

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056862.D
 Acq On : 22 Jul 2019 18:35
 Operator : JC/SP
 Sample : PB121556ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#02

Quant Time: Jul 23 02:12:24 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	260240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	477673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	155452	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
35) Dibromofluoromethane	7.59	113	144614	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	10.09	98	615482	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.40	95	220044	58.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.10%	

Target Compounds

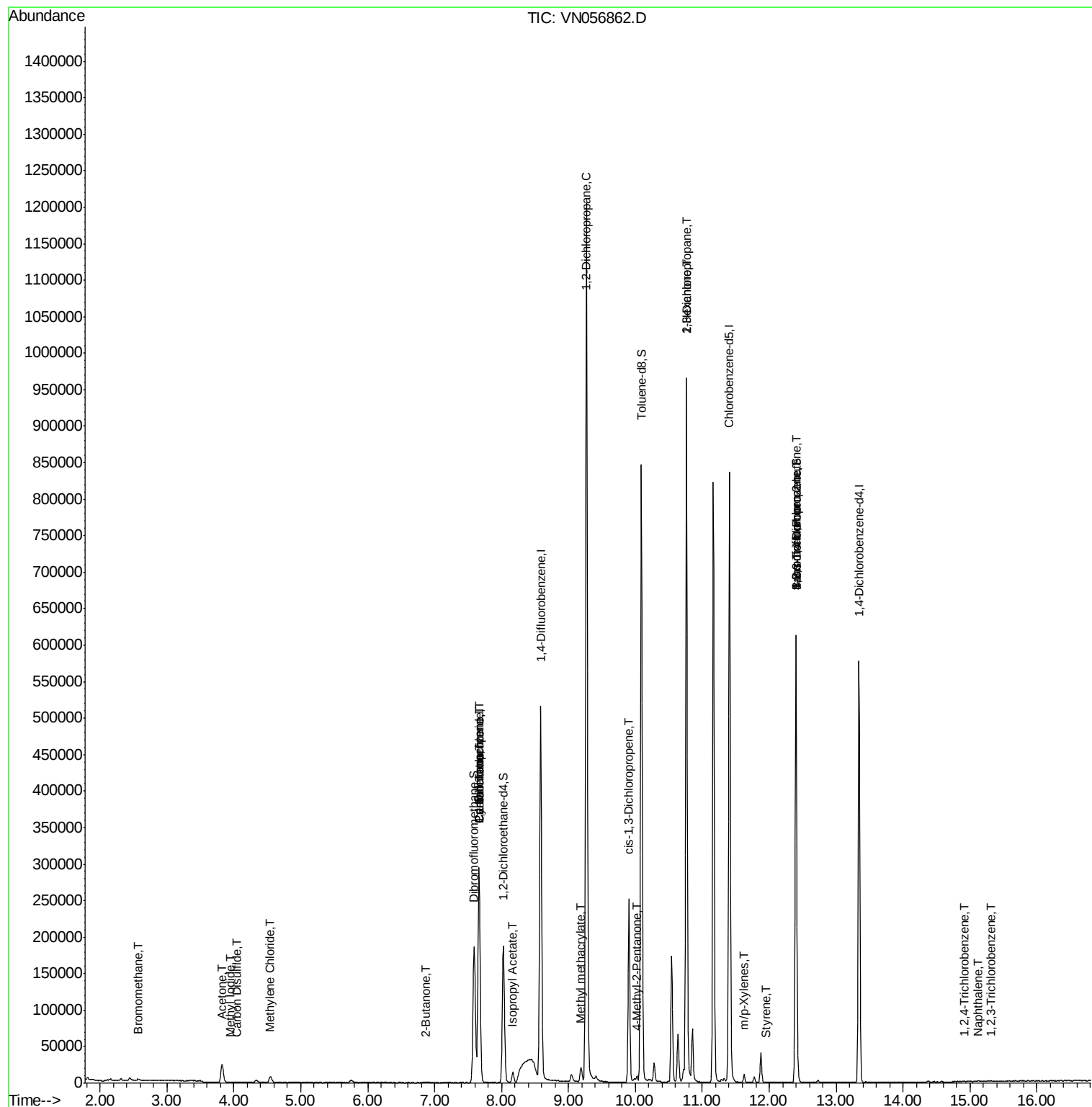
						Qvalue
5) Bromomethane	2.56	94	921	0.454	ug/l	84
10) Methyl Iodide	3.95	142	675	0.316	ug/l #	69
16) Acetone	3.82	43	43703	43.720	ug/l	94
17) Carbon Disulfide	4.04	76	1672	0.243	ug/l #	75
20) Methylene Chloride	4.55	84	6571	2.198	ug/l #	83
25) 2-Butanone	6.86	43	2850	1.940	ug/l	91
31) Cyclohexane	7.67	56	3882	0.823	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	16895	3.835	ug/l #	49
38) Carbon Tetrachloride	7.66	117	22724	5.419	ug/l #	15
43) Isopropyl Acetate	8.17	43	17375	2.845	ug/l	97
45) 1,2-Dichloropropane	9.27	63	1474	0.400	ug/l #	43
48) Methyl methacrylate	9.18	41	6990	2.288	ug/l #	13
51) 4-Methyl-2-Pentanone	10.02	43	6393	1.755	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	47793	9.231	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	9930	1.836	ug/l #	42
59) 2-Hexanone	10.76	43	134083	53.192	ug/l #	51
68) m/p-Xylenes	11.63	106	2941	0.419	ug/l	76
70) Styrene	11.96	104	97	0.527	ug/l #	26
71) Bromoform	12.40	173	1664	0.587	ug/l #	1
73) Isopropylbenzene	12.24	105	171	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	101842	27.938	ug/l #	100
79) 2-Chlorotoluene	12.77	91	501	Below Cal		77
80) 1,3,5-Trimethylbenzene	12.73	105	1550	Below Cal		93
81) trans-1,4-Dichloro-2-buten	12.40	75	101842	89.481	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	502	4.268	ug/l #	86
94) Hexachlorobutadiene	15.01	225	63	Below Cal	#	18
95) Naphthalene	15.13	128	1201	3.756	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	731	2.675	ug/l #	86

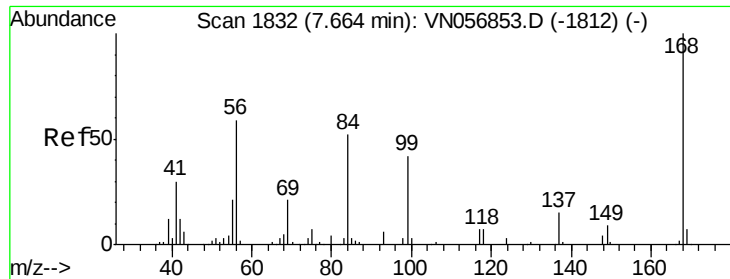
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

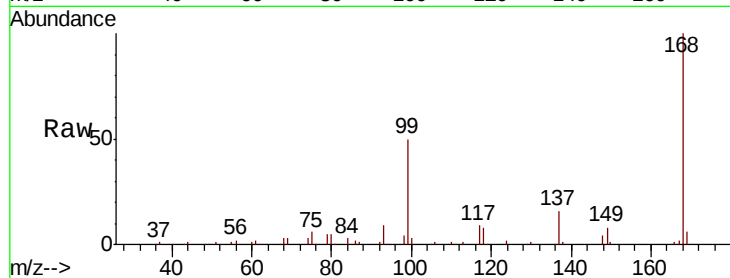
PB121556ZHE#02

Tot Ion:168 Resp: 260240

Ion Ratio Lower Upper

168 100

99 50.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

120000

100000

80000

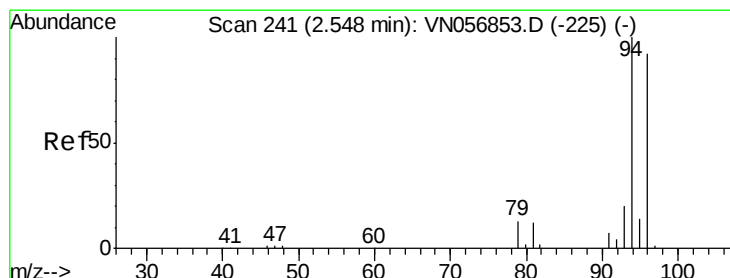
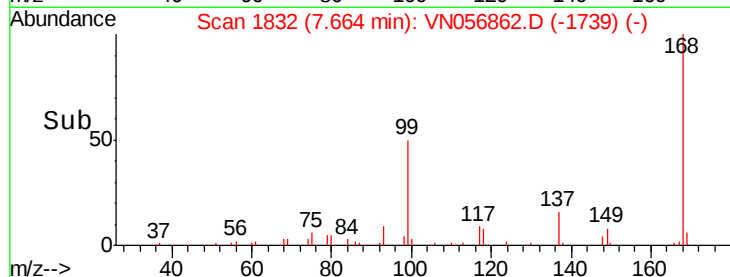
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.454 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.02 min

Lab File: VN056862.D

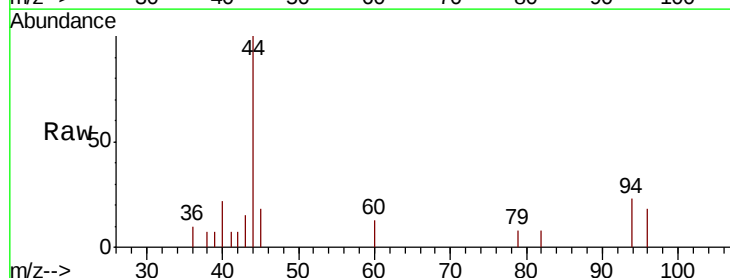
Acq: 22 Jul 2019 18:35

Tgt Ion: 94 Resp: 921

Ion Ratio Lower Upper

94 100

96 76.3 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

600

500

400

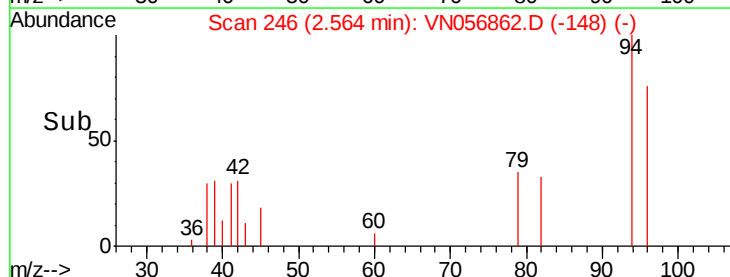
300

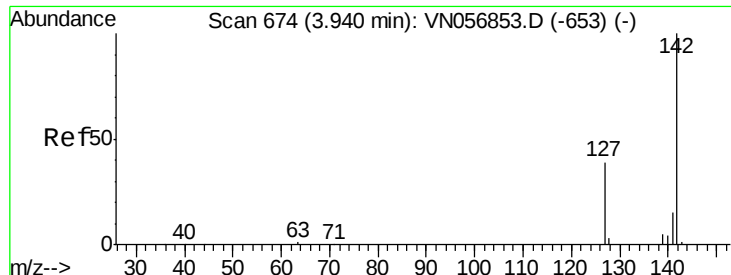
200

100

0

Time-->

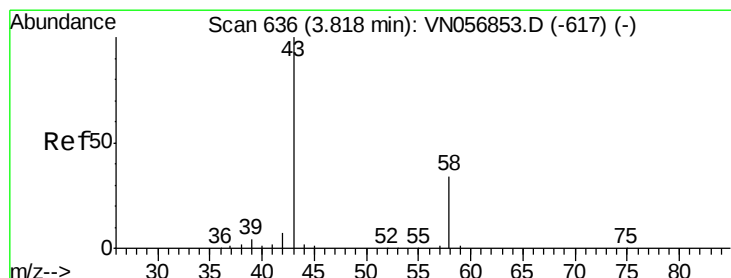
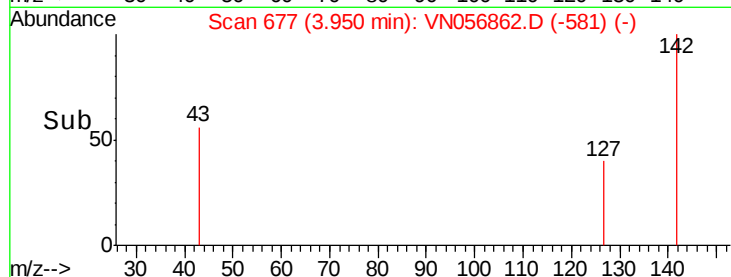
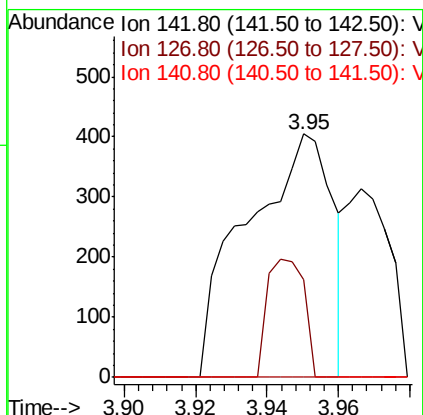
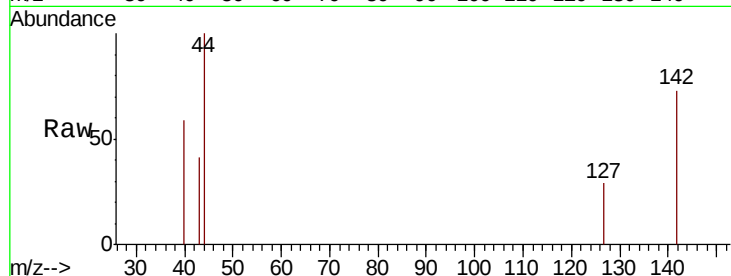




#10
Methvl Iodide
Concen: 0.316 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.01 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

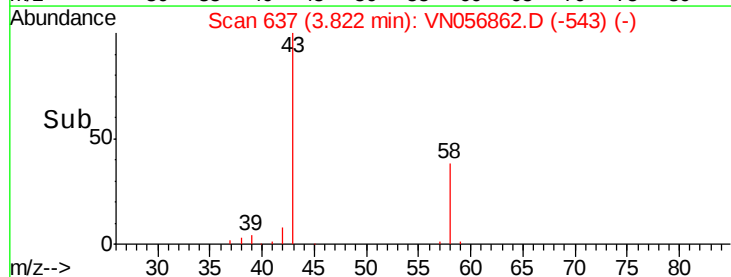
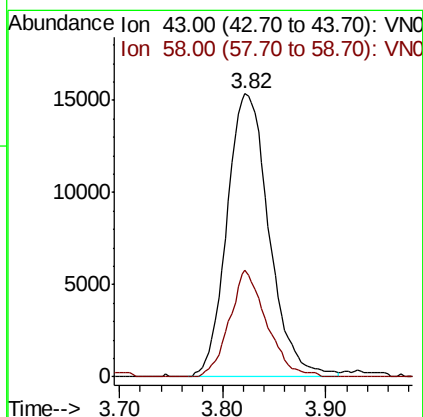
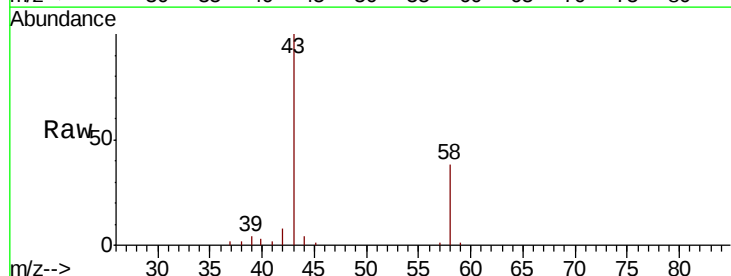
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#02

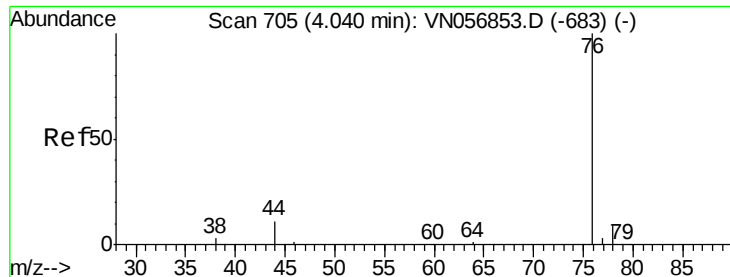
Tot Ion:142 Resp: 675
Ion Ratio Lower Upper
142 100
127 20.7 31.2 46.8#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 43.720 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

Tgt Ion: 43 Resp: 43703
Ion Ratio Lower Upper
43 100
58 37.6 27.3 40.9





#17

Carbon Disulfide

Concen: 0.243 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

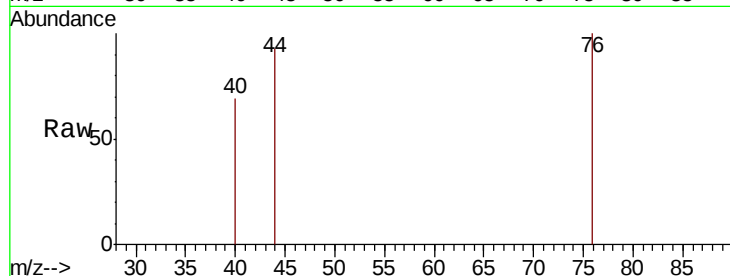
PB121556ZHE#02

Tot Ion: 76 Resp: 1672

Ion Ratio Lower Upper

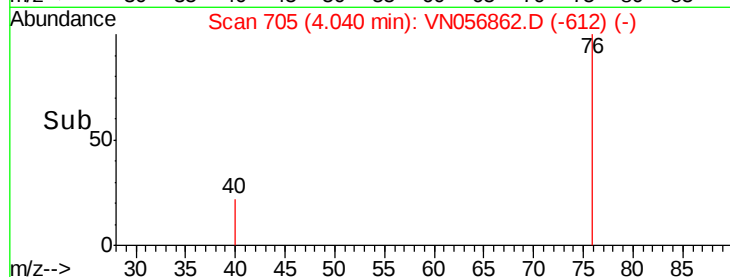
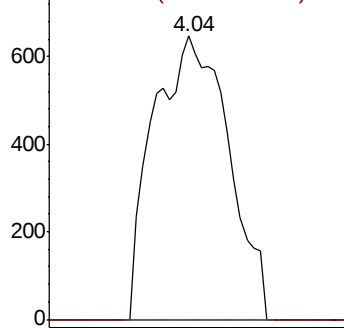
76 100

78 0.0 7.2 10.8#

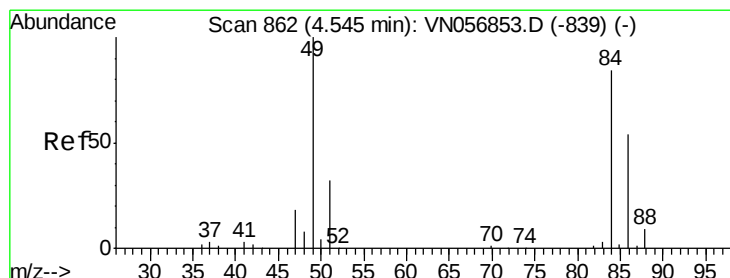


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#20

Methylene Chloride

Concen: 2.198 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Tgt Ion: 84 Resp: 6571

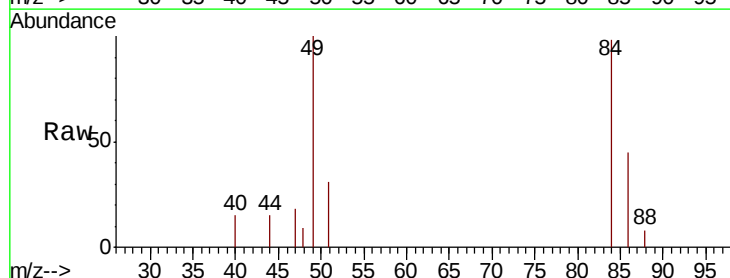
Ion Ratio Lower Upper

84 100

49 101.8 94.9 142.3

51 31.3 29.9 44.9

86 46.2 51.4 77.2#

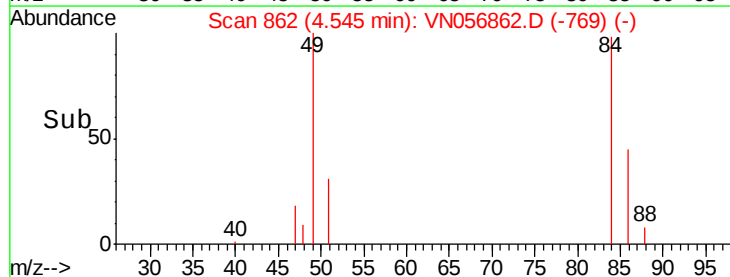
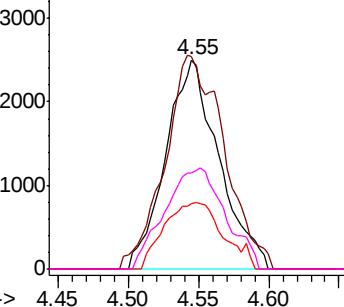


Abundance Ion 83.90 (83.60 to 84.60): VN0

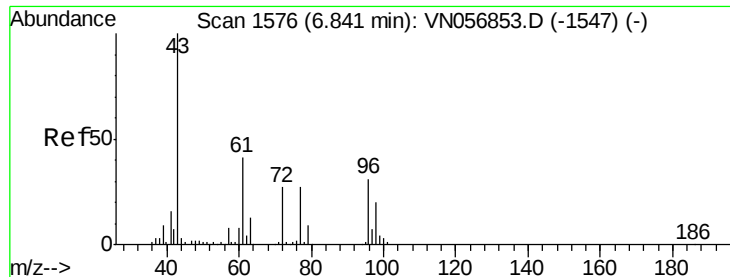
Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



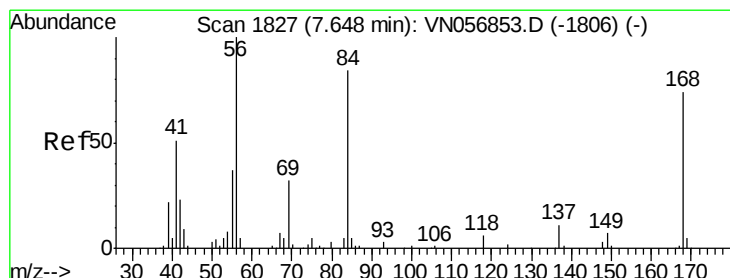
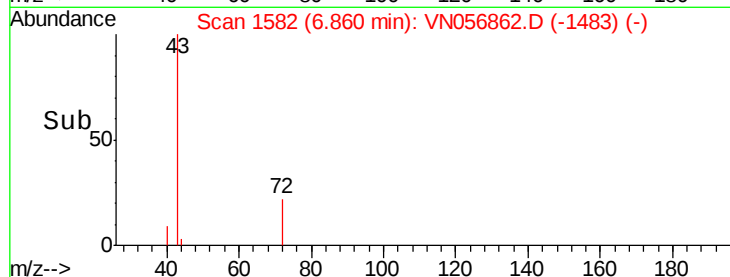
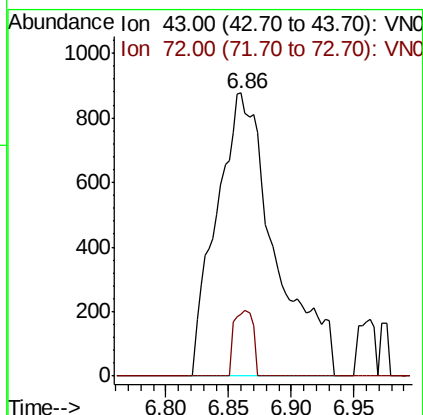
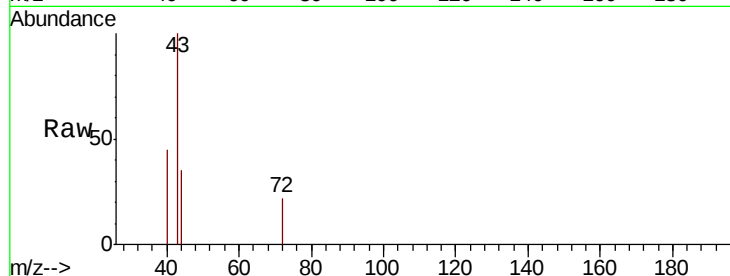
Time-->



#25
2-Butanone
Concen: 1.940 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

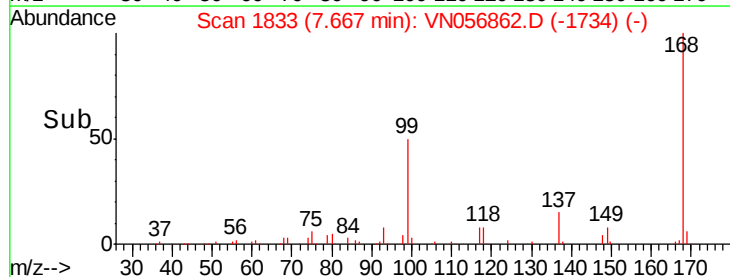
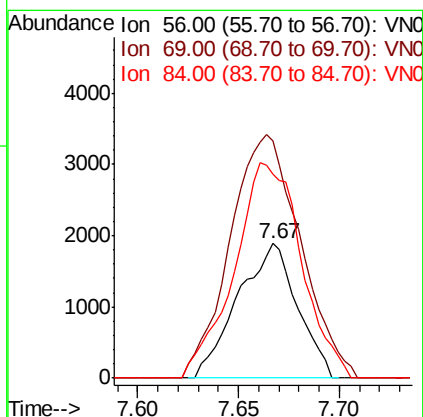
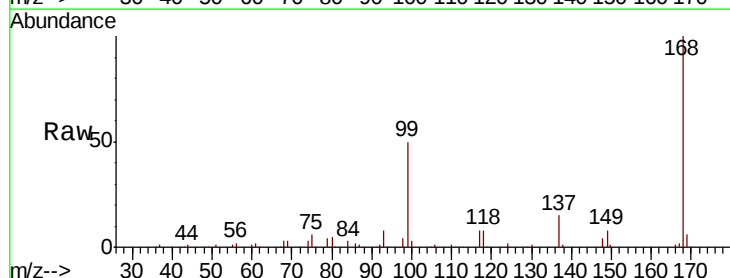
Instrument :
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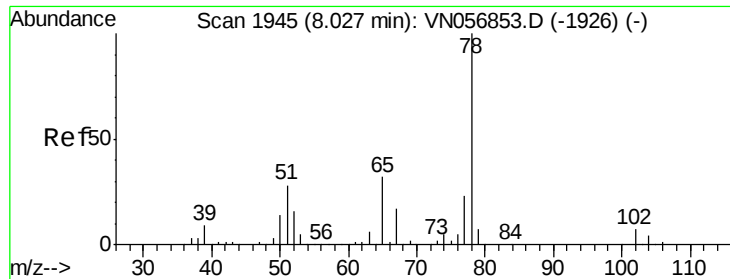
Tot Ion: 43 Resp: 2850
Ion Ratio Lower Upper
43 100
72 22.0 21.5 32.3



#31
Cyclohexane
Concen: 0.823 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

Tgt Ion: 56 Resp: 3882
Ion Ratio Lower Upper
56 100
69 165.8 25.5 38.3#
84 141.4 67.3 100.9#

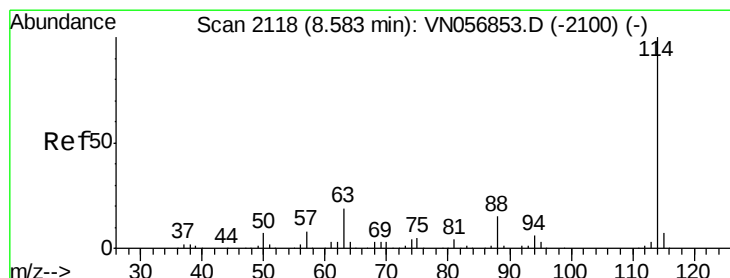
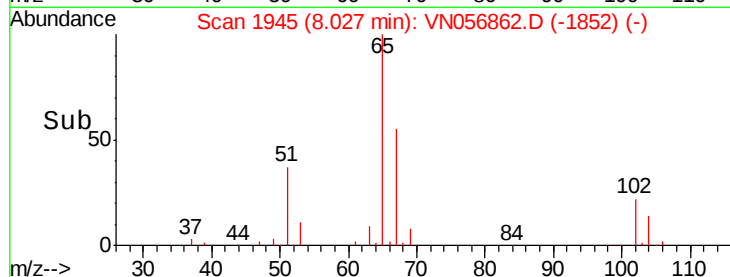
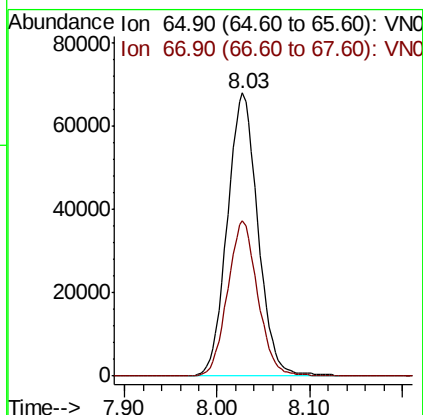
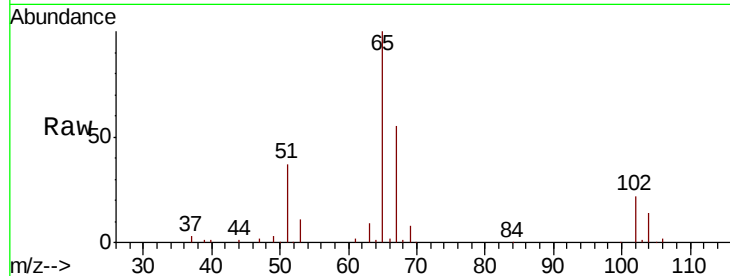




#33
 1,2-Dichloroethane-d4
 Concen: 56.002 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056862.D
 Acq: 22 Jul 2019 18:35

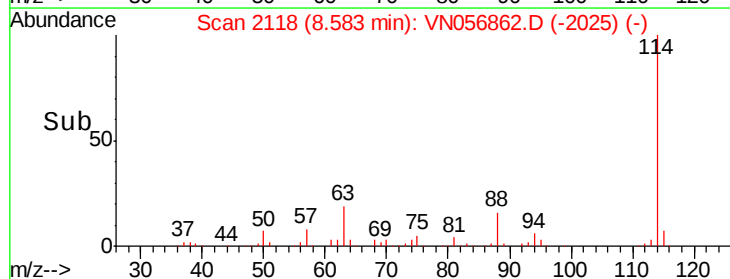
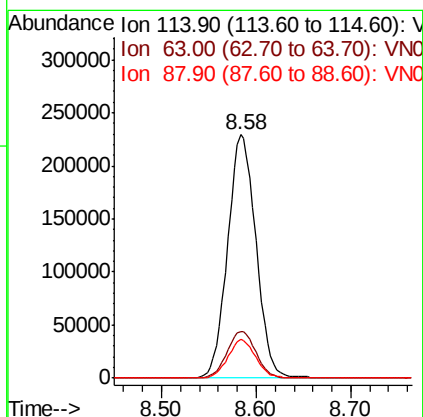
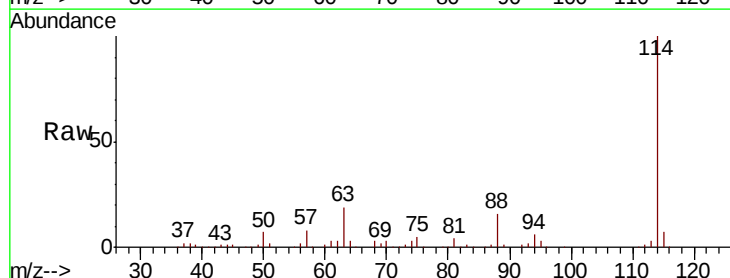
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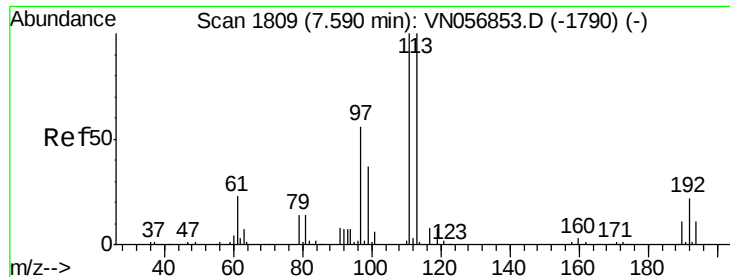
Tot Ion: 65 Resp: 155452
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056862.D
 Acq: 22 Jul 2019 18:35

Tgt Ion: 114 Resp: 477673
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.764 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

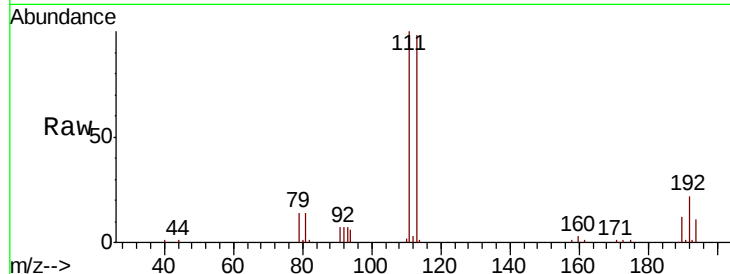
Tot Ion:113 Resp: 144614

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

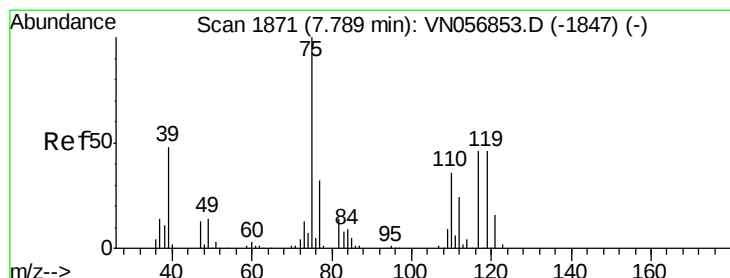
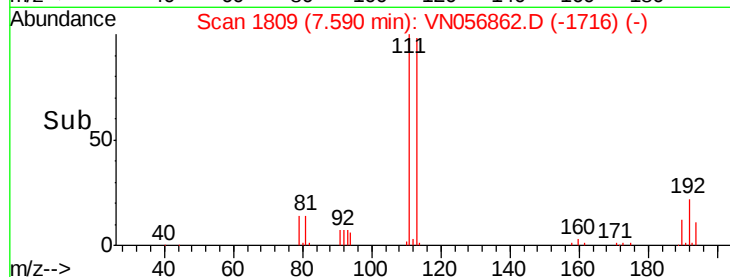
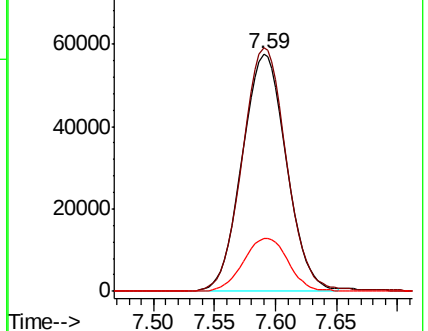
192 22.7 18.5 27.7



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: 3.835 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

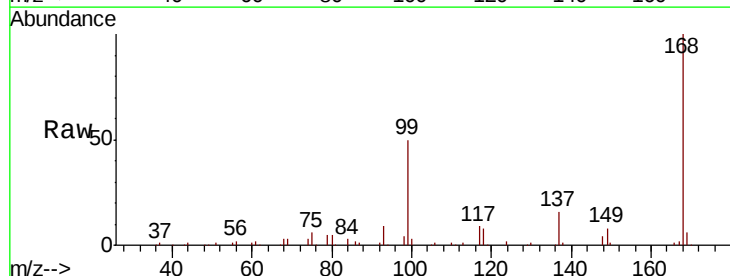
Tgt Ion: 75 Resp: 16895

Ion Ratio Lower Upper

75 100

110 8.4 17.9 53.7#

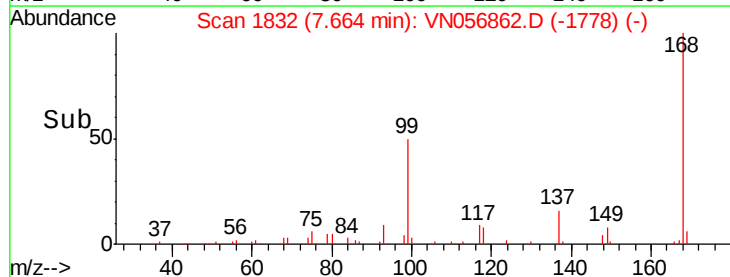
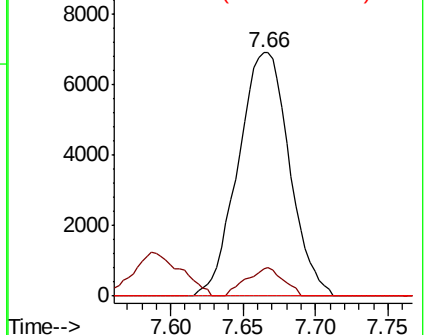
77 0.0 25.0 37.6#

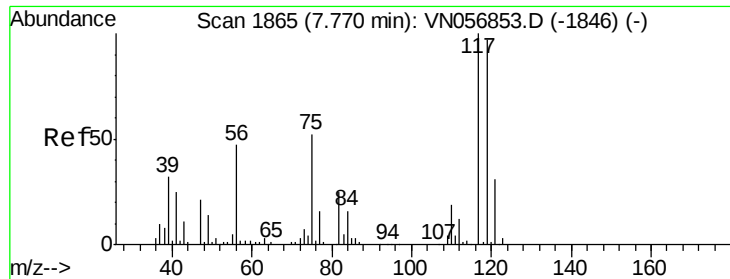


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.419 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

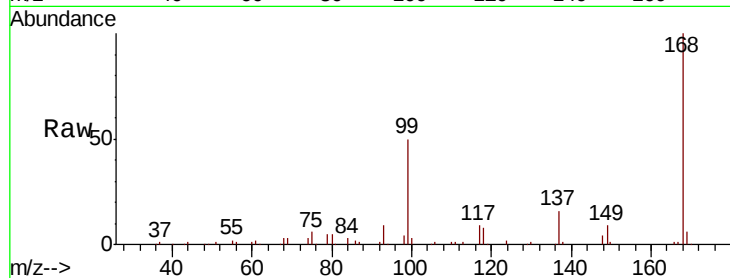
Tot Ion:117 Resp: 22724

Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

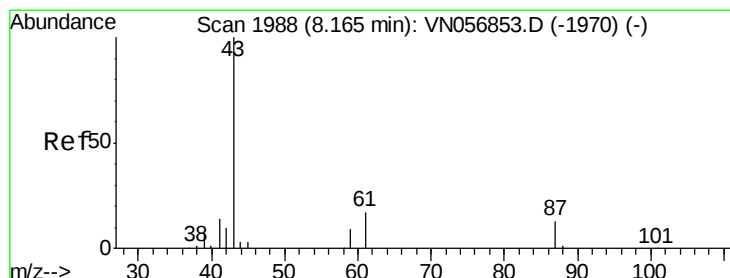
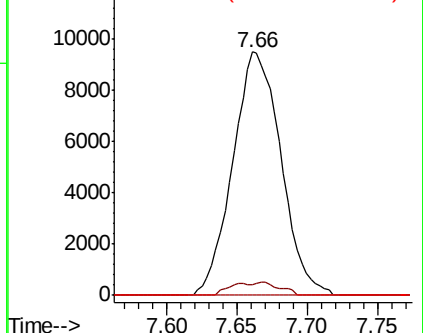
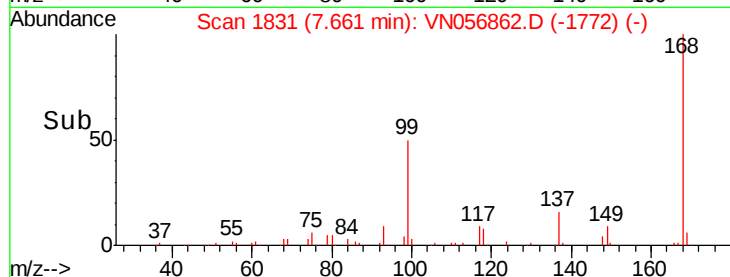
121 0.0 24.5 36.7#



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: 2.845 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

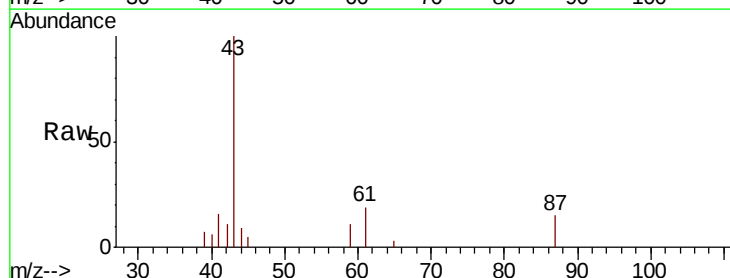
Tgt Ion: 43 Resp: 17375

Ion Ratio Lower Upper

43 100

61 20.2 17.8 26.6

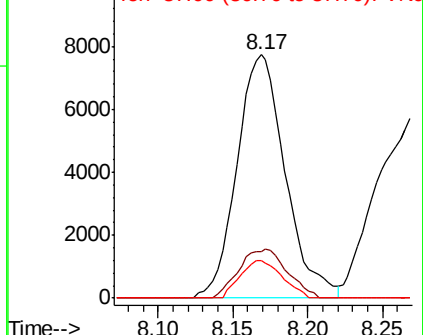
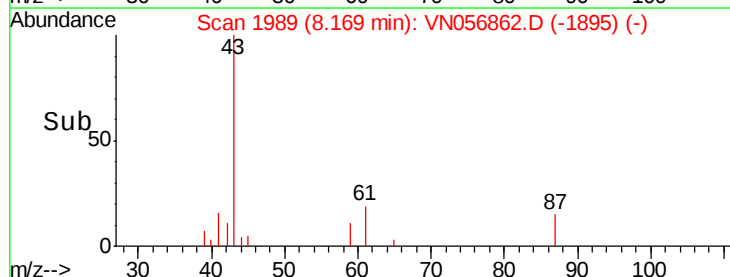
87 13.5 11.0 16.4

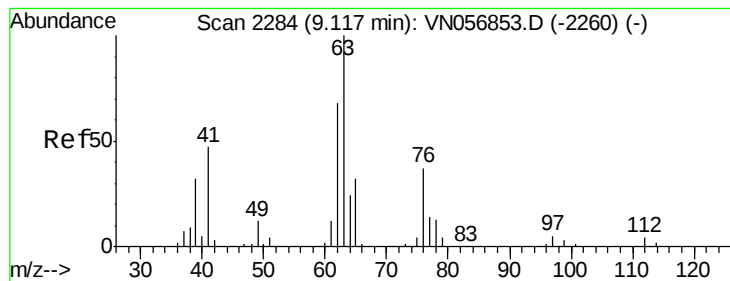


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.400 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

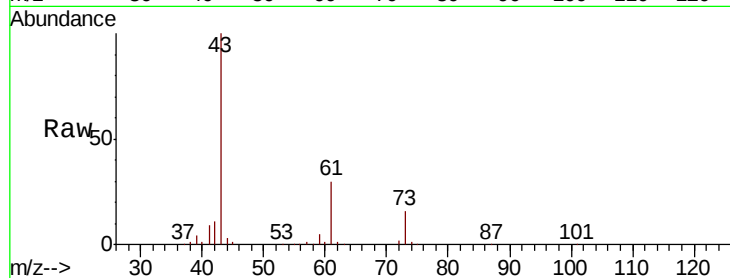
PB121556ZHE#02

Tot Ion: 63 Resp: 1474

Ion Ratio Lower Upper

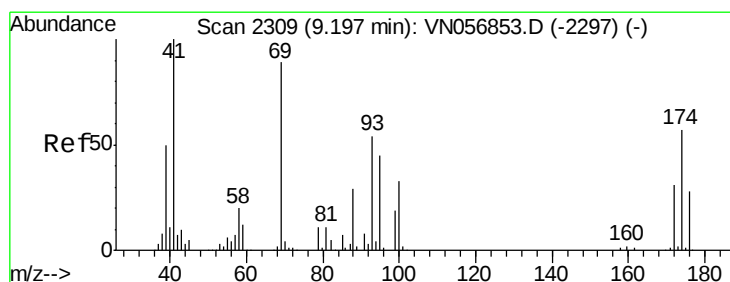
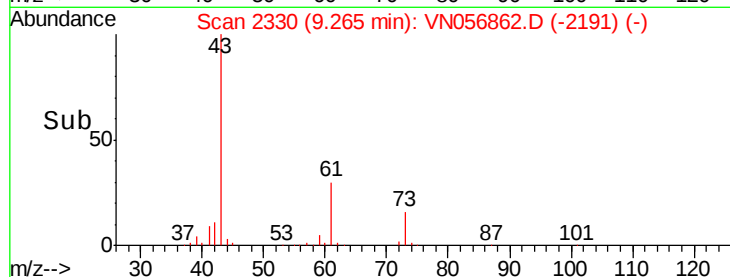
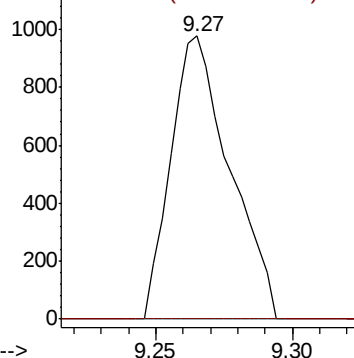
63 100

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



#48

Methyl methacrylate

Concen: 2.288 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

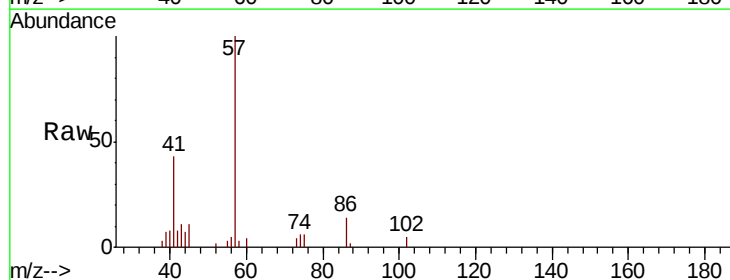
Tgt Ion: 41 Resp: 6990

Ion Ratio Lower Upper

41 100

69 0.0 71.1 106.7#

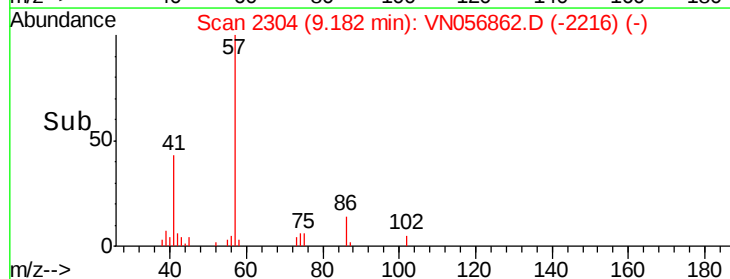
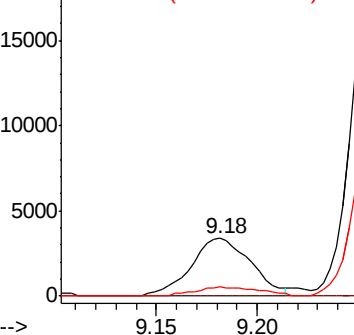
39 0.0 40.6 60.8#

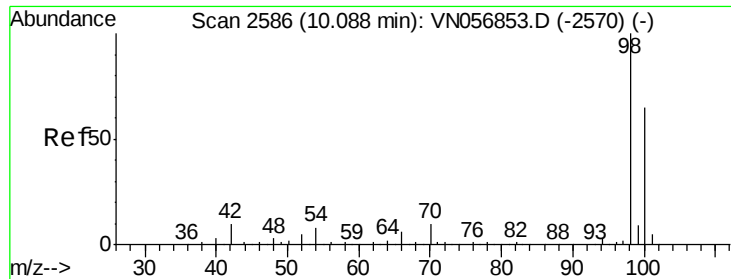


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 53.136 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

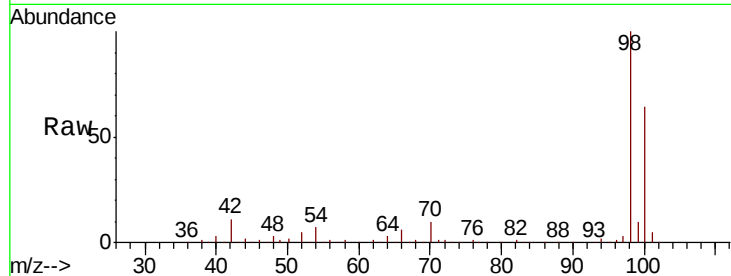
PB121556ZHE#02

Tot Ion: 98 Resp: 615482

Ion Ratio Lower Upper

98 100

100 64.7 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

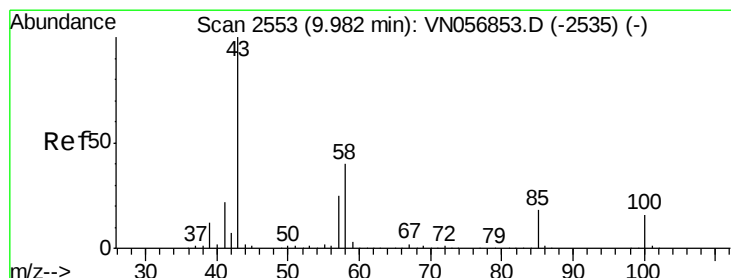
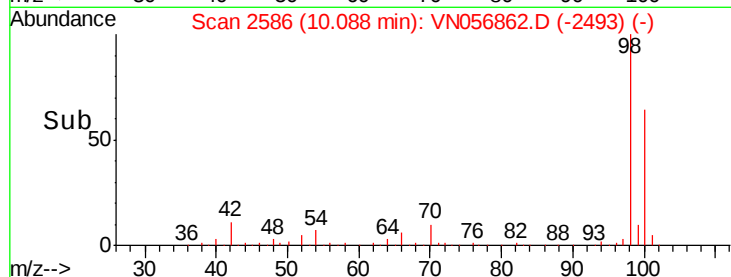
200000

100000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 1.755 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN056862.D

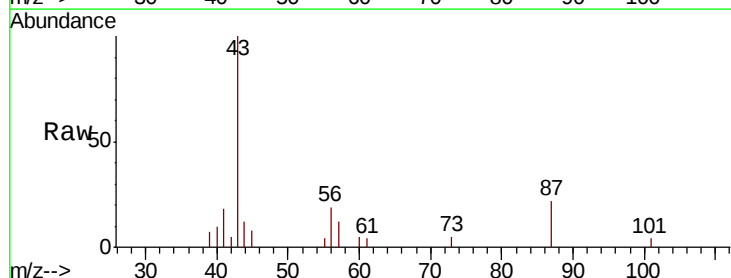
Acq: 22 Jul 2019 18:35

Tgt Ion: 43 Resp: 6393

Ion Ratio Lower Upper

43 100

58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.02

5000

4000

3000

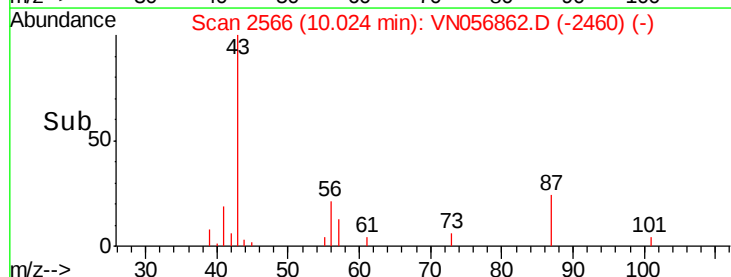
2000

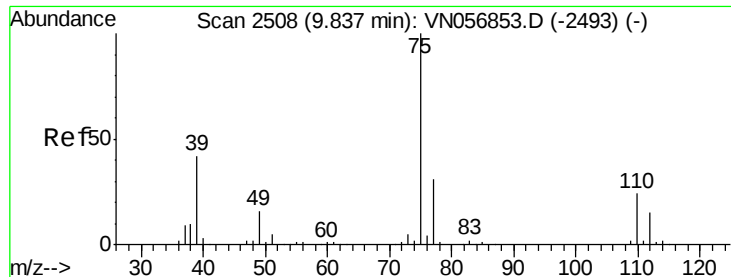
1000

0

Time-->

10.00 10.05





#54

cis-1,3-Dichloropropene

Concen: 9.231 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

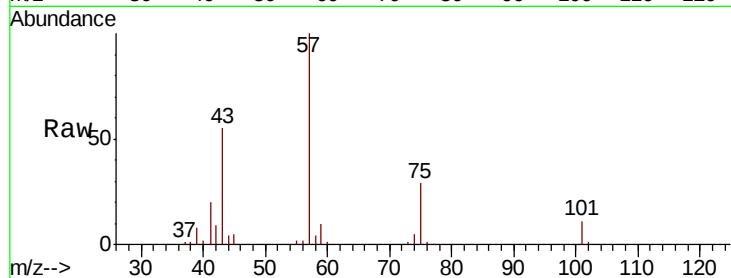
Tot Ion: 75 Resp: 47793

Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

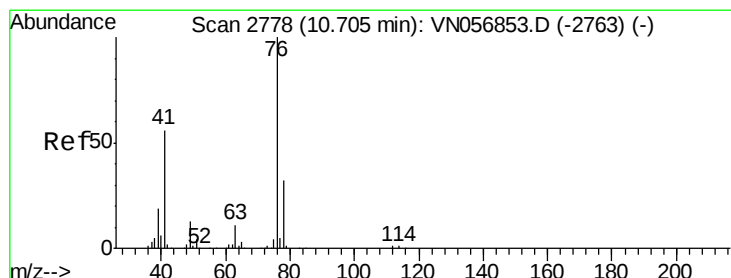
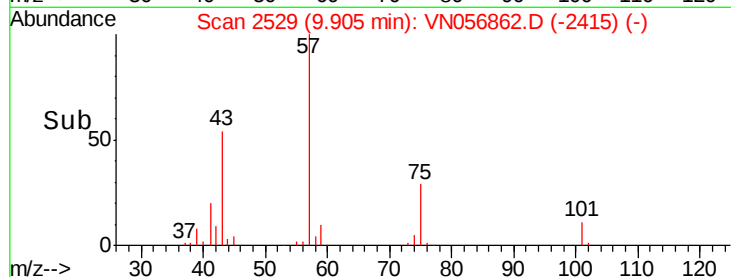
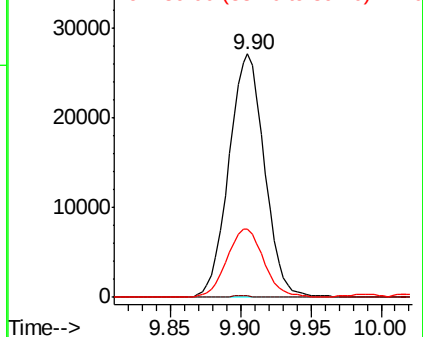
39 27.8 33.4 50.2#



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: 1.836 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056862.D

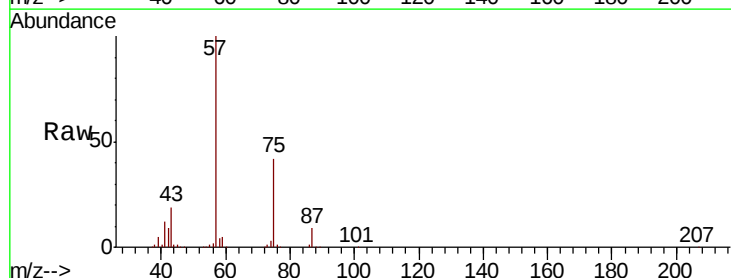
Acq: 22 Jul 2019 18:35

Tgt Ion: 76 Resp: 9930

Ion Ratio Lower Upper

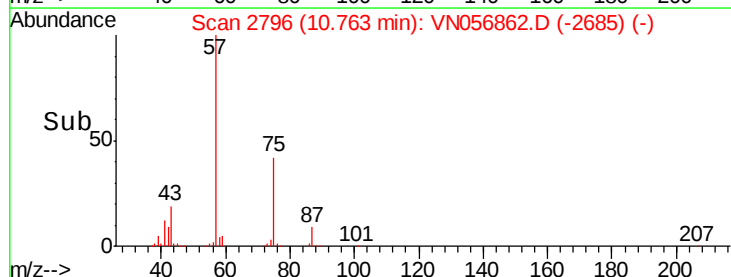
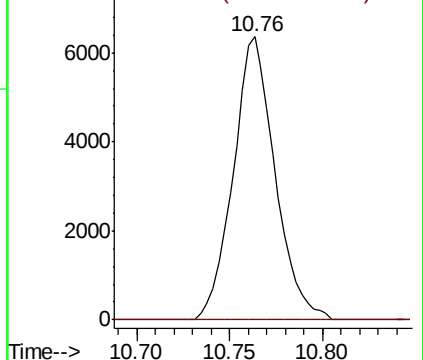
76 100

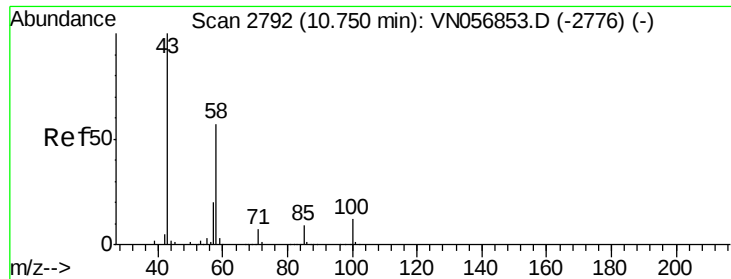
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

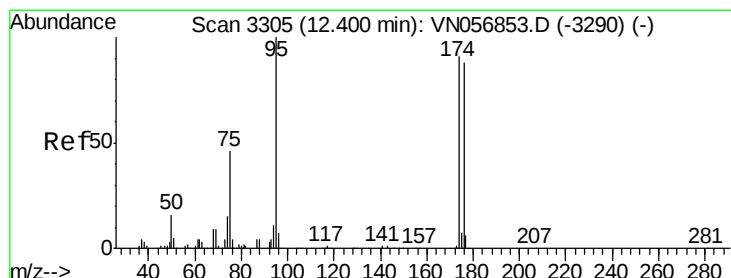
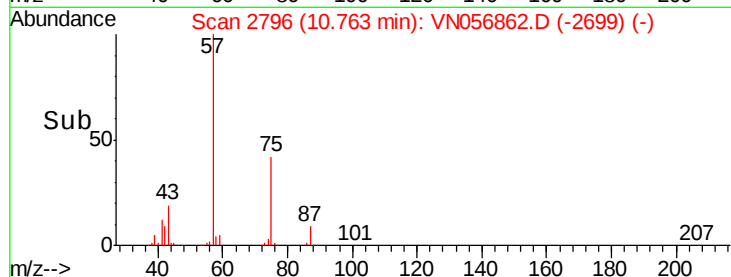
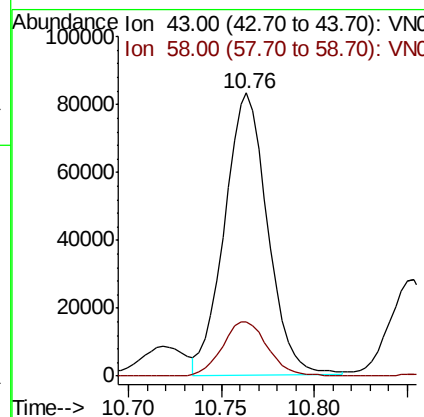
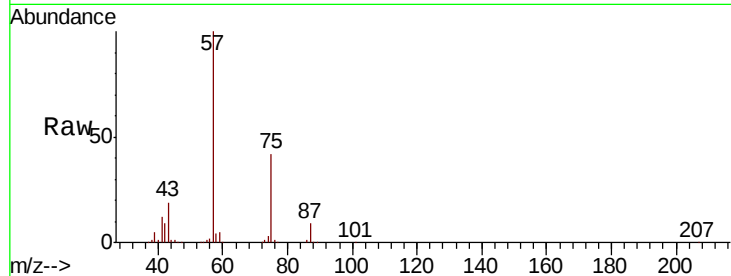




#59
2-Hexanone
Concen: 53.192 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

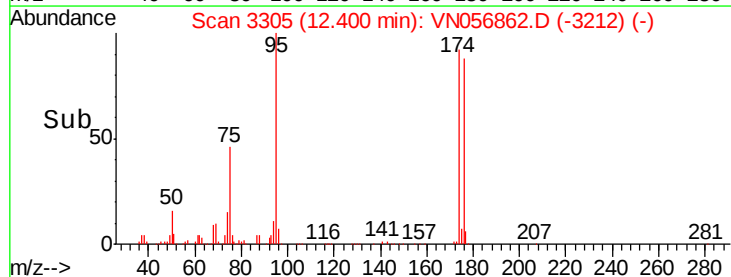
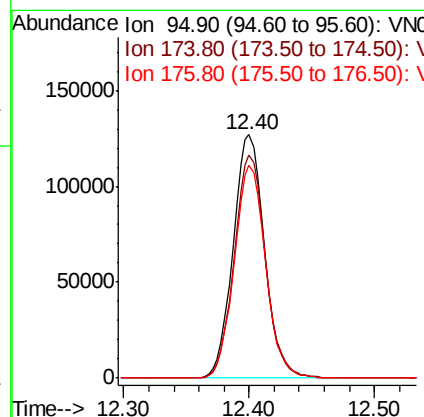
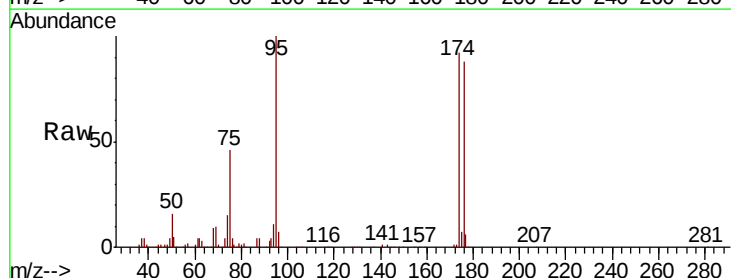
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#02

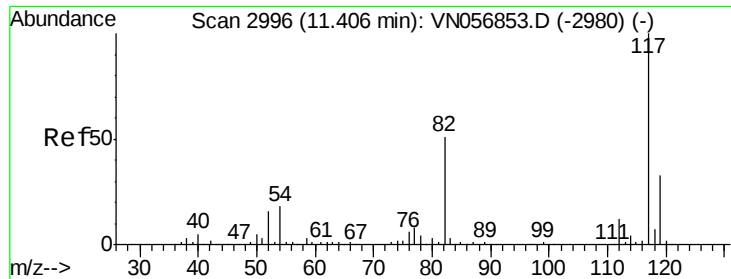
Tot Ion: 43 Resp: 134083
Ion Ratio Lower Upper
43 100
58 20.5 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 58.049 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

Tgt Ion: 95 Resp: 220044
Ion Ratio Lower Upper
95 100
174 91.6 0.0 183.4
176 87.4 0.0 175.8

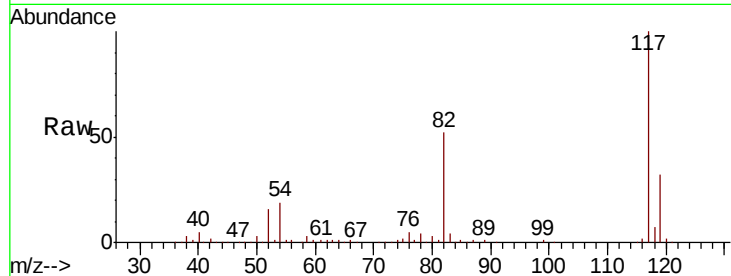




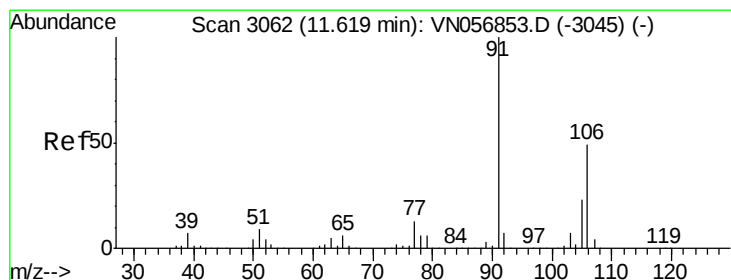
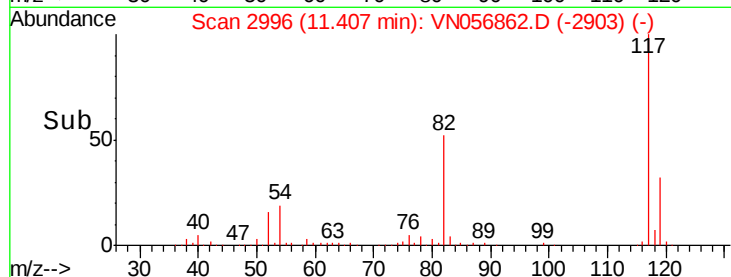
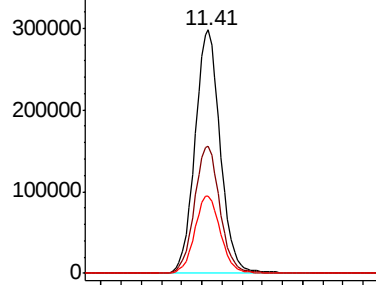
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#02

Tot Ion:117 Resp: 522109
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 31.6 26.4 39.6

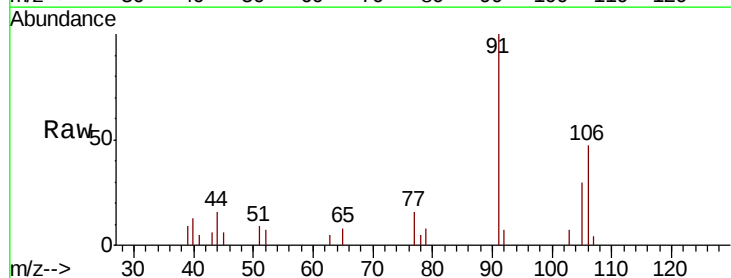


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

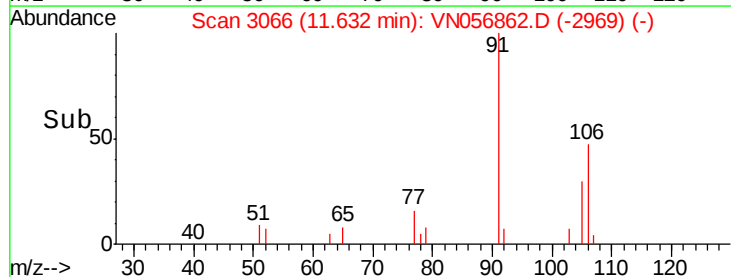
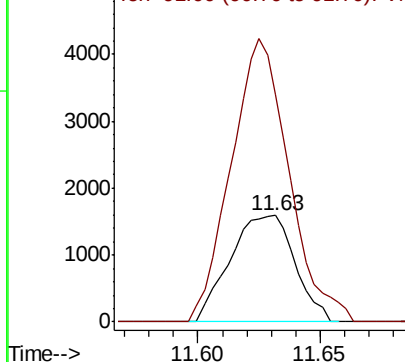


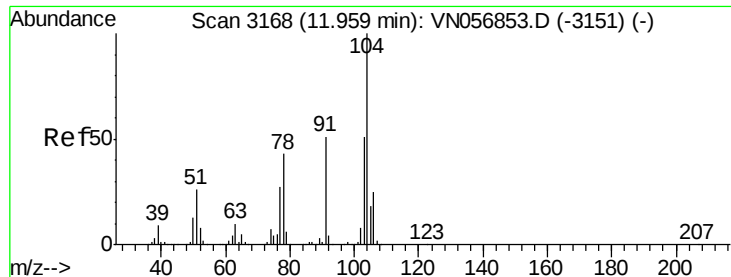
#68
m/p-Xylenes
Concen: 0.419 ug/l
RT: 11.63 min Scan# 3066
Delta R.T. 0.01 min
Lab File: VN056862.D
Acq: 22 Jul 2019 18:35

Tgt Ion:106 Resp: 2941
Ion Ratio Lower Upper
106 100
91 237.0 160.5 240.7



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





#70

Stvrene

Concen: 0.527 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

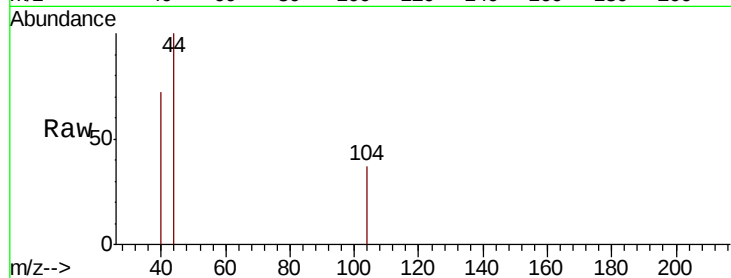
Tot Ion:104 Resp: 97

Ion Ratio Lower Upper

104 100

78 0.0 38.1 57.1#

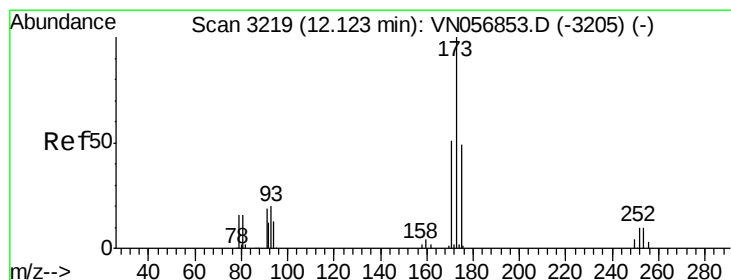
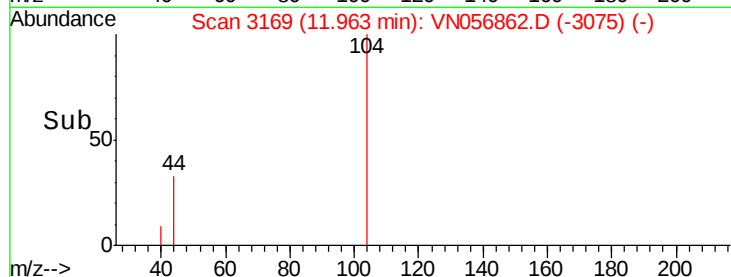
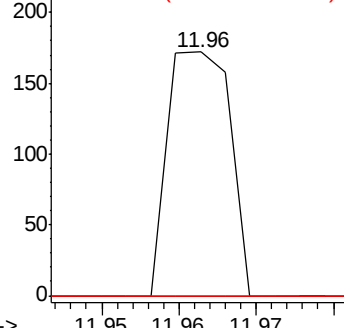
103 0.0 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.587 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

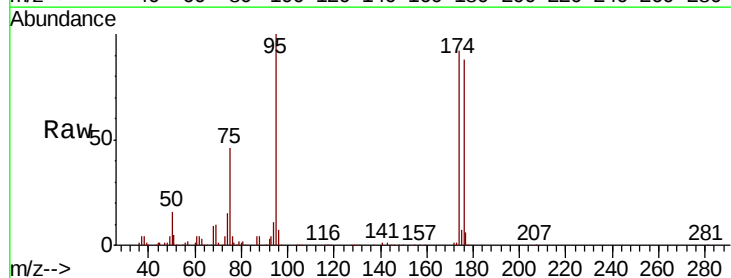
Tgt Ion:173 Resp: 1664

Ion Ratio Lower Upper

173 100

175 734.6 24.1 72.3#

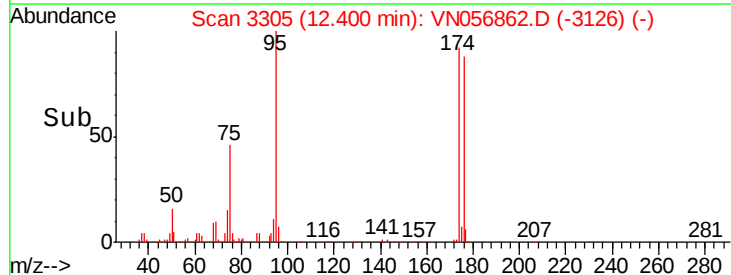
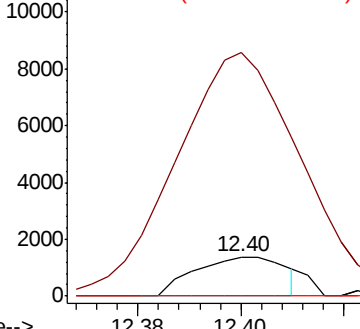
254 0.0 0.0 0.0

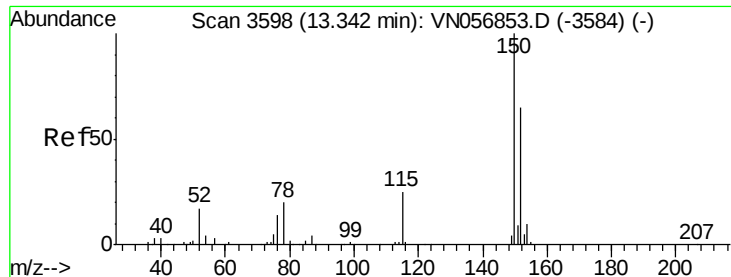


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

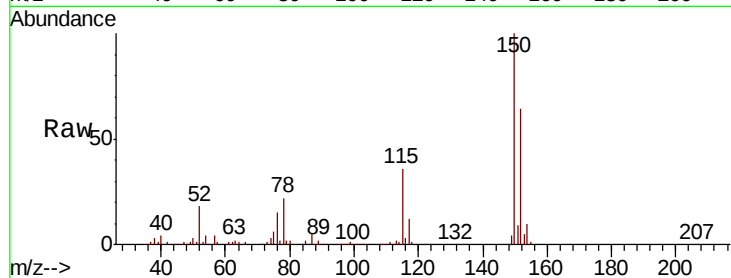
Tot Ion:152 Resp: 175894

Ion Ratio Lower Upper

152 100

115 55.4 27.6 82.7

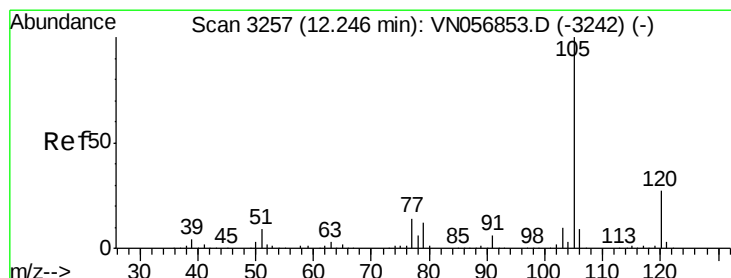
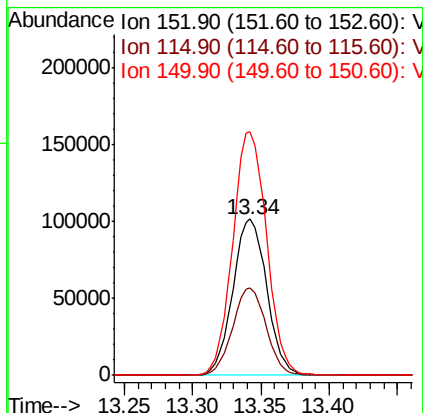
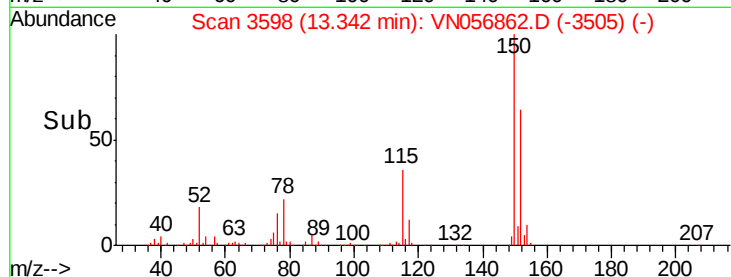
150 155.8 0.0 343.0



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: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN056862.D

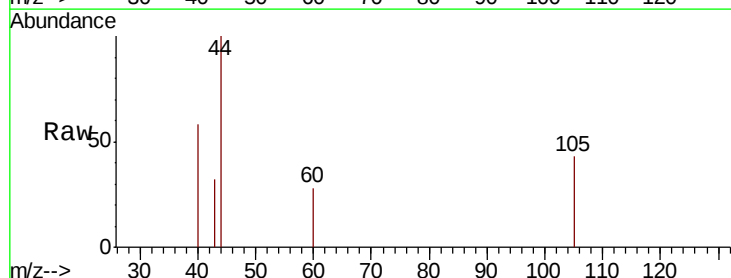
Acq: 22 Jul 2019 18:35

Tgt Ion:105 Resp: 171

Ion Ratio Lower Upper

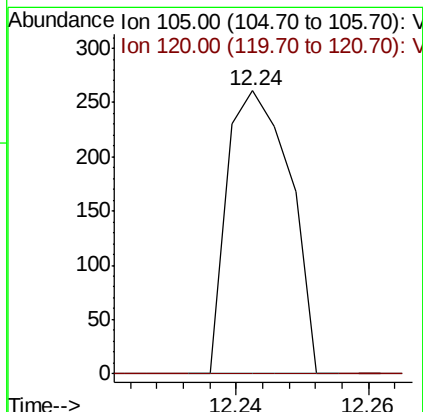
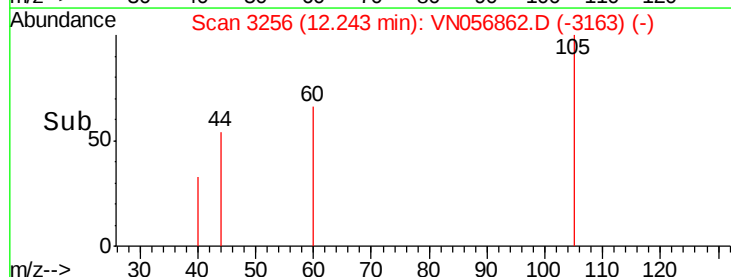
105 100

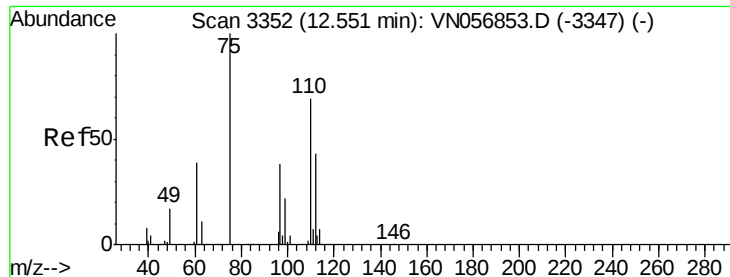
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 27.938 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

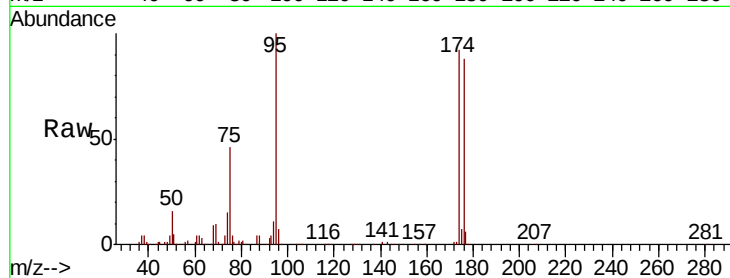
PB121556ZHE#02

Tot Ion: 75 Resp: 101842

Ion Ratio Lower Upper

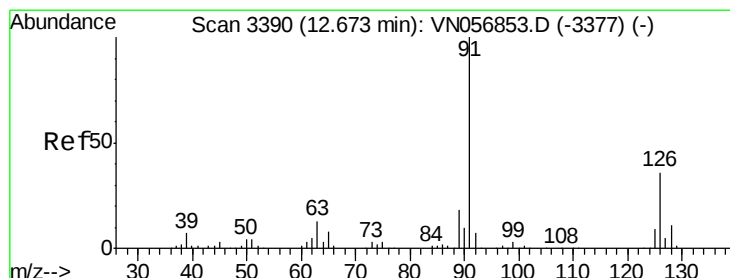
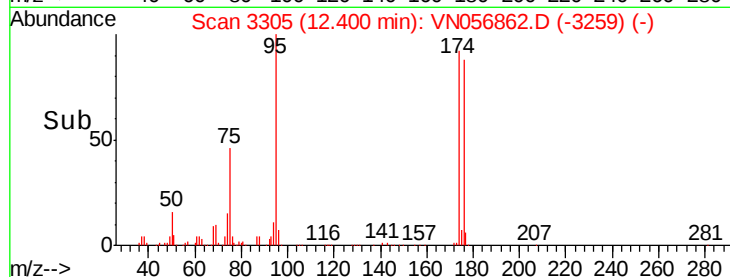
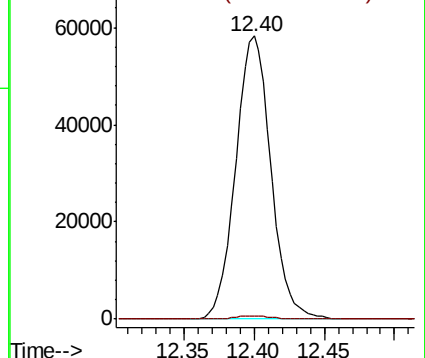
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN056862.D

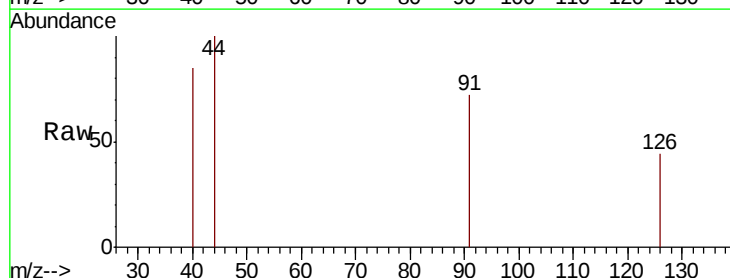
Acq: 22 Jul 2019 18:35

Tgt Ion: 91 Resp: 501

Ion Ratio Lower Upper

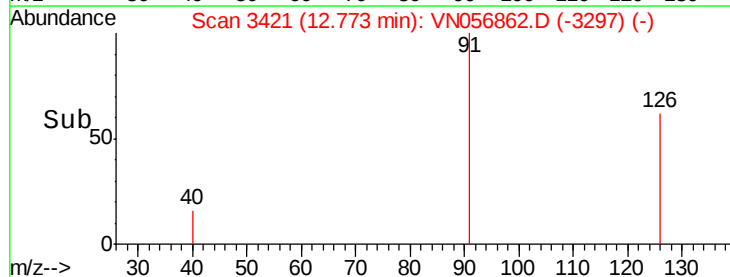
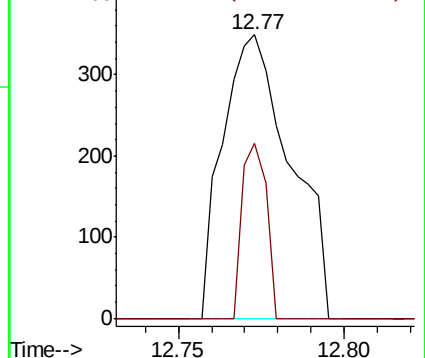
91 100

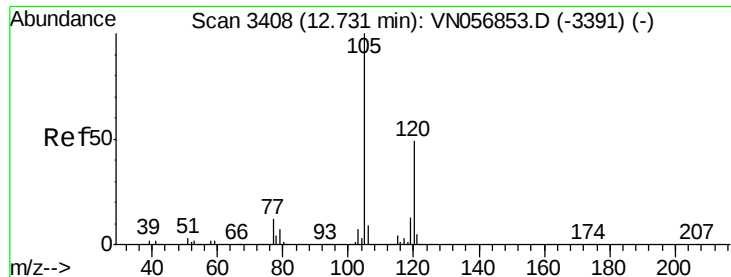
126 22.0 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

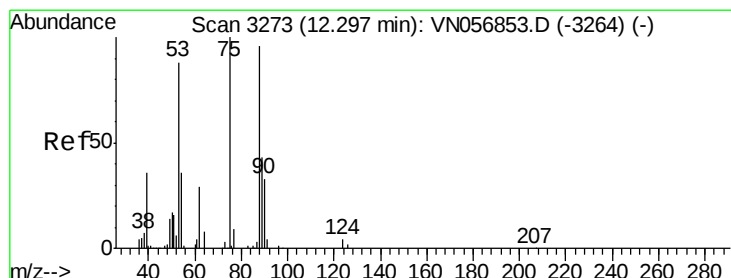
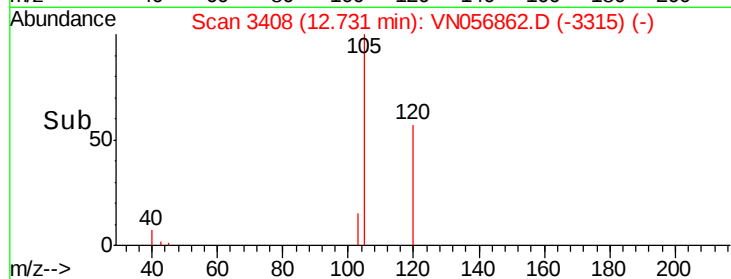
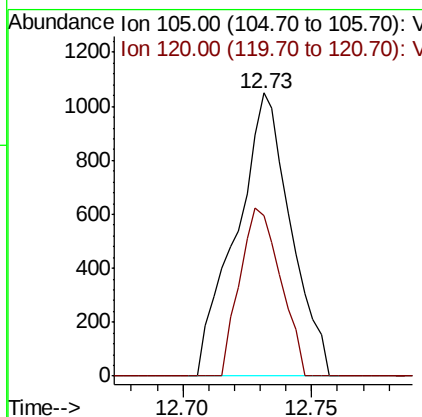
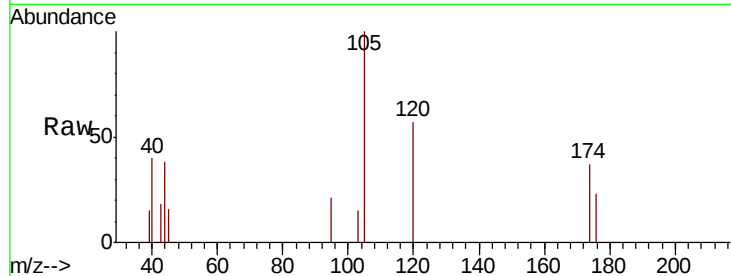




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056862.D
 Acq: 22 Jul 2019 18:35

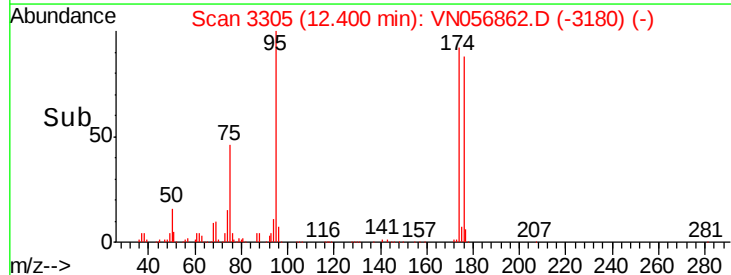
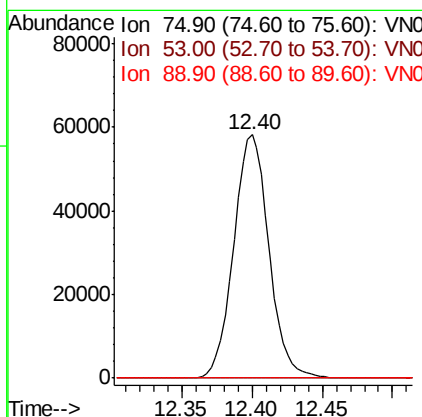
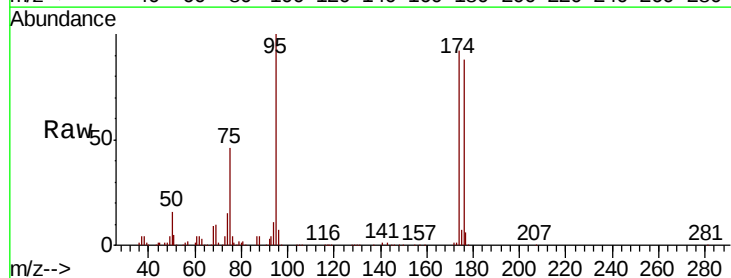
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#02

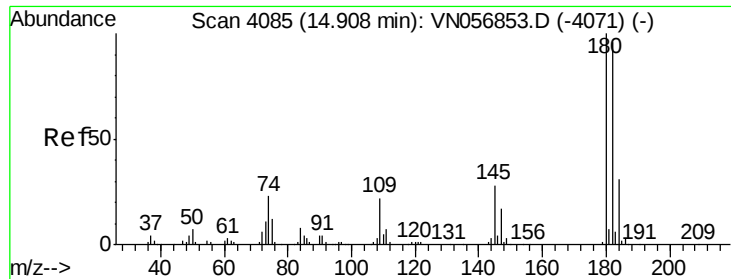
Tot Ion:105 Resp: 1550
 Ion Ratio Lower Upper
 105 100
 120 44.5 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.481 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056862.D
 Acq: 22 Jul 2019 18:35

Tgt Ion: 75 Resp: 101842
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.3 108.5#
 89 0.0 36.2 54.4#

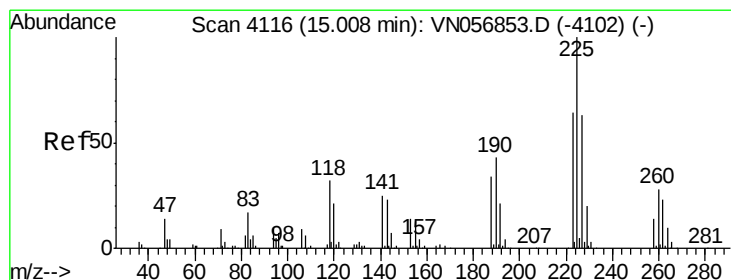
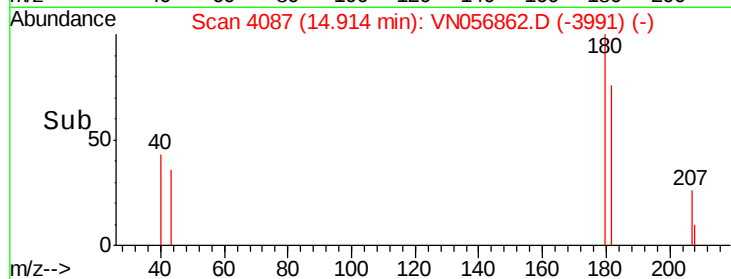
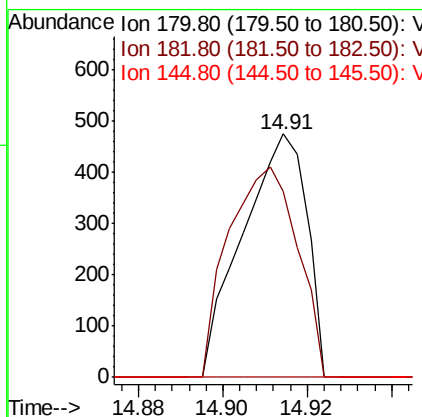
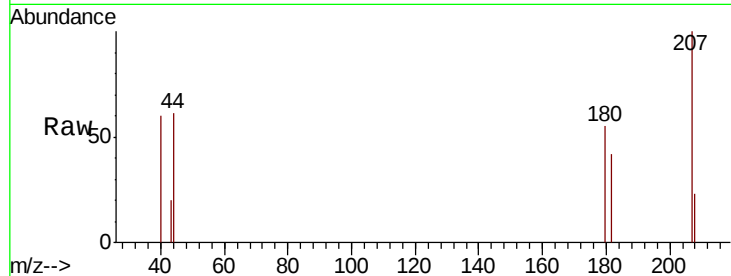




#93
 1,2,4-Trichlorobenzene
 Concen: 4.268 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN056862.D
 Acq: 22 Jul 2019 18:35

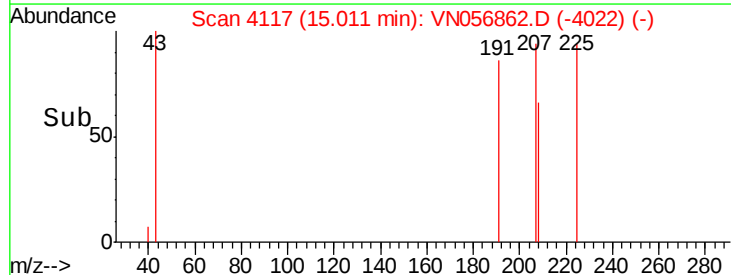
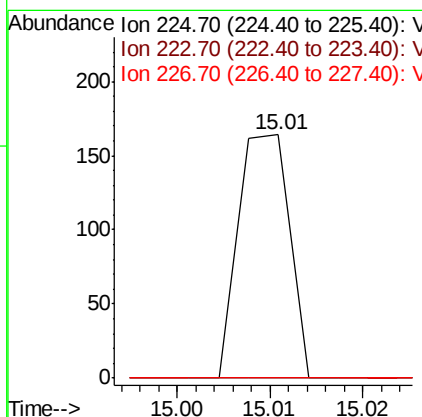
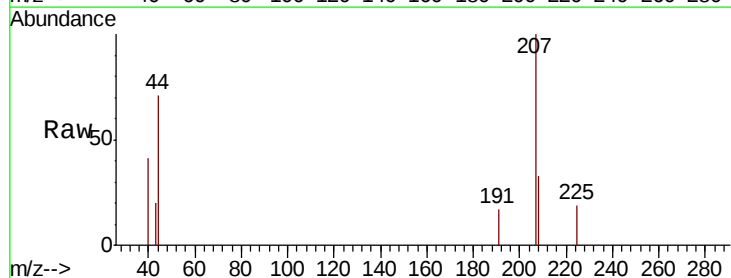
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#02

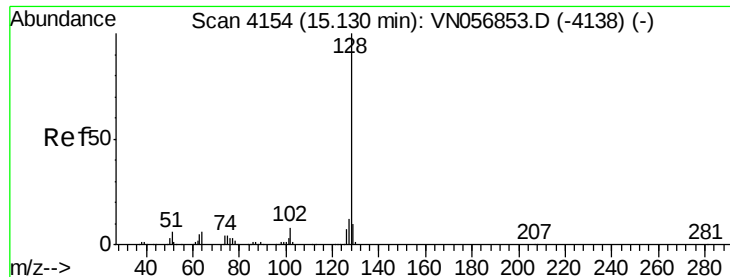
Tot Ion:180 Resp: 502
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.9 143.7
 145 0.0 14.1 42.3#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN056862.D
 Acq: 22 Jul 2019 18:35

Tgt Ion:225 Resp: 63
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.9 95.5#
 227 0.0 31.7 95.1#





#95

Naphthalene

Concen: 3.756 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#02

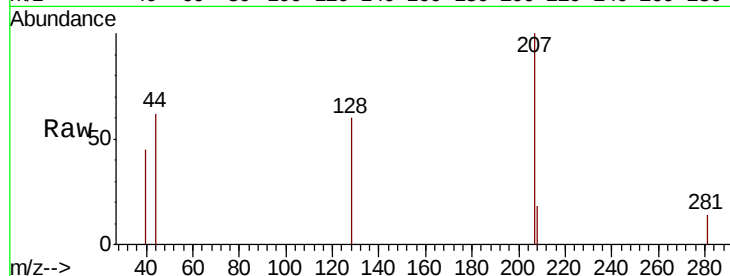
Tot Ion:128 Resp: 1201

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

15.13

600

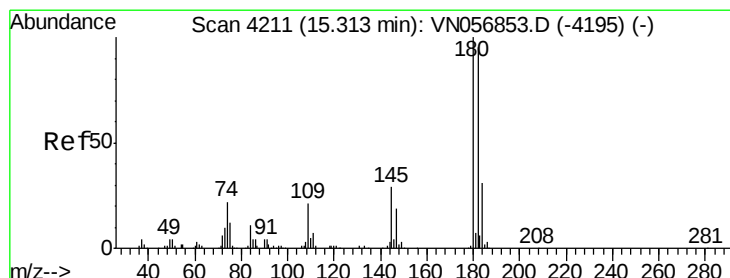
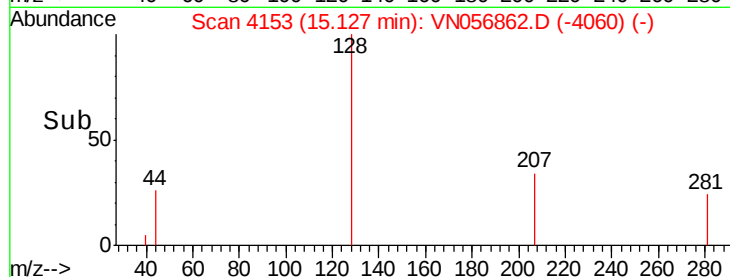
400

200

0

15.10 15.15

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 2.675 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056862.D

Acq: 22 Jul 2019 18:35

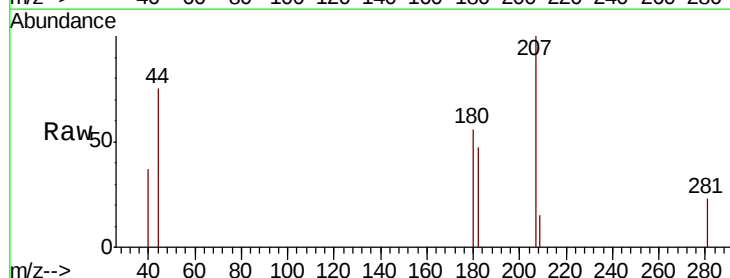
Tgt Ion:180 Resp: 731

Ion Ratio Lower Upper

180 100

182 94.7 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

15.31

600

400

200

0

15.30 15.35

Time-->

