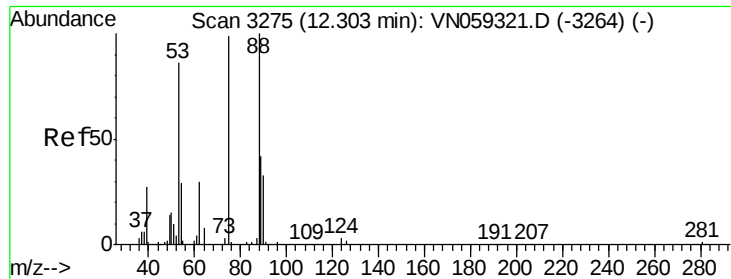
Tgt Ion: 105 Resp: 10431

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 63.648 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampled :

PB124989TB

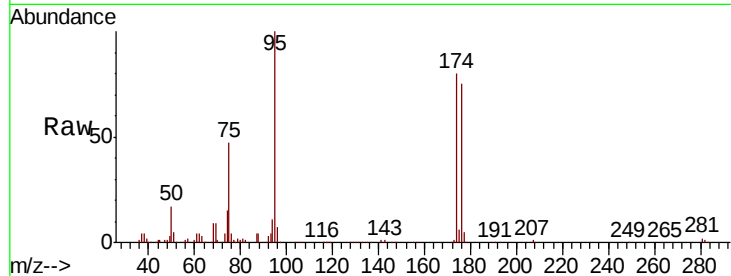
Tot Ion: 75 Resp: 92090

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

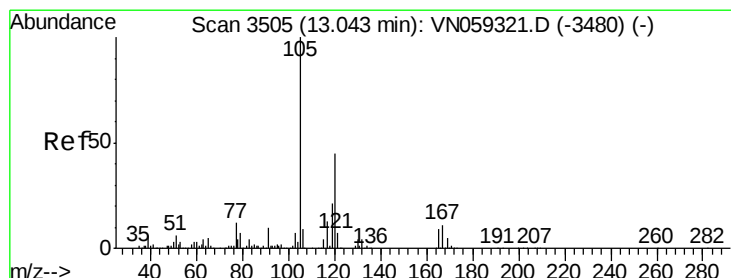
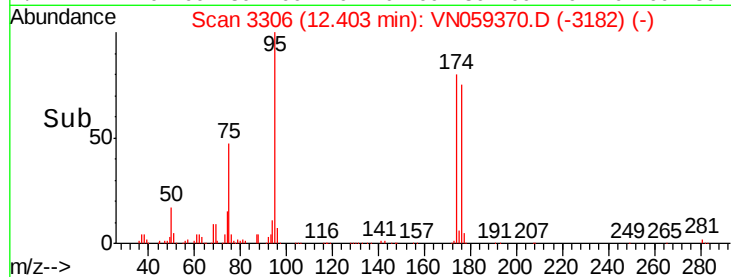
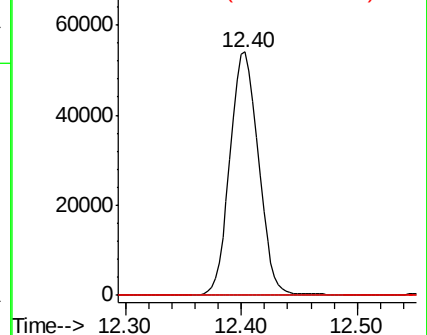
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.233 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059370.D

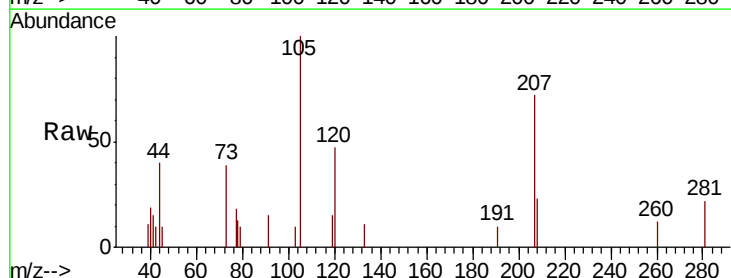
Acq: 22 Nov 2019 17:14

Tgt Ion: 105 Resp: 2462

Ion Ratio Lower Upper

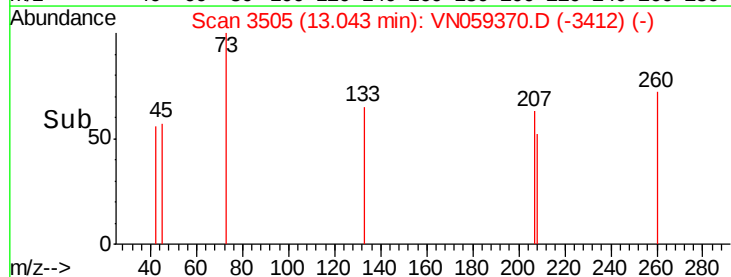
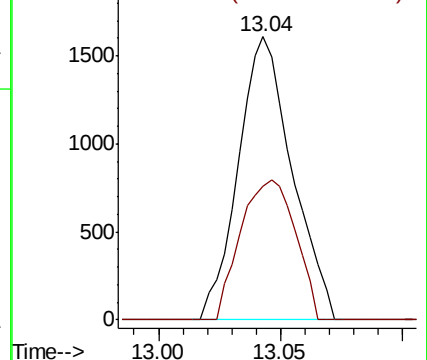
105 100

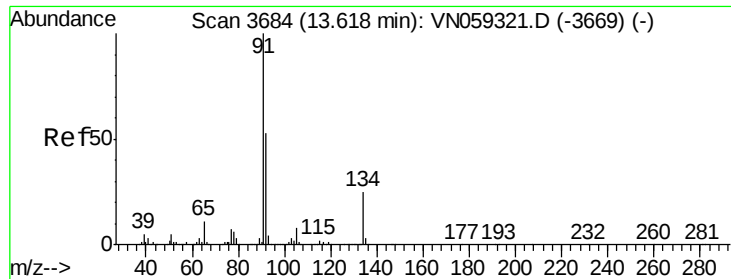
120 50.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.286 ug/l

RT: 13.62 min Scan# 3686

Delta R.T. 0.01 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB124989TB

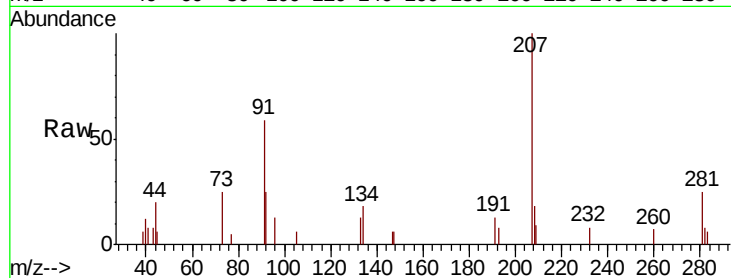
Tot Ion: 91 Resp: 2738

Ion Ratio Lower Upper

91 100

92 40.6 26.0 78.0

134 34.2 12.7 38.1

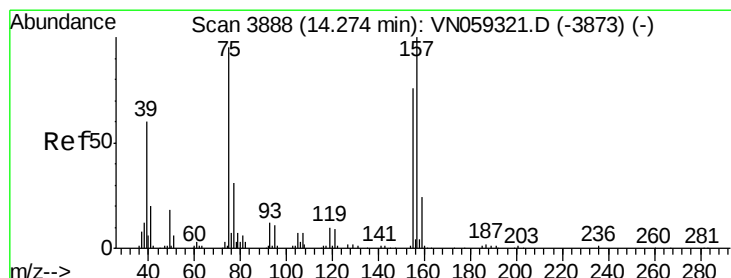
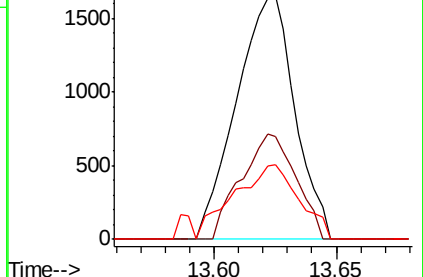
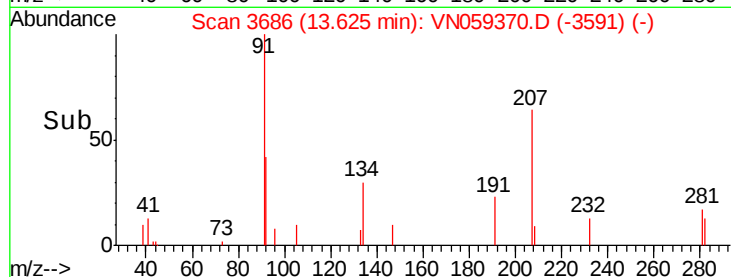


Abundance Ion 91.00 (90.70 to 91.70): VN059370.D (-3591) (-)

Ion 92.00 (91.70 to 92.70): VN059370.D (-3591) (-)

Ion 134.00 (133.70 to 134.70): VN059370.D (-3591) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.864 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

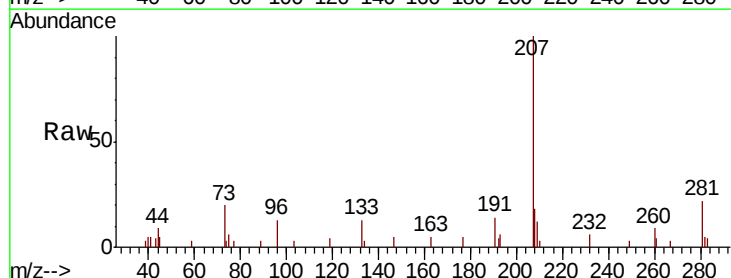
Tgt Ion: 75 Resp: 780

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

157 0.0 52.7 158.1#

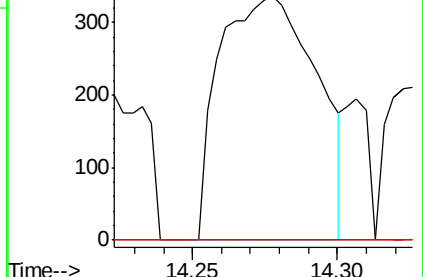
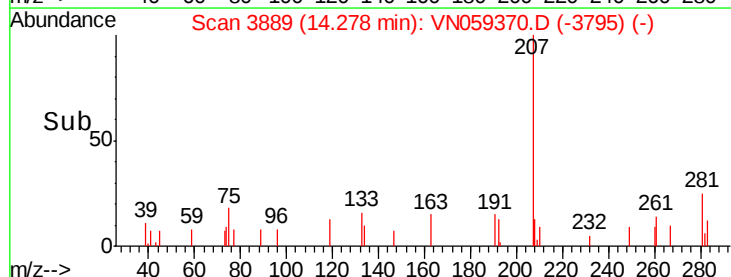


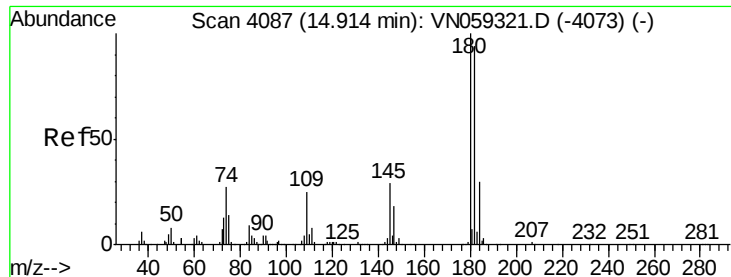
Abundance Ion 74.90 (74.60 to 75.60): VN059370.D (-3795) (-)

Ion 154.80 (154.50 to 155.50): VN059370.D (-3795) (-)

Ion 156.80 (156.50 to 157.50): VN059370.D (-3795) (-)

Time-->

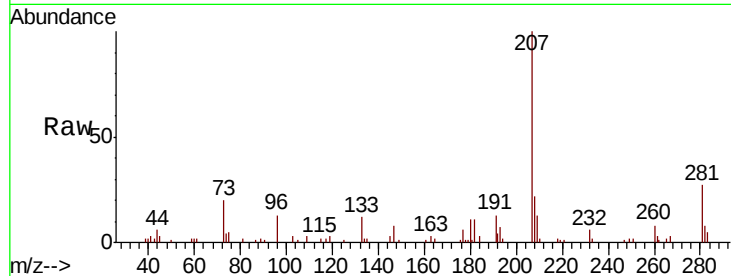




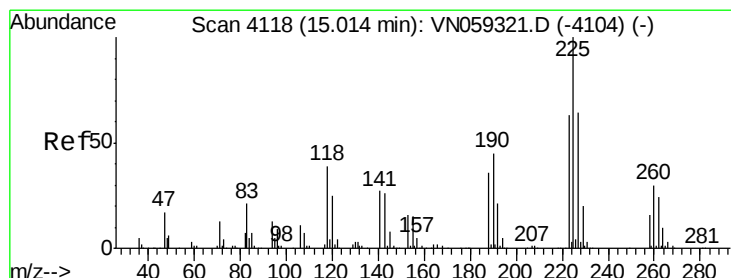
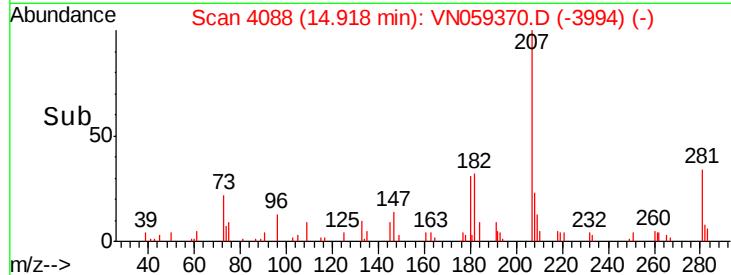
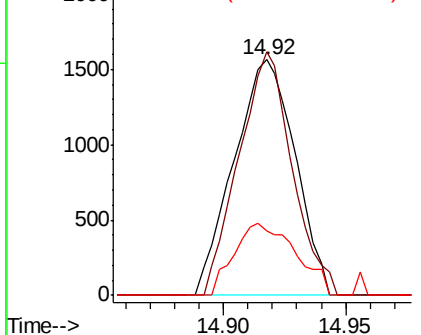
#93
 1,2,4-Trichlorobenzene
 Concen: 3.703 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059370.D
 Acq: 22 Nov 2019 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124989TB

Tot Ion:180 Resp: 2710
 Ion Ratio Lower Upper
 180 100
 182 90.5 47.2 141.6
 145 30.9 14.9 44.5

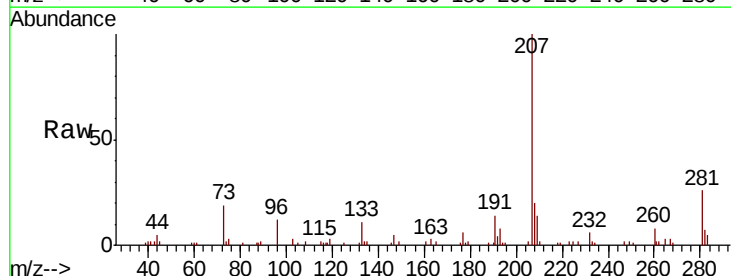


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

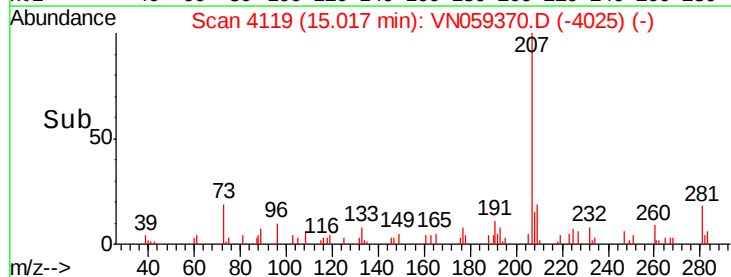
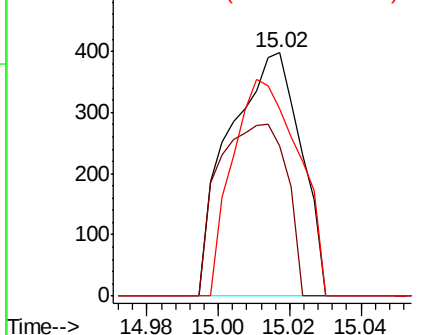


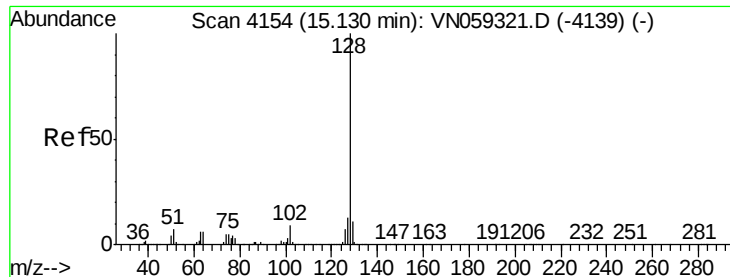
#94
 Hexachlorobutadiene
 Concen: 0.285 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN059370.D
 Acq: 22 Nov 2019 17:14

Tgt Ion:225 Resp: 551
 Ion Ratio Lower Upper
 225 100
 223 67.3 31.6 94.8
 227 82.4 32.6 97.7



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





#95

Naphthalene

Concen: 4.311 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB124989TB

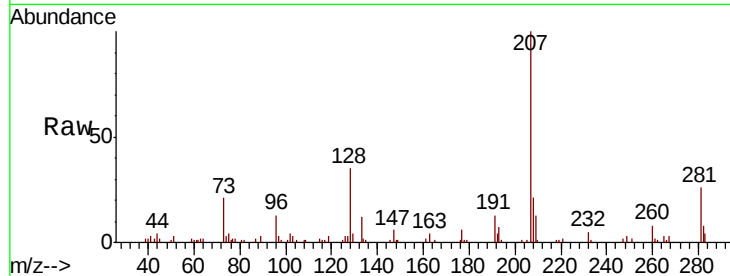
Tot Ion:128 Resp: 11272

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.2

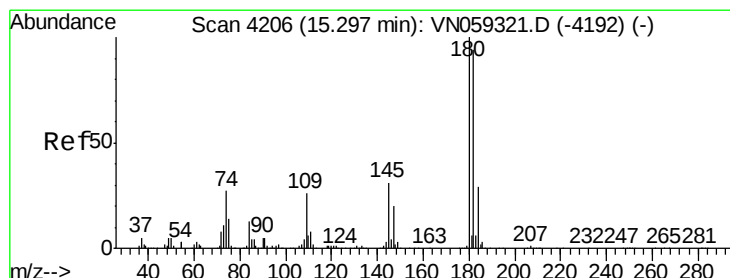
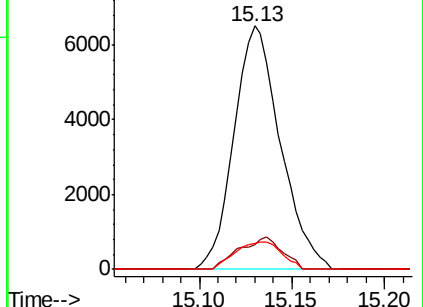
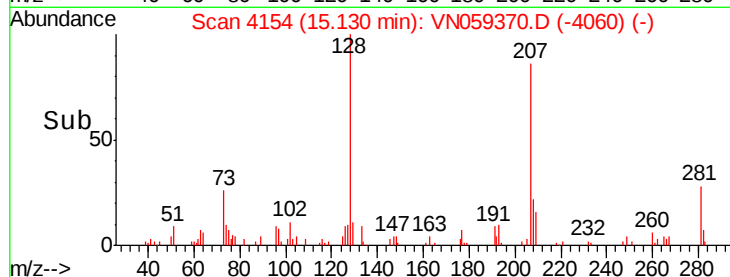
129 11.4 8.6 13.0



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: 2.960 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059370.D

Acq: 22 Nov 2019 17:14

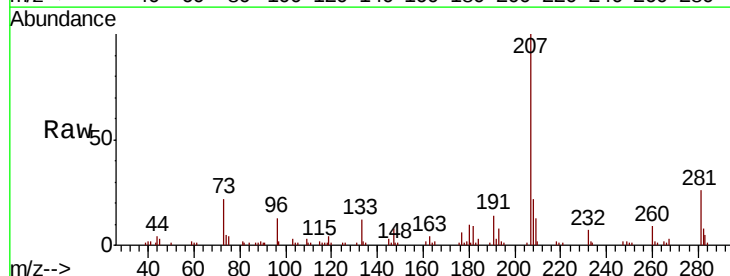
Tgt Ion:180 Resp: 3601

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.4

145 34.3 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

