

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059494.D
 Acq On : 5 Dec 2019 12:58
 Operator : JC/SP
 Sample : PB125248TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125248TB

Quant Time: Dec 06 00:31:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	324379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	513352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	463418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	176389	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	204654	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
35) Dibromofluoromethane	7.57	113	159138	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.08	98	634081	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	207554	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	184	0.242	ug/l #	73
13) Acrolein	3.58	56	225	0.341	ug/l	96
16) Acetone	3.80	43	10861	Below Cal		95
17) Carbon Disulfide	4.02	76	2523	0.220	ug/l #	73
18) Methyl Acetate	4.29	43	1625	0.300	ug/l #	88
20) Methylene Chloride	4.52	84	6356	0.487	ug/l	90
25) 2-Butanone	6.82	43	6144	2.006	ug/l	93
29) Tetrahydrofuran	7.20	42	962	0.500	ug/l #	66
31) Cyclohexane	7.64	56	6901	1.016	ug/l #	2
36) 1,1-Dichloropropene	7.64	75	24808	4.644	ug/l #	49
37) Ethyl Acetate	6.82	43	6144	1.030	ug/l #	68
38) Carbon Tetrachloride	7.64	117	31186	6.070	ug/l #	15
41) Methacrylonitrile	7.19	41	944	0.390	ug/l #	100
43) Isopropyl Acetate	8.15	43	100470	11.320	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2138	0.512	ug/l #	44
48) Methyl methacrylate	9.16	41	6838	1.708	ug/l #	13
49) 1,4-Dioxane	9.25	88	91	1.502	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	8114	1.540	ug/l	91
52) Toluene	10.14	92	2754	0.291	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	42926	6.597	ug/l #	62
56) Ethyl methacrylate	10.43	69	256	1.493	ug/l #	26
57) 1,3-Dichloropropane	10.76	76	7180	1.113	ug/l #	42
59) 2-Hexanone	10.76	43	110578	27.891	ug/l #	52
74) N-amyl acetate	12.03	43	3758	0.660	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	101042	23.039	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6128	0.518	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	101042	60.462	ug/l #	15
89) n-Butylbenzene	13.62	91	2618	0.240	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	1348	0.226	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	821	0.748	ug/l #	16
93) 1,2,4-Trichlorobenzene	14.91	180	2778	0.762	ug/l	86
94) Hexachlorobutadiene	15.01	225	723	Below Cal		82
95) Naphthalene	15.13	128	11943	3.558	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	3383	2.853	ug/l	87

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QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration

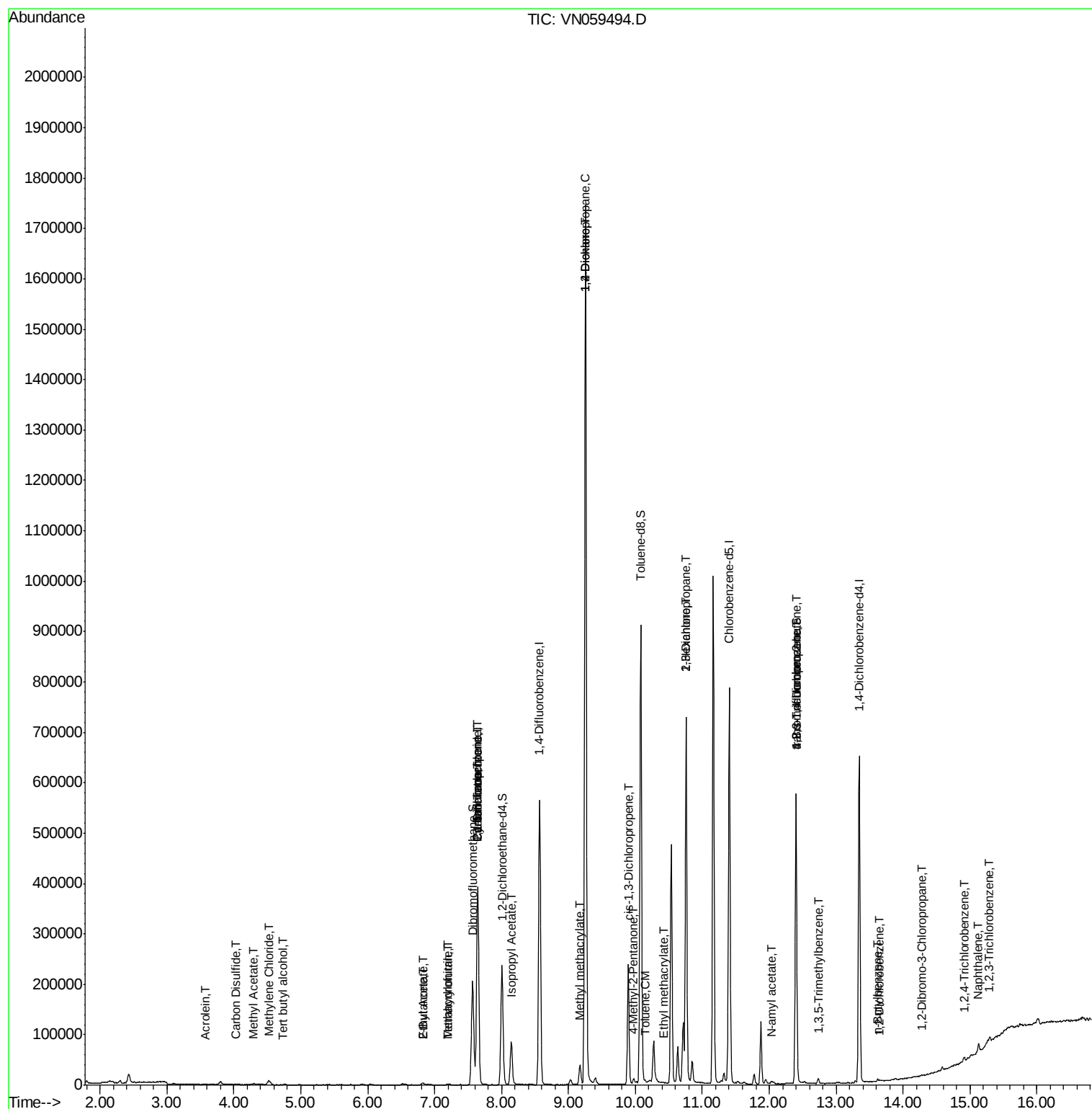
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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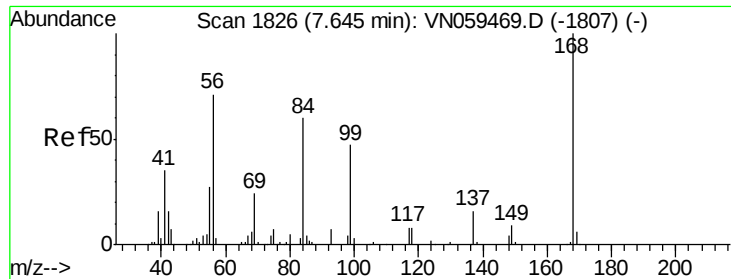
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

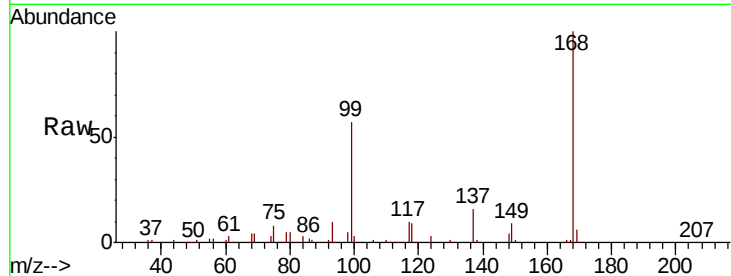
PB125248TB

Tot Ion:168 Resp: 324379

Ion Ratio Lower Upper

168 100

99 56.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): VN059469.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059469.D (-1807) (-)

7.64

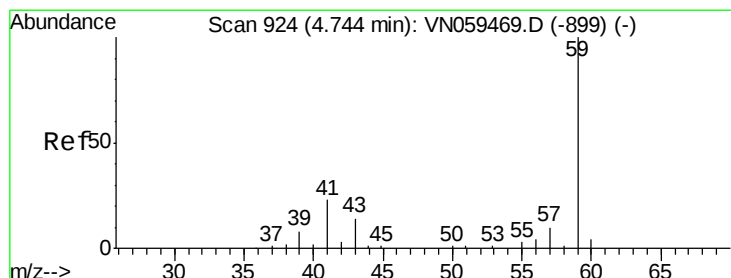
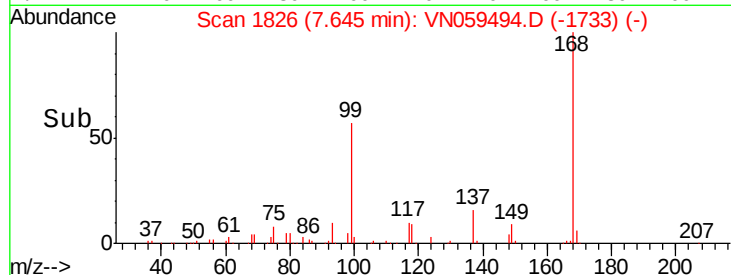
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.242 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.01 min

Lab File: VN059494.D

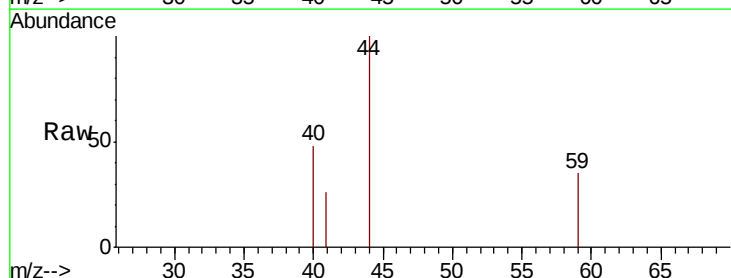
Acq: 5 Dec 2019 12:58

Tgt Ion: 59 Resp: 184

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN059469.D (-899) (-)

Ion 57.00 (56.70 to 57.70): VN059469.D (-899) (-)

4.74

250

200

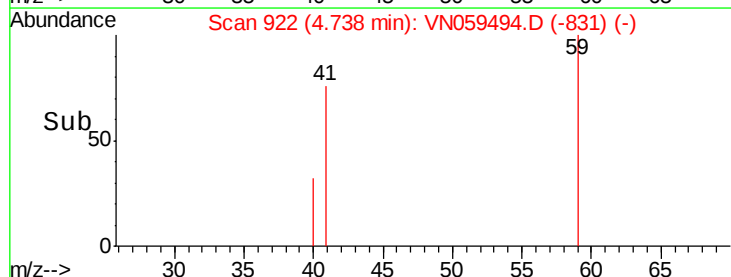
150

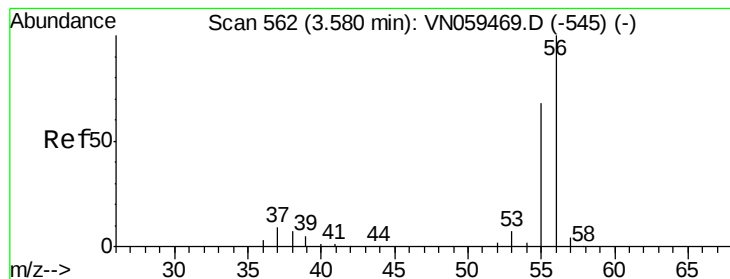
100

50

0

Time-->





#13

Acrolein

Concen: 0.341 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

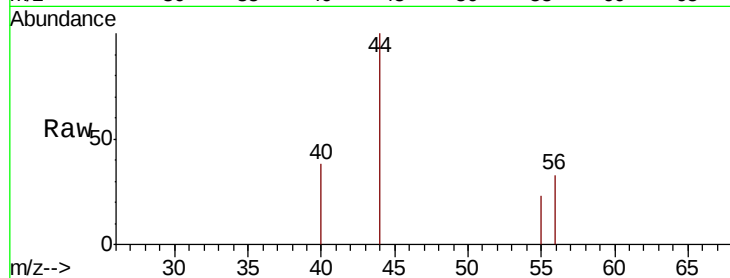
PB125248TB

Tot Ion: 56 Resp: 225

Ion Ratio Lower Upper

56 100

55 67.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

250

200

150

100

50

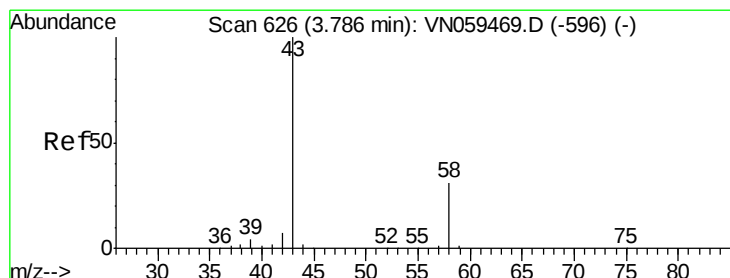
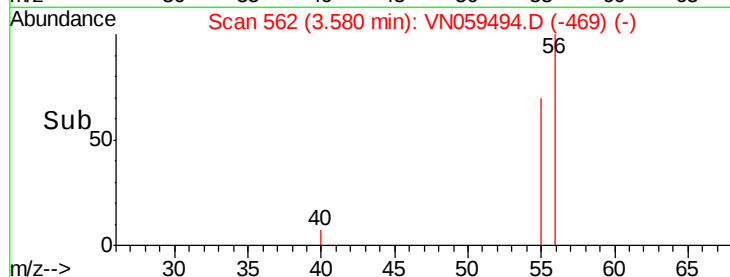
0

3.56

3.58

3.60

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059494.D

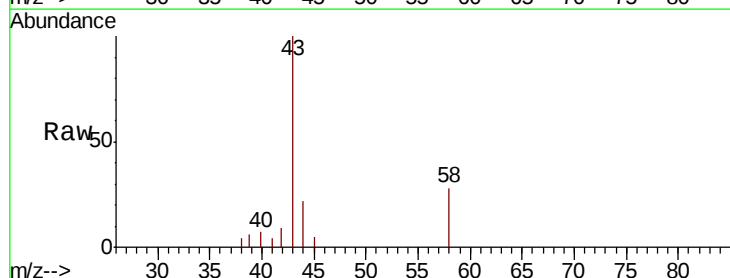
Acq: 5 Dec 2019 12:58

Tgt Ion: 43 Resp: 10861

Ion Ratio Lower Upper

43 100

58 28.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

4000

3000

2000

1000

0

3.70

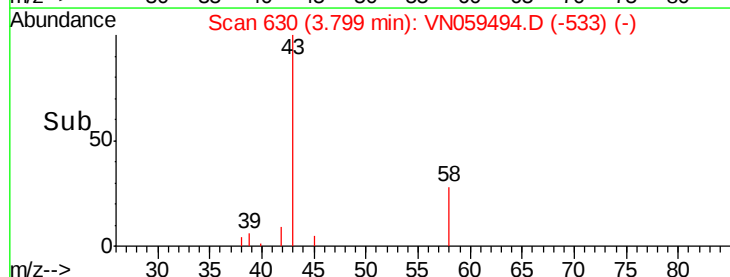
3.75

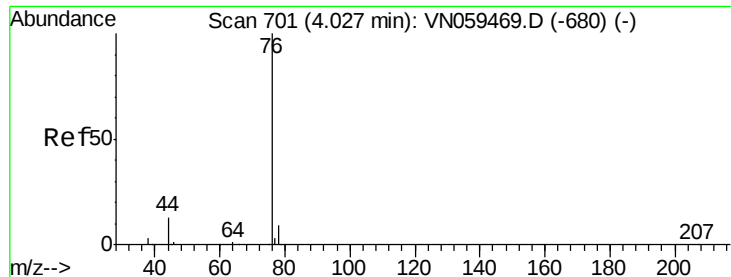
3.80

3.85

3.90

Time-->





#17

Carbon Disulfide

Concen: 0.220 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.01 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

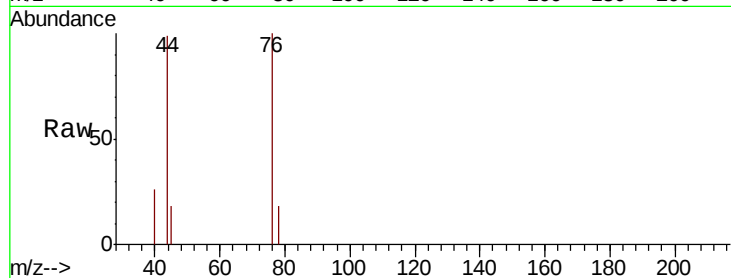
PB125248TB

Tot Ion: 76 Resp: 2523

Ion Ratio Lower Upper

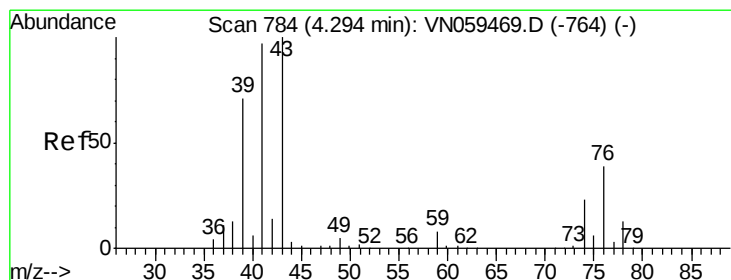
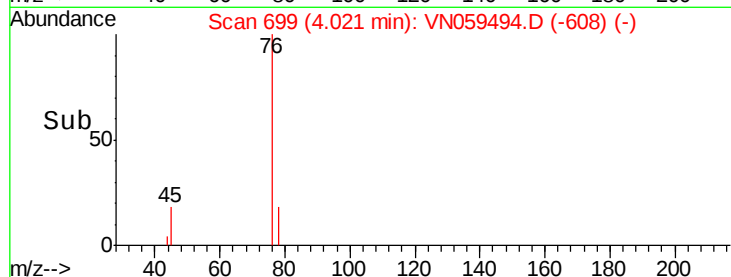
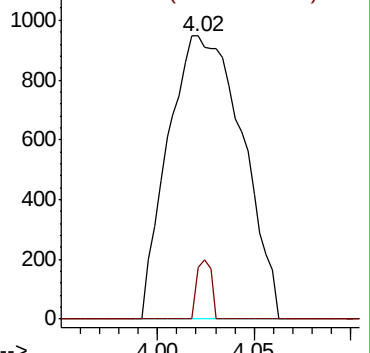
76 100

78 18.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.300 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059494.D

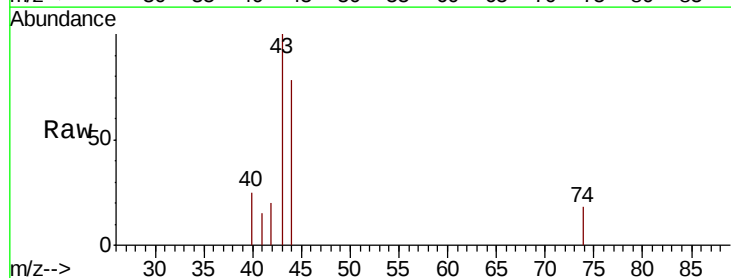
Acq: 5 Dec 2019 12:58

Tgt Ion: 43 Resp: 1625

Ion Ratio Lower Upper

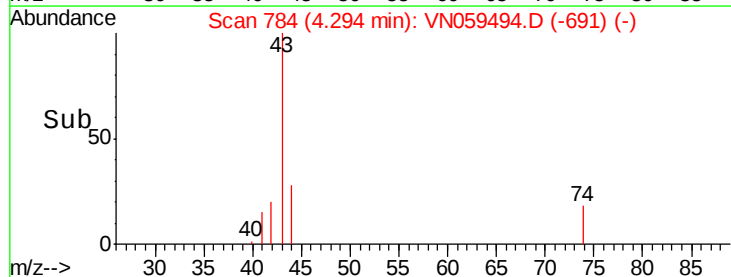
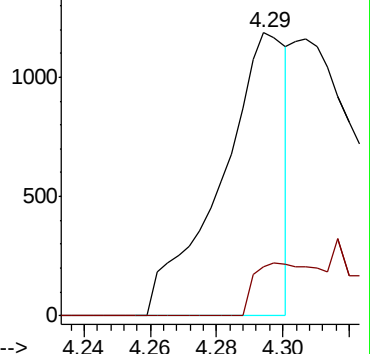
43 100

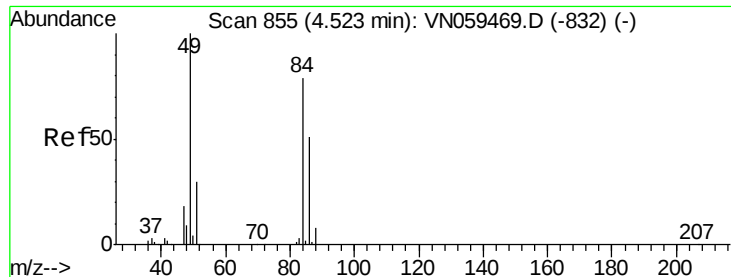
74 17.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

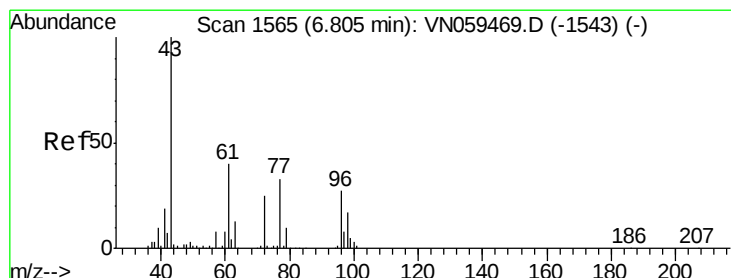
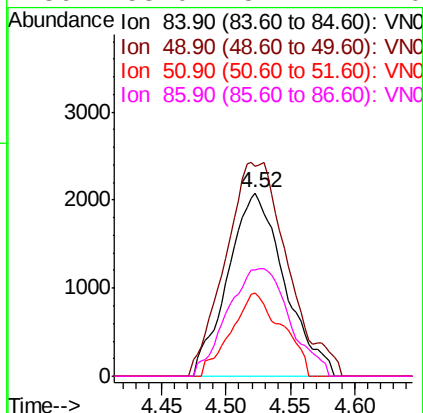
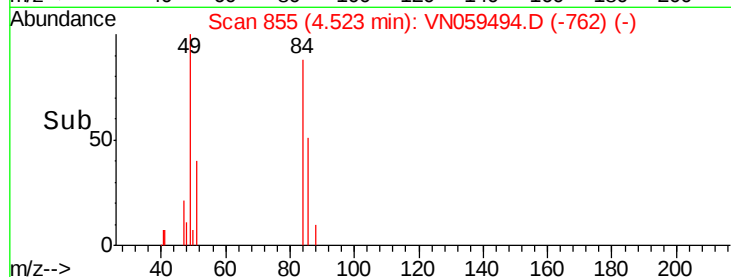
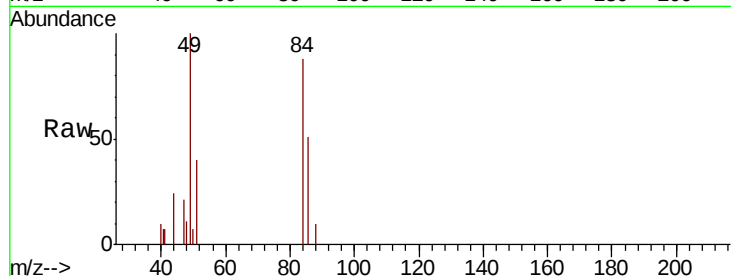




#20
Methvlene Chloride
Concen: 0.487 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059494.D
Acq: 5 Dec 2019 12:58

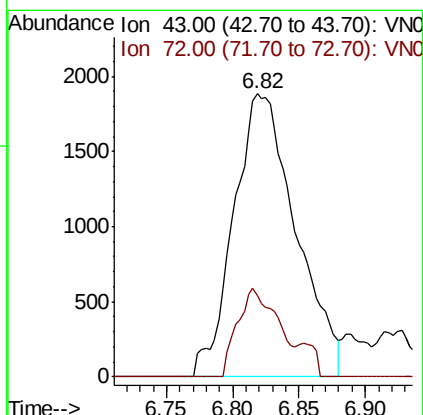
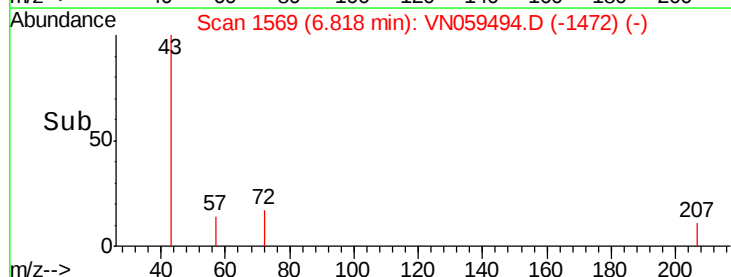
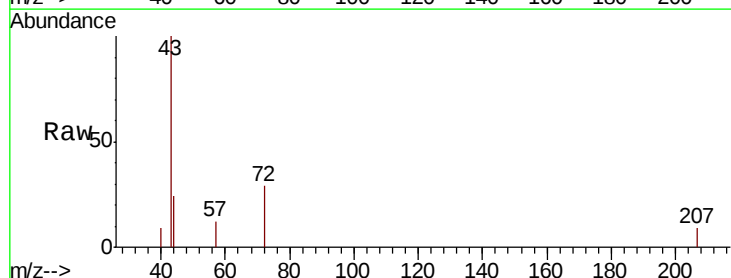
Instrument :
MSVOA_N
ClientSampleId :
PB125248TB

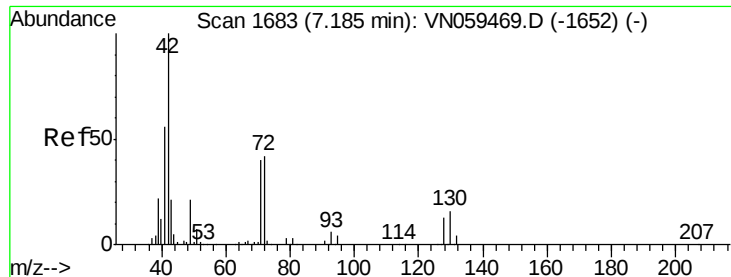
Tot Ion: 84 Resp: 6356
Ion Ratio Lower Upper
84 100
49 114.2 101.1 151.7
51 45.7 30.7 46.1
86 58.0 51.4 77.0



#25
2-Butanone
Concen: 2.006 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059494.D
Acq: 5 Dec 2019 12:58

Tgt Ion: 43 Resp: 6144
Ion Ratio Lower Upper
43 100
72 28.8 20.2 30.2





#29

Tetrahydrofuran

Concen: 0.500 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.02 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

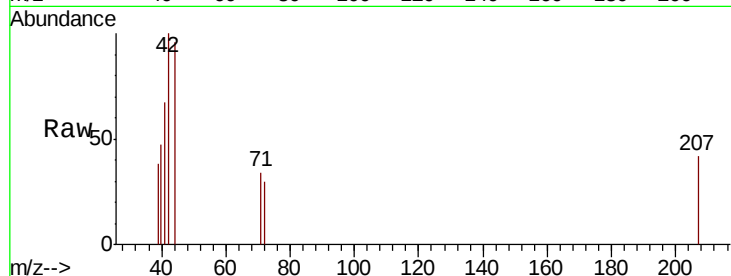
Tot Ion: 42 Resp: 962

Ion Ratio Lower Upper

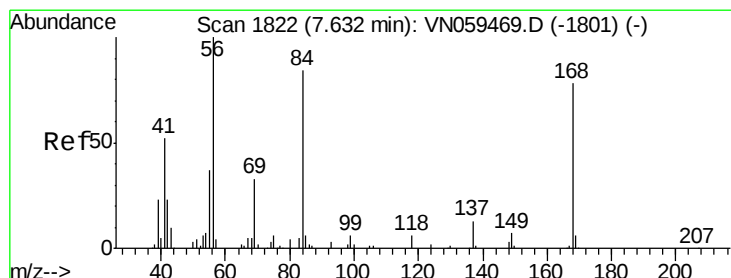
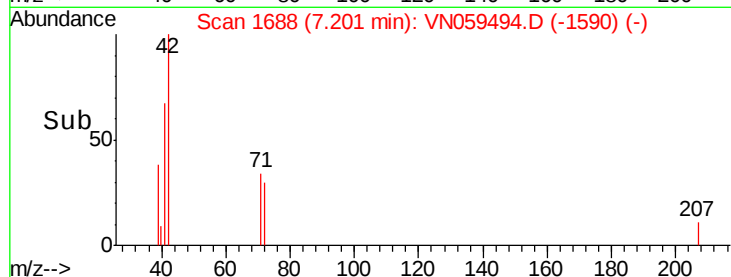
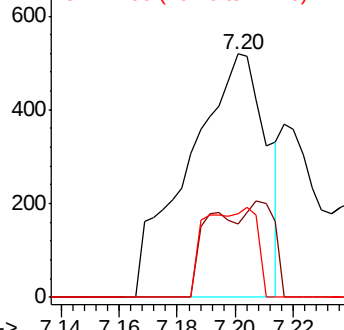
42 100

72 15.0 34.2 51.2#

71 24.7 32.0 48.0#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



#31

Cyclohexane

Concen: 1.016 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

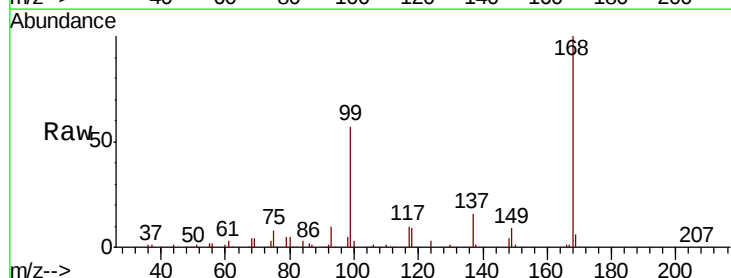
Tgt Ion: 56 Resp: 6901

Ion Ratio Lower Upper

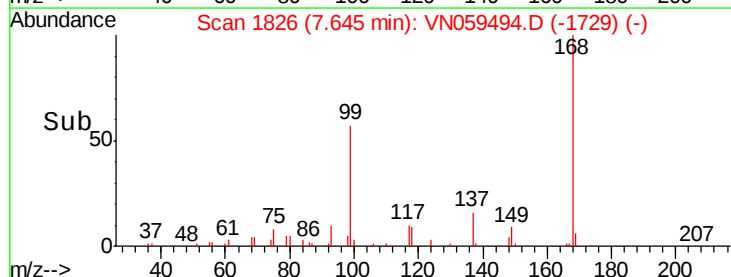
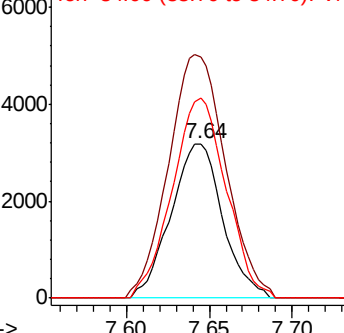
56 100

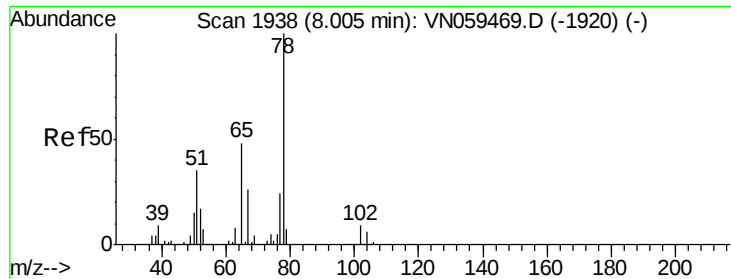
69 155.7 26.2 39.4#

84 129.5 66.8 100.2#



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





#33

1,2-Dichloroethane-d4

Concen: 50.787 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

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ClientSampleId :

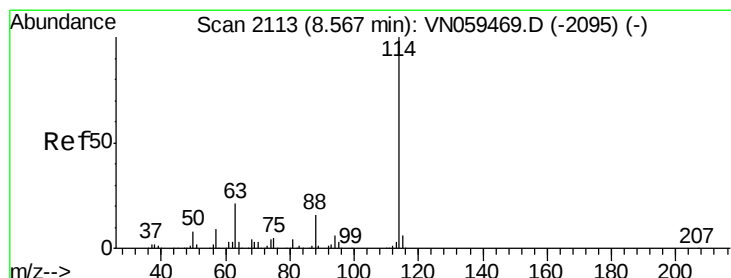
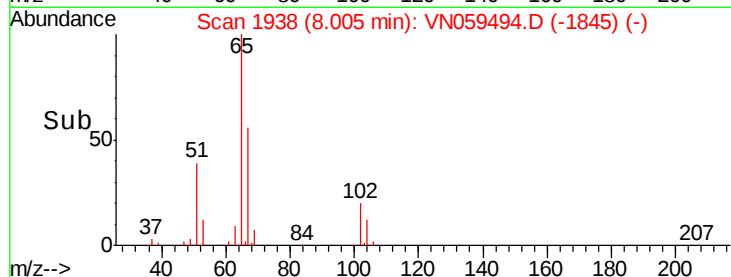
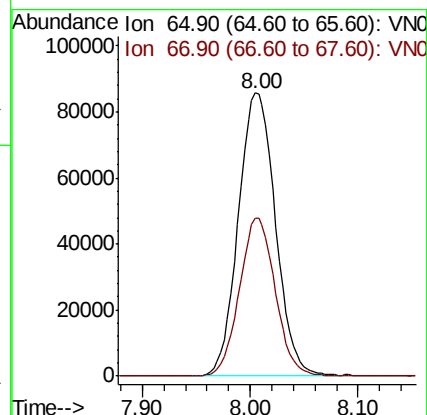
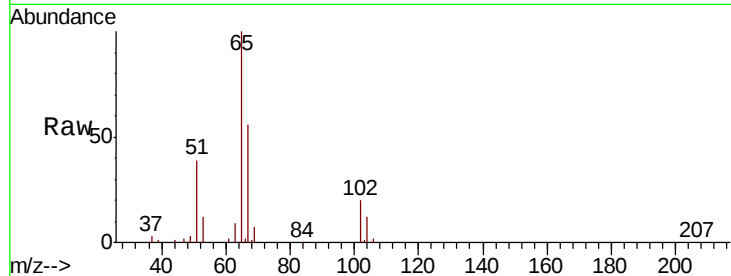
PB125248TB

Tot Ion: 65 Resp: 204654

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

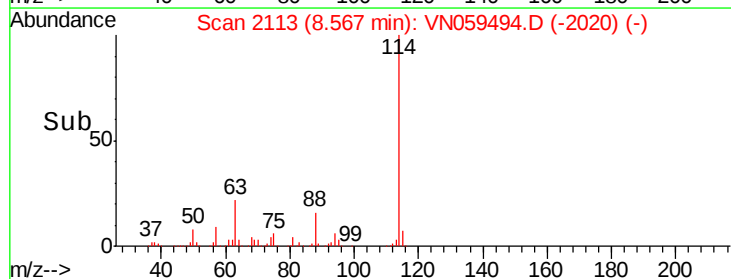
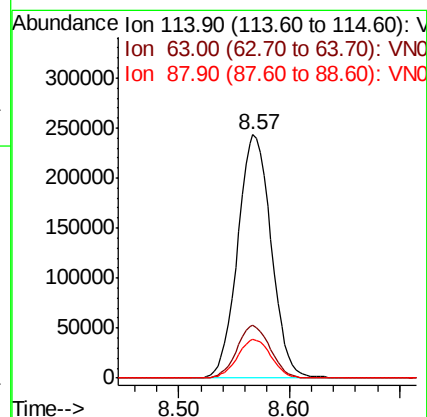
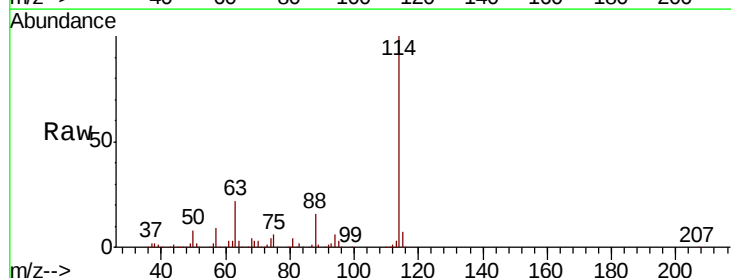
Tgt Ion: 114 Resp: 513352

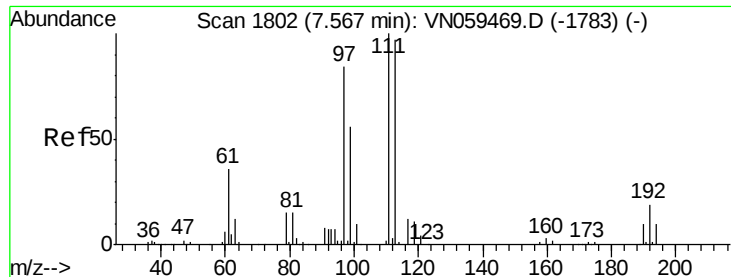
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 15.9 0.0 32.8

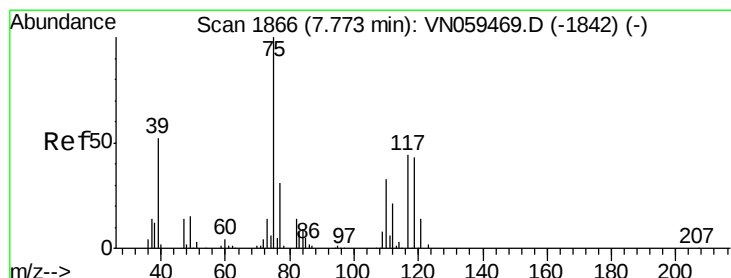
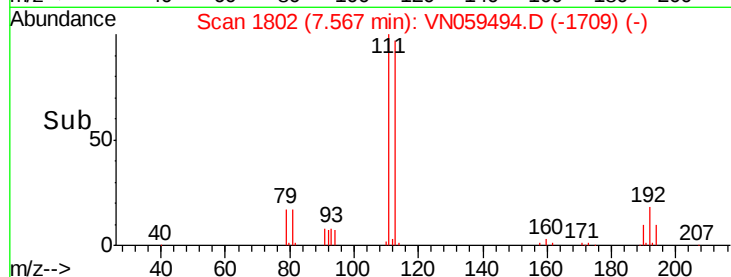
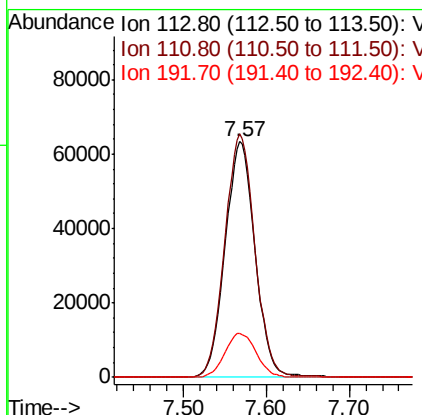
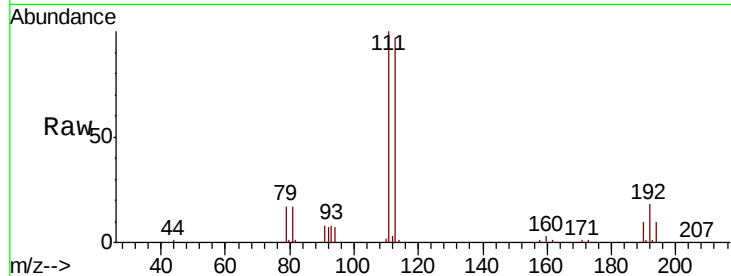




#35
 Dibromofluoromethane
 Concen: 49.773 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059494.D
 Acq: 5 Dec 2019 12:58

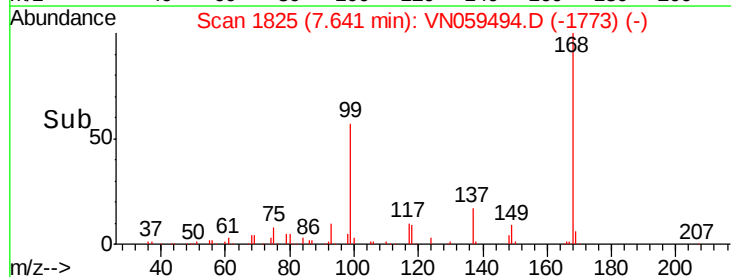
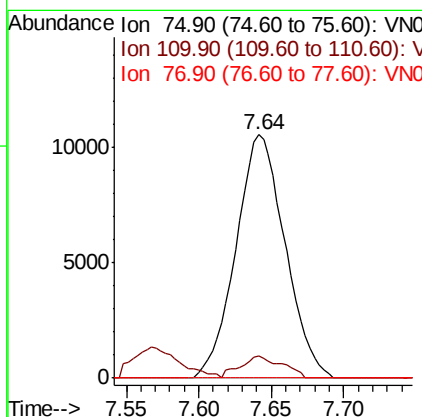
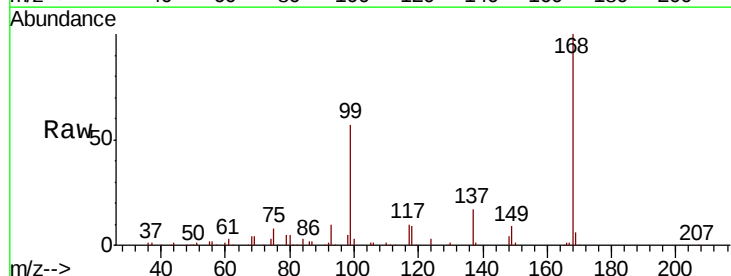
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125248TB

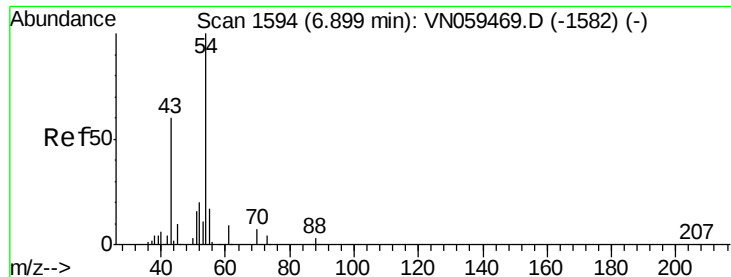
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.5	123.7
192	19.4	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 4.644 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059494.D
 Acq: 5 Dec 2019 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.9	50.7#
77	0.0	25.1	37.7#

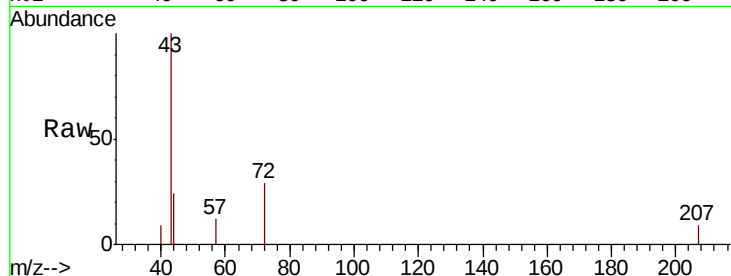




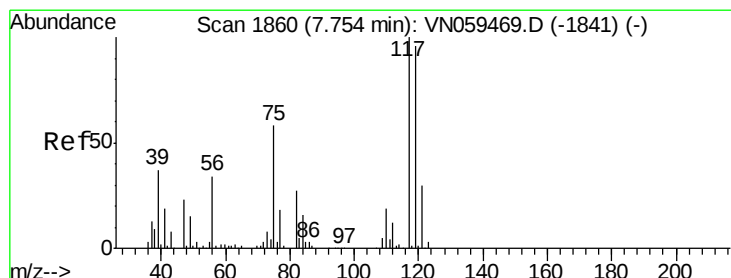
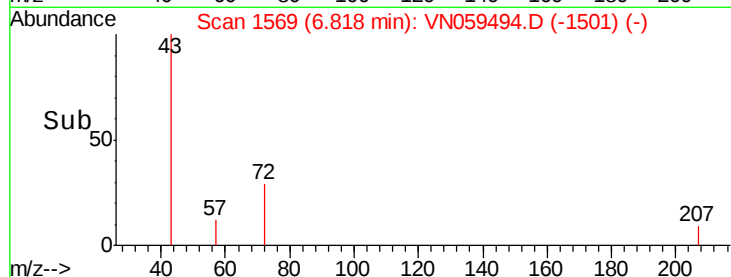
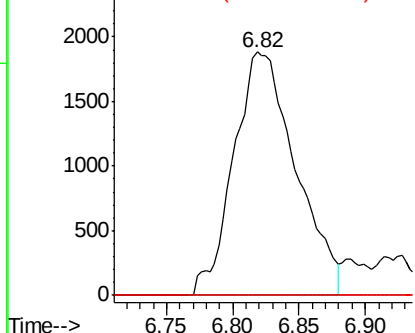
#37
Ethyl Acetate
Concen: 1.030 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.08 min
Lab File: VN059494.D
Acq: 5 Dec 2019 12:58

Instrument :
MSVOA_N
ClientSampleId :
PB125248TB

Tot Ion: 43 Resp: 6144
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.3 12.5#

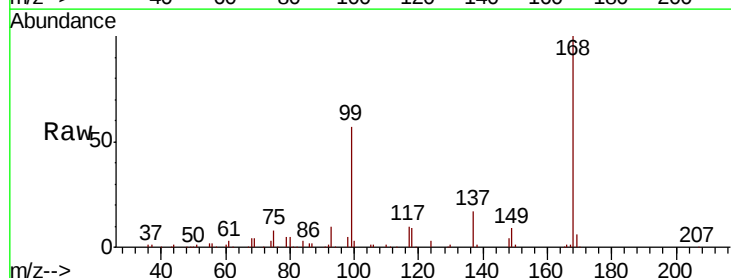


Abundance Ion 43.00 (42.70 to 43.70): VN059494.D
Ion 60.90 (60.60 to 61.60): VN059494.D
Ion 70.00 (69.70 to 70.70): VN059494.D

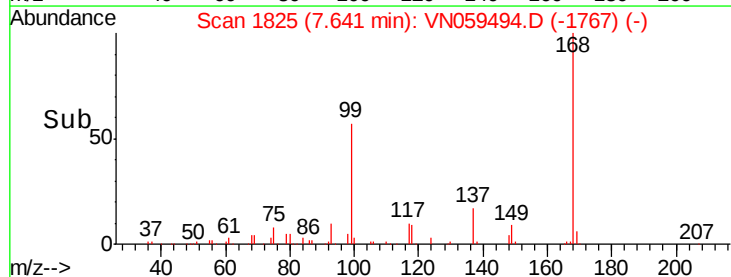
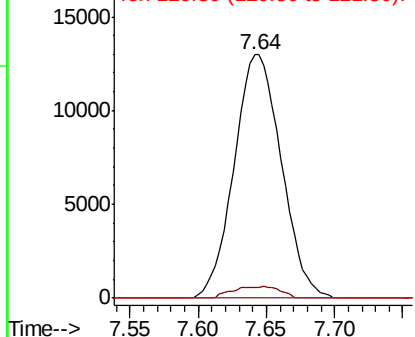


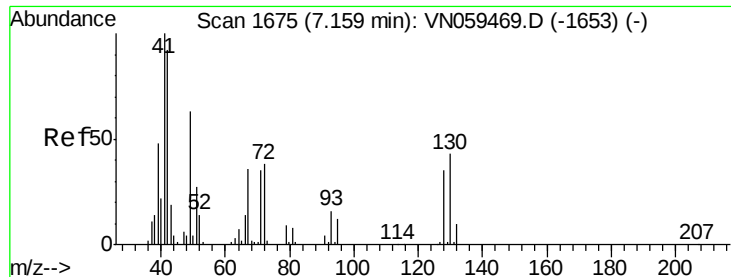
#38
Carbon Tetrachloride
Concen: 6.070 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059494.D
Acq: 5 Dec 2019 12:58

Tgt Ion: 117 Resp: 31186
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): VN059494.D
Ion 118.80 (118.50 to 119.50): VN059494.D
Ion 120.80 (120.50 to 121.50): VN059494.D

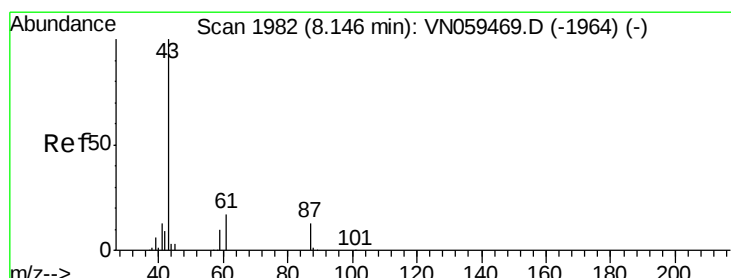
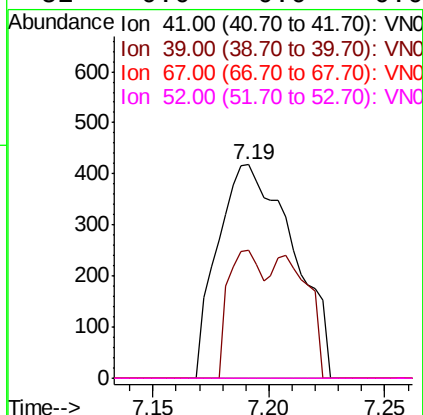
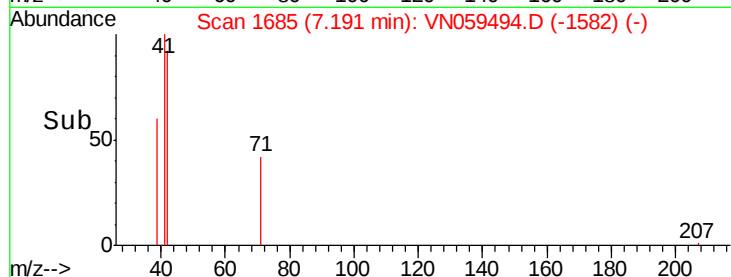
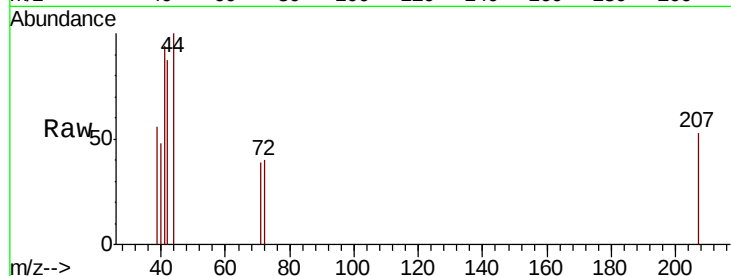




#41
Methacrylonitrile
Concen: 0.390 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.03 min
Lab File: VN059494.D
Acq: 5 Dec 2019 12:58

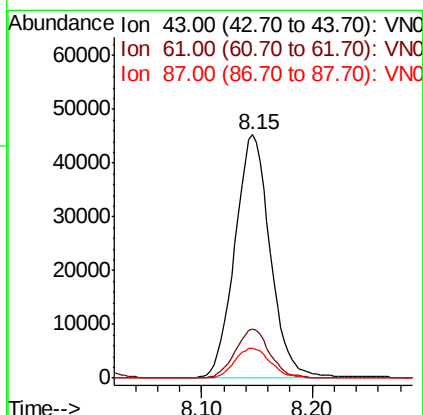
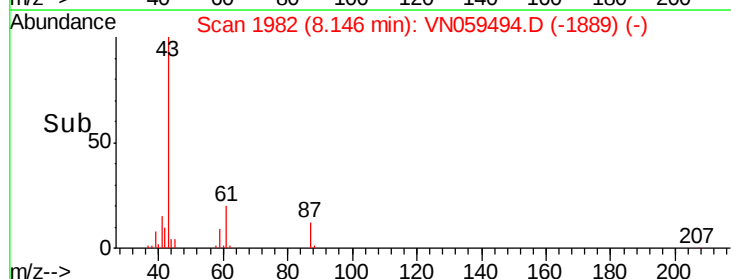
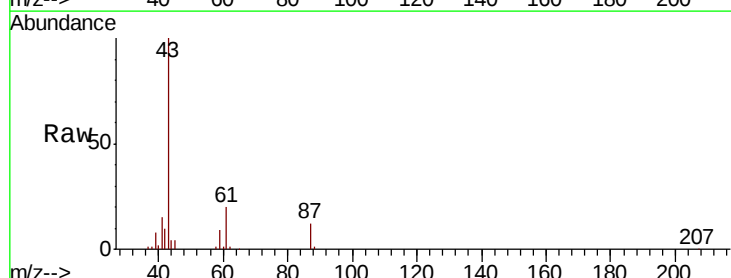
Instrument :
MSVOA_N
ClientSampleID :
PB125248TB

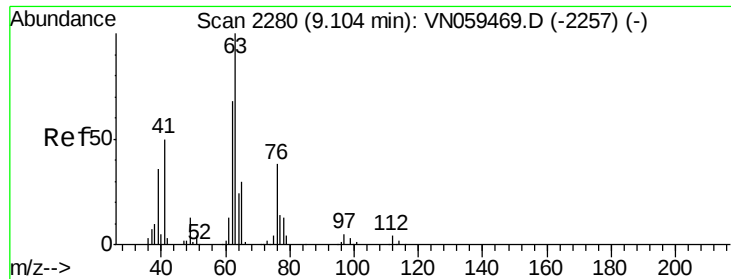
Tot Ion: 41 Resp: 944
Ion Ratio Lower Upper
41 100
39 26.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 11.320 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VN059494.D
Acq: 5 Dec 2019 12:58

Tgt Ion: 43 Resp: 100470
Ion Ratio Lower Upper
43 100
61 19.4 21.0 31.6#
87 12.5 10.4 15.6





#45

1,2-Dichloropropane

Concen: 0.512 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

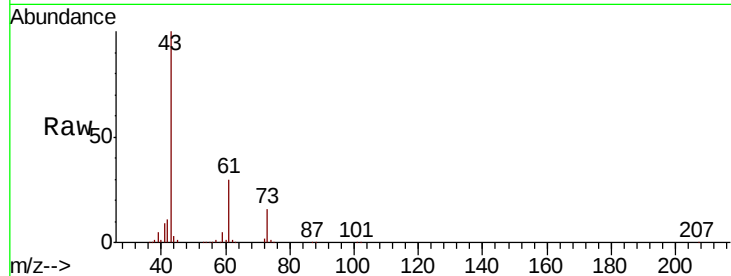
PB125248TB

Tot Ion: 63 Resp: 2138

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.26

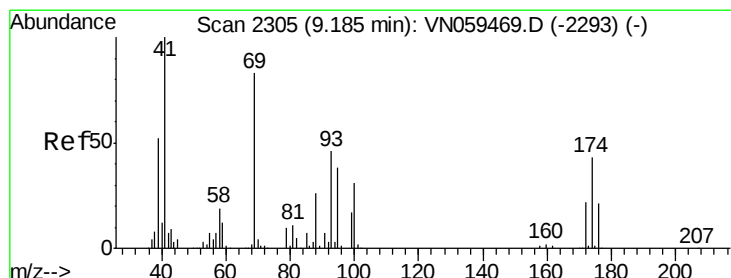
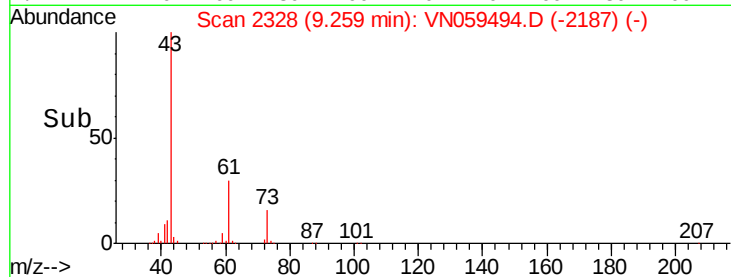
1000

500

0

Time-->

9.20 9.25 9.30



#48

Methyl methacrylate

Concen: 1.708 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.02 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

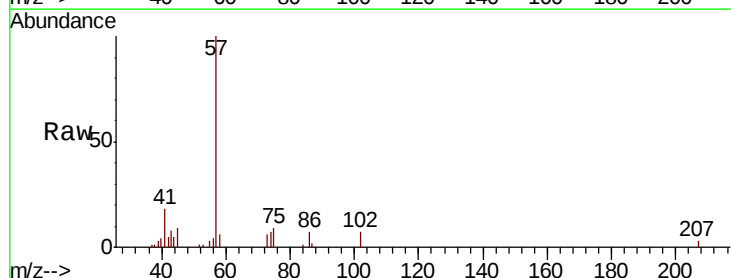
Tgt Ion: 41 Resp: 6838

Ion Ratio Lower Upper

41 100

69 0.0 68.6 103.0#

39 0.0 43.2 64.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

120000

100000

80000

60000

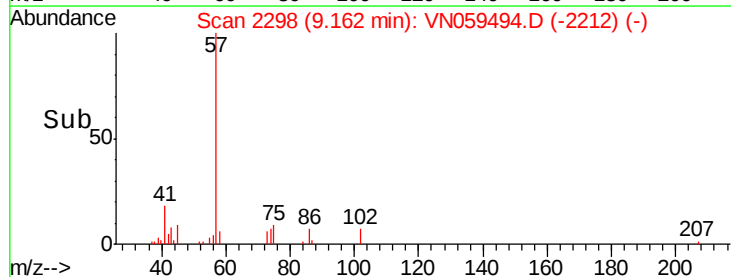
40000

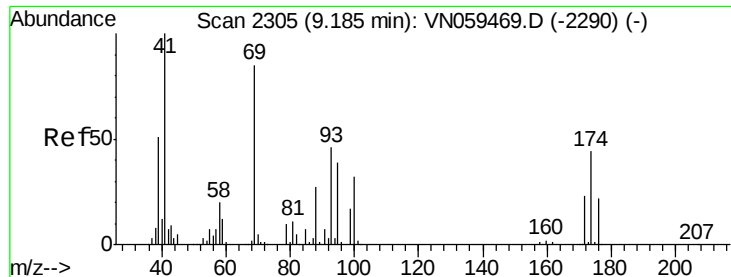
20000

0

Time-->

9.10 9.15 9.20





#49

1,4-Dioxane

Concen: 1.502 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.07 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

PB125248TB

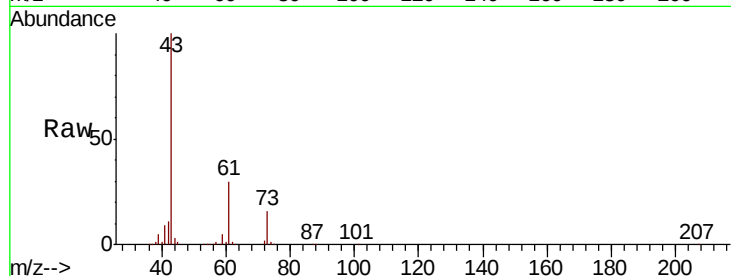
Tot Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 1879411.0 27.1 40.7#

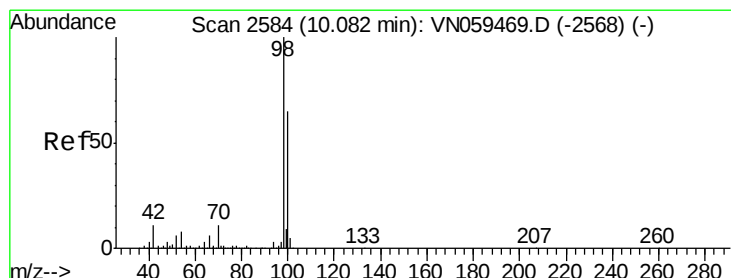
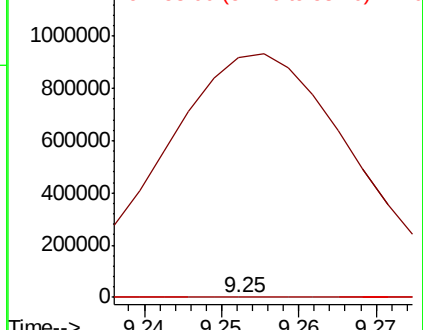
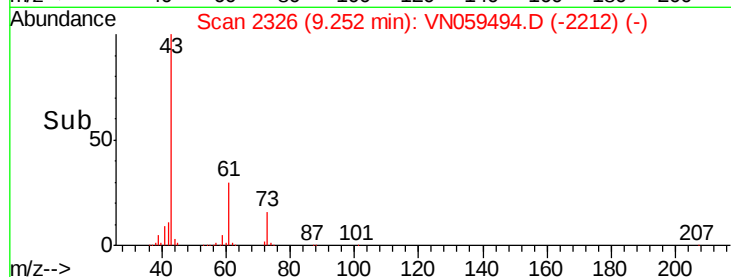
58 7776.9 57.8 86.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.299 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059494.D

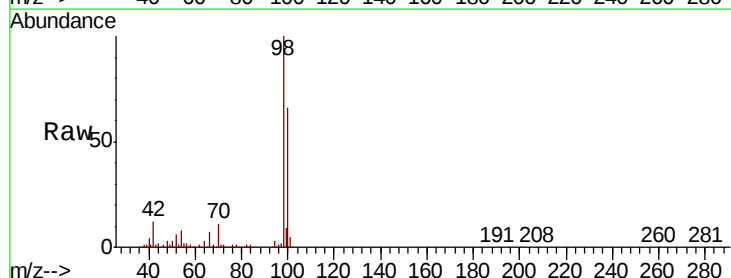
Acq: 5 Dec 2019 12:58

Tgt Ion: 98 Resp: 634081

Ion Ratio Lower Upper

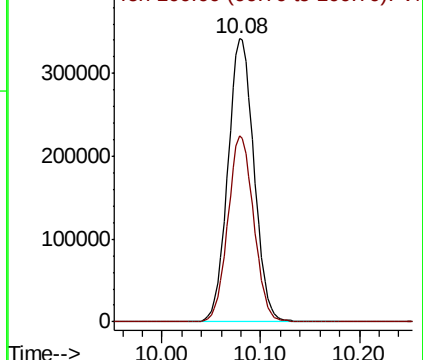
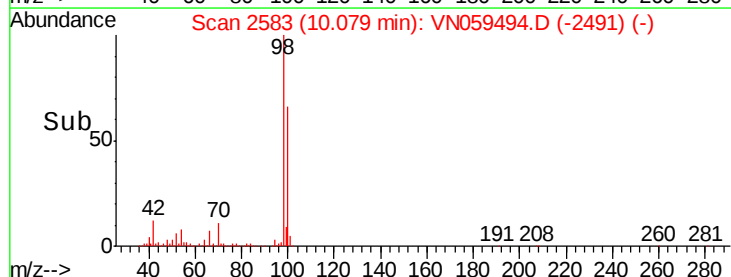
98 100

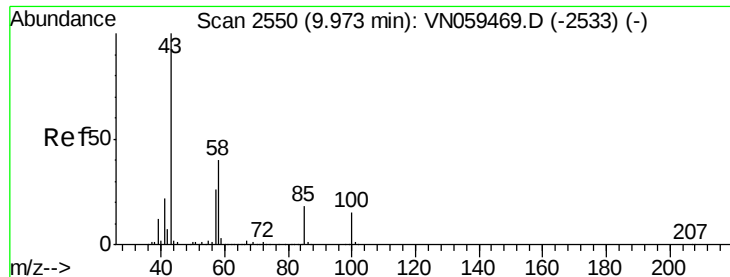
100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.540 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

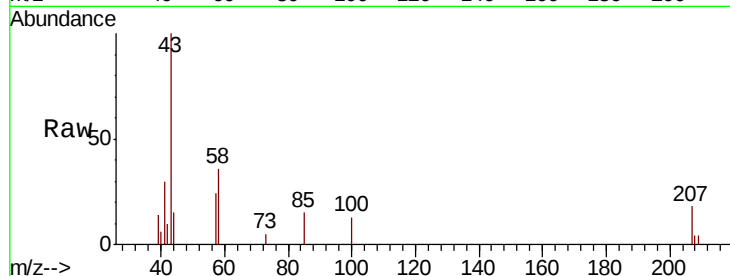
PB125248TB

Tot Ion: 43 Resp: 8114

Ion Ratio Lower Upper

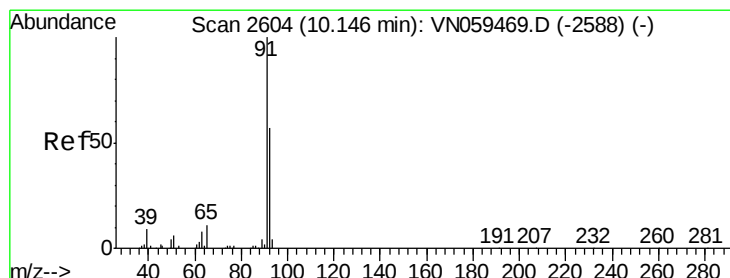
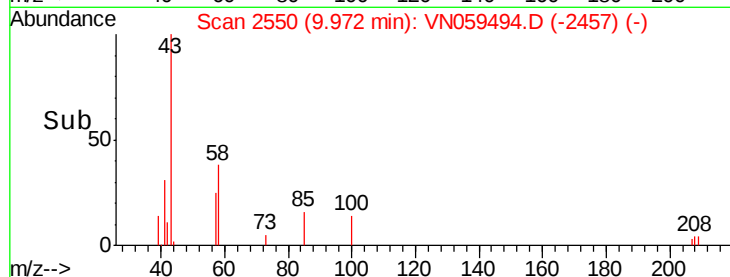
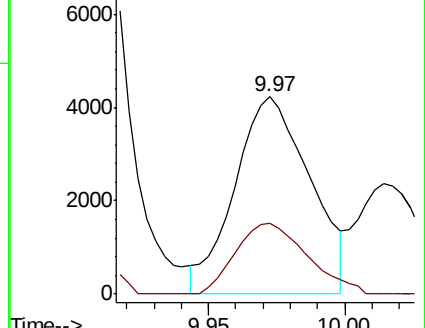
43 100

58 34.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN059469.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN059469.D (-2533) (-)



#52

Toluene

Concen: 0.291 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059494.D

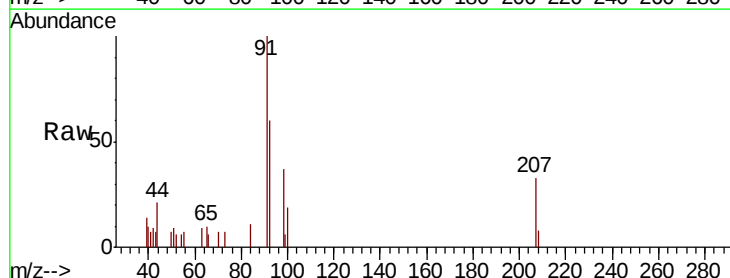
Acq: 5 Dec 2019 12:58

Tgt Ion: 92 Resp: 2754

Ion Ratio Lower Upper

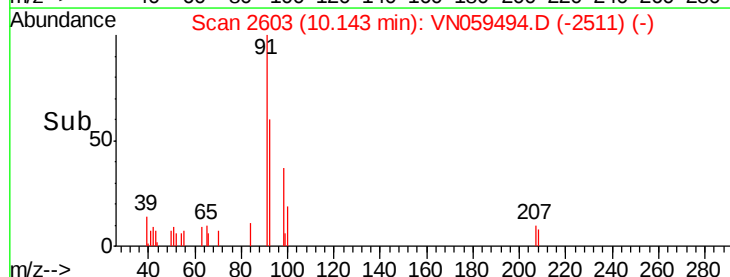
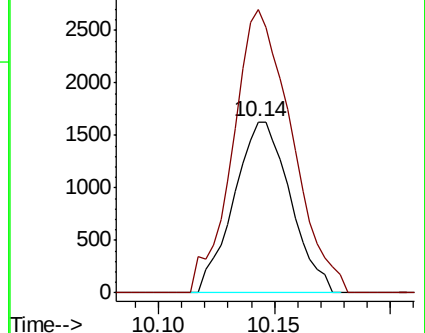
92 100

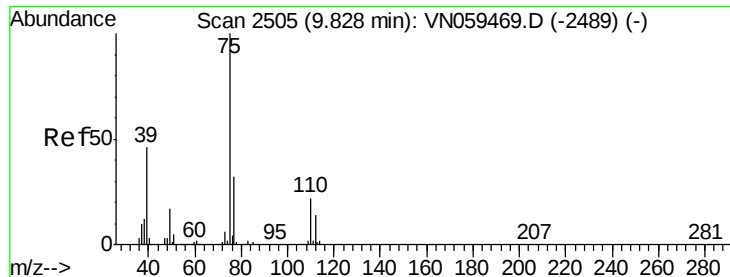
91 173.1 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN059469.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059469.D (-2588) (-)





#54

cis-1,3-Dichloropropene

Concen: 6.597 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

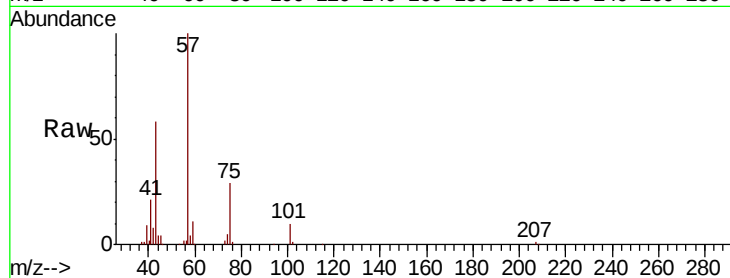
Tot Ion: 75 Resp: 42926

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

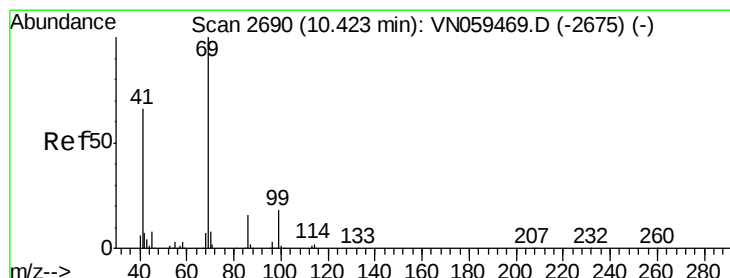
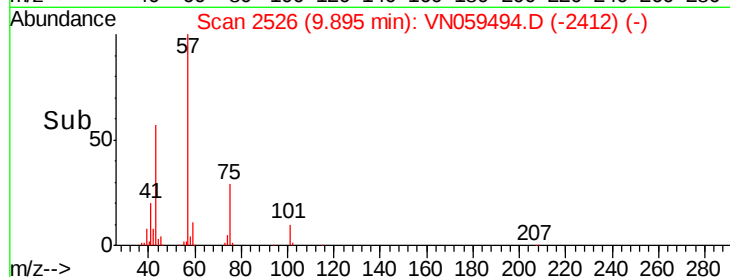
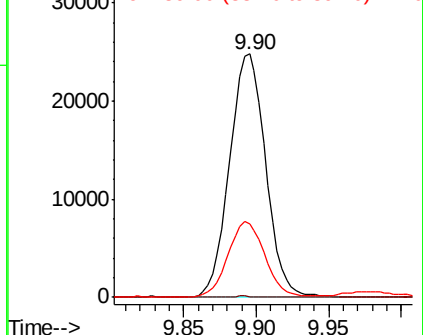
39 30.1 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 1.493 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

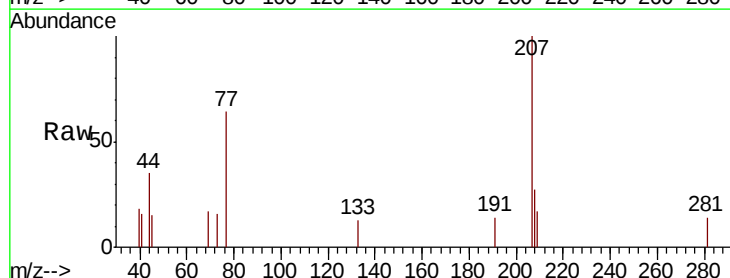
Tgt Ion: 69 Resp: 256

Ion Ratio Lower Upper

69 100

41 0.0 52.7 79.1#

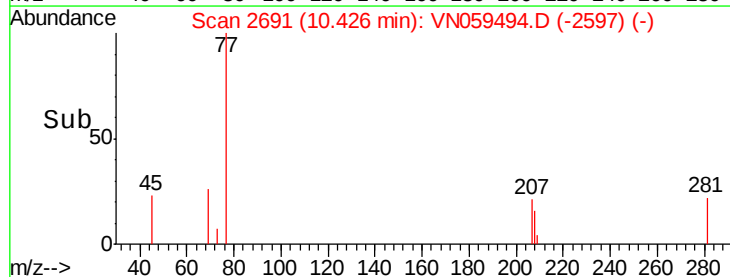
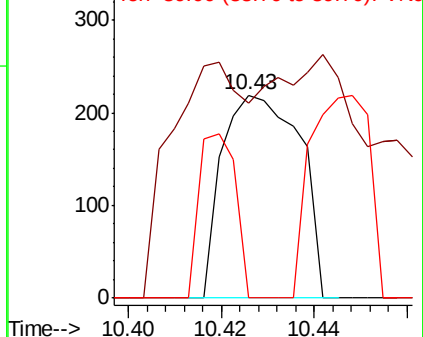
39 0.0 25.0 37.6#

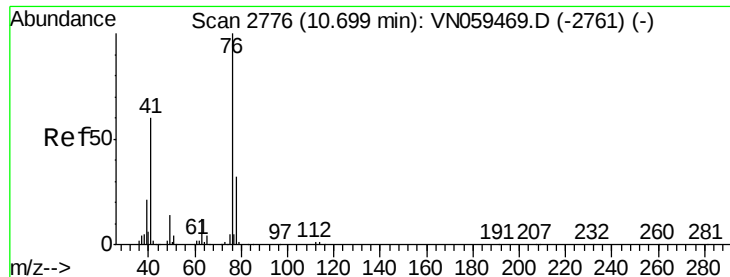


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.113 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

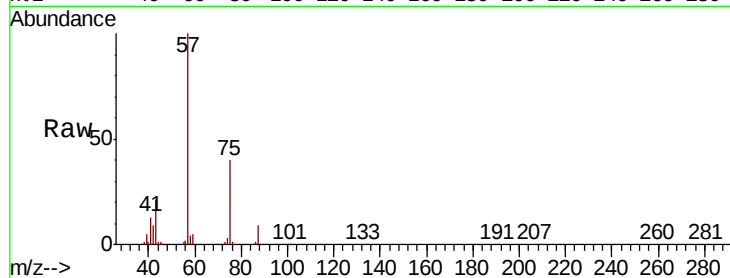
PB125248TB

Tot Ion: 76 Resp: 7180

Ion Ratio Lower Upper

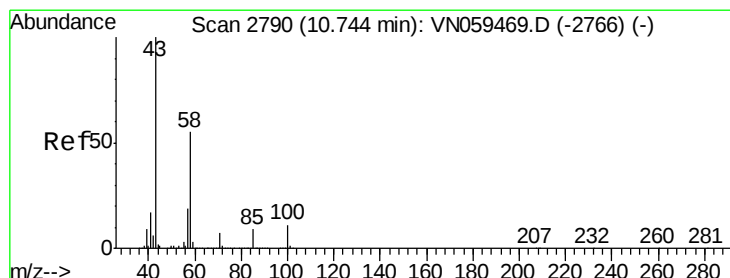
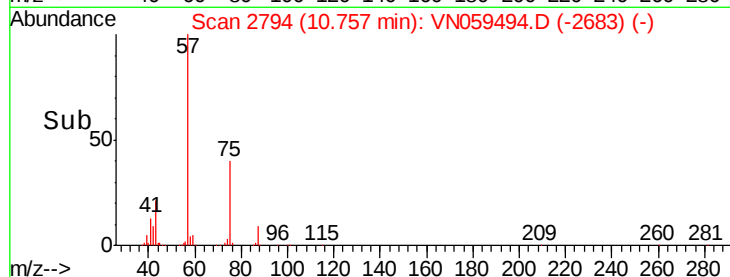
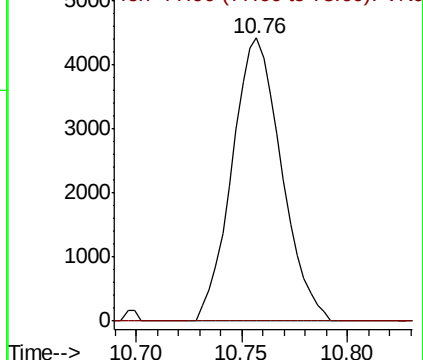
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 27.891 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN059494.D

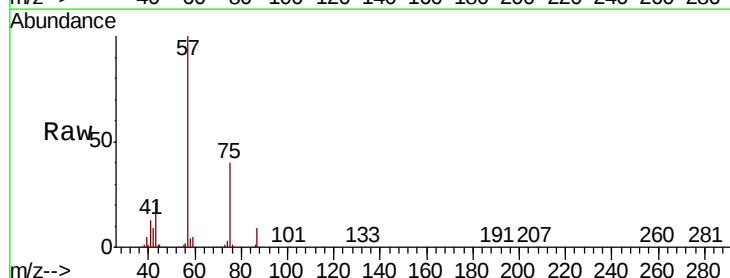
Acq: 5 Dec 2019 12:58

Tgt Ion: 43 Resp: 110578

Ion Ratio Lower Upper

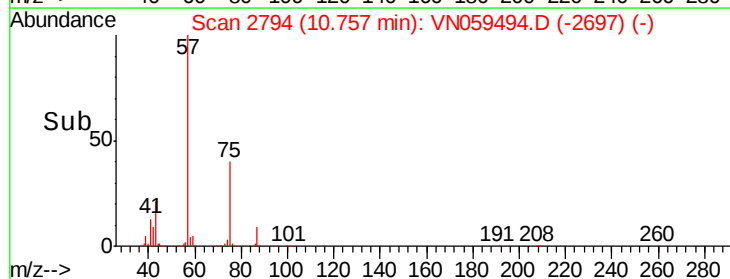
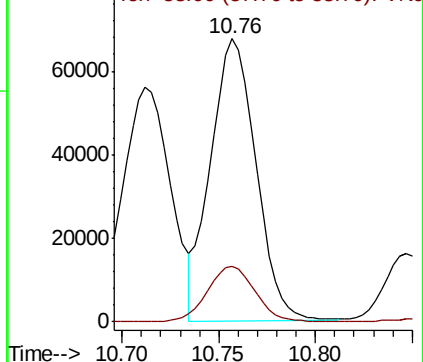
43 100

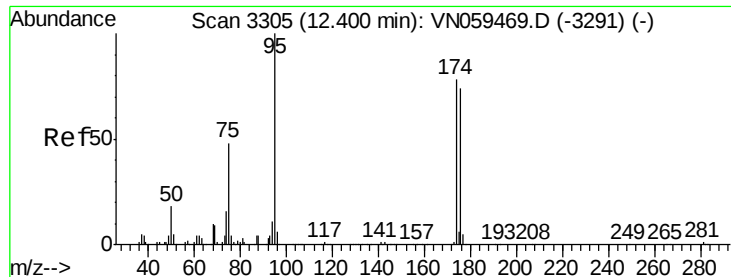
58 20.7 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.145 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

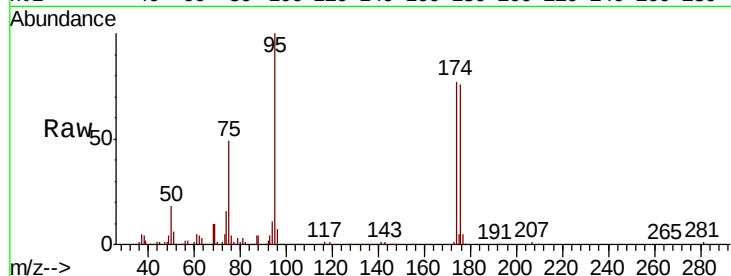
Tot Ion: 95 Resp: 207554

Ion Ratio Lower Upper

95 100

174 77.1 0.0 157.0

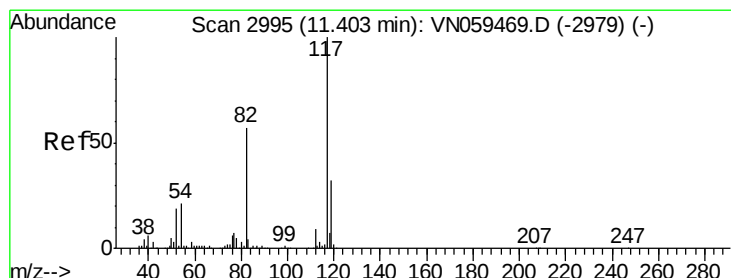
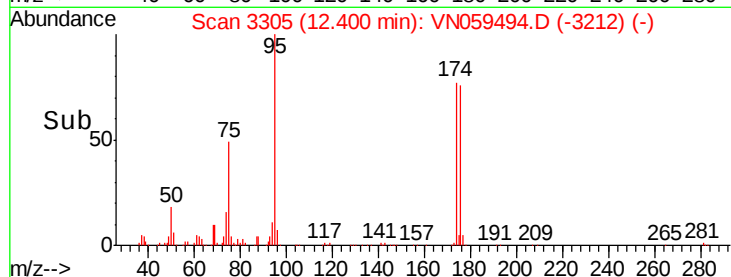
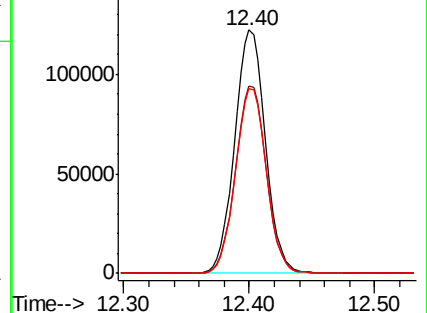
176 76.5 0.0 152.4



Abundance Ion 94.90 (94.60 to 95.60): VN059494.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059494.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059494.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

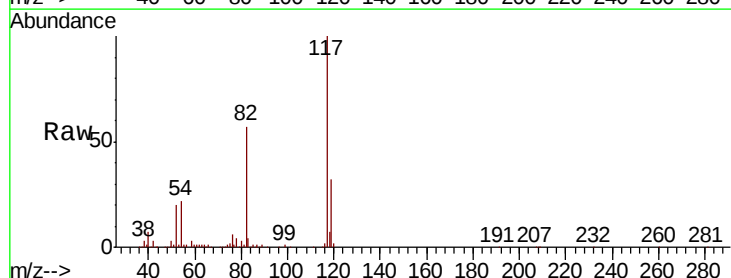
Tgt Ion: 117 Resp: 463418

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.8

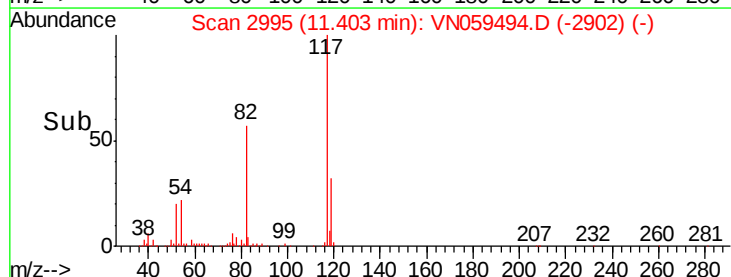
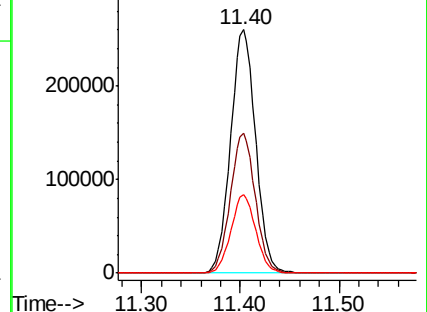
119 32.1 25.4 38.0

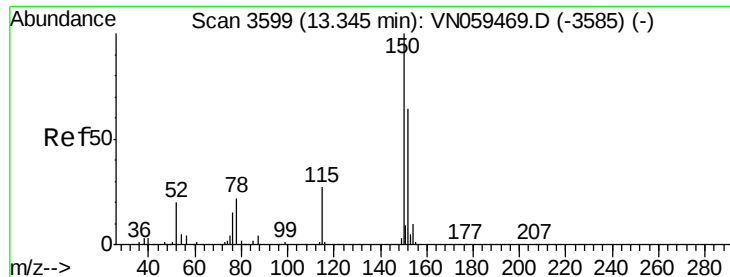


Abundance Ion 116.90 (116.60 to 117.60): VN059494.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059494.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059494.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

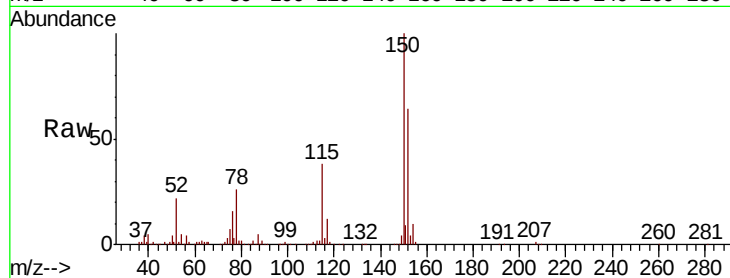
Tot Ion:152 Resp: 176389

Ion Ratio Lower Upper

152 100

115 59.6 29.2 87.6

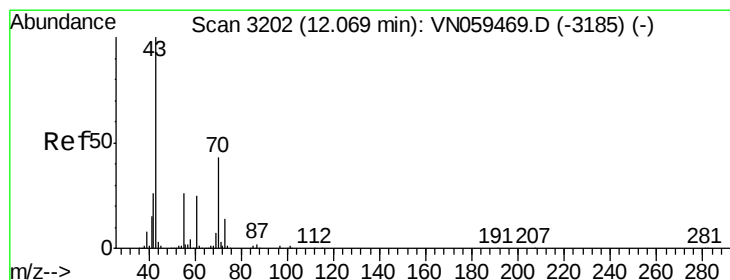
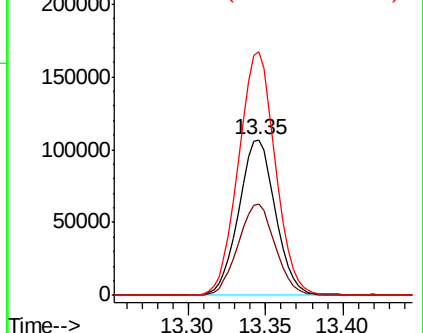
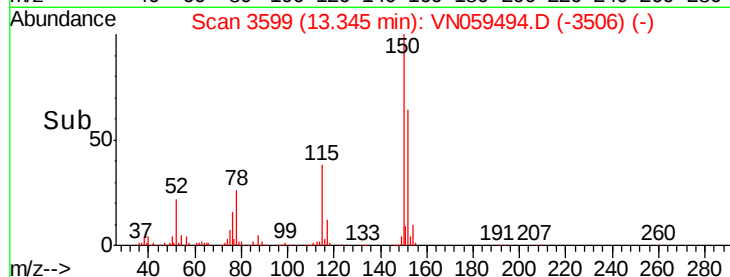
150 157.6 0.0 352.8



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-ethyl acetate

Concen: 0.660 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Tgt Ion: 43 Resp: 3758

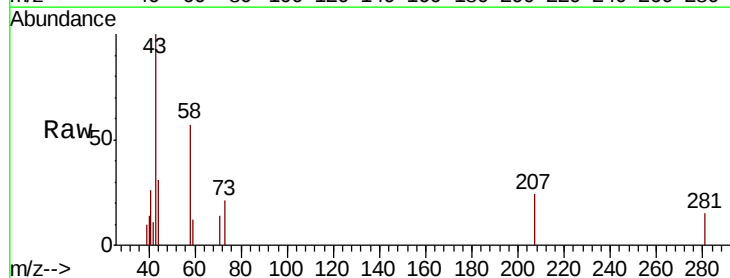
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 2.5 20.6 31.0#

61 0.0 19.3 28.9#

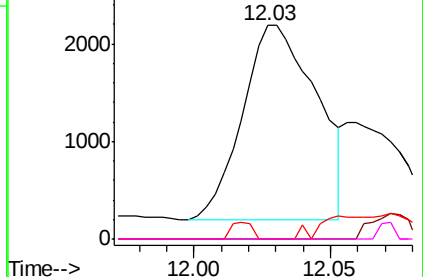
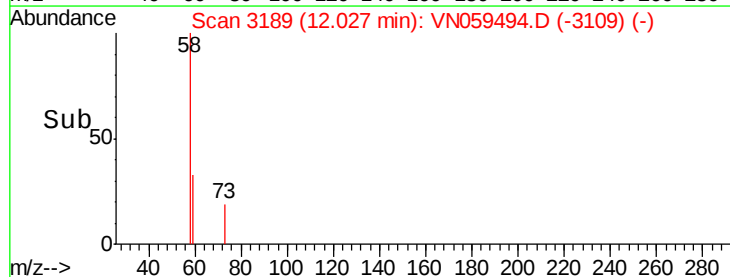


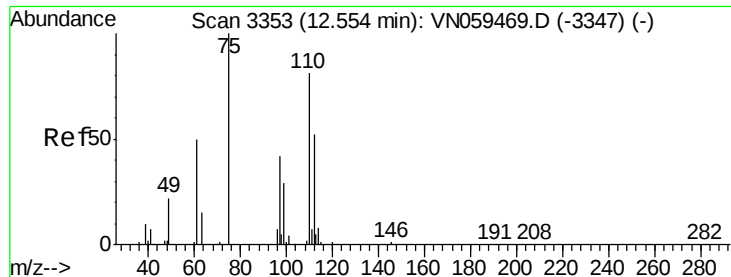
Abundance Ion 43.00 (42.70 to 43.70): V

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: 23.039 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

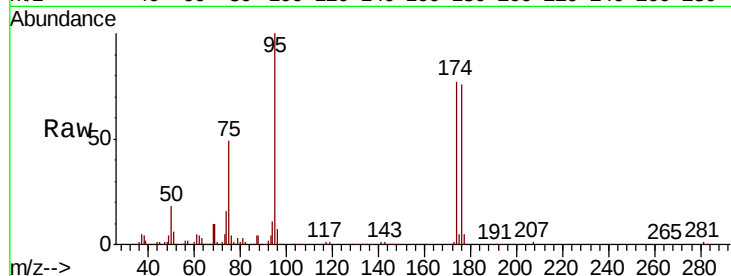
PB125248TB

Tot Ion: 75 Resp: 101042

Ion Ratio Lower Upper

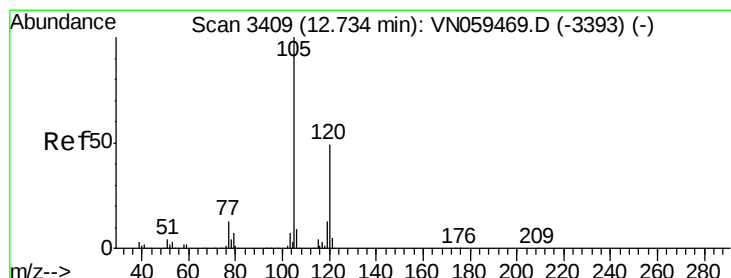
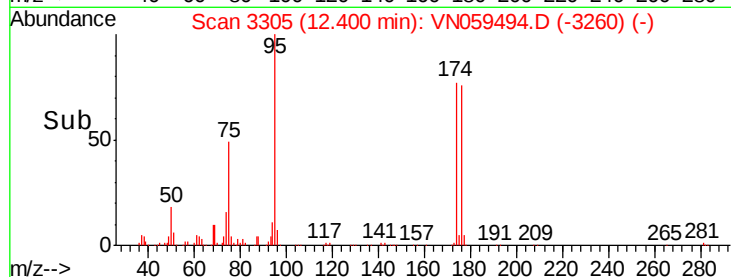
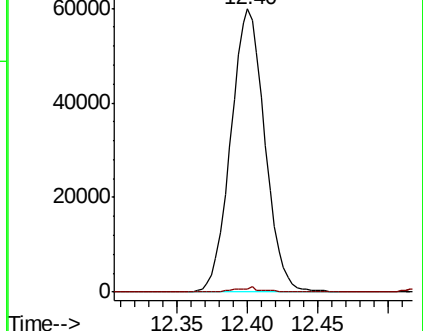
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059494.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059494.D (-3347) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.518 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059494.D

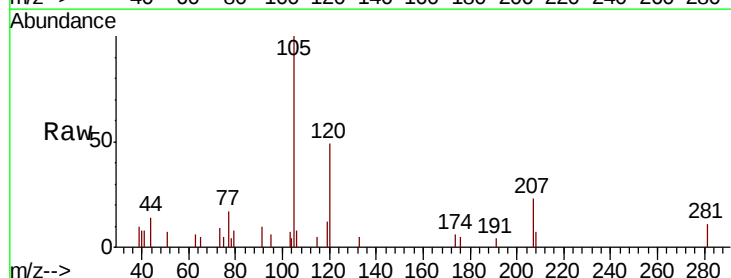
Acq: 5 Dec 2019 12:58

Tgt Ion: 105 Resp: 6128

Ion Ratio Lower Upper

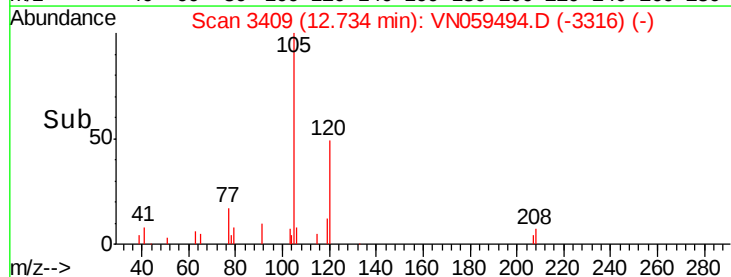
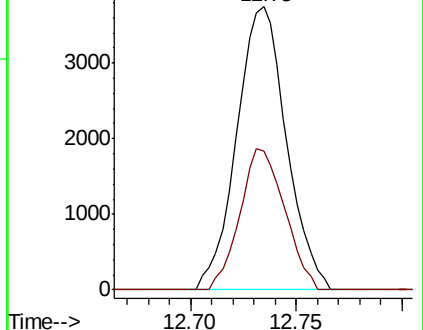
105 100

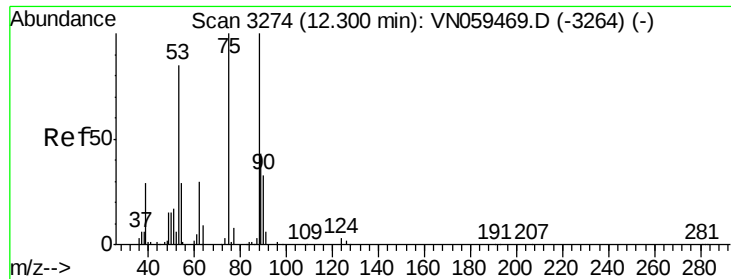
120 44.9 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN059494.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN059494.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 60.462 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

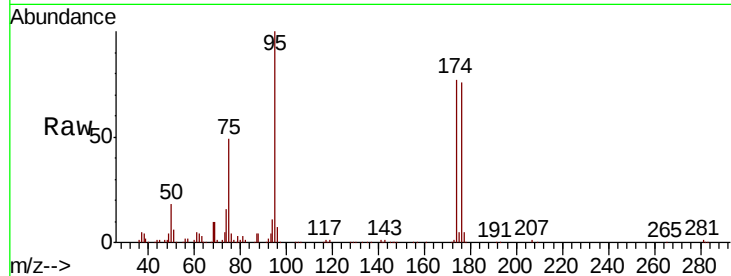
Tot Ion: 75 Resp: 101042

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

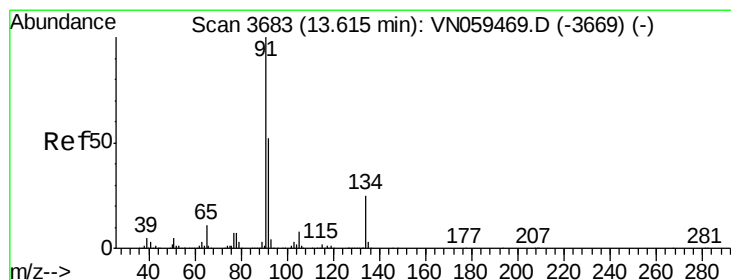
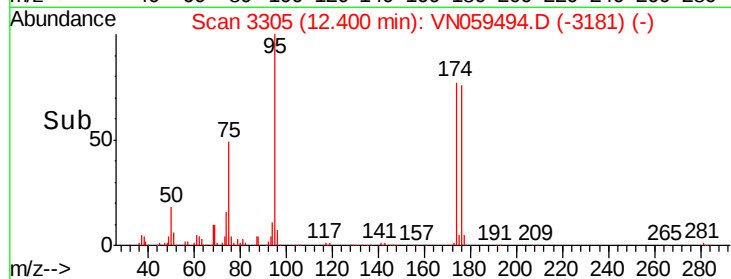
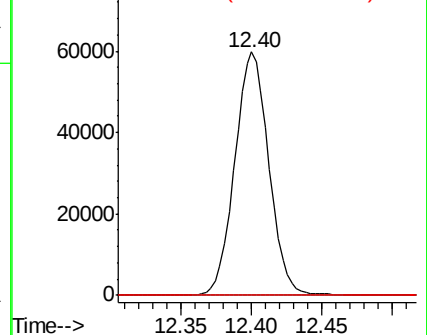
89 0.0 35.2 52.8#



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



#89

n-Butylbenzene

Concen: 0.240 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

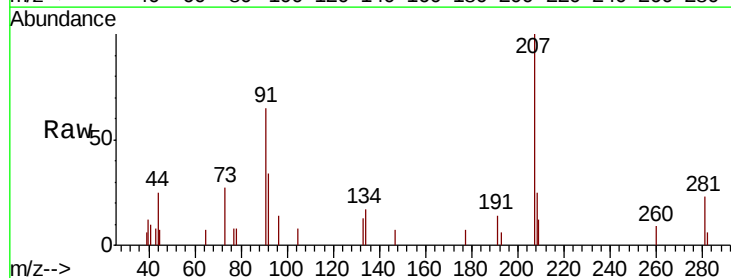
Tgt Ion: 91 Resp: 2618

Ion Ratio Lower Upper

91 100

92 53.3 25.9 77.8

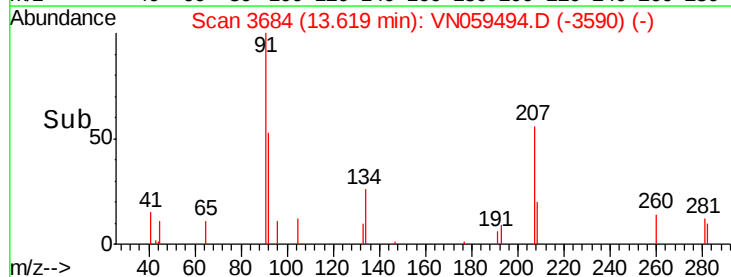
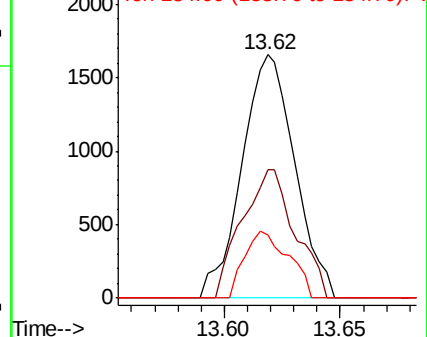
134 22.7 12.6 37.6

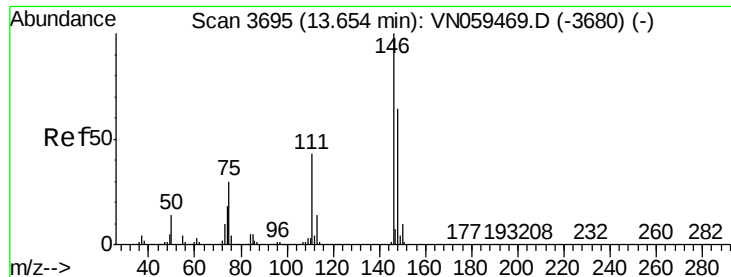


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.226 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

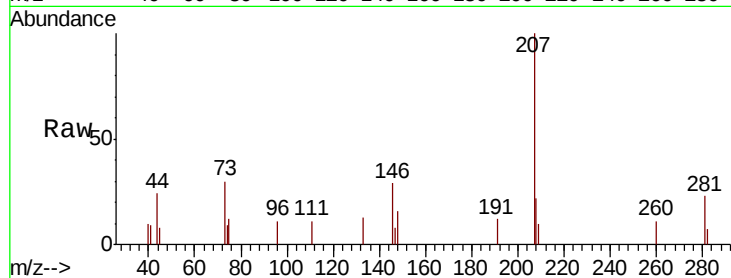
Tot Ion:146 Resp: 1348

Ion Ratio Lower Upper

146 100

111 39.9 21.3 63.7

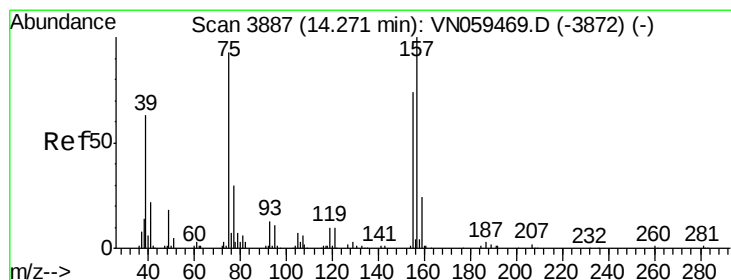
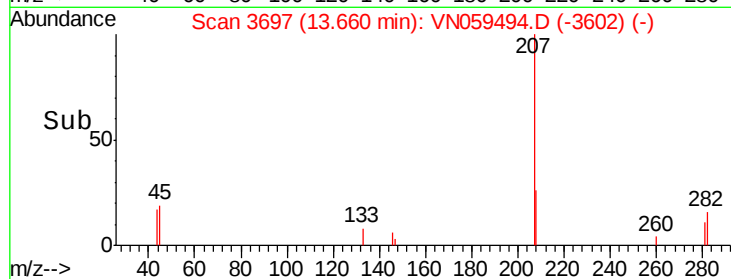
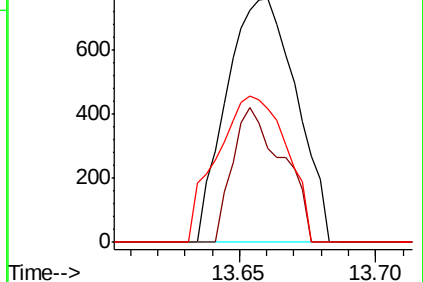
148 60.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.748 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

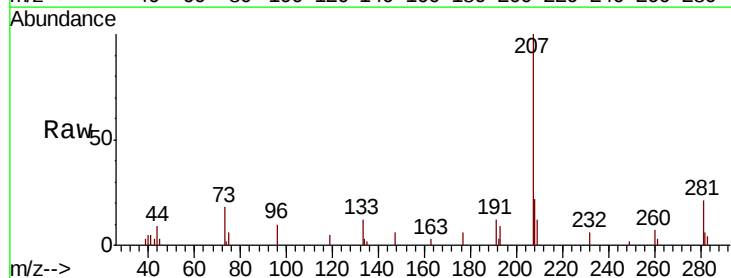
Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

155 8.2 40.6 122.0#

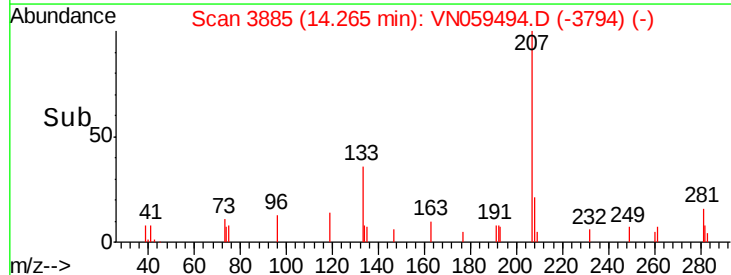
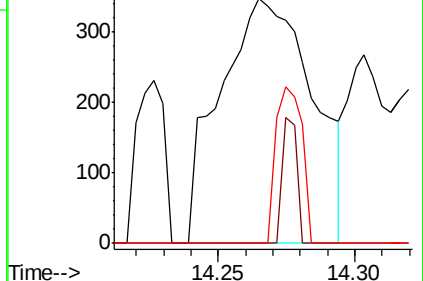
157 18.3 52.9 158.7#

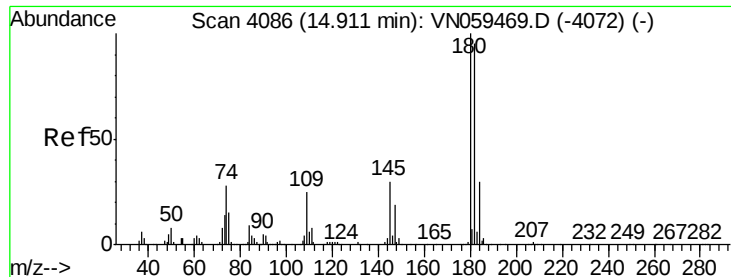


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

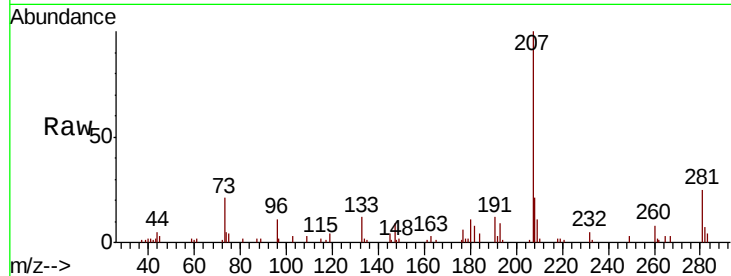




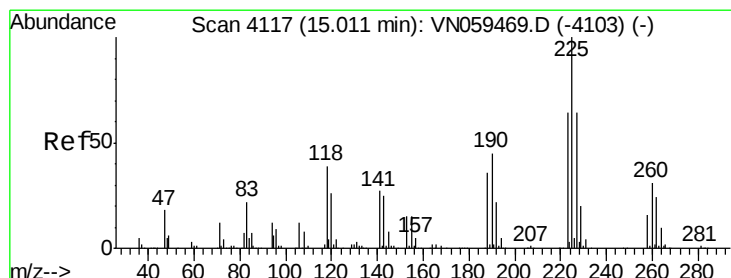
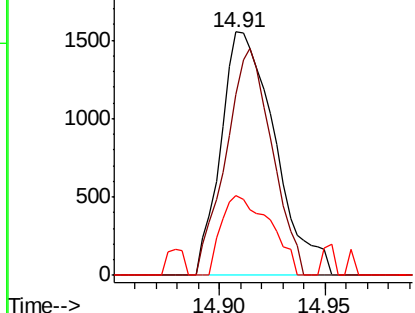
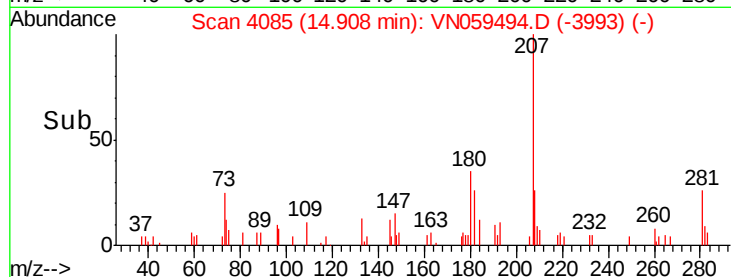
#93
 1,2,4-Trichlorobenzene
 Concen: 0.762 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059494.D
 Acq: 5 Dec 2019 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125248TB

Tot Ion:180 Resp: 2778
 Ion Ratio Lower Upper
 180 100
 182 79.1 48.0 144.2
 145 29.5 15.2 45.6

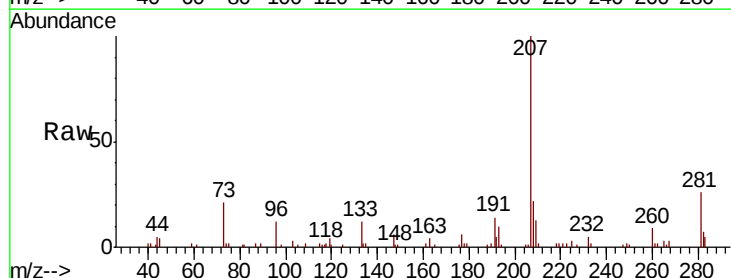


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

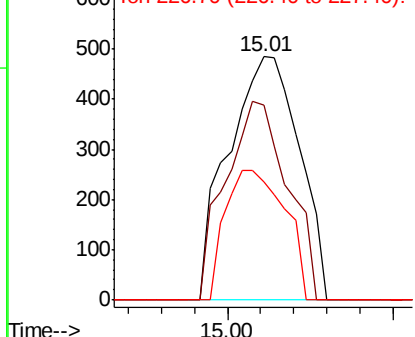
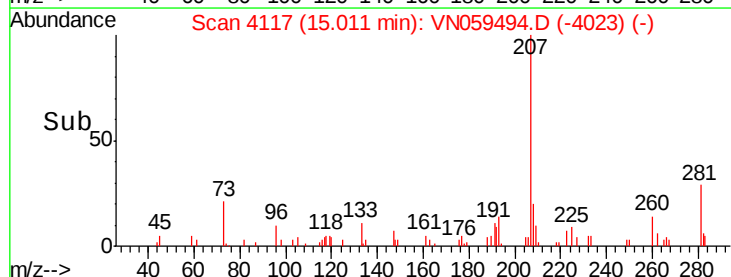


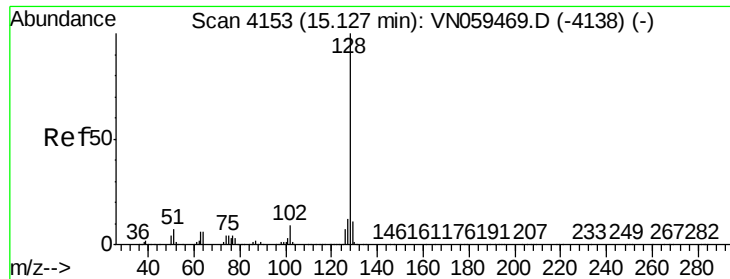
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059494.D
 Acq: 5 Dec 2019 12:58

Tgt Ion:225 Resp: 723
 Ion Ratio Lower Upper
 225 100
 223 71.5 31.9 95.5
 227 44.4 32.0 96.2



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: 3.558 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

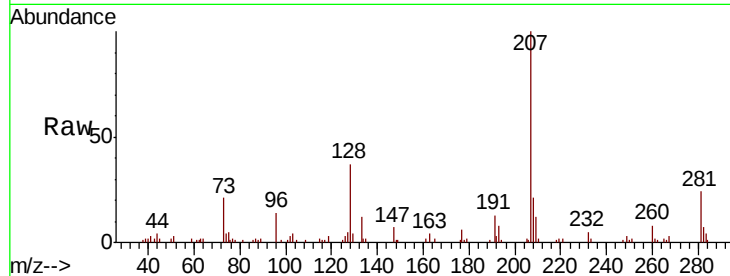
Tot Ion:128 Resp: 11943

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

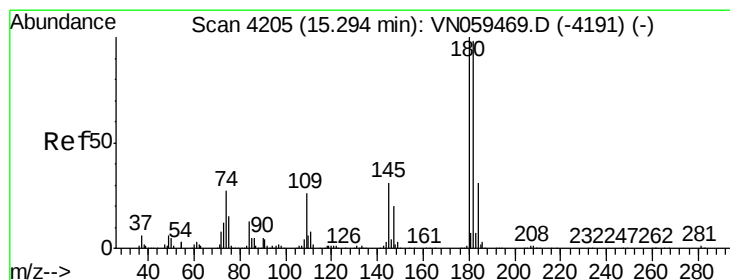
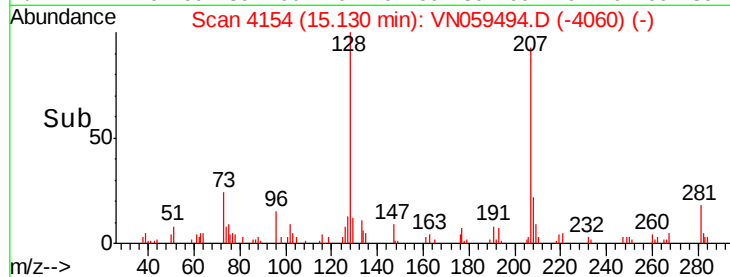
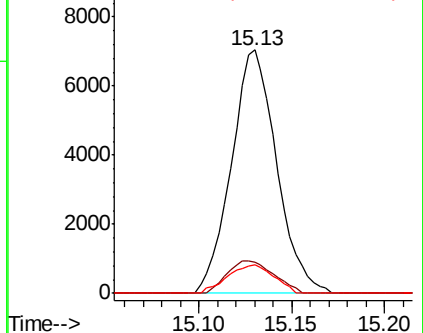
129 12.0 8.8 13.2



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: 2.853 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

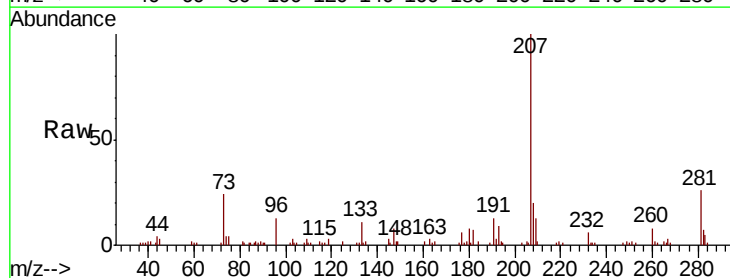
Tgt Ion:180 Resp: 3383

Ion Ratio Lower Upper

180 100

182 85.7 48.5 145.5

145 42.0 16.1 48.2



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

