

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056864.D
 Acq On : 22 Jul 2019 19:23
 Operator : JC/SP
 Sample : PB121556ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#04

Quant Time: Jul 23 02:12:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	259807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	481665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	154411	55.72	ug/l	0.00
Spiked Amount			Recovery	=	111.44%	
35) Dibromofluoromethane	7.59	113	143374	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	615022	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.40	95	211107	55.23	ug/l	0.00
Spiked Amount			Recovery	=	110.46%	

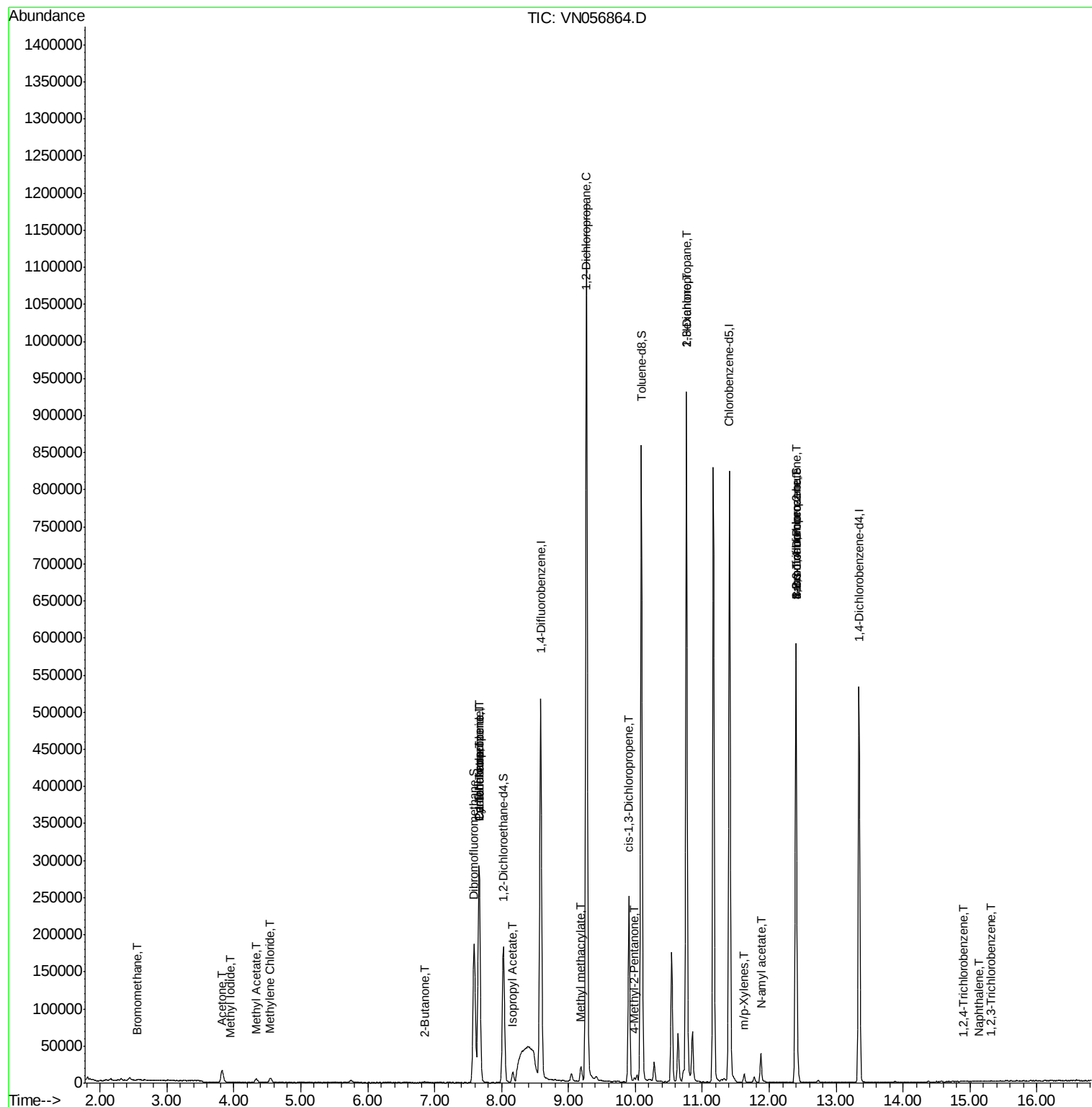
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	419	0.207	ug/l	84
10) Methyl Iodide	3.94	142	309	0.213	ug/l #	44
16) Acetone	3.82	43	28461	28.520	ug/l	99
18) Methyl Acetate	4.34	43	9360	1.062	ug/l	98
20) Methylene Chloride	4.55	84	4792	1.606	ug/l	95
25) 2-Butanone	6.85	43	1029	0.702	ug/l	94
31) Cyclohexane	7.66	56	4384	0.931	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	16625	3.743	ug/l #	49
38) Carbon Tetrachloride	7.67	117	22275	5.268	ug/l #	17
43) Isopropyl Acetate	8.17	43	16644	2.703	ug/l	99
45) 1,2-Dichloropropane	9.27	63	1508	0.406	ug/l #	43
48) Methyl methacrylate	9.18	41	6138	1.993	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	3378	0.920	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	47424	9.084	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	9345	1.713	ug/l #	42
59) 2-Hexanone	10.76	43	129925	51.115	ug/l #	51
68) m/p-Xylenes	11.63	106	3276	0.470	ug/l	100
71) Bromoform	12.40	173	1693	0.600	ug/l #	1
73) Isopropylbenzene	12.39	105	136	Below Cal	#	48
74) N-amyl acetate	11.88	43	12711	2.702	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	98530	29.677	ug/l #	100
79) 2-Chlorotoluene	12.59	91	63	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1309	Below Cal		85
81) trans-1,4-Dichloro-2-buten	12.40	75	98530	95.051	ug/l #	13
83) tert-Butylbenzene	12.73	119	59	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	14.90	180	59	4.148	ug/l #	1
95) Naphthalene	15.13	128	535	3.689	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	131	2.511	ug/l #	12

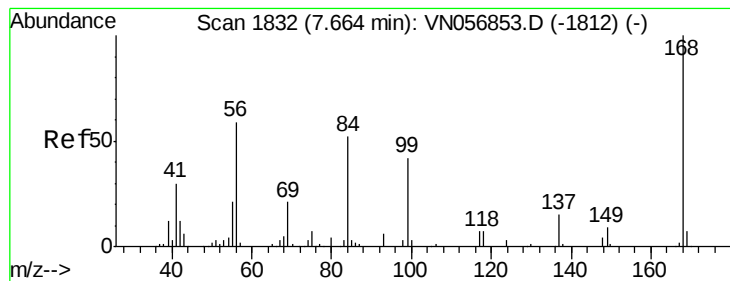
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072219\
Data File : VN056864.D
Acq On : 22 Jul 2019 19:23
Operator : JC/SP
Sample : PB121556ZHE#04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#04

Quant Time: Jul 23 02:12:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

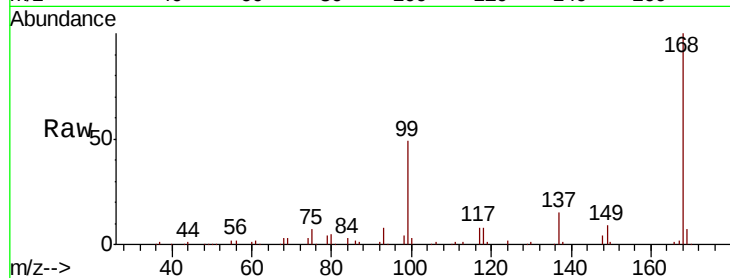
PB121556ZHE#04

Tot Ion:168 Resp: 259807

Ion Ratio Lower Upper

168 100

99 49.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

120000

100000

80000

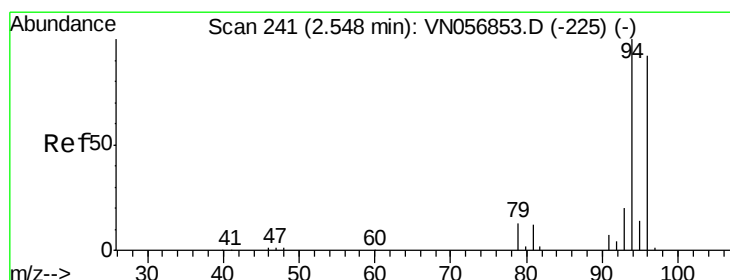
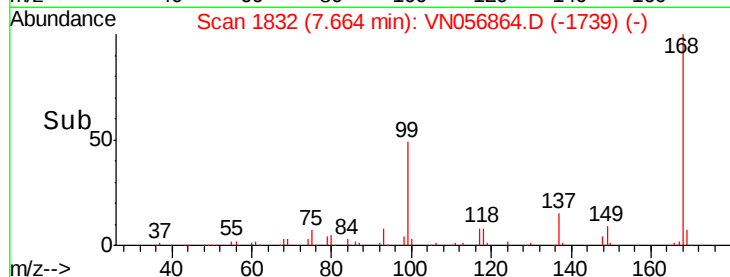
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.207 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.02 min

Lab File: VN056864.D

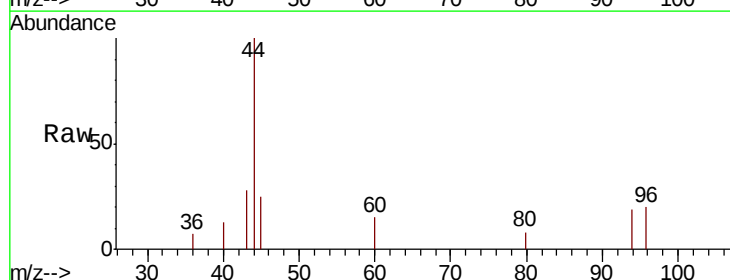
Acq: 22 Jul 2019 19:23

Tgt Ion: 94 Resp: 419

Ion Ratio Lower Upper

94 100

96 107.0 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

500

400

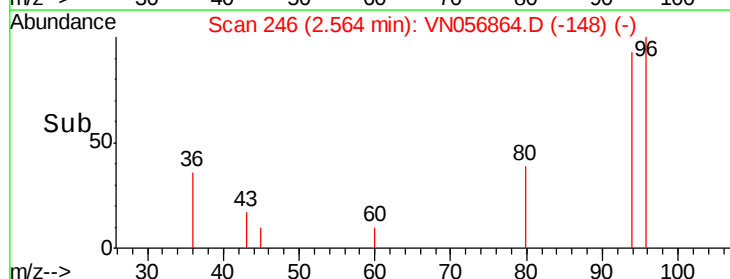
300

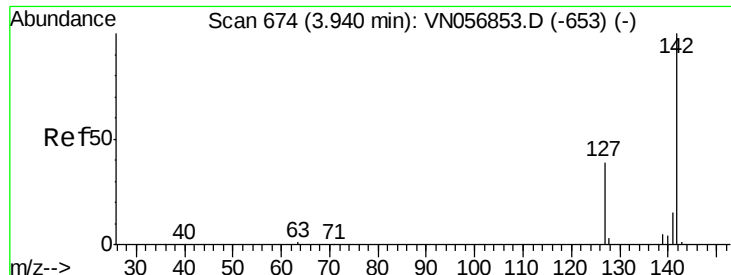
200

100

0

Time-->

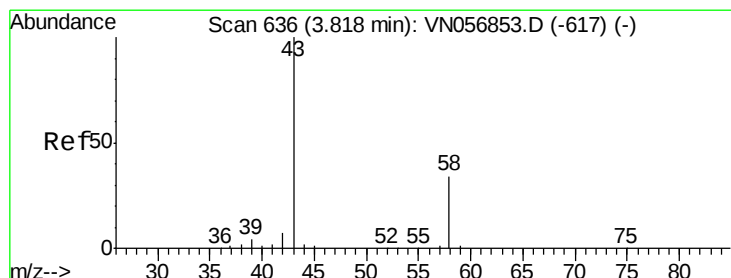
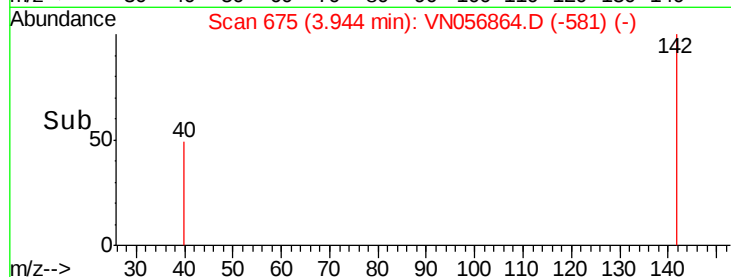
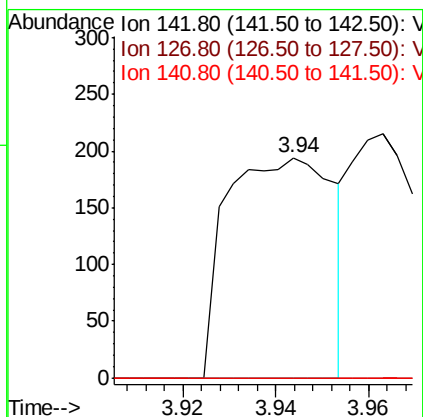
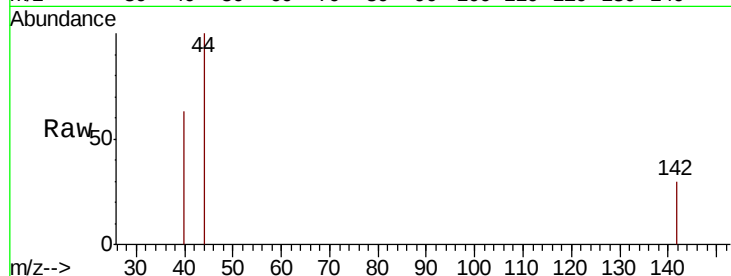




#10
Methvl Iodide
Concen: 0.213 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

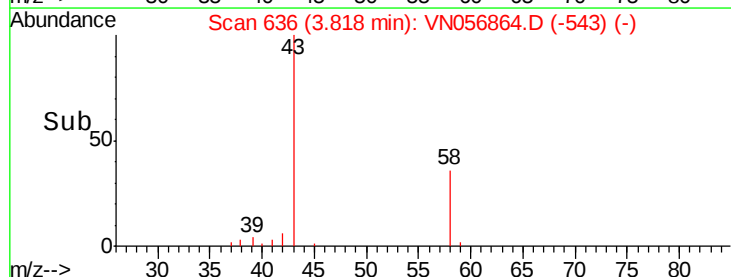
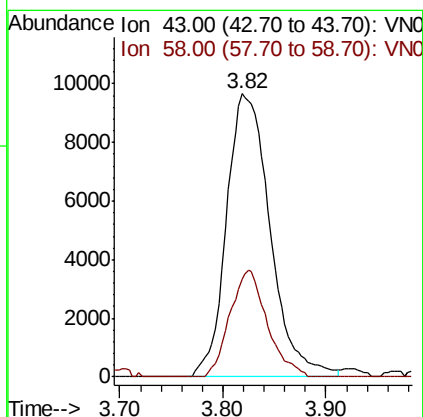
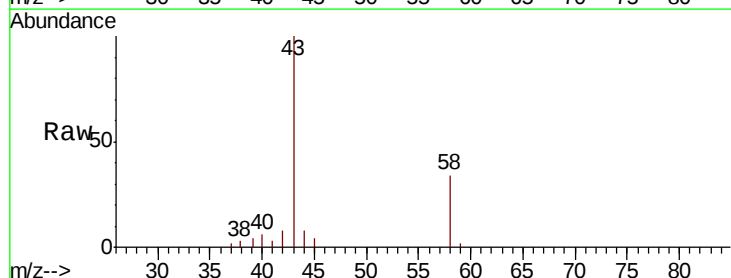
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#04

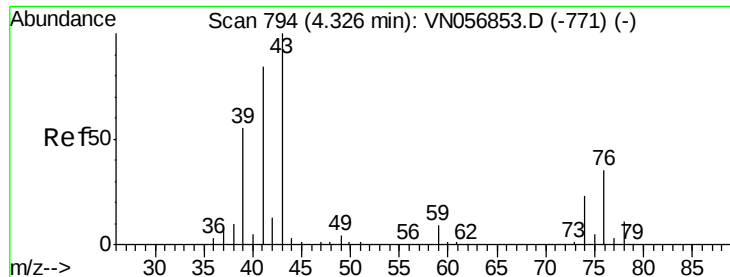
Tot Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 0.0 31.2 46.8#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 28.520 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

Tgt Ion: 43 Resp: 28461
Ion Ratio Lower Upper
43 100
58 34.5 27.3 40.9

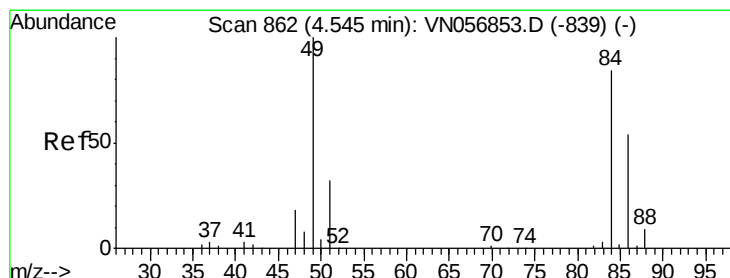
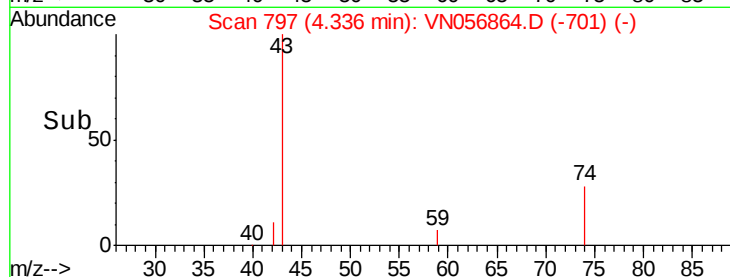
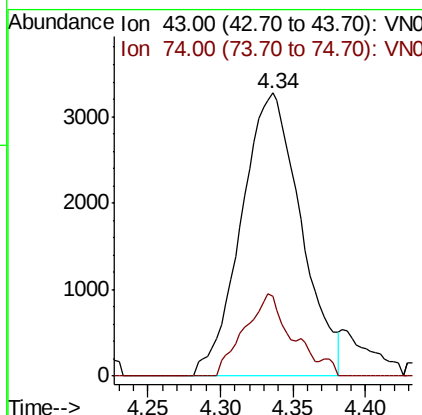
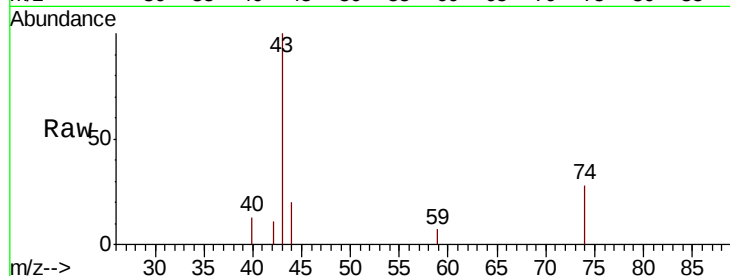




#18
Methyl Acetate
Concen: 1.062 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

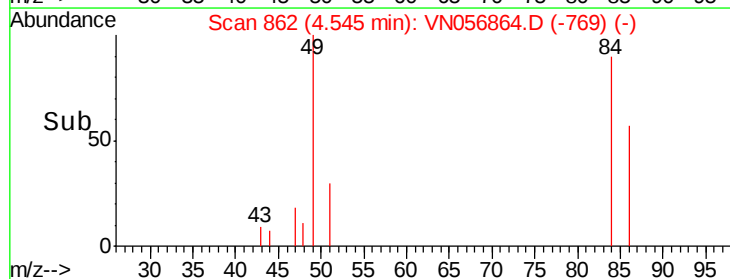
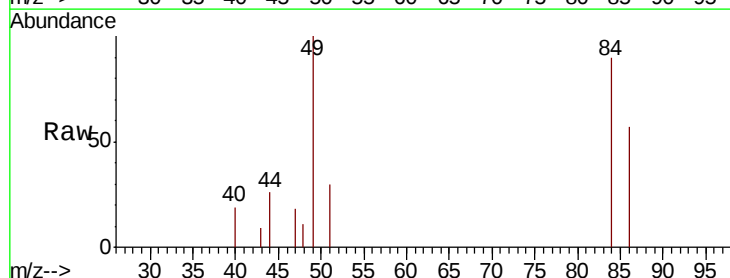
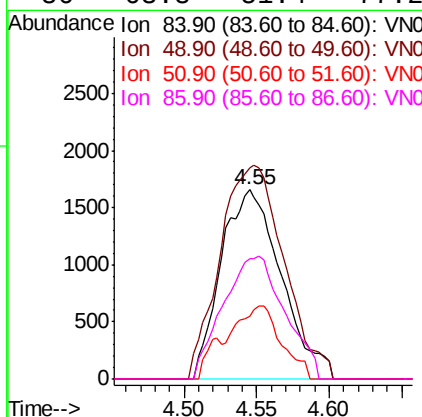
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#04

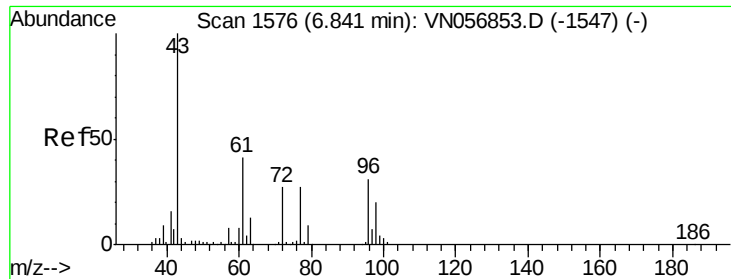
Tot Ion: 43 Resp: 9360
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.4



#20
Methylene Chloride
Concen: 1.606 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

Tgt Ion: 84 Resp: 4792
Ion Ratio Lower Upper
84 100
49 111.5 94.9 142.3
51 33.1 29.9 44.9
86 63.8 51.4 77.2

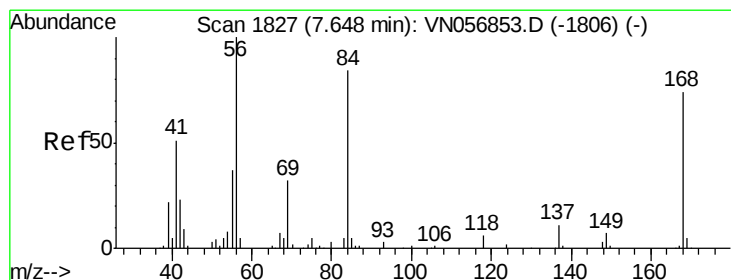
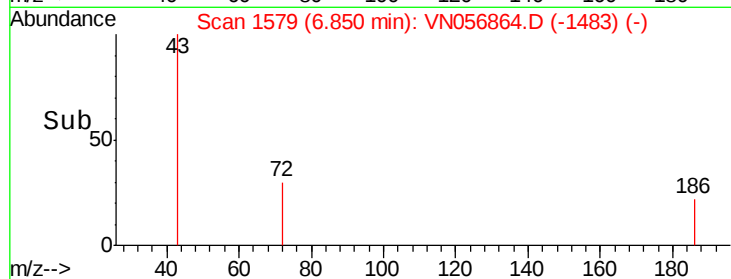
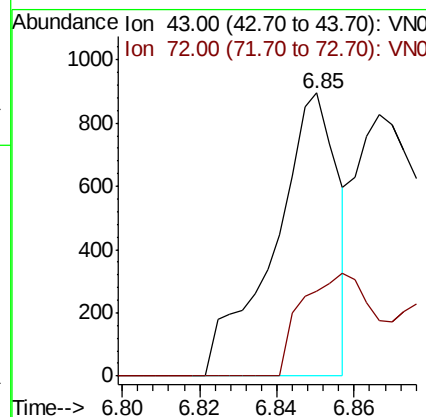
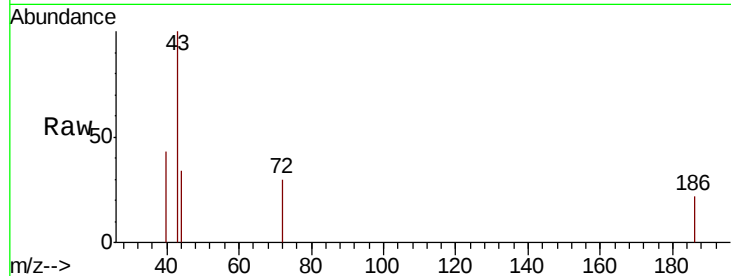




#25
2-Butanone
Concen: 0.702 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

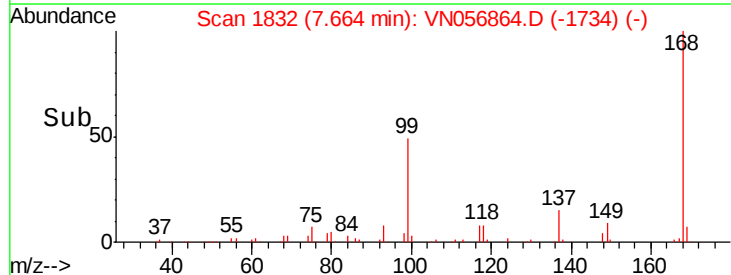
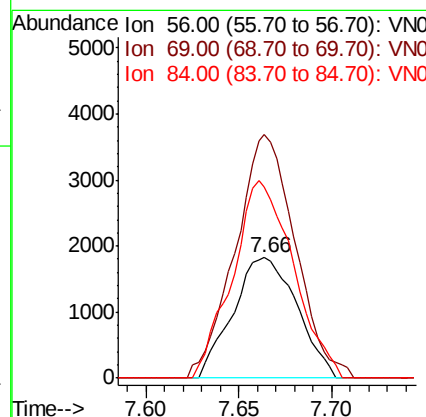
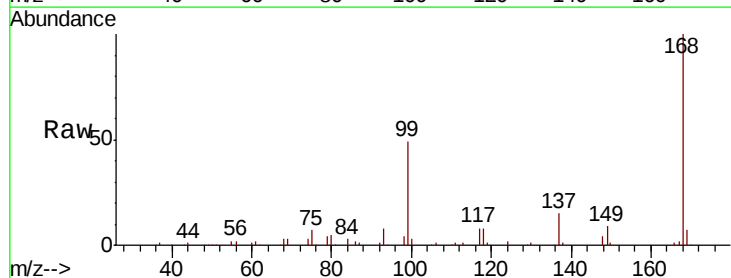
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#04

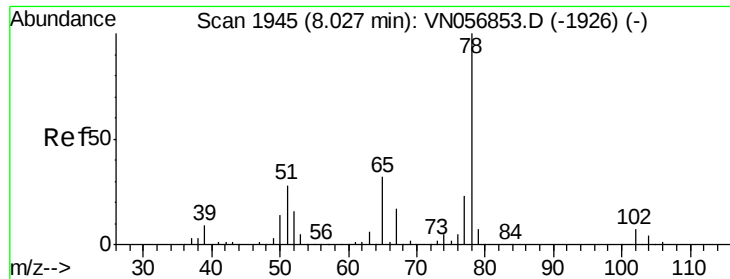
Tot Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
72 30.2 21.5 32.3



#31
Cyclohexane
Concen: 0.931 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

Tgt Ion: 56 Resp: 4384
Ion Ratio Lower Upper
56 100
69 191.3 25.5 38.3#
84 159.1 67.3 100.9#





#33

1,2-Dichloroethane-d4

Concen: 55.719 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

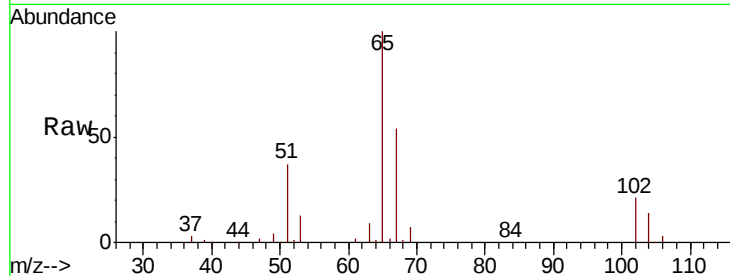
PB121556ZHE#04

Tot Ion: 65 Resp: 154411

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN056853.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN056853.D (-1926) (-)

8.03

60000

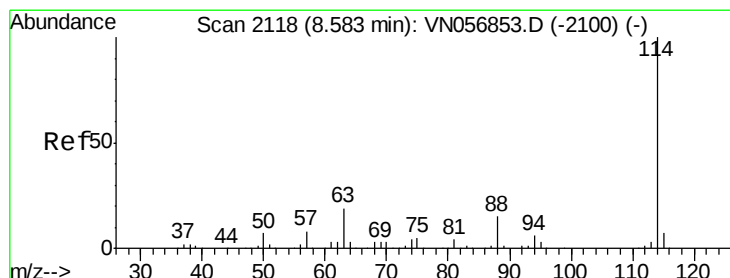
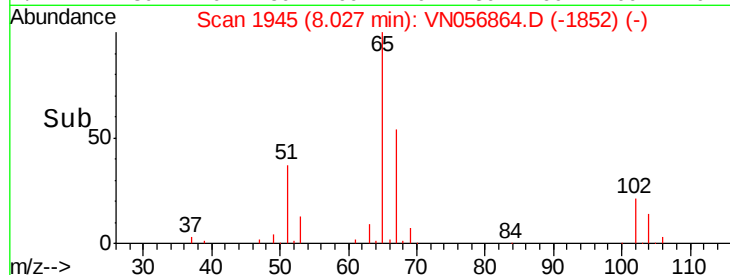
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

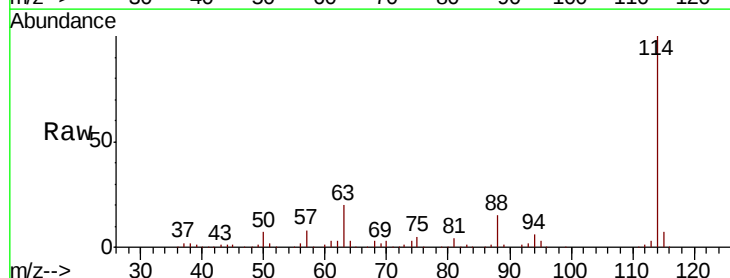
Tgt Ion: 114 Resp: 481665

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.8

88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN056853.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN056853.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN056853.D (-2100) (-)

8.58

300000

250000

200000

150000

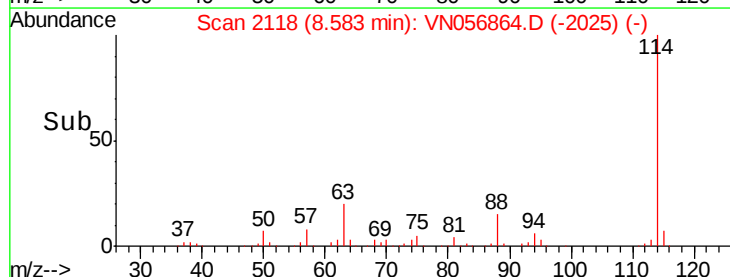
100000

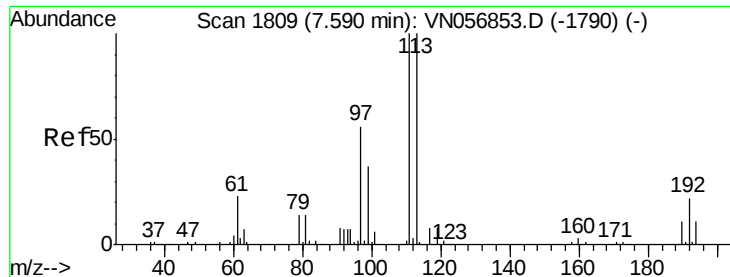
50000

0

8.50 8.60 8.70

Time-->

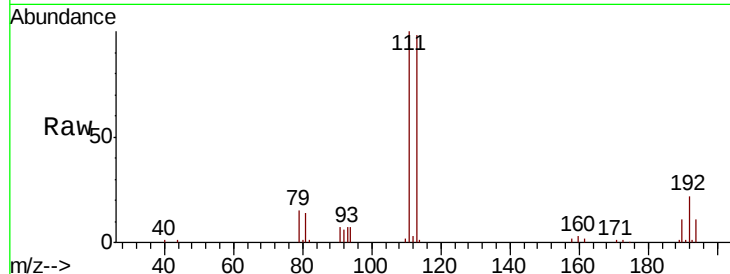




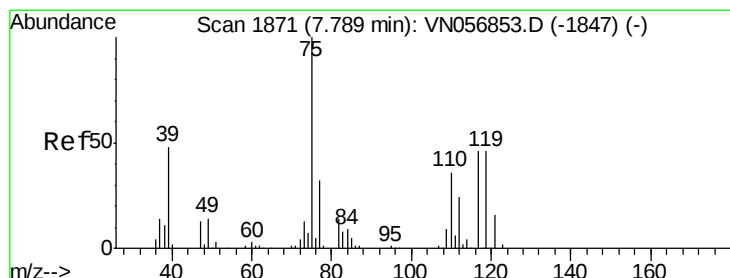
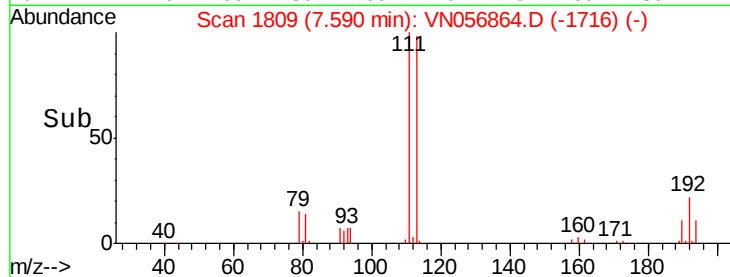
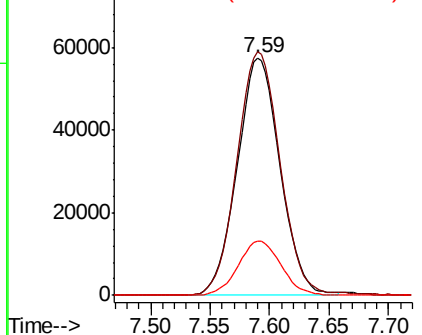
#35
 Dibromofluoromethane
 Concen: 46.962 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056864.D
 Acq: 22 Jul 2019 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#04

Tot Ion:113 Resp: 143374
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.9 122.9
 192 22.8 18.5 27.7

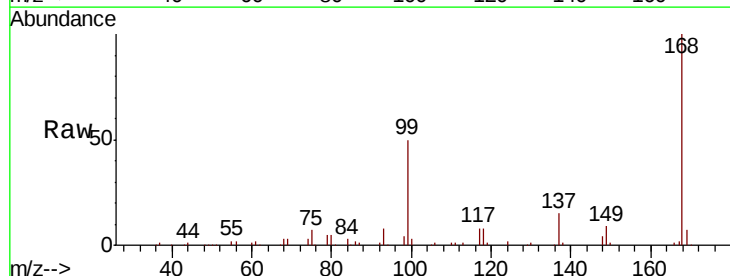


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

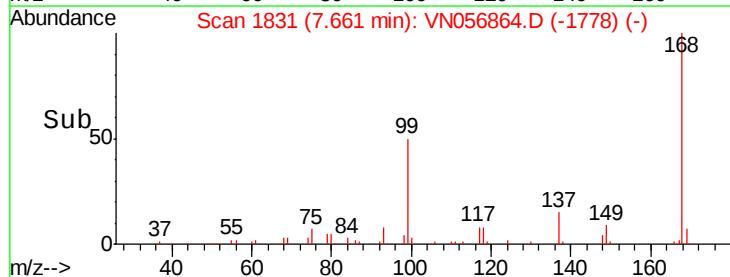
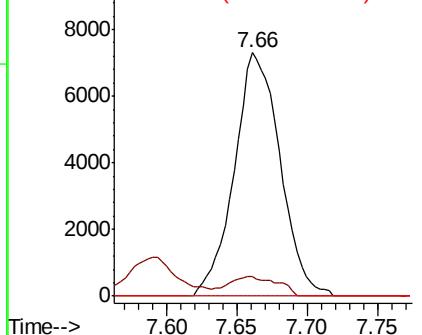


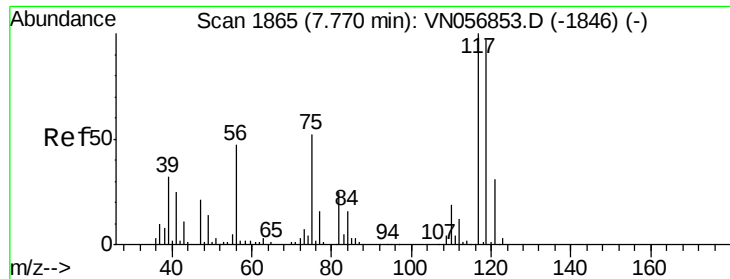
#36
 1,1-Dichloropropene
 Concen: 3.743 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056864.D
 Acq: 22 Jul 2019 19:23

Tgt Ion: 75 Resp: 16625
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.9 53.7#
 77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.268 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#04

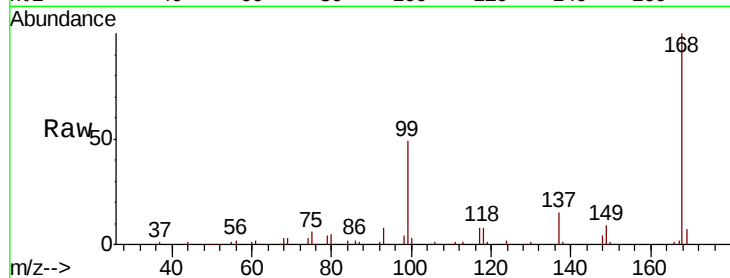
Tot Ion:117 Resp: 22275

Ion Ratio Lower Upper

117 100

119 6.5 77.2 115.8#

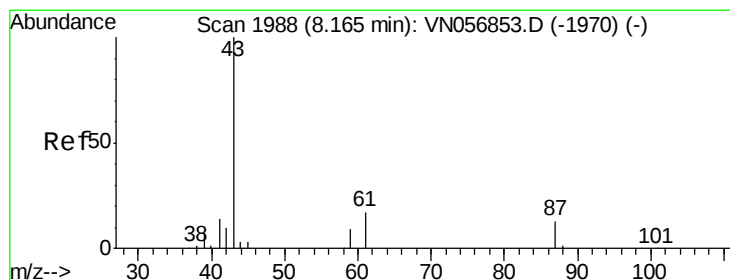
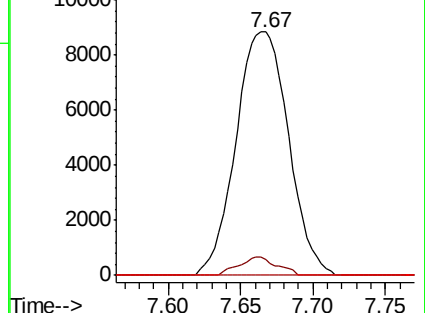
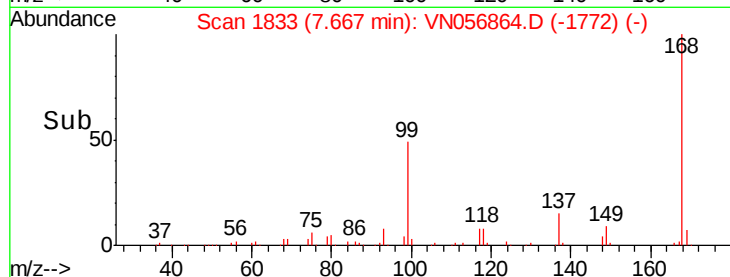
121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.703 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

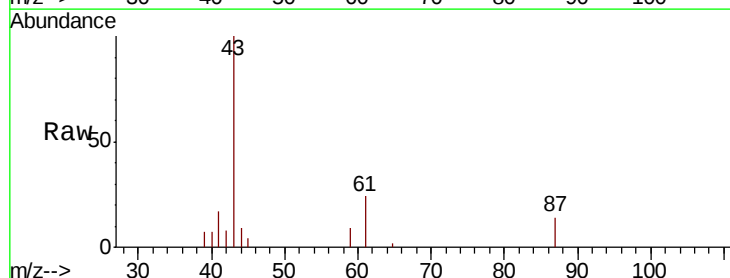
Tgt Ion: 43 Resp: 16644

Ion Ratio Lower Upper

43 100

61 22.5 17.8 26.6

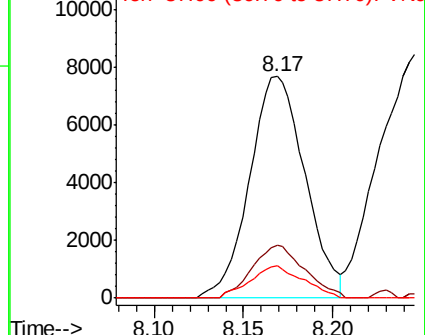
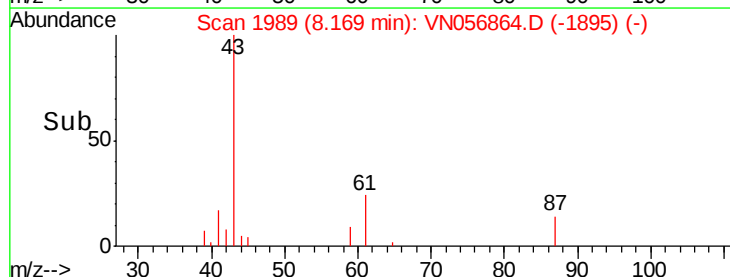
87 13.9 11.0 16.4

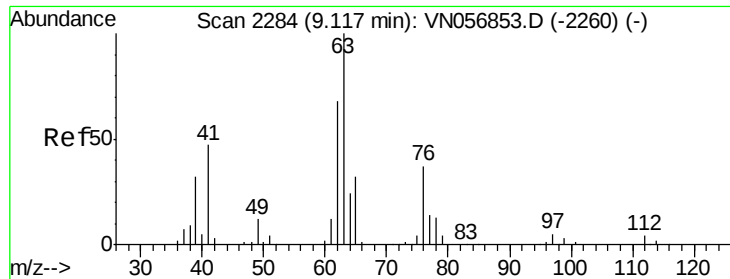


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.406 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

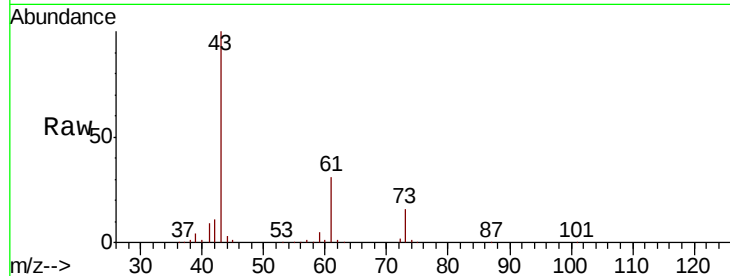
PB121556ZHE#04

Tot Ion: 63 Resp: 1508

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

1000

800

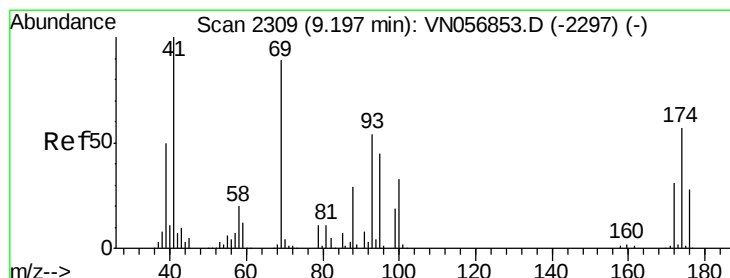
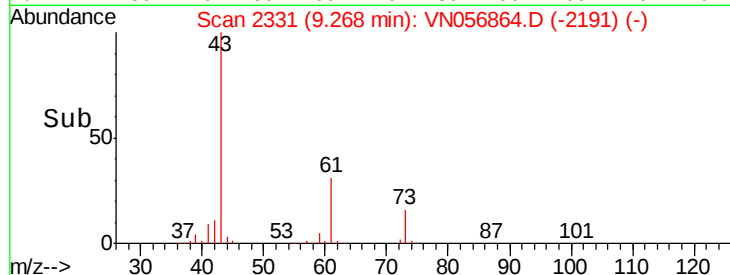
600

400

200

0

Time--> 9.22 9.24 9.26 9.28 9.30



#48

Methyl methacrylate

Concen: 1.993 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

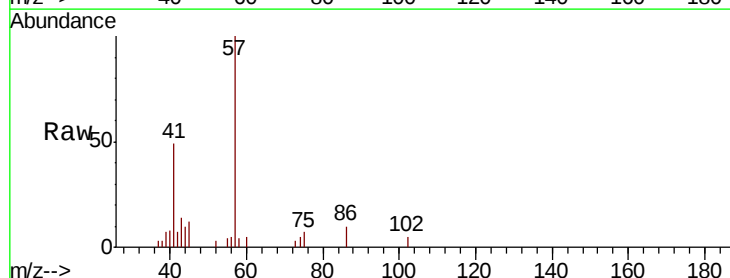
Tgt Ion: 41 Resp: 6138

Ion Ratio Lower Upper

41 100

69 0.0 71.1 106.7#

39 0.0 40.6 60.8#



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

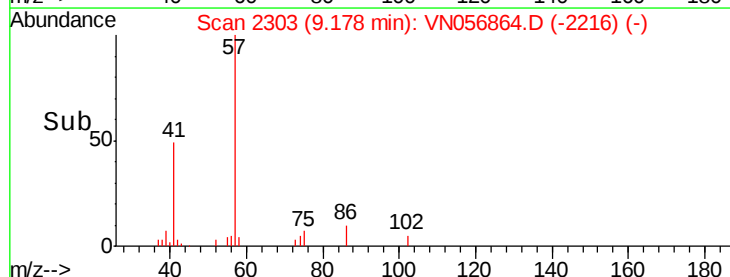
60000

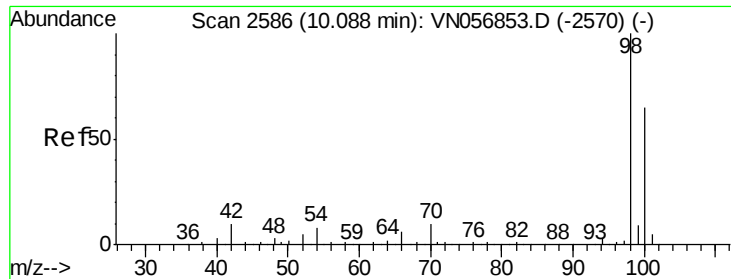
40000

20000

0

Time--> 9.15 9.20 9.25





#50

Toluene-d8

Concen: 52.656 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

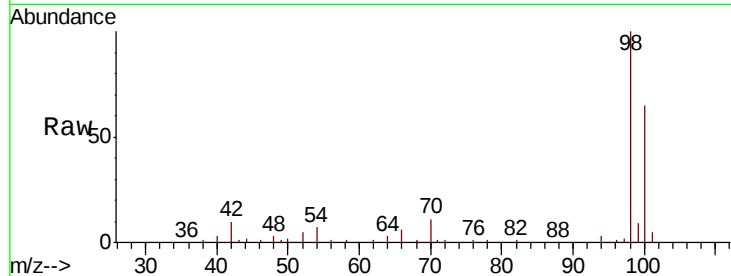
PB121556ZHE#04

Tot Ion: 98 Resp: 615022

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

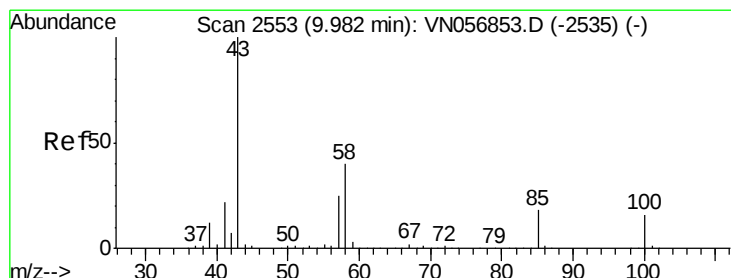
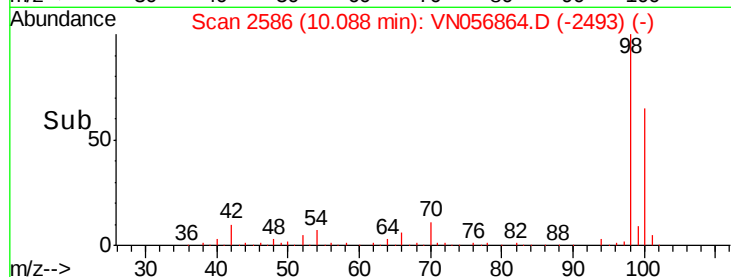
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.920 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056864.D

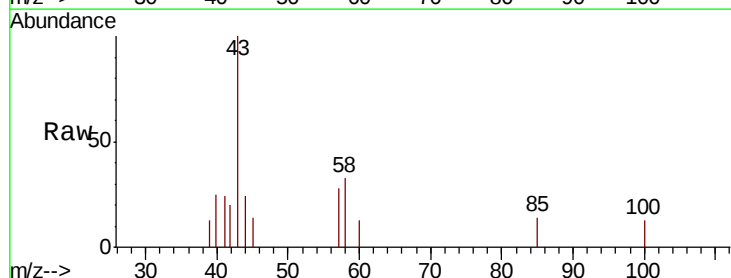
Acq: 22 Jul 2019 19:23

Tgt Ion: 43 Resp: 3378

Ion Ratio Lower Upper

43 100

58 35.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

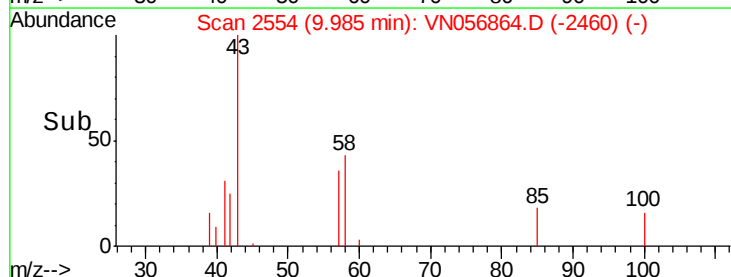
3000

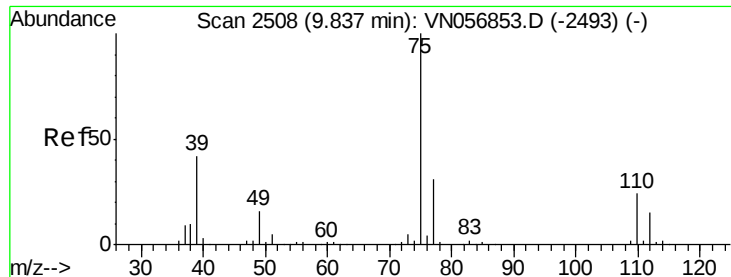
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 9.084 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#04

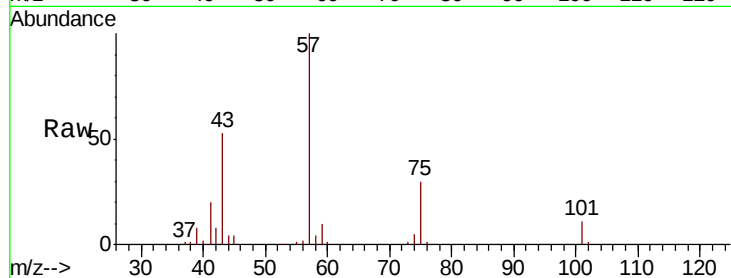
Tot Ion: 75 Resp: 47424

Ion Ratio Lower Upper

75 100

77 0.7 25.1 37.7#

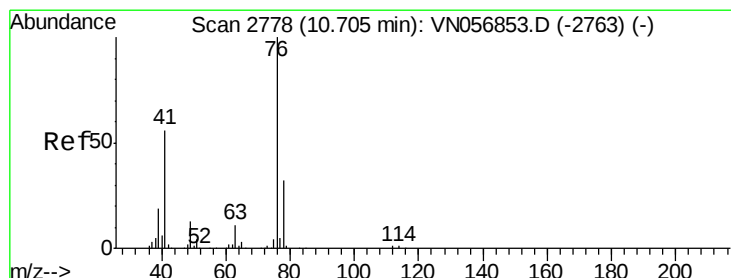
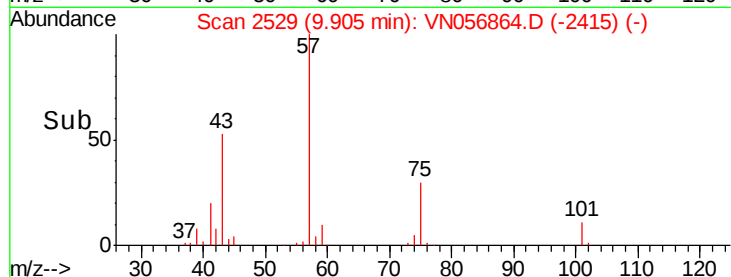
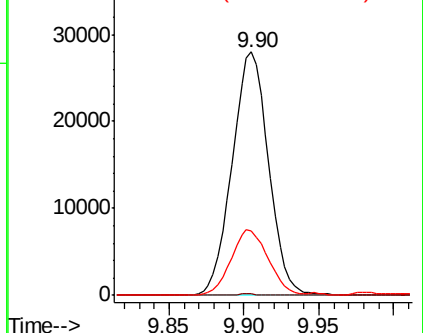
39 26.4 33.4 50.2#



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



#57

1,3-Dichloropropane

Concen: 1.713 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN056864.D

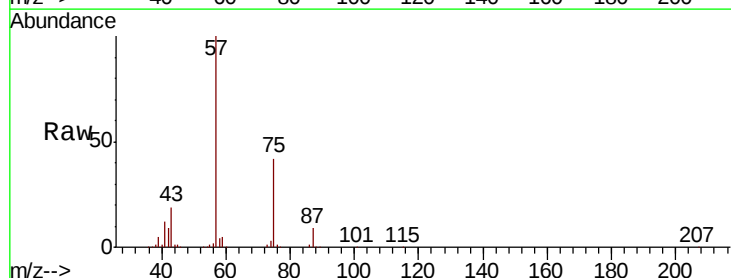
Acq: 22 Jul 2019 19:23

Tgt Ion: 76 Resp: 9345

Ion Ratio Lower Upper

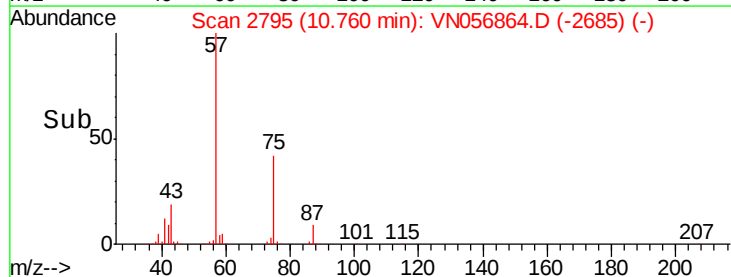
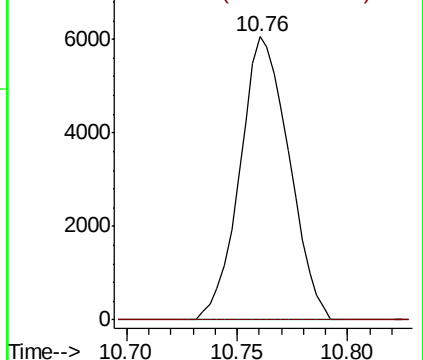
76 100

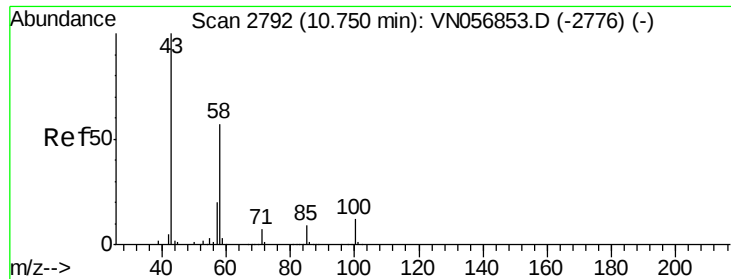
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

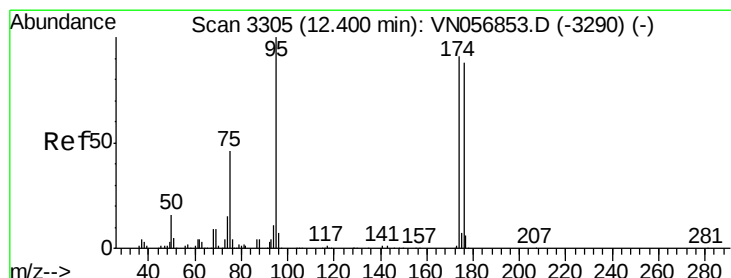
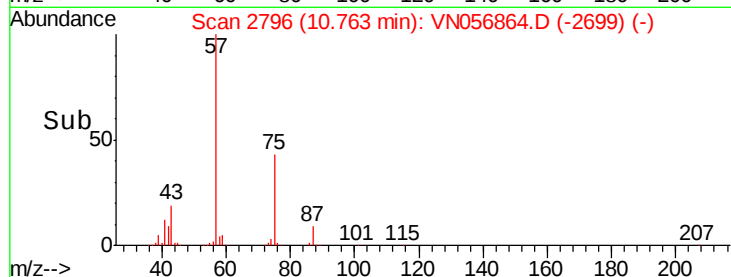
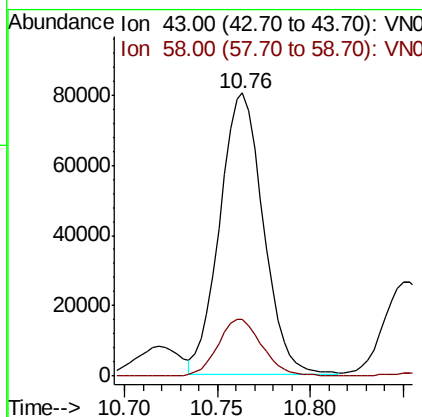
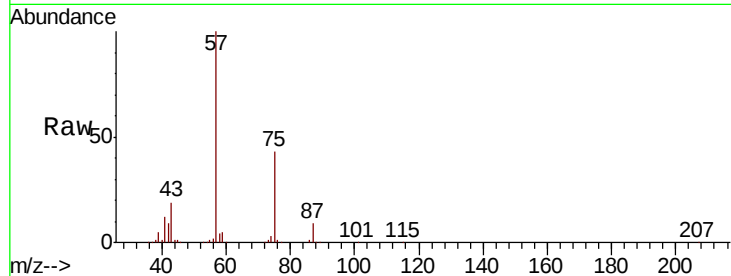




#59
2-Hexanone
Concen: 51.115 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

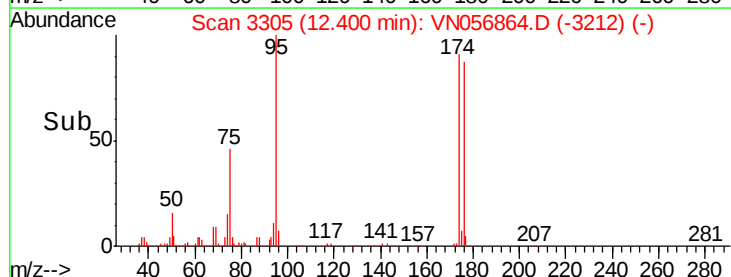
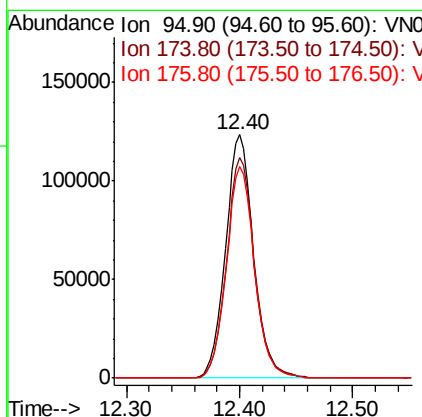
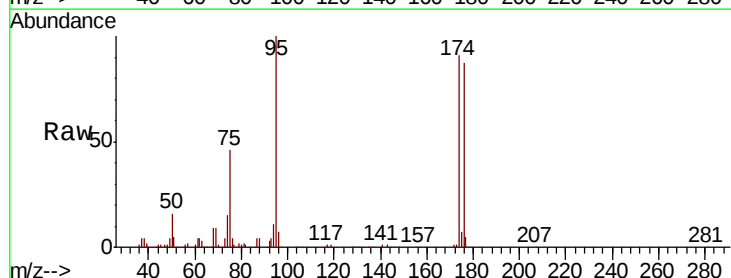
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#04

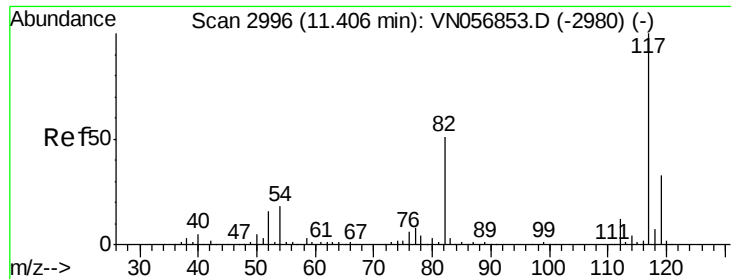
Tot Ion: 43 Resp: 129925
Ion Ratio Lower Upper
43 100
58 20.8 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 55.230 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

Tgt Ion: 95 Resp: 211107
Ion Ratio Lower Upper
95 100
174 91.6 0.0 183.4
176 87.7 0.0 175.8

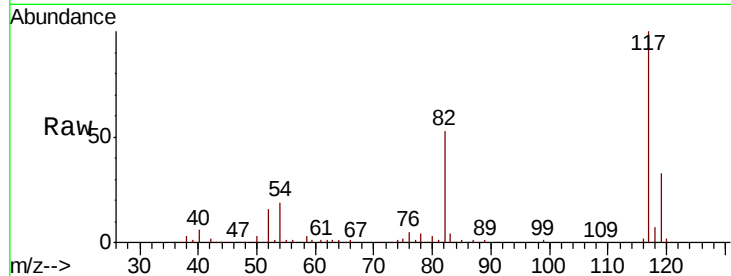




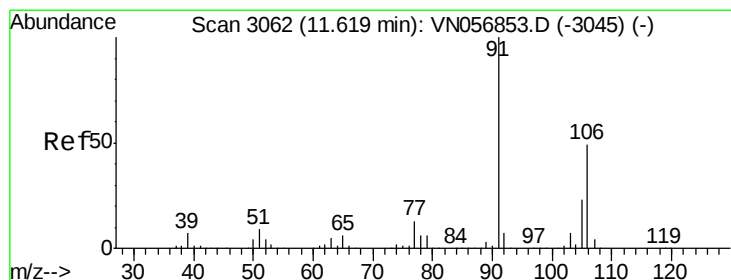
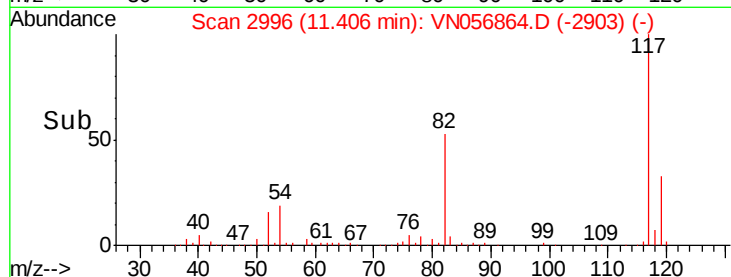
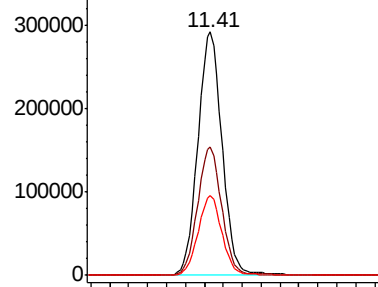
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#04

Tot Ion:117 Resp: 519532
Ion Ratio Lower Upper
117 100
82 52.5 41.2 61.8
119 32.6 26.4 39.6

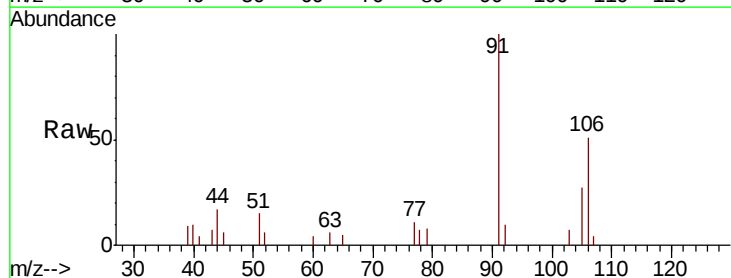


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

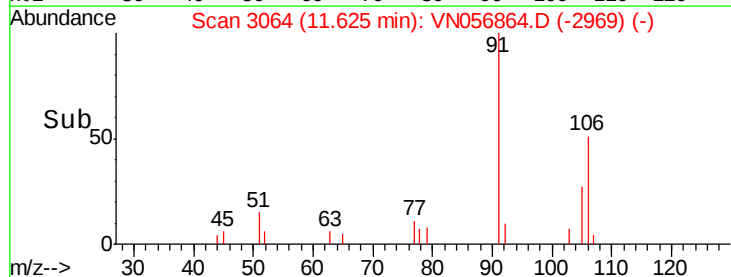
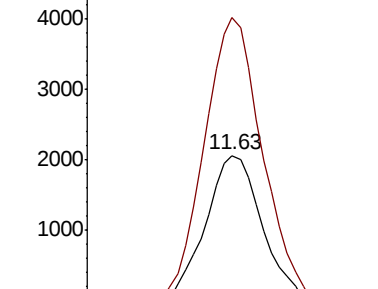


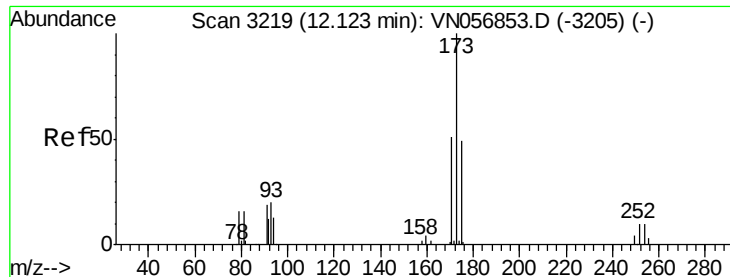
#68
m/p-Xylenes
Concen: 0.470 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

Tgt Ion:106 Resp: 3276
Ion Ratio Lower Upper
106 100
91 200.9 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

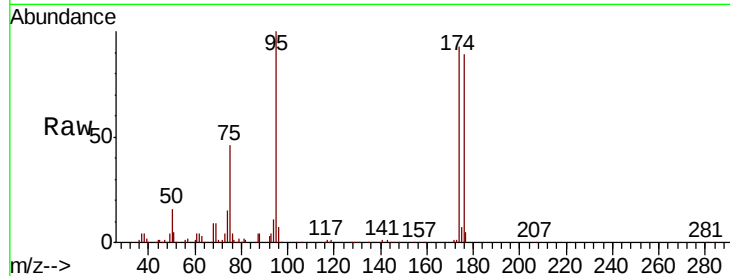




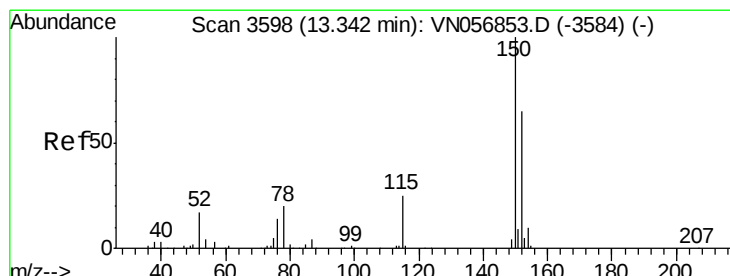
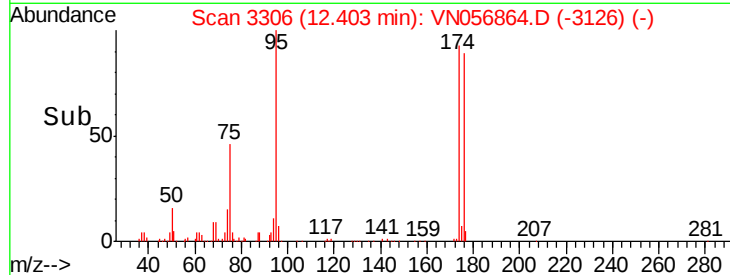
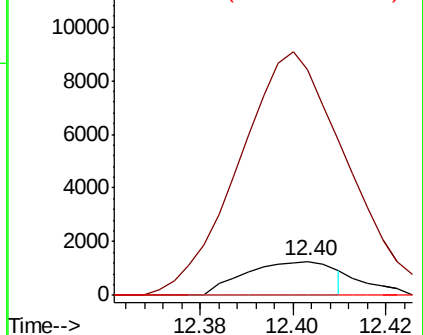
#71
Bromoform
Concen: 0.600 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#04

Tot Ion:173 Resp: 1693
Ion Ratio Lower Upper
173 100
175 725.2 24.1 72.3#
254 0.0 0.0 0.0

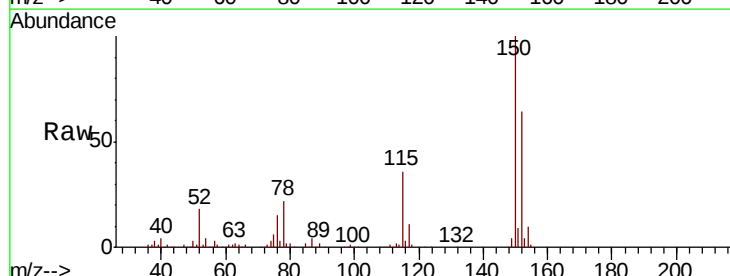


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

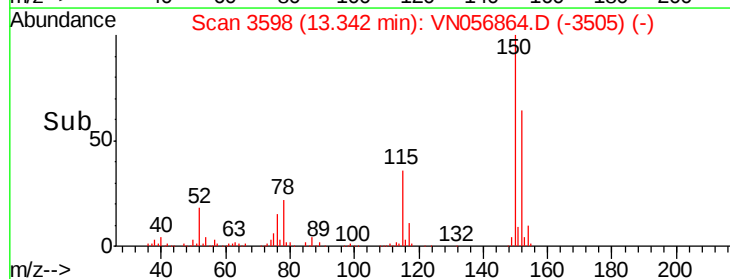
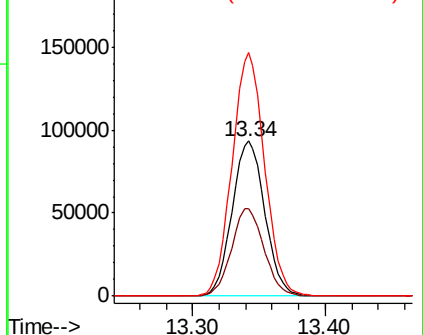


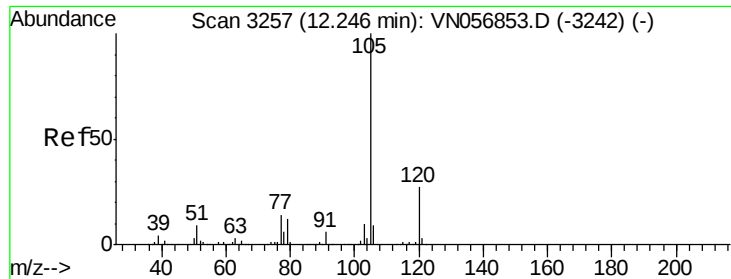
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056864.D
Acq: 22 Jul 2019 19:23

Tgt Ion:152 Resp: 160201
Ion Ratio Lower Upper
152 100
115 55.7 27.6 82.7
150 155.7 0.0 343.0



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. 0.15 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

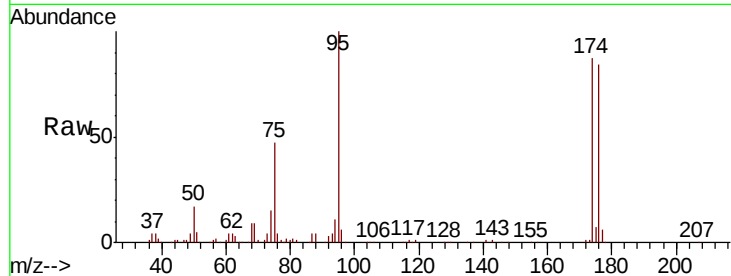
PB121556ZHE#04

Tot Ion:105 Resp: 136

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.39

200

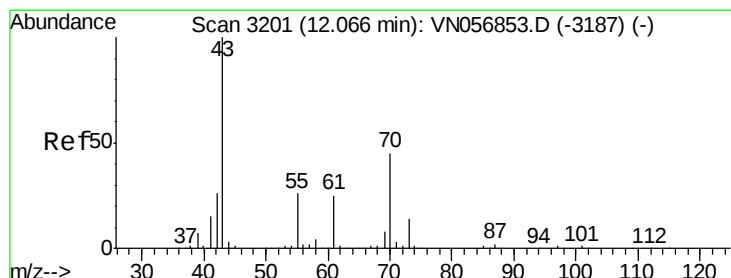
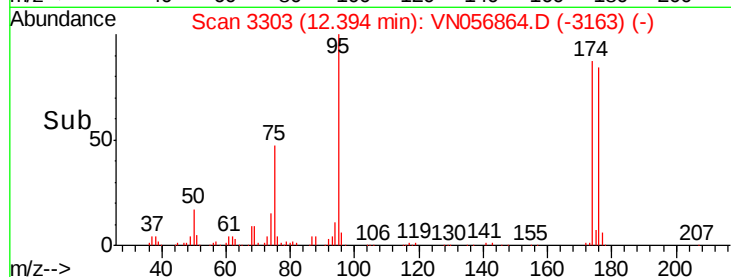
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 2.702 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Tgt Ion: 43 Resp: 12711

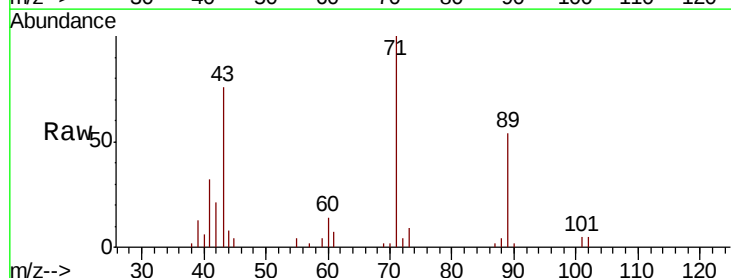
Ion Ratio Lower Upper

43 100

70 1.2 35.3 52.9#

55 3.7 20.6 31.0#

61 9.0 20.2 30.2#



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

11.88

12000

10000

8000

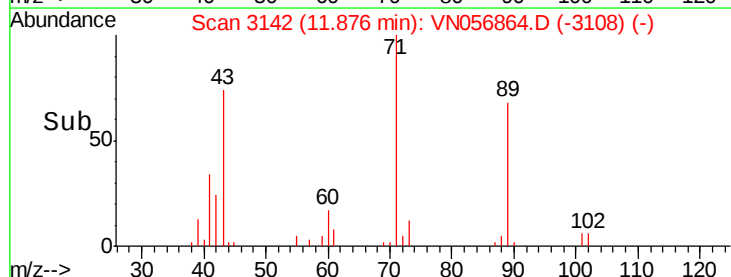
6000

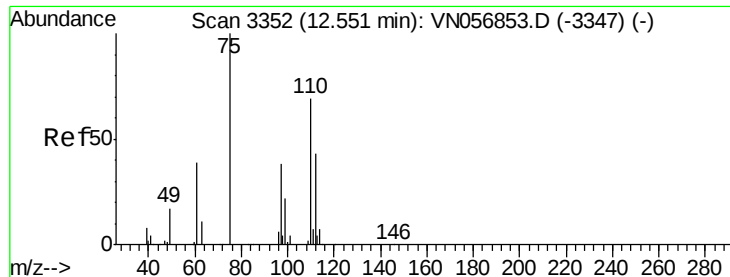
4000

2000

0

Time-->

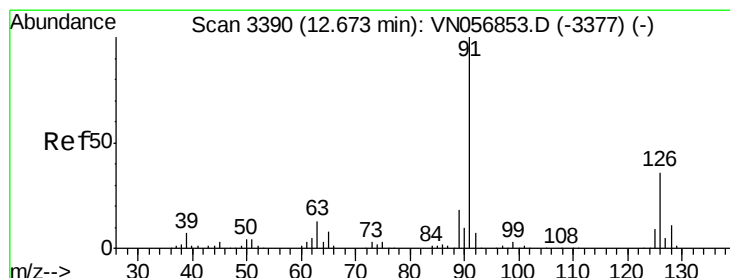
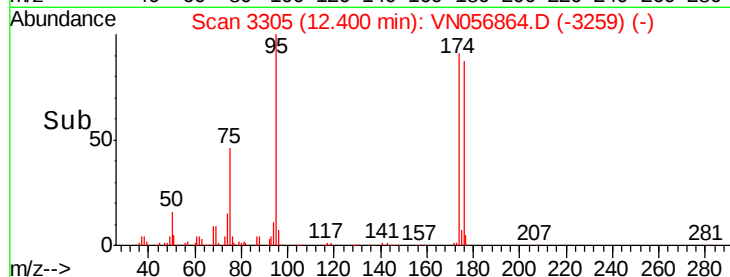
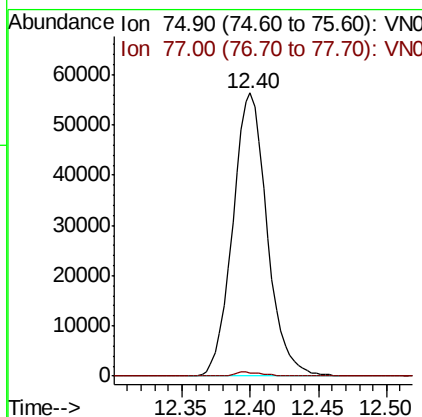
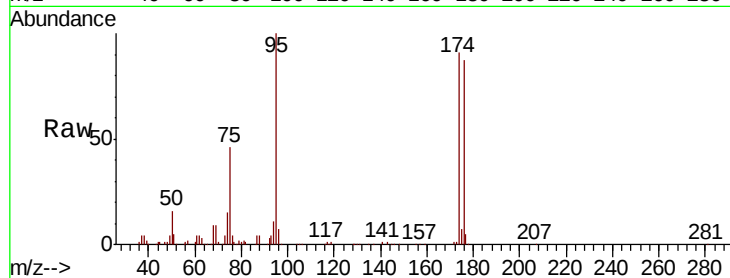




#76
 1,2,3-Trichloropropane
 Concen: 29.677 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN056864.D
 Acq: 22 Jul 2019 19:23

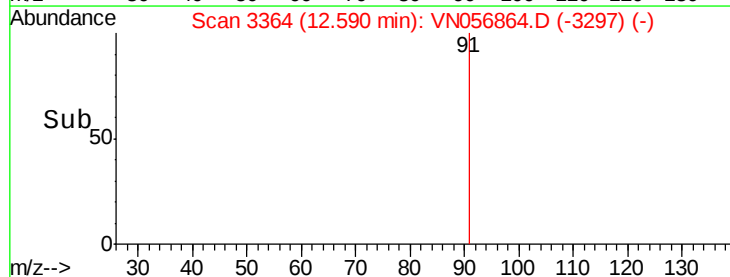
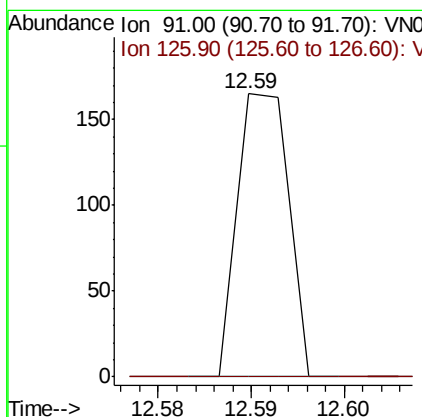
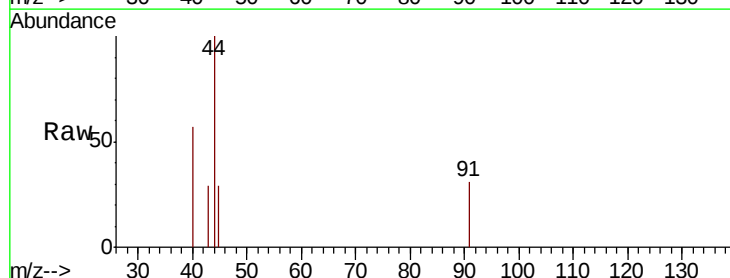
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#04

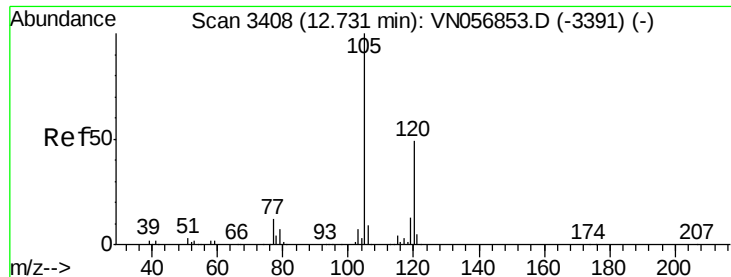
Tot Ion: 75 Resp: 98530
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.08 min
 Lab File: VN056864.D
 Acq: 22 Jul 2019 19:23

Tgt Ion: 91 Resp: 63
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.8 53.5#

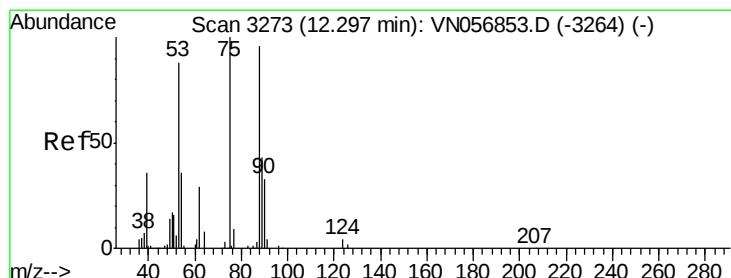
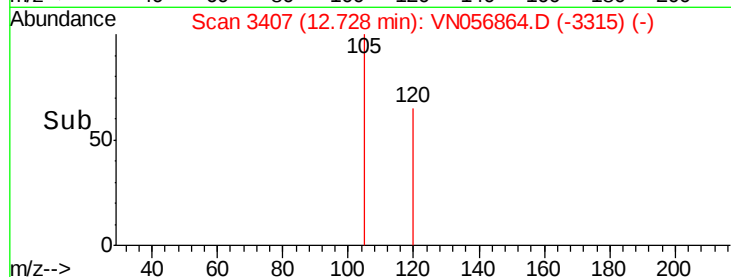
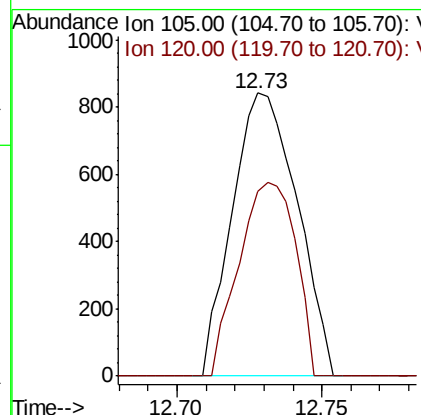
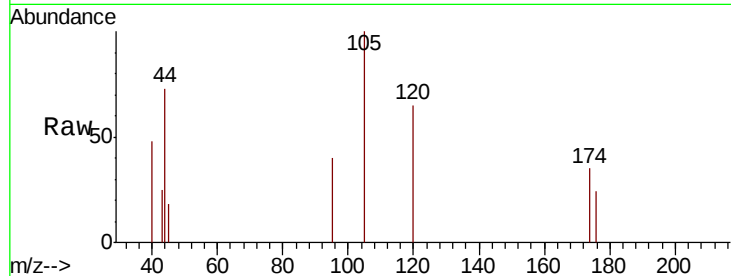




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056864.D
 Acq: 22 Jul 2019 19:23

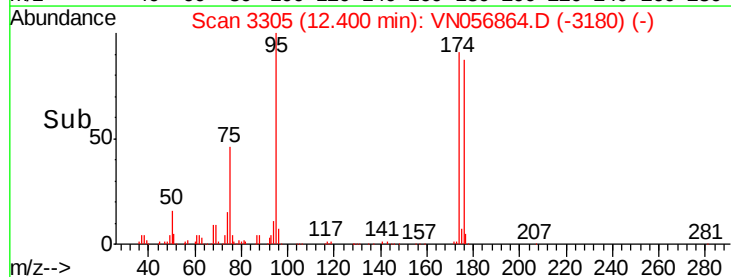
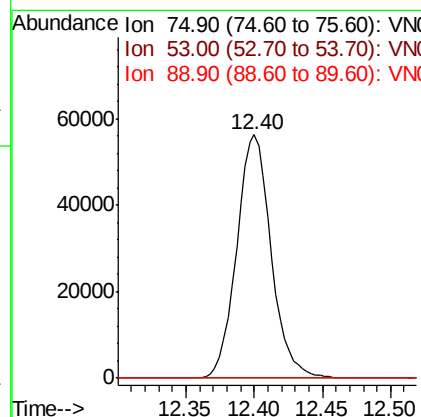
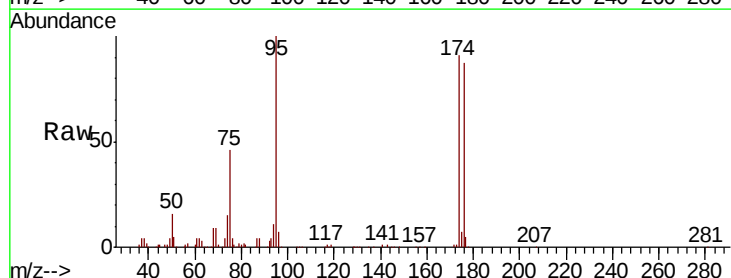
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#04

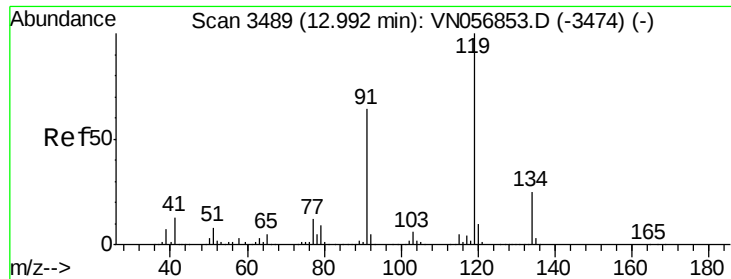
Tot Ion:105 Resp: 1309
 Ion Ratio Lower Upper
 105 100
 120 59.6 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.051 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056864.D
 Acq: 22 Jul 2019 19:23

Tgt Ion: 75 Resp: 98530
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.3 108.5#
 89 0.0 36.2 54.4#

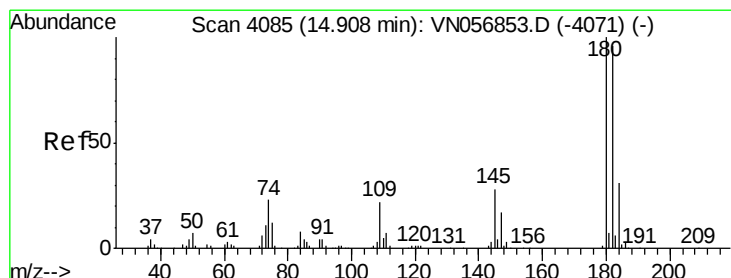
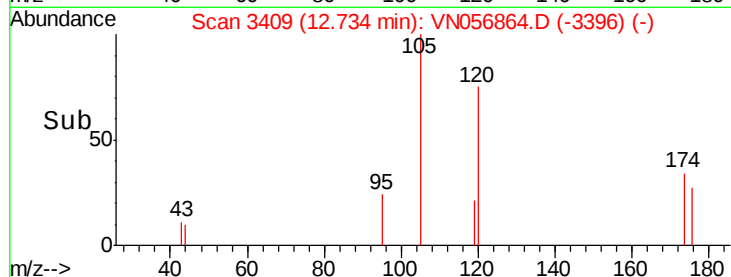
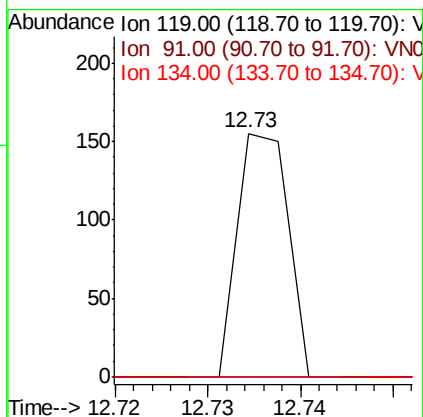
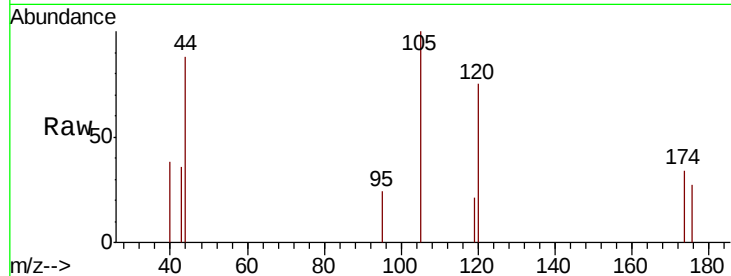




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.26 min
 Lab File: VN056864.D
 Acq: 22 Jul 2019 19:23

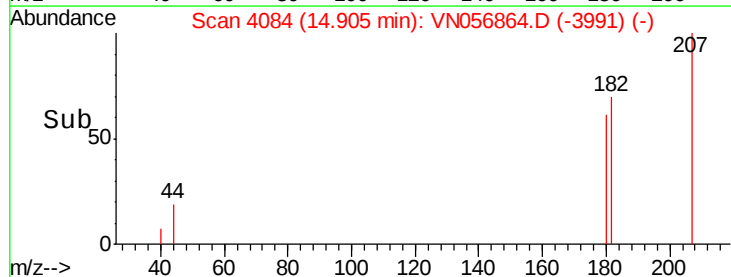
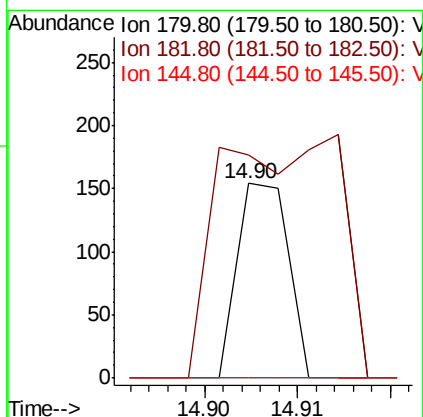
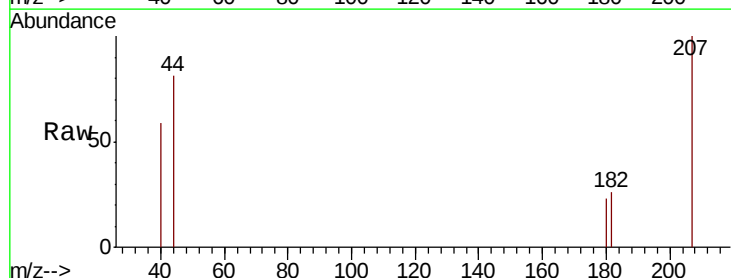
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#04

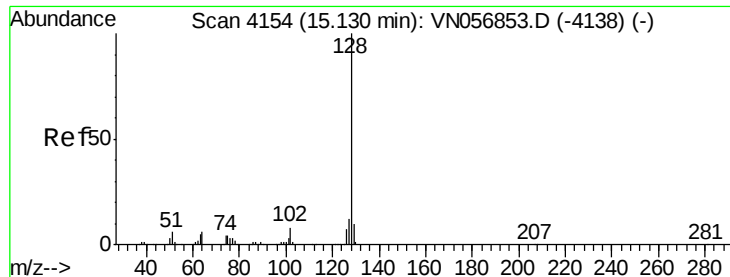
Tot Ion:119 Resp: 59
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.5 94.5#
 134 0.0 12.2 36.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.148 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056864.D
 Acq: 22 Jul 2019 19:23

Tgt Ion:180 Resp: 59
 Ion Ratio Lower Upper
 180 100
 182 293.2 47.9 143.7#
 145 0.0 14.1 42.3#





#95

Naphthalene

Concen: 3.689 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#04

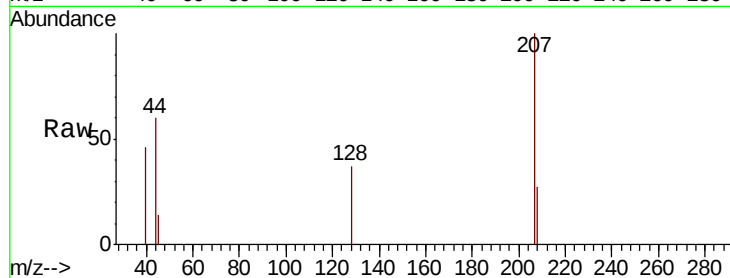
Tot Ion:128 Resp: 535

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

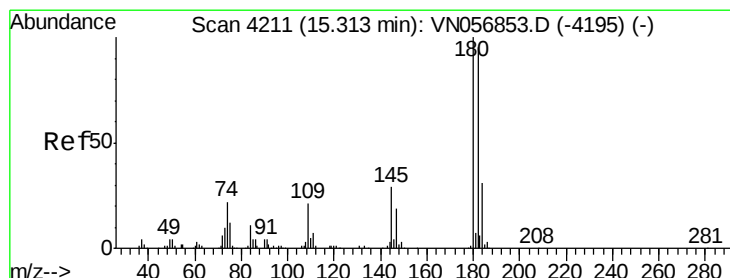
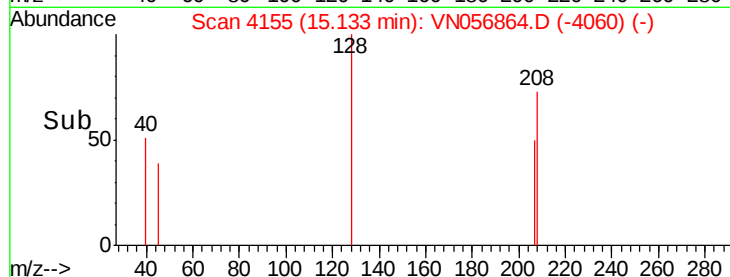
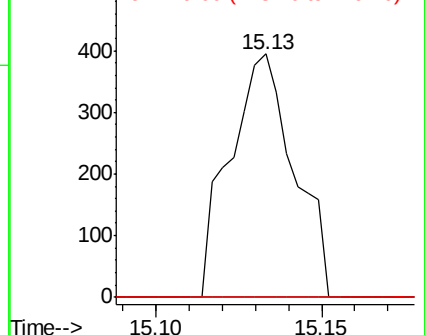
129 0.0 8.5 12.7#



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: 2.511 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056864.D

Acq: 22 Jul 2019 19:23

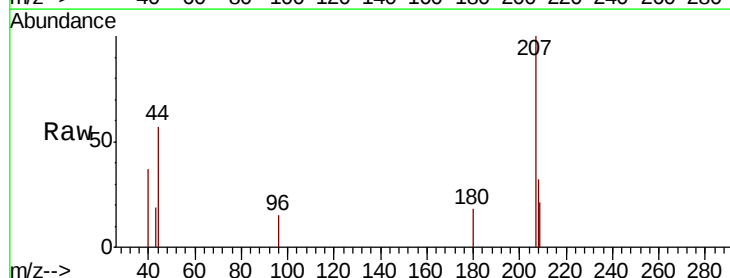
Tgt Ion:180 Resp: 131

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

145 0.0 14.7 44.1#



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

